



**Pune District Education Association's
Annasaheb Waghire Arts, Science
and Commerce College, Otur**

**At/Post-Otur, Tal. Junnar, Dist. Pune
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**SELF STUDY REPORT
CYCLE II
(2014)**

**Submitted to
National Assessment and Accreditation Council
P.B.No.1075, Nagarabhavi
Bangalore- 560 072**

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To,
The Director,
National Assessment & Accreditation Council
P.O.Box No 1075, Nagarbhavi
Banglore 560072

Subject: Submission of Self Study Report- Cycle Second for accreditations

Reference: Track Id:

Respected Sir,

With reference to the subject mentioned above, Please find herewith the enclosed five copies of the Self Study Report Cycle II along with CD's for your kind perusal.

We are gratified that the self study report exercise has offered us an opportunity to ensure complete involvement of the entire staff and that the effort has strengthened our attention for further quality mission in the years to come.

Hence it is requested to kindly consider the Self Study Report Cycle II and do the needful in this regards.

Thanking You,

Signature of the Head of the Institutions

Declaration by the Head of the Institution

I certify that that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Signature of the Head of the Institutions

PREFACE

Pune District Education Association (PDEA) was established on 7th September 1941. Late. Shri. Baburaoji Gholap, Founder and Chair Person of our mother institution had made the auspicious effort to establish “Annasaheb Waghire Arts, Science and Commerce College, Otur in the year of 1970. It’s a great honour of our institution that the first undergraduate course with science faculty was started at Grampanchayat level.

Otur is a village situated on the bank of the river, Mandavi. It is only the river in India that coming from east & turned in half rounded shape along samadhi mandir of "Babaji Chaitanya Maharaj", "Kapardikeshwar Temple" and then goes to southern direction. It has a great Historical, Cultural, Social and Spiritual background and it was formally known as “Uttamapur” for the Sanjeevan Samadhi of “Chaitanya Maharaj”. College is following the moral and ethical values which were embedded by the Great king “Chhatrapati Shivaji Maharaj”, who was born in 1630 at the “Shivneri Fort” which is just 25 km away from the college.

College has progressed in spherical manner with its vision and mission. The mission of P.D.E.A is “*Bahujan Hitaya Bahujan Sukhaya*”. Hon’ble Late. Shri. Baburaoji Gholap, dedicated his entire life to fulfil the mission and spreading education amongst the common people in the vicinity of Pune District. The progress of the institution is through the spreading education especially in deprived communities in the Pune District. The association had started voluntary schools in villages which were then converted in to secondary schools.

The college is established to fulfil the needs of the students who belong to backward and hilly areas. The social background of this region realises on small income through agriculture. Most of the students are economically weak and poor and the college is like to savoir to offer higher education to the aspiring the people from this region at an affordable cost. About 45 to 48% of the students belong to the category of first generation learner.

Presently college has to its credit seven UG and seven PG departments with 1263 student strength. The total students are admitted to B.Sc are 319, for B.Com 409 and for B.A 535 students. For all P.G. courses there are 222 students are admitted. Total strengths of teaching faculties for undergraduate courses are 34 for post graduation 07 and total 25 non teaching staff is regularly working in college.

Accreditation of the college from National Assessment and Accreditation Council, Bangalore was carried out in 09-10th January 2004 with awarding the B+ grade. As per the guidelines and norms of UGC and NAAC, the IQAC Cell was established in the year of 2005. The college has been recognized by the UGC under section 2(f) of UGC act 1956 wide letter F-8-75/76(CP) Dated 26 May, 1976 and permanently affiliated to University of Pune.

The academic excellence, commendable discipline, the character building and value based education in the rural atmosphere are splendid merits of the institution by which college has won admiration and esteem of parents.

The college has established in the land of 22 acre (89030.8 sq. Mts). Wherein, the total builds up area of the college is 7450.24 sq. Mts. The college has well furnished infrastructure having total 22 classrooms, 02 staffrooms, 05 PG laboratories and 06 UG laboratories and 01 ICT Lab. All the departments, office, library, exam department, placement cell are well equipped and computerised. There are 81 computers and 03 servers are available. All departments provided with internet facilities. There are three hostels, one for gents and two for ladies. The college has excellent library with 77,775 numbers of books and journals worth Rs 56, 94,541/-. In addition to this every year approximately 70-80 books worth of Rs 35,000/- are added. In addition to this national, international journals and magazines are available for research. Library also has equipped with DELNET, OPAC and Wi-Fi facility for the students. The library has also facility of internet centre and bar code system.

Outdoor stadium facilities are available for students such as volleyball, kabaddi, khokho, basketball, handball cricket, football and hockey. Indoor stadium is available for chess, carom, shuttlecock, table tennis, etc. A state of art gym is available for the students with the instruments worth Rs 4,13,831/- A 400 metres 8 lane tracks is available for track event such as 100 metres, 200 metres, 400 metres, 1500 metres mini marathon, 4×100 meters relay, 4×400 meters relay and 100 meters hurdles. The field events such as shot put, discus throw, javelin throw, high jump, long jump, triple jump and hammer throw.

Our college hosted university, zonal and inter zonal tournament in cricket, football and athletics. In order to promote social and service activities among the students, National Service Scheme (NSS) and National Cadet Core (NCC) scheme is operated in the college.

Hallmarks of the college:

- The college has been recognized by the UGC under section 2(f) of UGC act 1956 wide letter F-8-75/76(CP) Dated 26 May, 1976
- Permanent affiliation to Pune University, Pune wide letter CA 224 dated 19/11/1997
- The college has been accredited with B+ grade as a score of 77.50 % by NAAC on 09-10 January 2004.
- The college has seven PG departments, viz, Chemistry, Physics, Commerce, Marathi, Hindi, English, and Economics.

The staff members of the college have been actively involved in the preparation for its second cycle SSR from the period of six months. It has been unique and rich experience working and reflecting together and identifying its strength and weakness. This expedition of reflecting on the footprint left in the past nine years has given us insights to think through path ahead to realize the goal achieving the potential of college through benchmarking ourselves with reputed institutions at national level. Careful efforts has been taken to involve a

broader diverse group of faculty members including younger generation in the preparation of SSR cycle 2 to ensure quality sustenance and enhancement to lead the college into the future.

It is our great pleasure to submit SSR cycle 2 of our college for re-accreditation. It is our sincere belief that getting recommendation from NAAC would be helpful for self learning and improvements.

We are eagerly looking forward to welcome the peer team for cycle 2 and hope they will applaud as for our efforts.

Signature of the Head of the Institutions

A. EXECUTIVE SUMMARY – The SWOC Analysis

Executive Summary

Pune District Education Association (P. D. E .A.) is one of the leading educational Institutes which are having 88 branches in Pune District. Late Shri. Baburaoji Gholap an eminent educationalist and social worker was founded this institute in 1941. The basic aims and objectives of the institution are as follows:

- To impart education in general to new generation of India in particular in the jurisdiction of Pune District and in the state of Maharashtra
- To promote education and opportunities to the students of economically backward, hilly and rural area in order to make them well manner, cultured, patriotic and responsible citizens.
- To build up the students physically, mentally and intellectually strong.
- To encourage students in such a manner that they should contribute for the better advancement of the society.

The institution achieved its aims and objectives within its educational journey of 70 years; the institution provides all the infrastructural and educational facilities to the rural and hilly area students. The Institution has flourished and developed under the guidance of Late Prof. Ramkrishna More (Ex- Minister of Education and Culture, Maharashtra State). Hon.Shri. Ajit Dada Pawar, Dy. Chief Minister of Maharashtra and President of P.D.E.A. provides clear vision and mission to the institution, under his guidance, motivation and with his auspicious efforts the institution is now at higher rank. His leadership ratifies teamwork towards a common vision and mission to direct individual achievement towards organizational objectives.

Annashaeb Waghire College of Arts, Science and Commerce, Otur, Tal: Junnar, Dist: Pune has been established in 1970 in order to provide higher education to students from rural and hilly areas. During the educational journey, the college received remarkable achievements successfully. The institution is

eager to create healthy and happy atmosphere so that, students feel secure and contented. The institution always tries to create new opportunities for the stakeholders and also conduct various activities to improve their personalities. The academic and administrative units of the college are working under the direction of the management with transparency. Our management has taken unique decisions to start various values based self-financing program available to U.G. and P.G. levels students that make them competent and to suit in globalizing world. The academic and administrative planning of college is progressing day by day. The annual budget is allocated for the various activities, for effective working of the college. For the effective leadership and governance, the college has adopted various best practices which help to achieve the administrative and academic excellence.

Ever since after the date of establishment it has flourished with its infrastructure, laboratories, library, play ground, gymnasium, ladies and gents hostel, NSS and NCC as its building blocks. The programs so offered by the college are- B.A., B.Sc., B.com, M.A.(English, Economics, Marathi, Hindi), M.Com and M.Sc.(Chemistry and physics). The total strength of the students enrolled at present for pursuing U.G and P.G courses so offered by the college are about 1400.

The college has been accredited with grade B+ in the year 2004. Now the college is opting for cycle-2 of reaccreditation for which this SSR is being submitted. The work module for the successful growth and development has been well organized, planned and is being successively executed with its parameters *viz*- Mission, Vision, Objectives and Goals.

Vision

To inculcate a positive and sound attitude amongst students and inhabitants of this rural and hilly region towards pursuing higher education in various disciplines and to impart qualitative education to make them globally competitive.

Mission

The mission of the parent organization i.e. Pune District Education Association (The trust under the aegis of which this college is run) is “Bahujan Hitay Bahujan Sukhay” which translate to “Welfare and happiness for the masses”. The mission of this college is an extension of the mission of the trust and is “Welfare and happiness for the masses through higher education”. This mission we are accomplishing to uplift the under privileged, backward, tribal and deprived sections of this region through higher education.

Objectives:

The objective of this college revolves round the mission and vision of our trust as also of this college. The objectives are as enumerated below:

- To empower the masses, uplift society and achieve social parity through higher education.
- To create confidence in citizens by educating them.
- To provide employment opportunities through quality education.
- To promote entrepreneurial abilities amongst students by providing specialized education.
- To provide opportunities for the weaker sections and girl students to foster their aspirations.
- To bring about a holistic development amongst students by educating them on cultural, ethical values and instilling in them a sense of pride to become successful and good citizens.

Criterion I: Curricular Aspects

- Though the curriculum design and development Processes are undertaken by the university, our teachers actively participate in syllabus framing and the discussion workshops organized by the university and the various colleges, certificate courses curricula is

designed by the college and sent to the academic council (BOS) for sanctioning.

- Initially the college run 3 programs viz B.A., B.Com and B.Sc, and with the lapse of time and demands of the masses we introduced various other programs to provide optimum academic flexibility and variety(M.A., M.Com., M.Sc). From this academic year Choice Based Credit system has been implemented by the university for P.G. courses in order to enhance the opportunities for choice based, special and elective subjects.
- The various activities undertaken by mutual cooperation of the college and the university such as NSS, Student's Council, Student's welfare, Science Association, Commerce Association and other associations to make them competent, improve moral and ethical values, create employability, develop life skills, provide community orientation and make them worthy citizens.
- Since 2009, we have introduced 2 certificate courses and 2 P.G. self financing courses.

Criterion II: TEACHING LEARNING AND EVALUATION

- Every meticulous admission detail prescribed by the university is followed suit, including the reservation policies laid down by the government. The admission process is transparent, and well organized with its parameters viz Newspaper advertisement, prospectus, website, notice boards, visits to Jr. Colleges, Handbills/pamphlets, local cable and flex boards etc. In the beginning of every new academic year an admission committee is framed which carries out the counseling for the admissions.
- The admissions are given on 'First Come First Service' basis with observance of our Moto '*Bahujan Hitaya and Bahujan Sukhaya*' and

'Education to All' the policy of the State of Maharashtra subject to the norms of reservation policy of the government.

- The college has also taken care that no any student deprived from the admission to any discipline on the ground of economic background, caste, religion, social and culture. Thus, the transparency is guaranteed and maintained in the entire process admission from the issue of the notification till the end of admission.
- The college has Under Graduate and Post Graduate Courses in Arts, Commerce, and Science. Admissions to all programs are strictly given on the basis of eligibility conditions of respective programs as laid down by the university.
- The data and Information regarding the academic performance of the students at the risk of drop-out has been collected by the following ways:-
 - a. Tracing class-room attendance of students.
 - b. Scores obtained in Class Test, Semester End Examination, Term End Examination, University Examination, etc.
 - c. Individual interaction with students in questions hours in the class.
 - d. Consulting by the Head of the Departments and the teacher guardians with parents.
 - e. Informal discussion during contact teaching.
- The communal data has been compiled and analyzed by concerned departments and reported to the Principal. The Principal and Head of Departments with respective teacher guardians have unanimously discussed on the issues and take preventive measures in the following manner.
- The remedial coaching is provided to the economically backward students.

- Weak and slow learning students are supplied with question bank and are advised to practice proper answers.
- Extra and intensive coaching is given to the weaker students other than regular hours.
- Teaching plans are prepared by every faculty in the beginning of the year or term. Academic calendar is prepared in the beginning of the year.
- Teachers utilize various teaching methods such as audio- visual aids, charts etc. to deliver effective teaching. Guest lectures are also organized for students to improve their techniques of learning. Faculties are sent to attend the workshops and seminars to update their knowledge and skills.
- Various functions are organized throughout the academic year such as special guidance lectures, seminars, soft skill development programs, sport activities for the overall development of the students.
- Teacher's performance is evaluated at the end of every academic year by the students. Feedback from the students is collected and analyzed continuously throughout the year and appropriate majors are taken for improvement.
- The teacher's know-how is continuously updated and is maintained up to the mark by letting them participate in various workshops, seminars, conferences, orientation courses and refresher courses etc. We are proud to declare that a few teachers have been awarded accolades for their success.
- The evaluation system is transparent and is so maintained by providing photo copies of the answer sheets as per the demands of the students.

Criterion III: RESEARCH CONSULTANCY AND EXTENSION

- Our faculties enthusiastically and actively participate in the research and contribute to various areas of research.
- The College encourages the faculty members to apply for research projects sponsored by various National and International agencies. The teacher pursuing research activities are allowed to avail facilities like duty leave and academic leave to attend conferences.
- Students are allowed to use library, laboratory and Internet facilities. All the Post Graduate Departments have their own Departmental Libraries and there is also separate reading section meant for research scholars and faculty in the College Library.
- A research committee consisting of the faculty members involved/experienced in research is functioning in the College. This committee inspires the fellow teachers to prepare research projects, research papers and participate in National and International seminars/symposia, etc. Research committee organizes research seminars of faculty as well as students.
- Beside this students perceived some ideas of research towards day to day or on ground problems, such students are guided by the faculty to present their model or research project in the AVISHKAR competition organized by BCUD, University of Pune.
- The college provides the financial support in the form of materials required by the students for project, traveling and printing of posters through the grant assigned by BCUD, University of Pune. The students are free to avail different facilities in their research work, such as Library, ICT, Laboratory and extra guidance from faculty.

- The faculty is encouraged to file the research proposals to different funding agencies. Support is given to faculty in terms of following things.
 - a. Display and circulation of guidelines and notifications for invitation of proposals of different funding agencies to the faculty through ARC.
 - b. Explanation of technical details is provided to the staff.
 - c. Basic infrastructural facilities are provided such as seating space, computer, cupboards, etc.
 - d. Administrative and accounting services are provided by the college office.
 - e. Discussion meetings are also organized for faculty.
- The college encourages the faculties to present and publish their research paper at state national and international conferences. Some of our faculties are research guides and on the editorial boards of various research journals.
- The college also performs social responsibilities by conducting various social activities through NSS and NCC. Various projects and surveys are carried out by the P.G. students.

Criterion IV: INFRASTRUCTURE AND LEARNING RESOURCES

- The college has a campus of 22 acres and the college building with a carpet area of 80193.75 sq ft. The building has well planned, lightened, ventilated, spacious class room with proper seating arrangement. We also have an auditorium, conference/seminar hall, separate library building with adequate space for reading and stacking, spacious laboratories, play grounds, botanical gardens, hostel facility for boys and girls, safe drinking water, CCTV and adequate sanitation etc.

- The college being run in two shifts, the college ensures the optimum utilization of infrastructural facilities in systematic way to benefit students & teachers. Auditorium/seminar hall being used for students programs, presentations, seminars and workshops etc. The play ground and gymnasium being used for regular practice and also for inter collegiate, Zonal matches, tournaments etc.
- Separate two stored library building is established which has an area of 4684.97 sq.ft. with librarian cabin, students reading room, staff reading room, stack room, computer room, issue counter and library store room. The library also has reprographic facility, scanner, laminating machine, Id-Card machine, CCTV, computerized cataloging, e-journals, bibliographic data, bar-coding technology, internet facility, computer in LAN made available for the students and the staff. There is also a reading room facility made available for the senior citizens.
- Continuous electricity supply is ensured with UPS in order to carry and support sound operation of practicals.
- The college constitutes library advisory committee as per the university norms, the committee takes note of reader's complaints, difficulties and suggestions in order to solve them and also take policy decisions regarding smooth working and running of the library.

Criterion V: STUDENT SUPPORT AND PROGRESSION

- The College publishes its updated prospectus, college magazine "Chaitanya" and other publications through which information is disseminated for the students.
- Information regarding admission, fee structure, portion completion, examination, Result declaration, revaluation etc. and other student support programs are displayed on the respective departmental notice boards well in advance. We also communicate to the students through

telecommunication about the scholarships, deadlines of the examinations forms and results etc.

- The college has placement cells, anti-ragging cells, cells pertaining to sexual harassment, grievances redressal cell, student's welfare office, students council and various committees as per students requirement.
- The college has a Competitive Examination Guidance cell which notifies the information about various competitive Examinations, organizes lectures and training sessions by renowned persons for students, who are interested in appearing for Civil services examinations viz. MPSC, UPSC, Banking, Railway, Staff selection board and Police recruitment, etc.
- We financially support students to participate in earn and learn scheme, health check up camps, aid to the sports students and sports kit with travelling and daily allowances etc.

Criterion VI: GOVERNANCE LEADERSHIP AND MANAGEMENT

- The local managing committee (LMC) is constituted as per the Maharashtra Governments Act of 1994, comprising of 16 members as per under sections 85. The management members meet twice in a year as per university norms in the LMC meeting to the staff representative. The college invites the management member for inaugural or valedictory functions organized in the college.
- The management conducts meeting to frame policies regarding quality of education, financial support and infrastructure. The management encourages and supports the involvement of the staff in the improvement of the effectiveness and efficiency of the institutional process. The Principal conveys information of staff members to the management through for various activities related to the development of the college.

- Decentralization of authority and participative management has helped to run the college effectively with our mission and vision.
- The involvement of Chairman of various committees and Heads of respective departments arrange meetings with their respective members to discuss and implement the plans and policies. Their suggestions are placed before the Managing Committee to next decisions for implementation. By conducting regular departmental meetings, staff meetings and through formal discussions with the staff mutual coordination is synched.
- The valuable feedback from teaching, nonteaching staff, students and parents help us improve from grass root level and eventually in our journey towards excellence.
- The management financially and positively supports to the student's overall development activities run by the college.
- Various committees with independent professor in charge have been defined with a proper work distribution to each, for the smoother functioning of the respective committees- Examination committee, library committee, women cells committee, student's council, canteen, grievance cell, time table committee and discipline committee are some vital committees.
- For the professional development of the teaching and non teaching staff the college sends them for training, attending refresher and orientation courses and participating in health workshops etc.
- The Principal ensures that all provisions and follow the University Statutes, rules and regulations of government of Maharashtra and UGC for proper implementation. In IQAC meetings, various committees carry out and give effect to the decisions of the top management under the guidance of Principal. Principal with consultation of faculty of various Departments involves in strategies

and decision-making for continuous academic growth and the quality assurance process. Through the college website we inform quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders

Criterion VII: INNOVATIONS AND BEST PRACTICES

1. Institution tries to maintain the campus eco-friendly through various activities- dignity of labor, environment project, water harvesting, plantation, hazardous waste management, soil analysis, e-waste management etc.
2. As innovation the college office has been using ETH software for collection of fees, preserving library records and keeping up to date financial accounts. Library is facilitated with barcode system, ETH/Autolib software, E-book, E-Journal, DEL/INFLIBNET/CSI, OPAC and NLIST.

ACTIVITIES OF THE COLLEGE IN THE CONTEXT OF CORE VALUES

CONTRIBUTION TO NATIONAL DEVELOPMENT

Higher education is generally understood to cover teaching, learning and extension. If we critically analyze the different concepts of higher education, we can list the various roles higher education plays in the society. Higher education is the source or feeder of the system in all walks of life and therefore supplies the much needed human resources in management, planning, teaching, design, and research. Scientific and technological advancement and economic growth of a country are as dependent on higher education as they are on the working class. Higher education also provides opportunities for lifelong learning, allowing the students to update their knowledge from time to time as per social needs. Our main objective is to make students capable enough to tackle the social challenges. Serving for the cause of social justice, ensuring equity, ethical values and

increasing access to higher education are few ways by which our institute is trying to contribute to the National Development. So we plan the activities to help our students to become self-sufficient, confident, and capable of facing social obstacles. Hence our efforts are always student improvement oriented and making them responsible citizens of the country.

- Teachers are the sculptors of the students. Few of our staff members are involved in social activities. Some of them have won awards and brought us honor.
- The National Cadet Corp (NCC) unit develops a sense of discipline among the students, team spirit and dedication to nation building. NCC Unit regularly organizes training camps and Workshops for the students. The contribution of the cadets in National level camps and events enhances communal harmony, sense of National integration and unity and cultural exchange. The adventure activities prepare the youth for facing the challenges.
- The N.S.S. unit of our college organize various activities like tree plantation, blood donation camps, and social awareness rallies, participation as volunteers in different social and cultural activities, water conservation programs etc. These programs make them socially aware enough to contribute in the Nation's development.
- Research activities conducted in the various departments of the college have been contributing to support the Nation's scientific development.

FOSTERING GLOBAL COMPETENCIES

Global competence refers to the acquisition of in-depth knowledge and understanding of international issues, an appreciation of and ability to learn and work with people from diverse linguistic and cultural backgrounds, proficiency

in a foreign language, and skills to function productively in an interdependent world community.

To achieve global competence, our college has developed goals that provide equal education opportunity for all students to realize their full potential.

- We have introduced new self-financing programs keeping in mind the current market scenario e.g. P.G. in Chemistry, Physics, Economics, English, Marathi, Hindi and Commerce, additional certificate course of Computer interfacing.
- To develop a global approach and pursue knowledge with regard to international trends and changes we create awareness amongst the students during the course of classroom lectures we conduct discussion sessions, Seminars and power point presentations.
- Guest faculties are invited by the departments and various association from different colleges to deliver the lectures on the present global scenario to make the students realize the gravity of the situation in practical manner.
- National or State level Seminars/Conferences are arranged in order to encourage our students to present papers in Seminars on different projects carried out by them under the guidance of respective faculties and help develop a research mindset within the students.
- Soft skills programs for our students are arranged every year.
- Various extracurricular activities are periodically organized to create global awareness amongst the students. These programs so arranged reduce intercultural barriers and improve mutual conduct. Cultural activities take the students beyond the confine of syllabi and give them an exposure to issues of national development as well as render the training of global competency. Hence we are strongly persuasive

to our students to participate in various intercollegiate competitions and programs.

- To bolster global competencies we have equipped our laboratories with the technological enhancements like LCD projectors, computers with internet facilities, e-journals and e-books through INFLIBNET, well operational and organized laboratories etc.

INCULCATING VALUE SYSTEMS

The whole enterprise of education is extricably linked with the development of values. Devoid of the potential to nurture values, education losses its heart and soul. No one who attempts to depict the spirit of age in which we live can possibly overlook the importance of education for values. Peace and security are facing new challenges that could have negative implications if we do not address them positively. The malleable years of youth in college are crucial. Whatever is learnt and imbibed will determine to how students would live out their lives in future. The concern about value degradation is not new to this era.

The main objective of education is to make students more relevant to the socio-economic realities of the country, inculcate the right values together with knowledge, among students so as to cultivate a spirit of co-operation, sense of belonging, selflessness and mutual understanding, as they would be the nation builders in the mere future.

- The healthy and sound co-educational atmosphere prevailing in the college reflects the value system appreciated. The healthy practices in this regard include moral and ethical values, exceptionally clean and green campus, including girl students“ representatives in various associations, activities and programs lack of status barriers and hurdles in the staff and a sense of social commitment in the extension and outreach activities.
- To create awareness amongst the students the college arranges various lectures on different relevant topics viz. social awareness, gender equality,

women empowerment and moral values and health care through *Vidhyarthini Manch* and NSS activities.

PROMOTING THE USE OF TECHNOLOGY

The purpose of Integrating Strategies and Technology in Education Practice is to provide teachers with constructivist teaching strategies and methods for integrating a variety of technical software into educational curriculum. That in turn will increase educators' positive attitudes toward technology and constructivist teaching philosophy.

Our college has effectively undertaken into consideration the use of modern tools and technological innovations for teaching learning and governance for hi-tech learning. To promote the use of technology we have equipped our laboratories with the technological enhancements like LCD projectors, computers with internet facilities, e-journals and e-books through INFLIBNET, well operational and organized laboratories etc.

- A techno savvy generation is the need of the hour. The teachers have updated themselves to use technological aids to improve the quality of their teaching.
- Students actively participate in Seminars, workshops and other programs such as paper presentations etc. for which they make use of modern technological aids. Teachers are using their own collection of clips and CDs as teaching aids.
- The administrative office, library and examination department of our college have been fully computerized. The office staff has been trained well to handle the packages and softwares installed in office computers.
- All non-teaching staff of the departments has been well trained with the basic knowledge of computers.
- The college has a well designed website for civilizing the networking and diffusion of information to the students, parents and other stakeholders.

QUEST FOR EXCELLENCE

IQAC is taking conscious efforts for continuous enhancement of the college. We have underwent the paradigms of strategic planning leading to clear statements of our Mission, Vision, Quality Policy, goals and objectives. We have scanned and analyzed our environment and carried out the SWOC analysis. We are trying to build upon our strengths, overcome our weaknesses, utilize the opportunities and tackle the challenges. We believe in taking upon the responsibility to ensure that every individual has the opportunity in high quality education, from prekindergarten to elementary and secondary, to special education, to technical and higher education and beyond.

- To promote research activities in the college a Research Advisory Committee has been formed. Evaluation of the teachers through students by using feedback mechanism and their analysis helps us improve each time.
- The Principal conducts meetings of the HOD's of each department at the end of every month in order to get feedback from them and discuss the various departmental issues, plan the strategies, and their implementation.
- For further evolvment the feedbacks from various Industries, Alumni, Peers and from other educational institutes also enables the institution to contemplate.
- Our management is cooperative and supports by providing optimum, excellent infrastructural and technologically enhanced facilities. The management with its far sighted vision is ever ready to help financially, morally, and bolster the spirits of staff and students.
- In such an encouraging atmosphere students are actively drawn in and they too strive for excellence and put in their efforts.

We can proudly say that we have been successful in a good measure in extending our horizons till date and will continue to put in our ceaseless and assiduous efforts towards excellence.

SWOC ANALYSIS

The Institutions primary objective is to enable the students to survive with the demands of the contemporary global circumstances through effective operation of the curricular and co-curricular issues. Our guiding principles are Academic excellence, Personality development and social orientations.

Defined vision and a mission for realization of objectives socially uplifting, academically enriching through research orientation and empowering through value based holistic, learner-centered education. broad popular acceptance, permanent University affiliation and positive governmental support are one of the most peaceful and academically oriented campuses in the region.

Strengths

The strength of the institution is its compassionate Management, qualified and committed faculty members, productive administrative staff, good infrastructure, well equipped college library with INFLIBNET facility, interactive smart classes, internet access 24/7, availability of computers, Digital Language Lab, Centralized Computing Facility, facilities for scanning, printing and copying, the various programmes and cells funded by UGC and state government, good academic ambience and the enthusiastic students. The college has always been in the frontline in fulfilling its social objectives in terms of educational attainments and producing quality individuals. These are the details of the above.

- Building Infrastructure: Well equipped Laboratories, Separates two stored library building, 400mts 8 lane track, various playgrounds, Well equipped Gym, Parking Shed, Botanical Garden, Xerox machine, boys and girls hostels.
- Financial Support: From Pune District Education Association, Pune, UGC, ICSSR, DST, HRD, IAPT and BCUD etc.

- Use of Technology: Use of Audio-Video aids, Computers, Internet, LCD, OHP in teaching and administration.
- Institute maintained good relationships with Teaching and non teaching staff, parents, students, with suppliers (chemicals, books), and visitors.
- Unique alliances with others- GMRT, AGCA, MART etc.
- Experience- 43 Years of long experience
- Good, Qualified and Research Oriented with 8 with M.Phil., 11 With Ph.D. and 19 faculties are registered for Ph.D.
- Best College Award from Parents Institution, and Faculties.
- An ample range of curricular and Extra-curricular activities in the society.
- Location: Good Location highway touch on Nagar-Kalyan Highway.
- Options for special subjects at UG and PG levels.
- Management is supportive and co-operative by all means.
- Tradition of Good Results graph increasing continuously.
- Activities: Various activities such as NSS, NCC, Student Welfare, Earn and Learn Scheme , Soft Skills and Personality Development Program, Placement Cell, Sports, Various Competitions, Competitive Examinations, Tree Plantation, Social Annual Gathering Science Exhibition etc.
- UGC Sponsored Courses viz. Certificate Course in Communicative English and Environmental Management, Collaborative Course Edu-bridge in Commerce, College Self Financed Certificate Course in Computer Interfacing.
- Well furnished Girls and Boys Hostels with good amenities.

Weaknesses

- No research centre.
- Due to attraction of professional courses and their easy availability around rural Pune district enrollment of arrange and below average students take admission at entry point of UG and PG.
- Poor Transportation

- Students from rural area having poor communicative skill especially in English.
- Attendance of the students is poor in the classroom.
- Average performance of students at national level examinations and competitions.

Opportunities

- Most of the students are from a rural background for whom higher education is most essential for a secure future and social mobility.
- Emerge as an academic strong college in the vicinity of Junnar Tahasil.
- Opportunities to start new applied and job-oriented courses.
- To take up more community-oriented developmental programs.
- To start more short term job oriented certificate courses.
- To establish a network with advanced centers of learning and research.
- To take up more practical oriented research.
- Scope for starting a sports academy
- To develop guidance center for various competitive examinations for UG and NET/SET/GATE/CSIR etc. Examinations for PG students

Challenges (threats)

- To compete with various professional discipline colleges viz. Engineering Degree and Diploma, Pharmacy Colleges, College of Education, Degree and Diploma, MBA in the vicinity of Junnar Tahasil.
- Reach to more students from rural background.
- Poor employment generation for traditional courses viz. B.A., B.Com., B.Sc.
- Strength problem specially for Art's program
- Increasing graduate unemployment.
- Providing quality placements for students with rural background.

B. Profile of the Affiliated /Constituent College

1. Name and address of the college:

Name:	P.D.E.A'S, Annasaheb Waghire Art's, Science and Commerce College, Otur		
Address:	At. Post. Otur ., Tal. Junnar., Dist. Pune		
City:	Otur	Pin: 412409	State: MAHARASHTRA
Website:	www.pdeaawco.org , www.pdeaawcotur.org		

2. For communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Prof. Shivraj N. Kukale	O: 02132-264254 R: 020-25286622	9822657165		shivrajukale@rediffmail.com
Vice Principal	Dr.G.M. Dumbre	O: 02132-264254	9860141860		
	Dr. A.A. Shaikh	R:	9881622550		akshaikh62@gmail.com
Steering Committee Co-ordinator	Dr. A.A. Shaikh	O: 02132-264254 R:	9881622550		akshaikh62@gmail.com

3. Status of the of Institution :

Affiliated College

Constituent College

Any other (specify)

4. Type of Institution:

a. By Gender

i. For Men

ii. For Women

iii. Co-education

b. By shift

i. Regular

ii. Day

iii. Evening

5. Is it a recognized minority institution?

Yes

No

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence.

Not applicable

6. Source of funding:

Government

Grant-in-aid

Self-financing

Any other

7. a. Date of establishment of the college: **01/06/ 1970**

b. University to which the college is affiliated /or which governs the college (If it is a constituent college)

University of Pune, Pune

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2 (f)	01.06.1982	----
ii. 12 (B)	01.10.1994	----

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Under Section/ clause	Recognition/Approval details Institution/Department/ Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
i.	NIL	NIL	NIL	NIL

(Enclose the recognition/approval letter)

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes No

If yes, has the College applied for availing the autonomous status?

Yes No

9. Is the college recognized

a. by UGC as a College with Potential for Excellence (CPE)?

Yes No

If yes, date of recognition: (dd/mm/yyyy)

b. For its performance by any other governmental agency?

Yes No

If yes, Name of the agency and

Date of recognition: (dd/mm/yyyy)

10. Location of the campus and area in sq.mts:

Location *	Rural and Hilly
Campus area in sq. mts.	89030.8 sq. mts.
Built up area in sq. mts.	7450.24 sq. mts.

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Facilities available in the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

- Auditorium/seminar complex with infrastructural facilities
- Sports facilities

- * play ground
- * swimming pool
- * gymnasium

• Hostel

- * Boys' hostel

- i. Number of hostels (1)
- ii. Number of inmates (Boys-20)
- iii. Facilities (Bed, tables and chairs)

- * Girls' hostel

- i. Number of hostels (2)
- ii. Number of inmates (00)
- iii. Facilities (Bed, Tables, Chairs and Cupboard, Mess, Common Room)

- * Working women's hostel: **NO**

- i. Number of inmates
- ii. Facilities (mention available facilities)

- Residential facilities for teaching and non-teaching staff (give numbers available -- cadre wise): **NO**

- Cafeteria –

- Health centre –

First aid, Inpatient, Outpatient, Emergency care facility, Ambulance.....

Health centre staff –

Qualified doctor Full time Part-time

Qualified Nurse Full time Part-time

- Facilities like banking, post office, book shops : **NO**
- Transport facilities to cater to the needs of students and staff : **NO**
- Animal house: **NO**
- Biological waste disposal :

- Generator or other facility for management/regulation of electricity and voltage :

- Solid waste management facility:

- Waste water management :

- Water harvesting:

12. Details of programmes offered by the college (Give data for current academic year)

Sr. No	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned /approved Student strength	No. of students admitted
1.	Under Graduate	B.A	3 Years	H.S.C	Marathi	720	524
		B.Com	3 Years	H.S.C	Marathi/English	480	509
		B.Sc	3 Years	H.S.C	English	360	319
		B.C.S	3 Years	H.S.C	English	360	NIL
2.	Post Graduate	M.A	2 years	B.A	Marathi	120	41
		M.Com	2 years	B.Com	Marathi/English	120	65
		M.Sc	2 years	B.Sc	English	96	55
3.	Certificate Course	Environmental Management	1 year	H.S.C	Marathi	60	30
		Communicative Skill	1 year	H.S.C	English	40	30
4	Integrated Programmes P G	---	---	---	---	---	---
5.	M.Phil	---	---	---	---	---	---
6.	Ph.D	---	---	---	---	---	---
7.	UG Diploma	---	---	---	---	---	---

8	PG Diploma	---	---	---	---	---	---
9	Any Other (specify and provide details)	---	---	---	---	---	---
	Total						1513

13. Does the college offer self-financed Programmes?

Yes No

If yes, how many?

U.G-3, P.G.3

14. New programmes introduced in the college during the last five years if any?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number	02
-----	-------------------------------------	----	--------------------------	--------	----

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Particulars	UG	PG	Research
Science	02	02	Nil
Arts	05	03	Nil
Commerce	01	01	Nil
Any Other not covered above (B.C.S)	01	Nil	Nil

16. Number of Programmes offered under (Programme means a degree course like BA, BSc, MA, M.Com...)

a. Annual system

b. Semester system

c. Trimester system

17. Number of Programmes with

a. Choice Based Credit System	03
b. Inter/Multidisciplinary Approach	Nil
c. Any other (specify and provide details)	Nil

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes No

If yes,

a. Year of Introduction of the programme(s)..... (dd/mm/yyyy)
and number of batches that completed the programme

b. NCTE recognition details (if applicable)
Notification No.:
Date: (dd/mm/yyyy)
Validity:.....

c. Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

Yes No

19. Does the college offer UG or PG programme in Physical Education?

Yes No

If yes,

a. Year of Introduction of the programme(s)..... (dd/mm/yyyy)
and number of batches that completed the programme

b. NCTE recognition details (if applicable)
Notification No.:
Date: (dd/mm/yyyy)
Validity:.....

c. Is the institution opting for assessment and accreditation of Physical Education Programme separately?

Yes No

20. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC / University / State Government <i>Recruited</i>	0	0	06	00	33		36		00	
			06		26	01	23	01	00	
<i>Yet to recruit</i>			00		06		12		00	
Sanctioned by the Management/society or other authorized bodies <i>Recruited</i>					10	04	07	02		
					05	04	07	02		
<i>Yet to recruit</i>					05		00	00	00	

*M-Male *F-Female

21. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	00	00	00	00	00	00	00
Ph.D.	00	00	03	00	07	01	11
M.Phil.	00	00	01	00	04	00	05
PG	00	00	01	00	16	00	17
Temporary teachers							
Ph.D.							
M.Phil.					01		01
PG					04	04	08
Part-time teachers							
Ph.D.							
M.Phil.							
PG							

22. Number of Visiting Faculty /Guest Faculty engaged with the College.

05

23. Furnish the number of the students admitted to the college during the last four academic years.

Categories	2010-11		2011-12		2012-13		2013-14	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	20	20	33	19	35	23	41	29
ST	117	32	115	35	129	36	139	50
OBC	71	65	68	73	72	55	76	89
General	476	472	518	514	491	516	473	460
Others	18	10	24	16	28	16	27	14

24. Details on students enrollment in the college during the current academic year:

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	1352	161	Nil	Nil	1513
Students from other states of India	Nil	Nil	Nil	Nil	Nil
NRI students	Nil	Nil	Nil	Nil	Nil
Foreign students	Nil	Nil	Nil	Nil	Nil
Total	1352	161	Nil	Nil	1513

25. Dropout rate in UG and PG (average of the last two batches)

UG PG

26. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) Including the salary component

(b) Excluding the salary component

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes No

If yes,

a) is it a registered centre for offering distance education programmes of Another University

Yes No

Name of the University which has granted such registration.

b) Number of programmes offered

c) Programmes carry the recognition of the Distance Education Council.

Yes No

28. Provide Teacher-student ratio for each of the programme/course offered

Sr.No.	Programme/ Course	Ratio
1	B.A.	38:1
2	B.Sc.	27:1
3	B.Com.	58:1
4	M.A.	03:1
5	M.Sc.	06:1
6	M.Com	11:1

29. Is the college applying for

Accreditation : Cycle 1 Cycle 2 Cycle 3 Cycle 4

Re-Assessment:

(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re-accreditation)

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: 09-10th January 2004

Accreditation Outcome/Result: **B+**

** Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.*

31. Number of working days during the last academic year. 238

32. Number of teaching days during the last academic year 189

(Teaching days means days on which lectures were engaged excluding the examination days)

33. Date of establishment of Internal Quality Assurance Cell (IQAC)

IQAC: 01.08.2004.

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.

Sr. No	Year	Date of Submission
1.	2004-05	30/03/2005
2.	2005-06	15/05/2006
3.	2006-07	20/04/2007
4.	2007-08	21/04/2007
5.	2008-09	01/03/2010
6.	2009-10	21/04/2011
7.	20010-11	29/10/2012
8.	2011-12	29/12/2012
9.	2012-13	25/06/2014
10.	2013-14	25/06/2014

35. Any other relevant data (not covered above) the college would like to include.

(Do not include explanatory/descriptive information)

CRITERION I: CURRICULAR ASPECTS

1.1. Curriculum Planning and Implementation

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

Vision

To inculcate a positive and sound attitude amongst students and inhabitants of this rural and hilly region towards pursuing higher education in various disciplines and to impart qualitative education to make them globally competitive

Mission

Bahujan Hitay Bahujan Sukhay

Mission Statement

- The mission of the parent organization i.e. Pune District Education Association (The trust under the aegis of which this college is run) is "Bahujan Hitay Bahujan Sukhay" which translate to "Welfare and happiness for the masses".
- The mission of this college is an extension of the mission of the trust and is "Welfare and happiness for the masses through higher education".
- This mission we are accomplishing to uplift the under privileged, backward, tribal and deprived sections of this region through higher education.

Objectives:

The objectives of this college revolve round the mission and vision of our trust. The objectives are as enumerated as below:

- To empower the masses, uplift society and achieve social parity through higher education.
- To create confidence of citizens by educating them.
- To provide employment opportunities through quality education.
- To promote entrepreneurial abilities amongst students by providing specialized education.
- To provide opportunities for the weaker sections and girl students to foster their aspirations.
- To bring about a holistic development amongst students by educating them on cultural, ethical values and instilling in them a sense of pride to become successful and good citizens.

The mission and vision of the institution are communicated to the students, teachers, staff and other stakeholders in the following ways -

- Website of the college where in the vision and mission are explicitly stated.
- It is highlighted in the opening page of prospectus of the college.
- Annual college magazine which is widely distributed to various stakeholders.
- Through flex boards, banners which are installed and displayed on various occasions and at prominent places in the local area.
- Principals address during induction, inauguration of various functions, seminars, workshops etc.
- Principal and other faculty addresses during parent-teacher meet, alumni meet and other functions.

- Through word of mouth publicity which is communicated by our students, alumni and other stakeholders who have been witness to our deeds and actions which reflect our mission, vision and objectives.

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

The Institution develops and organizes action plans for effective implementation of the curriculum, for this the institution follows curriculum which is designed by the Board of Studies (BOS) from University of Pune. Under the supervision of principal and the teaching staff, the curriculum is implemented for the student. The teaching staffs of our institution also take part to design the curriculum of the various departments of the university. The institution uses following process for the effective implementation of the curriculum.

- **Staff Meeting:** At the commencement of new academic year, Principal organizes the meeting with the staff members and discusses the issues about curriculum which is designed by BOS, and for the effective implementation of the curriculum various departments prepare yearly planning. If there are any changes in the curriculum suggested by the BOS, it accepts and also discusses with the head of the departments. The suggestions collected from the various academic committees, analysed it and for their effective implementations various policies are formed. The curriculum prescribed by University of Pune is effectively implemented and carried out by institutions. Time-tables are prepared well in advance as per the requirement of the curriculum and keeping in mind the scheme of instruction. The faculty members chalk out and prepare the detailed teaching plan of the syllabus. HOD's and Vice-Principal monitor and evaluate the scheme of instruction and lesson plans. The Principal oversee the entire exercise.

- **Action Plan:** The faculty member of various departments conducts their internal meetings to develop the action plan according to the academic calendar prepared by IQAC as per university academic schedule. After the distribution of workload, the time table is prepared by time-table committee for the effective implementation of curriculum transactions.
- **Departmental Requirement:** At the commencement of new academic year, department wise requirements such as, list of books, instruments, sports equipment, stationary etc. are collected by office and then provides these materials to them. Stationary and journals are made available through consumer co-operative society.
- **Teaching Plan:** The faculty members of each department individually prepare their annual teaching plan which clearly indicates the topics to be taught and number of lectures allocated to respective topics as per the university syllabus. The time table is monitored by time table in-charge, time table committee and Vice-Principal for the effective implementation of it.
- **Teaching Method:** Institution encourages to the teachers for the use of innovative teaching methods such as presentation, discussion, use of L.C.D Projector etc. and also promote to attend workshops, seminars, conferences and to organize industrial visit, study tours etc. in order to update their knowledge with modern trends.
- **Monitoring:** The above practices are monitored by HOD's, Vice-Principal and Principal for effective monitoring and evolutions.
- **Success:** At the end of the each semester principal conducts staff meeting to assess and scrutinize the action plan of entire year, and also discussion is carried out on the activities which are conducted throughout the year. The suggestions, recommendations and the feedback from the faculties are collected and it analyses for the improvement in the curriculum.

1.1.3. What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

Procedural support:

University/Institution has a well laid down procedure of conducting annual plan and departmental meetings. The curriculum prescribed by university of Pune is strictly followed by institutions for all courses. The circulars and notices published by university on its web site are conveyed to the students and faculties of institutions.

Practical support:

- The Vice-Principal supervises the efficient implementation of the curriculum through the heads of departments.
- The University prescribed guidelines for the planning of curriculum is followed through allotting number of periods for each unit and topic.
- For the enrichment of the curriculum, the institution promotes the teaching faculty to attend the Orientation/Refresher Courses to update their knowledge and improve the teaching skills.

Academic support:

- Institution organizes Workshops, Seminars, Faculty Development Programmes, and Computer Skills for the faculty.
- The college allows travelling and daily allowances to faculty members and encourages to them for participation in various curriculum related activities.

Infrastructural support:

- Most of the departments have computer internet facilities and LCD projectors are provided wherever needed.
- Intercom facility is provided for effective communication among the departments.

- Chemicals, charts, models, specimens, instruments, slides and class work materials are made available to the teachers for effective implementation of the curricula.
- The up-gradation and modernization of laboratory and library, provides new facilities for teaching, reference books, journal etc.
- The college has provided an e-library facility to the teachers by taking the membership of DELNET and INFLIBNET for every teacher.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.

The university design and revise the curriculum as per the needs of the society and their stakeholders. The college has taken following initiatives for effective curriculum delivery and transaction on the curriculum provided by the university,

Faculty knowledge up gradation: For the up gradation of the knowledge, the college promotes the faculty members of the various departments, to complete the orientation and refresher courses. Moreover, they are encourages for attending the curriculum workshops, meetings and seminars.

Modern teaching methods: Along with traditional teaching methods, the college make available the modern technological resources like, Audio/Video aids, CD's, Laptops, LCD projector, recent reference books and national and international research journals to the faculty members for the daily teaching.

Guest Lecture: Under the Quality Improvement Programme (QIP), college organizes guest lectures by inviting eminent personalities and subject experts, working in the various fields which fruitfully help to update the knowledge of faculty members and students.

Study Tour: The study tour is the part of university curriculum, by organizing study tours students understand the practical skills and knowledge related to

their respective subject curriculum. Moreover, industrial visits, buy and sell fairs, exhibitions, geographical/historical place visits, help them to improve the practical knowledge. The participants prepare and submit study tour report to the respective department and share their experience by group discussions.

Remedial Coaching: The remedial coaching is provided to the economically backward students. Extra and intensive coaching is given to the weaker students other than regular hours.

Contributions made by the college:

The college provides the following resources for the effective delivery and transaction on the curriculum.

- Internet facility
- Computers in all departments with software and hardware
- Library with adequate number of books and journals
- L.C.D. Projector
- Class room materials (i.e. chemicals, charts, models, instrument etc.)

The college provides grants for attending workshops, seminar, conferences and symposium. The college has provision of seed money to teachers for their research work from academic year 2012-2013.

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalisation of the curriculum?

Industry:

The college has established placement cell which maintains and tie up new MOU's and relations with various industries in the jurisdiction of the district. The representatives of various industries are invited in the college for campus interviews as well as to interact with the students for the employment. The college sends the students of various departments for the industrial visit to update and aware about the latest development in market. Feedback mechanism

and suggestions from the industries help the students to gain better employment after completion of their courses.

Research Bodies:

Institution has tie-ups with University Faculty for delivering guest lectures and organizing Workshops, Seminars and Faculty Development Programmes. It deposes the faculty for departmental meetings and conferences for curriculum development. Researchers and scientists from the various fields are invited for motivation of the students in research activities such as preparation and submission of the research proposals to government funding agencies. The faculty members and students are engaged with various research bodies (UGC, DST, ICSSR, CSIR etc.) and also working on various research projects. In addition to this they present their research papers in National and International conferences. Our institute organized “Science Exhibition” to present the research projects of the students, to create research awareness.

University:

The institute has connected with universities by the following ways.

1. Online admissions for all the courses.
2. Online University examination papers.
3. Online University News and Circulars.
4. Online submission of Research proposals.

1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University?(number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.

- The university has a system of syllabus modification in place to ensure recommendations from the teachers of the affiliated colleges are brought to its notice.

- Faculty members are regularly participating in the academic process through representation on the Board of Studies/Board of Examinations.
- University/Colleges organize seminars, workshops and refresher courses related to curriculum development and the faculty members are invited to be a part of discussions.
- The faculties are regularly assembled to review the curriculum based feedback, from various stack-holders under the academic committee of college. Moreover, our Alumini had been a great support in updating us with the latest Industry trends and changes that help us in creating a better curriculum.

Sr. No	Name of Faculty	Subject	
1	Dr. G. M. Dumbre	Commerce	BOS Member, University of Pune
2	Dr. A. A. Shaikh	Zoology	Participation in Curriculum Revision workshops, meetings of F.Y./S.Y.B.Sc (Zoology)
3	Dr. V. D. Jadhav	Zoology	Participation in Curriculum Revision workshops, meetings of F.Y.B.Sc (Zoology)
4	Prof S. F. Dhakane	Physics	Participation in Curriculum Revision workshops, meetings of F.Y/S.Y/T.Y.B.Sc (Physics)
5	Dr. Rahangdale S. R.	Botany	Participation in Curriculum Revision workshops, meetings of F.Y/S.Y.B.Sc (Botany)

1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university)by it? If 'yes', give details on the process ('Needs Assessment', design, development and planning) and the courses for which the curriculum has been developed.

Our College is affiliated to the University of Pune and it does not offer any degree programmes other than the university programme. Hence, the college follows the curriculum designed by University of Pune. In addition to this the

college offers the following certificate courses for which it develops the curriculum.

I. Needs Assessment:

- To improve the communication skill among the student.
- To increase environmental awareness in students.
- To Improve and update the Computer knowledge.

II. Design and development:

The syllabus of the courses were designed and developed by the faculty members of respective subjects.

III. Planning:

For effective implementation of courses the faculty members prepare teaching plans in according to the syllabus and develop and set up action plan.

1.1.8 How does institution analyze/ensure that the stated objectives of curriculum are achieved in the course of implementation?

The Institution communicates with all the stakeholders to ensure that the objectives of the curriculum are achieved in the course of implementation. The Institution has followed the critical analysis to make sure that the stated objectives of the curriculum are achieved by following points:

- Internal test and assessments, project work, paper presentations, organizing seminars and workshops, skill based programmes and curriculum based training prorammes, surprise tests, unit tests, monthly tests, Open book tests are conducted to monitor the outcomes of the syllabus. Performance of the students are regularly analyzed and communicated to the parents through parents meet. If the college realizes that the stated objectives are not being achieved, the college plans for remedial coaching and strategies are used to cover up the gap.

- In research activities, Minor and Major research projects are undertaken by the faculty member in collaboration with various funding agencies including laboratories, UGC, ICSSR, DST etc. to nurture the culture of research.
- Overall performance of the Institution is reflected through the results and top ranks obtained by the student at the university level, and also through participation in various cultural activities, competitive exams etc. This helps to stakeholder's in obtaining benefits, progression of alumni and building up the brand of the Institution.

1.2 Academic Flexibility

1.2.1 Specifying the goals and objectives give details of the certificate / diploma / skill development courses etc., offered by the institution.

The college offered various regular courses at UG & PG level affiliated to University of Pune. In addition to this the institution recommend the certificate, diploma and skill oriented courses with the following specific objectives.

- Providing course content to meet the requirement of the job market.
- To develop the communicative skills of the students and thereby develop their proficiency in English language.
- To develop competence among the students for self-learning.
- Development of a Society.
- Protection of environment.
- Use of technology
- To encourage and enable the students to develop their personalities.

1.2.2 Does the institution offer program that facilitate twinning / dual degree? If 'Yes' , give details.

No, Our College does not offer any dual degree programmes, but number of college students may be pursuing distance learning certificate courses offered by Open Universities.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability.

The institute having regular core syllabus designed by the university for both Undergraduate and postgraduate courses. The institution provides academic flexibility for students within the prescribed parameters sustained by the university to choose the range of the electives at different courses and levels.

Range of Core/ Elective Options Offered by the University and those Opted by the College

Core Options are :

Physics, Chemistry, Botany, Zoology, Mathematics, Commerce, English, Marathi, Hindi, Economics, Political Science, Public Administration, Psychology. Geography.

Core Option Combinations are :

1. B.Com F.Y. (Fun. Eng, Fina.A/c, Buss. Eco,Math/Stat, Office Mgt, Bank & Fin, CPBE, Add Marathi)
2. B.Com S.Y. (Buss. Com, Corp. A/c, Buss. Eco, Pri. Fun. Of Mgt, Ele. Comp Law, Cost & Work A/C I)
3. B.Com T.Y. (BRFW, Adv. A/c, IGED, Audi. Tax, Cost & Work A/C II & III)
4. B.Sc F.Y (Maths, Botany, Physics and Chemistry)
5. B.Sc F.Y (Zoology, Botany, Physics and Chemistry)
6. B.Sc.S.Y.(Maths, Physics & Chemistry)
7. B.Sc. S.Y. (Botany, Physics & Chemistry)
8. B.Sc. S.Y. (Botany, Zoology & Chemistry)
9. B.Sc. T.Y. (Chemistry)
10. B.Sc. T.Y. (Physics)

11. BA F.Y (English, Marathi, Hindi/Additional English Geography, Economics, Political science/Psychology)
12. BA S.Y (General) (English, Marathi, Hindi, Geography, Economics, Political science, Psychology)
13. BA S.Y (Special) (English, Marathi, Hindi, Geography, Economics)
14. BA T.Y (Special) (English, Marathi, Hindi, Geography, Economics)

Choice Based credit system and Range of Subject Options:

The college is affiliated to University of Pune which does not have choice based credit system at Undergraduate level. But it is started at postgraduate level.

Courses offered in Modular Form:

There is no provision in university for modular form courses. Hence, the college does not offer any modular form courses.

Credit Transfer and Accumulation Facility:

From this Academic Year University started Choice based credit system at postgraduate level. While, for any student seeking transfer from other universities, there is a provision for the transfer of credits after equivalency is established.

Lateral and Vertical Mobility within and across Programmes and Courses

The institution allows the students to change their courses from one program to another at entry level only. For almost all the courses offered at UG level, there is provision for vertical mobility only.

Enrichment Courses:

The following measures are implemented for student enrichment:

- The college has started certificate courses such as Communicative English and Environmental Management. These courses enrich the student abilities to get the employment.
- The college has established a well equipped English Lab and has started certificate courses in Communicative English to improve the communication skills of students.

- Soft Skill Development Programmes also run by the college which built the personality as well as presentation skills of the students. Lectures delivered by the experts help to update the knowledge of the students.
- Mock Interview sessions are held for the students to understand how to face the interviews.

1.2.4 Does the institution offer self financed programmes? If 'yes', list them and indicate how they differ from other programmes with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

Yes, The College has offered self-financed programmes at undergraduate as well as post graduate level. The detailed information about the self-financed programmes is as follows.

A. Self financed UG Courses:

Sr. No	Course
1	F.Y.B.Com.
2	F.Y.B.Sc.

B. Self financed PG Courses:

Sr. No	Course
1	M.A. (Marathi)
2	M.A. (Hindi)
3	M.A. (English,)
4	M.A. (Economics)
5	M.Sc. (Chemistry)
6	M.Sc. (Physics)
7	M.Com.

However, the courses listed above are self financed; the admission process is transparent and based on the merit of the entrance exam conducted by the institution for M.Sc (Physics & Chemistry). For other UG and PG courses the

admission process is on first come first serve basis according to the rules of reservations of Government of Maharashtra and University of Pune.

- The fee structure and the salaries of staff are different from those of aided sections.
- Staff is appointed through a properly constituted University Selection Committee as well as on need basis through local selection committee.

1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes', provide details of such programme and the beneficiaries.

- Department of Chemistry is conducting short term course entitled "Soil Test Examination". The students are collecting different soil samples from local farmers and analyses the soil samples for different contents and the reports are given to the farmer with suitable suggestions.
- Department of Physics is also conducting short term course on "Computer Interfacing and its Application" for the students. These courses are built up the practical knowledge and skills.
- The institution gives special emphasis to develop the employable skills of the students. Counseling, Training and Placement Cell provides additional skills training, to the students to suit the requirements of industry.
- PG Sciences Departments offers advice to the students regarding skill oriented programmes such as CSIR/GATE/SET/NET/Bank examinations.
- Department of Botany provides guidance in the area of tissue culture.

1.2.6 Does the University provide for the flexibility of combing the conventional face-to-face and Distance Mode of Education for students to choose the courses / combination of their choice. If 'yes', how does the institution take advantage of such provision for the benefit of students?

No, the university does not provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses / combination of their choice. But, The students who for some reason may discontinue their studies in the regular degree programmes may be complete their course under external mode.

1.3 Curriculum Enrichment:

1.3.1 Describe the efforts made by the institutions to supplement the University's curriculum to ensure that the academic programmes and Institution's goals and objectives are integrated?

- Various certificate programmes offered by the college for the supplement of the university curriculum.
- These programmes include communicative English, Environment management, Computer Interfacing and soft skill development courses.
- They built up to meet the goals and objectives of the college for preparing the students with relevant knowledge, ability and creativity.
- Every year regular feedback is obtained from the Students, Parents, Alumni, and Visitors with respect to enhance the quality of the programmes. These reports are evaluated by the IQAC and college management committee and if necessary changes are observed then attempts are made to modify in the curriculum.

1.3.2 What are the efforts made by the institution to modify, enrich and organize the curriculum to explicitly reflect the experiences of the students and cater to needs of the dynamic employment market?

- University designed specified curriculum which is followed by the college. However, the Institution is made a full of efforts to provide all the benefits of curriculum to the students. Though, as per the moderate

requirements from stakeholders, society and the end users, the curriculum is altered.

- The curriculum designed by the University is strictly followed by the college. At the time of teaching, our faculties give their own expertise and experience to the students which benefit them to get the confidence while facing their interview for jobs.
- As per the needs of global market, the Institution has taken care to fulfill the requirements based on the assessment of strength and services offered in the campus. To develop the required skills, brain storming sessions are held for the faculty to design the modules in the areas of their respective subjects. Students are achieved their overall development under the guidance of various committees, special training and orientations programmes.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate change, Environmental Education, Human Rights, ICT etc., into the curriculum?

The University as well as Institution try to create awareness on the cross cutting issues like gender, climate change, environment education, human rights, ICT etc and try to take the necessary efforts for the same as follows.

- Programmes on Gender sensitization such as “*Nirbhaya Kanya Abhiyan*” “*Rally on Stree Bhrun Hatya*” “*Gender Equality*” etc.was carried out by college.
- Environmental Awareness subject is taught as per the university syllabus to B.A. B.Sc, B.Com students. Guest lectures on environment awareness are delivered by eminent personalities. Nature club has been formed by the Undergraduate students. Students are enriched their experience from the field visits as part of their assignments and project work. The Institute

celebrates World Environment Day, Earth Day and Geography Day to make them aware of environmental issues and its importance.

- Anti-ragging and women harassment cell is formulated in the college.
- With growing importance of ICT almost in all the fields, the college ensures to integrate ICT component implementation at every stage of educational event. Extensive use of computers, software packages and internet are encouraged to the students to run with global market.

1.3.4 What are the various value added courses / enrichment programmes offered to ensure holistic development of students?

Moral and Ethical values:

- Participation in yoga & meditation programs.
- Self-realization programs.
- Weekly gathering is conducted to enrich students with values & discipline.
- The topics about value Moral and Ethical values are included in the curriculum at the B.A. and M.A. courses.
- The college organizes “Jaykar Lecture Series” to emphasize the moral and ethical values and humanism among the students.
- Environmental awareness course is compulsory to all students at second year. It encourages the students to make the awareness and it's important.
- College organises inter-college and annual sports meet to develop sportsmen spirits among the students

Employable and Life Skills:

- The college knows the communication skills is being play a vital role in overall developments of the students for better career.
- The college offers the following certificate courses for improving the employability skills.

- a) Certificate course in Communicative English.
- b) Certificate course in Environment Management.
- c) Certificate course in Computer Interfacing and its Applications.

Community Orientation:

- Students from Department of Chemistry are collecting different soil samples from local farms, analyses them and the reports are given to the farmer with suitable suggestions for better crop production.
- Community orientation programmes such as blood donation camps are organized.
- AIDS awareness campaign, awareness about hygiene & sanitation, Tree plantation.
- The college is actively engaged in NSS Programs and student volunteers regularly visit surrounding areas and nearby villages to provide awareness on various social, moral and ethical issues.

1.3.5 Cite a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

The college has developed its own mechanism to take the feedback on curriculum from stakeholders and this feedback is analyzed by following ways

- The feedback from stakeholders on academic, curriculum, placement, trends and teaching methodology is collected regularly by IQAC.
- College authority process and submit the analysis report and present it before to the Local Management Committee.
- For the appropriate action, the feedback is communicated to the University through the faculty members who are the member of Board of Studies (BOS) and Board of Examinations (BOE) of the University.

The following are the few examples where feedback has been utilized in enriching the curriculum.

- The current syllabus is partially based on industry market needs.

- The conventional syllabus is modified to the applied form which supports the employability for the students.
- Introduction of Industrial visits, Field Visits, Study tour, in B.A., B.Sc, B.Com, M.Sc programme to enable students to know the Industry and Market requirements.
- Increasing options of Electives in the curriculum for UG and PG courses gives better options to choice the area of specialization.

1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?

To monitor and evaluate the quality of various enrichment programmes the institution has a transparent way. The feedback collected in the form of interactions, discussions and suggestions, which is analyzed by coordinators and the report is submitted to the respective head of the departments. The success and efficiency of these enrichment programs is monitors and evaluates by IQAC committee. This committee conveys the analysis reports to the Principal and the Management Committee from time to time and amends the enrichment programs to meet the desired objectives. The Institution confirms that the program offered in curriculum enriches the importance to National development, Value system, Global challenges, Empowering women and Use of Technology and it seeks to address the all round development of the students enrolled in the various academic programs it offers.

1.4 Feedback System

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

Contribution of the Institution towards design and development of the Curriculum are as follows:

- The Institute always motivates its faculty to work on various statutory bodies of the university such as Board of Studies, Board of Examinations etc. The results of the feedback mechanism are communicated to the statutory academic bodies for appropriate inclusion and necessary actions.
- Feedback from current students is obtained informally as well as formally through discussions at regular intervals and in written format.
- The interaction with alumni provides the strengths and weakness of the curriculum. Although, the suggestions is obtained from academic peers during their visits to the college as invitees for seminars and workshops, and as external examiners. Moreover, the ideas from industry persons during the time of placement process at the campus are taken in to considerations for the improvement of curriculum.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

The Institution has obtained feedback as follows.

- Students filled feedback forms are collected at regular intervals, mainly at the end of each semester/academic year and suggestion boxes are kept at library and other prominent places to collect the regular suggestions from the students.
- Parents Feedback taken during parent teacher meets, annual day and during informal visits to the college by the parents.
- Alumni Feedback is taken through oral interaction during alumni meets.
- Teachers Feedback is collected during academic planning, peer visits for seminars, Workshops and as external examiners.

- Industry suggestions and feedback is obtained during placement interviews, guest lectures, plant visits, visits to the college by industry professionals and industrial visits.

Suggestions received are forwarded to the IQAC for review and effort is made to communicate any major changes to the University for Formal Revision of the curriculum through members of BOS. The following possible changes is carried out and is as follows.

- Addition of academic and learning resources such as e-journals, e-books, e-references.
- To encourage research, introduction of independent learning is evolved.
- For social and environmental awareness addition of outreach programmes in regular curriculum.
- For enhancing teaching/learning process addition of ICT program in the curriculum.
- Introduction of Certificate Courses, Add on Courses and short term courses find importance in the college curriculum.
- Soft Skills Development program enhance and built the overall personality of students.

1.4.3 How many new programmes were introduced by the institution during the last four years? What was the rationale for introducing new courses / programmes?

The college has started three Post Graduate courses and three short term certificate courses during last four years and these are as follows.

Sr No	Course	Year
1	M.A.(Economics)	2010-2011
2	M.Com	2013-2014
3	M.Sc.(Physics)	2013-2014
4	Certificate Course in Environmental Management	2013-2014
5	Certificate Course in Communicative English	2013-2014

6	Certificate Course in Computer Interfacing and its applications	2013-2014
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Any other relevant information regarding curricular aspects which the college would like to include.

- The IQAC of the institution has been strengthened and is continuously monitoring curricular aspects through various committees and feedback mechanism for the sustenance of quality.
- A systematic analysis is carried out for the curricular aspects from time to time by ADC.
- Communication skills and ICT are being given top priority.
- Special care is being taken for the inclusion

CRITERION II: TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 How does the college ensure publicity and transparency in the admission process?

Publicity:

- The institution has a good reputation since it was established in 1970 as the first UG College with Science faculty at a Grampanchayat level in Pune district in the State of Maharashtra.
- It has also awarded as 'Best Institution' by the State Government of Maharashtra in 2000. Over the period of 46 years, it has been progressed in the spherical manner with encouraging strength of students in three disciplines i.e. Science, Arts, and Commerce by upholding a transparent admission process.
- As per the guidelines of university of Pune the information regarding the dates of admission for various UG and PG courses, intake capacity, eligibility criteria, admission procedure etc. have been provided in a systematic manner.

For the purpose of ensuring publicity and transparency in the admission process, the following resourceful efforts have been made by the college:

Sr No	Medium	Implementation status
1.	College Prospectus	A Separate prospectus for undergraduate and postgraduate programmes is published every year by providing the information about the campus profile, details of academic programmes, dates of admission, intake capacity, eligibility criteria, fees concessions, scholarships, and the host facilities and opportunities offered by the college.
2.	Handbills/ pamphlet	Handbills/ Pamphlets about the admission to various UG and PG courses by highlighting the salient features of the college are also circulated in regional newspapers to enhance the qualitative and quantitative strength of the students.
3.	Notifications and Banners	Notifications are displayed on the notice boards of Grampanchayats and banners are also put up at prime locations in Otur and nearby villages in the region.
4.	Notices	Notices are released on college notice boards regarding

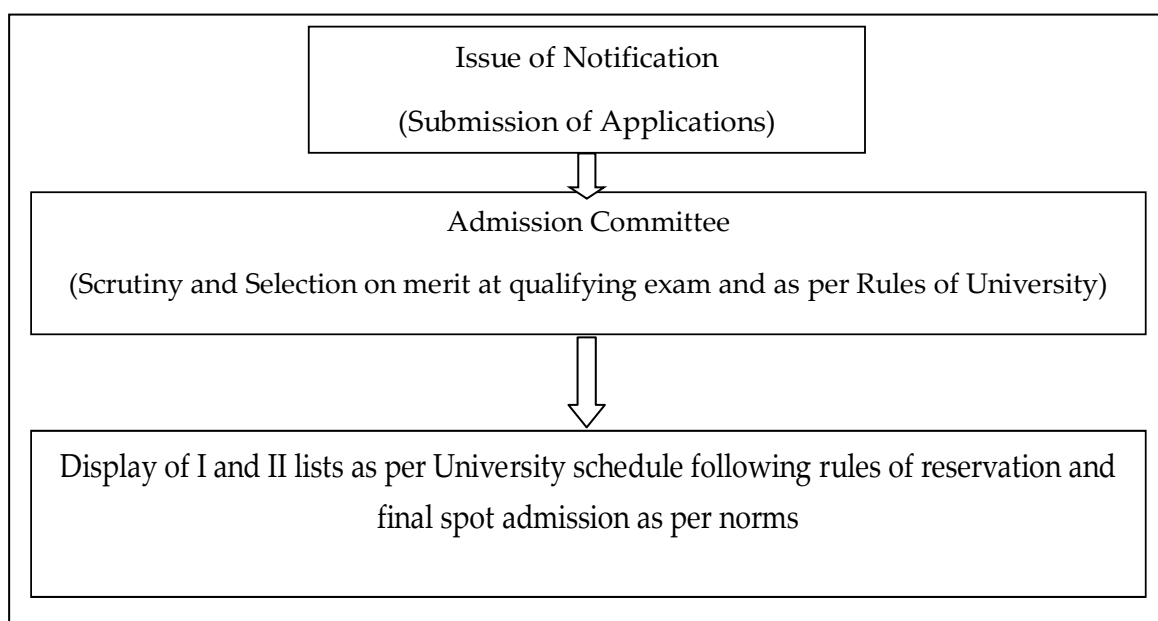
		admission for the sake of convenience to the students who would like seek admissions in the college.
5.	Visits to Jr. Colleges	Visits to the nearby junior colleges are arranged to in order to motivate that students to join in our college apart from the Jr. wing of the College.
6.	Admission Committee	An admission committee consisting one faculty member from each of the discipline is constituted for the guidance and counseling to the students at the time of admission.
7.	Institutional Website	Institutional website has been developed in a couple of years. Complete details are placed on the website to get online access of essential information about the college

Transparency:

- The college follows the academic calendar which is designed before starting the admission process by considering necessary directives for UG and PG courses issued by the University of Pune.
- The college strictly observes rules and regulations of reservation as prescribed and amended from time to time by the Government of Maharashtra.
- The fees structure and other details are displayed on the notice boards well in time and assistance regarding the same is also provided by the admission committee during the stipulated period of time.
- The college has also taken care that no any student deprived from the admission to any discipline on the ground of economic background, caste, religion, social and culture.
- Hence, the transparency is maintained and assured in the entire process admission from the issue of the notification till the end of admission.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

- The college offers Arts, commerce and science courses for undergraduate and post graduate levels.
- As per the guidelines of the university, the admissions will be started well in time and ended either after the fulfillment of intake capacity or last date as prescribed by the university.
- The admissions are given on 'First Come First Service' basis with observance of our Moto '*Bahujan Hitaya and Bahujan Sukhaya*' and '*Education to All*' the policy of the State Government of Maharashtra subject to the norms of reservation policy of the government.
- However, the admissions to M. Sc. (Chemistry) and M.Sc. (Physics) (started in 2012-13) are given on the basis of merit of qualifying examination and common entrance test which has been conducted by the parent institute.
- In the total intake capacity of M.Sc. courses 10% seats are reserved for the students of other Universities subject to the merit of entrance test.
- As an affiliated college, it does not have any autonomy to decide any cut-off percentage for admission for any programme.



2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district. (2011-12).

- The college admissions to all programmes are strictly given on the basis of eligibility conditions of respective programmes as lay down by the university.
- As far as the eligibility criteria are concerned, minimum percentage of marks for the admission at entry level for each of the programmes is already prescribed by the university but there no ceiling limit on the maximum percentage of marks.

The minimum and maximum percentage of marks of students admitted to each of the programmes at entry level for the year 2012-13 and 2013-14 are summarized as under:

Academic Year 2012-13

Programmes (UG& PG)	Open category (%)		SC/ST category (%)		OBC (%)	
	Highest	Lowest	Highest	Lowest	Highest	Lowest
U.G Courses						
B.A.	78.67	39.33	74.50	41.67	74.83	40.00
B.Com	77.73	40.00	67.17	49.00	74.00	53.67
B. Sc	78.67	39.33	50.17	43.33	65.33	39.17
2..P.G. Courses						
M.A. – Marathi	62.21	45.00	66.66	51.66	69.5	65.00
M.A.- Hindi	69	57	69.00	50.00	NIL	NIL
M.A. – English	65.63	50.13	NIL	NIL	65.00	58.67
M.A. Economics	70.16	50.00	63.00	53.00	NIL	NIL
M.Com.	67.33	48.06	50.00	49.83	NIL	NIL
M.Sc. Chemistry	80.00	59.24	NIL	NIL	63.00	NIL

Academic Year 2013-14

Programmes (UG& PG)	Open category (%)		SC/ST category (%)		OBC (%)	
	Highest	Lowest	Highest	Lowest	Highest	Lowest
U.G Courses						
B.A.	72.00	37.30	77.83	38.00	72.50	39.43
B.Com	77.17	40.17	64.67	38.50	80.00	38.83
B. Sc	71.50	40.50	54.17	47.00	59.00	46.50
2..P.G. Courses						
M.A. – Marathi	68.00	47.00	51.75	NIL	71.00	NIL
M.A.- Hindi	69.00	61.00	NIL	NIL	NIL	NIL
M.A. – English	64.00	61.00	60.00	NIL	65.00	51.91
M.A. Economics	80.00	52.00	57.00	55.25	63.05	50.00
M.Com.	72.33	45.75	66.00	54.00	67.00	53.58
M.Sc. Chemistry	71.46	49.75	64.58	NIL	68.08	58.00
M.Sc. Physics	87.33	63.83	NIL	NIL	80.77	67.89

Comparison:

- The Institution as compared to other colleges within the City / district has a good track record of getting applications under UG programme and all seats are filled up.
- Majority of the PG seats are filled in 1st phase of counseling conducted by University of Pune.
- The college tried to collect the programme-wise statistic of admissions from other colleges nearby the area for comparative analysis but they are not willing to share such information.

2.1.4. Is there a mechanism in the institution to review the admission process and student profiles annually? If yes, what is the outcome of such an effort and how has it contributed to the improvement of the process?

Yes, each year on completion of admissions, the whole process is reviewed by the Principal and Admissions Committee. IQAC also provides inputs.

- Faculty wise review of admissions is taken by the admission committee every day during the period of admission and reported to the Principal of

the college. The Principal thereafter issues necessary directions by making due discussion with Vice-Principals and Heads of the Departments.

- At the end of admission process, faculty wise final review of admissions is taken in the staff meeting and meetings of Heads of Departments and necessary measures will be taken to improve the admission policy and procedure for the next academic year.
- The admission process is carried on ETH system. Each and every student get computer generated admission receipt, enrollment number, as well as roll number at the time of admission. The roll number as given to the student should be maintained same throughout year. This system also facilitates to the teachers and authorities to get update information in respect of student profile, class-wise enrollment, and category-wise admissions for each class, highest and lowest percentage of marks of the students in each class and even the total students admitted in the college.
- Subsequently, the process of filling up the forms for University eligibility is initiated to saves time of students and ensures to get eligibility from the University to every admitted student.
- Every year the College undertaking the process of filling up GOI (Government of India) scholarship forms, forms such as STC, PTC and EBC for eligible students at the time of admission. This creates awareness among the students regarding financial assistance available from the government and they are also encouraged to select for the same well in time.
- In all, these efforts helped to obtain the required number of admissions for each programme and builds good image of the college in the area.

Outcome:

The outcome of this process in the past years is motivated as there is improvement in the process of the college achievements such as.

- Computerization of Student Academic Database.

- Reduction of clerical and physical resources in the admission process.
- Student requests are process out at the earliest for bona-fide, ID cards, Library cards and Transfer Certificates etc.
- Identification of students from weaker sections of society, keeping track of the student's attendance and performance regarding academic and extracurricular activities.
- Adoption of customized software packages for admissions, fees and accounts.

2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion

- SC/ST
- OBC
- Women
- Differently abled
- Economically weaker sections
- Minority community
- Any other

Strategies adopted to create access as follows

- The acute awareness regarding the admissions is created through the notices, pamphlets and providing counseling during the process of admission to the students belonging from deprived community, women, differently abled, economically weaker sections, sports personnel, etc.
- The relevant information about the policies and schemes of the government, available to these sections is disseminated in the prospectus and even displayed on the acrylic boards in the college premises. Beside,

eligible students are also guided during admission to apply in prescribed format for the scholarships, free ships, EBC, etc.

- Access is ensured by strictly observing the reservation policy (for SC, ST, OBC, VNT; etc) of Government of Maharashtra as shown in following table and care has been taken that the students from these communities shall get benefited in maximum numbers.

Sr No.	Category	Reservation in %
1	OPEN	48
2	SC	13
3	ST	7
4	VJNT	3
5	NT B	2.5
6	NT C	3.5
7	NT D	2
8	OBC	19
9	SBC	2
	TOTAL	100

- There is a specific 33.33 % reservation is secured for admissions to female students. However, with the first come first serve basis, equal opportunities are given to them in the admissions for each programme. As results, the overall strength of women students in the college has increased year by year. It is now around 50% in the last two years.

The percentage-wise profile of Student enrolment in UG and PG programmes for last four years is summarized in the following table.

Category	2010-11		2011-12		2012-13		2013-14	
	Male	Female	Male	Female	Male	Female	Male	Female
SC Students	20	20	33	19	35	23	44	29
ST Students	117	32	115	35	129	36	140	50
VJNT	17	08	23	12	25	11	24	13
OBC students	71	75	68	73	72	67	76	79
Handicapped	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
SBC	2	2	1	1	0	1	NIL	NIL
Open	476	472	518	509	491	514	484	460
Total	703	609	758	649	752	652	768	641

Following table shows the number of students availed the benefits of government scholarships/free ships, etc.

Categories	2010-11	2011-12	2012-13	2013-14
SC Scholarships	05	12	28	37
SC free ships	NIL	NIL	NIL	NIL
OBC scholarships	16	28	39	52
OBC Free Ships	NIL	NIL	NIL	NIL
NT scholarship	05	03	14	11
NT Free ships	NIL	NIL	NIL	02
SBC scholarships	01	00	02	02
SBC Free ships	NIL	NIL	NIL	NIL
ST scholarships	143	151	127	178
ST free ship	NIL	NIL	NIL	NIL
SavitribaiPhule scholarship	15	00	04	14
EBC	842	847	820	539
Any other specify	NIL	NIL	NIL	NIL
Total	1027	1041	1034	835

- For economically weaker sections, there is EBC facility from the Government of Maharashtra which is properly conveyed to the students well in time.
- Fee concessions are also given to poor students at the college level with the permission of Institution. Fees of economically backward and deserving students have been recovered from the financial assistance received for 'Earn and Learn Scheme' by giving participation to them in that scheme.
- The students who seeking admissions to the self- financing (i.e. non-aided) programmes, the facility of making payment of fees in installments are given. Besides this, in year 2013-14, drought relief fund of Rs. 42, 000 has been obtained from Nationalist Congress Party and distributed @ Rs.2000 to 21 drought distressed P.G. students of the college.

2.1.6 Provide the following details for various programmes offered by the institution during the last four years and comment on the trends, i.e. reasons for increase /decrease and actions initiated for improvement.

- Considering demand of students, the college has newly started self-financing divisions of B. A., B. Com and B. Sc. programmes in the academic year 2010-11.
- In order to cater, the need of the students for post graduate education, the college has also started self financing programmes such as M.A English, M.A Economics, M.Com, and M. Sc. Chemistry in 2008-09 and M.Sc. Physics in the academic year 2012- 2013.
- During last two years, the demand ratio and strength for B.Com, M.Com, M. Sc Chemistry, and M.Sc. Physics is satisfactory.
- For the UG courses like B. A., B. Com., and B.Sc. strength of students and demand ratio is almost same for last 5 years.
- However, for the courses like M.A. Marathi, M.A. Hindi, M.A. English and M.A Economics strength and demand ratio is decreased during last 2 years.

The details of the students application received, students admitted and their demand ratio are as follows.

Program	Number of applications Received				Number of students Admitted				Demand Ratio			
	2010-11	2011-12	2012-13	2013-14	2010-11	2011-12	2012-13	2013-14	2010-11	2011-12	2012-12	2013-14
U G Programmes												
B.A	567	558	567	535	567	558	567	535	1:1	1:1	1:1	1:1
B.Com.	228	376	396	409	228	376	396	409	1:1	1:1	1:1	1:1
B.Sc.	216	279	300	319	215	276	299	301	1:09	1:09	1:09	1:09
P.G. Programmes												
M.A												
Marathi	32	33	26	11	32	33	26	11	1:1	1:1	1:1	1:1

Hindi	24	20	10	04	24	20	10	04	1:1	1:1	1:1	1:1
English	34	37	24	07	34	37	24	07	1:1	1:1	1:1	1:1
Economic s	34	22	14	19	34	22	14	19	1:1	1:1	1:1	1:1
M.Sc.												
Chemistr y	48	46	31	29	48	46	31	29	1:1	1:1	1:1	1:1
Physics	-	-	-	26	-	-	-	26	1:1	1:1	1:1	1:1
M.Com												
M.Com	68	41	46	65	68	41	46	65	1:1	1:1	1:1	1:1

Reasons and efforts: For all UG courses, there is nearly constant strength of students as well as demand ratio. However, there is sharp declined in strength of students for PG programmes like Marathi, Hindi, English and Economics.

2.2 Catering to Diverse Needs of Students

2.2.1 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?

- College facilitates admission of differently abled students in various courses according to merit and reservation.
- The college is fully adhering to government policies and adopts policy measures based thereon to cater the needs of differently abled students.
- Classrooms are located on the ground floor so as to help them to move easily using ramps where possible and Wheel chairs are provided for differently abled students if necessary.
- They are also cared at the time of admission as well as during the course of college time. On the production of proper certificate of disability, an extra time is allotted or writer is allowed for handicapped students in examination as per the rules of University of Pune. Beside, separate seating arrangement is made for the physically disabled students for examinations.

- The Institution provides them with the tools and support services to participate fully in academic environment so that they become more independent, build self awareness, learn self advocacy and meet the academic requirements.

2.2.2 Does the institution assess the student's needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.

- College is affiliated and observes all the rules and regulations as prescribed by the University of Pune. Therefore, there is no an independent mechanism either laid down by the university or college itself to assess student's need in terms of knowledge and skills before the commencement of undergraduate programmes.
- As per the Government and University norms the students who passed H.S.C./MCVC and the students who qualified their UG have upward mobility to pursue their graduation and post- graduation respectively. Thus, eligibility criterion given by the University is to be followed while admitting students into various UG and PG programmes. However, for the sake of convenience, we consider their percentage of marks at H.S.C. / MCVC and UG for assessing the knowledge level of students.
- In addition to this college consider the general assessment criteria during admission, counseling and before commencement of program as follows.

Criteria during Admission

- Academic/Co-curricular History
- Aspirations
- Social Background

Criteria during Counseling

- Aptitude
- Professional Competencies

Criteria during Commencement of program

- Communication(written and spoken) Skills
- Analytical Abilities
- Basic Computer Skills

2.2.3 What are the strategies drawn and deployed by the institution to bridge the knowledge gap of the enrolled students to enable them to cope with the programme of their choice? (Bridge /Remedial/Add-on/Enrichment Courses, etc.)

- The syllabus of First Year UG programme of the University is already well designed to galvanize the overall approach of the students towards the discipline. Hence, there is no need to design and deploy any strategy to bridge the knowledge gap of the enrolled students for First Year UG and PG programme. However, at first year UG level, first few lectures are conducted to clear the basic concepts of the subjects.
- In addition remedial teaching is carried out through special lectures under quality improvement programme and expert's lectures have also been organized at departmental level.
- The college adopts inventive approach after the first year UG programmes and offered various optional subjects at UG and PG levels in the programme as per the choice of the students.

For purpose of bridging the knowledge gap of such UG and PG students and to enable them to cope with the programme of their choice, the following means has been adopted by the college:

- Extra classes are arranged for catering the diversified needs and to cope-up with the problem of knowledge gap within the students.
- The college has conducted remedial coaching for needy students those showing poor performance in the class.

- Continuous evaluation of students by teachers, provision of study material in terms of notes, etc. also made to bridge the knowledge gap of the enrolled students.
- The personal interactions of students with teachers during practical sessions are conducted to clear subject related queries if any.

Beside, for the overall development of the students and their further carrier, the following means are also adopted:

- The special guest lectures are arranged under soft skill development programme to augment their personalities.
- Communicative English certificate course is conducted to improve their communication skills.
- Environment Management Certificate course is also introduced to aware the students about environment.
- Induction lectures of eminent persons are also organized to encourage them to choose their career as their need.
- Guidance for Competitive Examinations through the experts is also provided.

2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment, etc.?

The college has make its staff and students sensitize with the issues of gender, inclusion, environment by the following practices and programmes –

Gender

- The Cultural Committee of the College has organized cultural activities in annual gathering with the cheerful participation of the boys and girls. It also organized some social functions like *Women's Day celebration, Stree Samanta, Nirbhaya Kanyaa program, Savitribai Fhule Jayanti* etc pertaining to social sensitive issues.

- “Vidhyarthini Manch” of the college organized the competitions like Rangoli, Mehendi and Lectures of Eminent women guest speakers, on Aids, Health Education, Sex education, Girl Child Abused, Save Daughter, etc for the girls’ students to awaken their self-esteem. Besides this, examples of Noble Ladies of the country are enumerated through the guest lectures on special occasions before the girls for their inspiration and empowerment.
- The College has instituted Special Committees like Women Grievances Redressal Cell, Women Anti- harassment Cell for promoting gender friendly and gender equality

Inclusion

- The college has ensured inclusion of students as well as staff from all the classes of society through the implementation of reservation policy of government in the admission process and appointment process respectively.
- College believes in creating a learning environment that is equally beneficial to all students.
- Village outreach programmes for the under privileged sections of society.
- College believes in the benefits of increased diversity and promotes inclusion in education.
- The college has maintained student friendly environment and the teachers are always accessible to students during college hours. Beside, the students are also allowed by teachers to contact them whenever need arises, few students are interacting the teachers through face books, e-mails, SMS, etc.

Environment

- Sensitization of students on issues of environment by incorporating measures like limiting use of Plastics, smoking ban on campus, Construction of rain water harvesting pits, setting up of Vermi-compost pits and use of energy saving devices.
- Organizing awareness programmes such as vehicle pollution control, use of medicinal plants, use of environmental friendly products during festivals etc., sensitizes the students towards the environment.
- NSS and NCC department of the College has conducted 'Green Campus and Healthy Campus activity' through their volunteers at every Sunday. This department has also organized 'Winter Camps' in nearby Villages and carried out the activities like Gram Swachhatta (cleaning public places in villages with the participation of villagers), Pani Adawa Pani Jirawa', Tree Plantation, Clean Village Programme, Vanrai Bandhare Hagandari Mukta Gaon, Construction of Small bridges etc with the participation of the NSS male and female volunteers.

2.2.5 How does the institution identify and respond to special educational/learning needs of advanced learners?

The College identifies and responds to special educational/learning needs of advanced learners in the following ways:

- Asking suggestions regarding educational and learning needs and any innovating needs of the students, their parents and teachers through a suggestion box.
- Genuine personal needs of learners are identified and responded with by intervention between the members of student council and office bearers.
- Learning needs of advance learners as well as slow learners are also analyzed by feedback forms facility.
- Free accesses are also made by the teaching staff during their lectures.

- Building advance learner-teacher relationship by maintaining healthy environment.
- Motivational talks and trainings by resource persons from outside as well as inside the institution are provided to the students.
- Intensive Coaching facility is provided at each department according to the requirement of the advance learners of each faculty before their Annual Exams.
- Advanced learners especially from commerce faculty are motivated and helped to initiate their career advancement through ICWA, CA, Company Secretary, and management studies by arranging induction lectures.
- All possible efforts have been taken on departmental level to achieve higher grades, more academic honors, and awareness of capabilities, objectivity and research perspective in the students.
- College has organized various programmes like Youth Awareness, Talks on Advanced Issues, Health Building, Communicative Skills, Soft Skill Development programs, etc.
- In case of PG programmes, for advanced learners projects, challenging problems, etc. are assigned.
- Special Lectures, Induction and Career Guidance lectures by eminent resource persons are organized under Commerce Association and Science Association.
- Participation of students in AVISHKAR to enhance their research ability.

2.2.6 How does the institute collect, analyze, and use the data and information on the academic performance (through the programme duration) of the students at risk of dropout (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc.)?

The data and Information regarding the academic performance of the students at the risk of drop-out has been collected by the following ways:-

- Tracing class-room attendance of students.
- Scores obtained in Class Test, Semester End Examination, Term End Examination, University Examination, etc.
- Individual interaction with students in questions hours in the class.
- Consulting by the Head of the Departments and the teacher guardians with parents.
- Informal discussion during contact teaching

The communal data has been compiled and analyzed by concerned departments and reported to the Principal. The Principal and Head of Departments with respective teacher guardians have unanimously discussed on the issues and take preventive measures in the following manner.

- Formal or informal counseling is carried out to student in order to improve their class-room attendance, presentations skills, writing skill, etc.
- Special hints for writing answers to specific questions, problem solutions, etc are provided to slow learners according to their requirement.
- Instructive support beyond regular college hours is provided to the students at risk of dropout by the teachers in each department.
- The female students those who have discontinued their education due to marriages and employment are encouraged to continue their education.
- Weak and slow learning students are supplied with question bank and are advised to practice proper answers.
- Personal as well as academic counseling is provided to the students at risk of dropout and motivate them to improve their class performance.
- The parents of these students are awaked by their wards performance and motivated them to participate in their wards academic process.
- Students who are at the risk of drop-out due their financial problems are provided financial help by the institution.

- Students who are from economically weaker sections are helped to get them financial assistance from government.
- The students who are unable to attend the college during regular due to the responsibility of family affairs, the science departments get arranged the flexible schedule particularly for practicals so that they can manage themselves to attending college.
- For students' at risk of drop out due to economical reasons, the college provides economic support through 'earn and learn' scheme as well.
- The remedial coaching is provided to the economically backward students.
- Extra and intensive coaching is given to the weaker students other than regular hours.

2.3 Teaching-Learning Process

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc)

The college has two vice principals worked as an Academic Coordinators to oversee the teaching, learning and evaluation schedules. The college is plan and organizes teaching, learning, and evaluation schedules in the following manner:-

Academic Calendar:-

- Academic Calendar is prepared at the beginning of first term of every year by the academic calendar committee in the light of university schedule by making due discussions with the all departmental heads, sports department, NSS department, and NCC department as well as time table committee and examination committee of the college.
- Copies of academic calendar are circulated to all departmental heads and chairmen of the committees for further communication to the Students and staff.

Teaching plans:-

- Teaching plans are prepared by the subject teachers and submitted to the Heads of the Department at the beginning of the first and second term/semester of the every academic year. Beside this, one copy of the teaching plan is submitted to the Principal.

Teaching Schedule:-

- Time Table Committee consisting members of each faculty has prepared faculty-wise and overall teaching time table at the beginning of every academic year in the light of academic calendar.
- Copies of faculty-wise time table are displayed on the common notice board and notice boards of respective faculties well in advance for the sake of convenience of staff and students.
- A copy of overall time table is submitted to the principal for overall supervision and control of entire teaching process of college.
- The time table is strictly followed by all the faculty members of the college. However, any faculty member is being on leave, his periods are carried over by the other faculty members as per the adjustments made by him in his leave application which is approved by the respective head of the department.

Practical Schedule: -

- Time tables for practical papers is prepared by the concerned department and by getting approval it displayed on notice board of the department for the staff and students well in time.
- Each copy of the same is submitted by the head of department to chairman of time table committee and the principal of the college.

Examination schedule:-

- All university examinations are scheduled and conducted as per the time table and guidelines issued by the university.

- As far as internal, term end and mid-semester examinations are concerned, the Examination Committee designs examination schedule for each of the examinations in the light of academic calendar for such examinations and are notified well in time to the respective departments and students by issuing notices.
- In addition, schedules for class tests, tutorials, seminars, presentation are prepared and managed by each individual department on its own level.

Evaluation Blue prints:-

- Schedules for internal centralized assessment, projects, practical, announcement of results, revaluation of papers, etc are prepared and managed by the examination committee by making announcement through the notice to the concerned well in advance.

2.3.2 How does IQAC contribute to improve the teaching–learning process?

The Internal Quality Assurance Cell (IQAC) with the motto ‘Bahujan Hitaya Bahujan Sukhaya’ of the institution contributes in the following ways to improvement the teaching–learning process

- It provides guidelines to the staff in preparing teaching plans and execution of them.
- It evaluates self appraisal forms by furnishing the same and after getting filed up by the teachers.
- It makes proper communication and co-ordination among the different departments and committees and takes initiate in the activities of academic and extracurricular as well as in the governance of the college.
- It formulates and implements strategies to improve overall class room teaching environment in the college.
- It prepares and submits for proposals for financial assistance from UGC and university under the different schemes to nurture quality in teaching-learning process.

- It makes sincere efforts for accelerating research activities among the faculty by way of filing proposals for minor and major research projects with the funding agencies. Beside it motivate the faculty members to get registered for M. Phil and Ph. D.
- It also encourages to students to participate in college level and university level and also state or national level academic and research activities
- It provides encouragement to the faculty for publications and presentation of research papers in the university, state, national and international level seminars and conferences.
- It organizes short training sessions for teachers in ICT and multimedia.
- It is planned and purchased computers LCD projectors and other teaching aids through the purchase committee of the institution in order to optimize and integrate modern methods of teaching,
- It makes all efforts for ensuring timely, efficient, and progressive performance of academic activities in the college.

2.3.3 How learning is made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning, and independent learning among the students?

The principal, vice principals and IQAC Coordinator have made fully awareness about the student-centric learning among all the faculty members and students comprehensively through the meetings and personal interactions from time to time. In the institution, the following support structures and systems are made available for student-centric learning;-

- Students are guided and prepared to contribute in different competitions like debating, essay writing, poster presentation, and project presentation which are conducted by the other intuitions, university and also by the government

- Seminars, project works, group discussions and presentations being an integral part of syllabi are encouraged the PG students to present their creative thoughts and also obtain practical experiences.
- In order to make learning more interesting and collaborative, Maps, models, charts, posters, and diagrams are also used.
- Students are given individual/group projects and home assignments to help them understand the subject in detail.
- For making learning more interactive and collaborative, problem solving sessions especially for the students of science and arts faculties are arranged to solve all sorts of problems pertaining to their curriculum and also given open opportunity to ever one for questioning and discussion with the teachers.
- Some innovative lectures are arranged to certain current burning issues, irrespective of any stream of knowledge, in order to make them awaked and to serve the objectives of collaborative learning.
- Use of computers, instruments, charts, diagrams, models, internet facility, etc as made available in the commerce lab, language lab, self-activities assigned under soft skill development programmes and use of several reference books from the library serves the objectives of independent learning.
- Excursions as arranged by the departments for the students are helped to develop, feeling of togetherness, obedience, discipline, adjusting behavior etc among them.
- Informative Lectures of Experts as organized for students have fruitfully facilitated to them to share information and to get lifelong knowledge about various innovative fields.
- Students get motivated by the faculty to join NSS and NCC and made them more responsive to the social issues and issues of the country.

- College has established a good platform for the students to express their creative thoughts and to improve their writing skills by publishing of college magazine named 'CHAITAINYA' every year.
- Students at departmental level are planned, organized, and controlled welcome and farewell celebrations as group activities and get experience of lifelong learning of event management.
- For the students of commerce faculty particularly induction and guidance lectures professionals are arranged for the facilitation in the selection of career as per their choice as well as nurturing professional skills among them.

2.3.4 How does the institution nurture critical thinking, creativity, and scientific temper among the students to transform them into life-long learners and innovators?

The College is especially striving for nurturing critical thinking, creativity, and scientific temper among the students as the ultimate goals of higher education through its various activities. In addition to the teaching- learning activities, the college provides free opportunities to develop themselves by taking part in inter-collegiate activities, intra-collegiate as well as co-curricular and extra-curricular activities. The Following summarized activities are performed by the college for nurturing critical thinking and scientific temper among students:-

- Organized several cultural programmes annually in order to expose inborn hidden potentialities within the students.
- Exhibitions, poster presentations, etc. are organized on special occasions for the students to garner scientific temper and creativity among the students.
- Prepared and motivate the students for active participation in research festivals like Avishkar, Anvension, organized by the university and College.

- Organized science oriented intellectual competitions like Science Exhibition, Projects Presentation, Poster Presentation, Photography etc to acquire technological hand on skills by the students.
- Students are frequently oriented by senior teachers and external educationists to remain thirsty for knowledge.
- Promoting writing of students in college magazine.
- NSS and NCC activities also develop a sense of social work and discipline among the student community.
- College through the NSS winter camp planned and organized various activities and competitions to develop critical thinking and creativity among students about society.
- Expert lectures on recent advances in respective disciplines are arranged for students and teachers.
- College provides encouragement and support to the students to participate in quiz, poster making, street play, essay, elocution, debate, etc, competitions organized by it and by other intuitions.
- Creative corner is provided at the entrance in the library where creation, important articles on scientific innovations and new developments are exhibited by the students.

2.3.5. What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning-resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.

As far as teaching and learning is concerned, college has sufficient number of books CD's magazines, Journals, periodicals, newspapers, on-line journal e-journals free access etc. in library. College has also online library membership with INFLIBNET-N-List, DELLNET.

Beside these, the College has provided the following modern amenities:-

- Well equipped laboratory facilities with requisite software are available in UG and PG departments of Physics, Chemistry, Mathematics, Commerce, English and Zoology.
- Teaching is made effective through social networking with libraries, video conferences and use of educational CDs etc.
- The institution ensures effective learning experiences by providing Audio-visual room, LCD, OHP, Internet facility and multimedia facility.
- Total Eighty three Computers and three Laptops are available in college.
- Internet connectivity is available in all departments, library and in office.
- Facilities for free e-books downloading, e-notes, diagrams, photos, etc. through the websites are made available to the students and teachers.

2.3.6 How are the students and faculty exposed to advanced level of knowledge & skills (blended learning, expert lectures, seminars, workshops etc.)?

Institution is ready to flourish the blended learning options. For this purpose, the expert lectures are arranged for students as well as for the faculty of respective discipline. In order to get advanced level of knowledge, faculty-wise research journals are subscribed as well latest reference books are purchased by college. Students and faculty are exposed to advanced level of knowledge and skills by following ways:

Teachers are attained and exposed their advanced level knowledge through:-

- Referring latest books and journals and other reading available in the library.
- Attending orientation and refresher courses organized by UGC specifically in knowledge advancement in a particular subject or in general too.

- The college deutes faculty for Quality Improvement Programme (QIP), Faculty Improvement Programmes (FIP), Faculty Training Programme (FTP) in coordination with UGC, DST, ICSSR and University.
- Innovative approaches such as e-group assignments and projects are carried out.
- Participating in conferences and seminars organized by the college as well as organized by other institutions.
- Presenting research papers in State, National and International Seminars, Conferences, etc.
- Publishing research papers in national and international journals.
- Publishing text and reference books by reputed publications.
- Editing of books of publications.

Students attain and expose their advance level knowledge by:-

- Attending expert lectures specifically organized by the college on the themes like communication skills, retailing, accounting, taxation, econometrics, organic and inorganic chemistry etc.
- Participating in seminars, presentations, project preparations, bridge courses, etc.
- Conducting prescribed research based projects on latest trend in their subject as assigned.
- Completing prescribed number of practicals by collecting information/data or doing experiments.
- Participating in the competitions of debating, easy writing, poem reading, one act play, science exhibition, etc.
- Add on courses are offered to empower students to get employment after graduation.

2.3.7 Detail (process and the number of students\benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling/mentoring/academic advise) provided to students?

The entire faculty is significantly devoted in the issues of academic, personal, and psycho-social and also actively resolved the problems whenever raised with the students. In this regard, the college is initiated the following the modes of efforts –

Academic support –

- Academic support has been provided through the numerous learning resources (Book bank scheme) available in the library and reading room. Each group of students of every class is provided with a set of books at the beginning of each year.
- Practicals, industrial visits, environmental tours etc. are arranged to enhance experiential learning among the students. Every faculty member is being available in his department for the discussion as well as for solving the problems and difficulties pertaining in their curriculum. Beside these, the following modes of efforts are made in order to provide academic support the students.
 - a. **Expert Lectures:** Guest lectures by external experts are arranged for the students at departmental level. The number of students benefited in all the departments during the last four is summarized below.

Year	No. of students benefited through the expert guest lectures			
	B.A	B.Com	B. Sc	P.G
2010-11	NIL	262	65	24
2011-12	237	344	136	22
2012-13	NIL	365	80	18
2013-14	NIL	239	173	26

- b. **Special Academic Guidance Scheme:** A college is constantly arranging the lectures for special guidance under quality improvement

programme every year with the financial support provided by the University of Pune. Number of students get benefited by the scheme are summarized below

Year	No. of students benefited under special guidance scheme			
	B.A	B.Com	B. Sc	P.G
2010-11	NIL	269	NIL	NIL
2011-12	127	350	NIL	NIL
2012-13	41	358	NIL	NIL
2013-14	45	367	NIL	NIL

Psycho-social support: –

- An independent Counseling Committee is formed by the college for the purpose of psycho-social support to the students.
- Counseling committee is consisting of senior teachers of all faculties; devotes its time frequently on such matters according to the needs of students.
- The committee devotedly traced out the psychological and cognitive problems faced by students through the intensive observation and informal relations and eradicated them by well treating the students.
- A Meditation and Yoga Programme is organized whenever needed with a view to release the students from several sorts of stresses. In addition, lectures on the sex education especially conducted by the committee for girl students by eminent doctors.
- The number of students benefited by these lectures are given below:

Year	No. of girl students benefited			
	B.A	B.Com	B. Sc	P.G
2010-11	93	73	56	NIL
2011-12	84	68	58	NIL
2012-13	76	60	48	NIL
2013-14	40	77	68	NIL

Guidance services – Following are the modes of efforts –

1. **Placement cell** of the college with coordination with authorities of the organizations arranged career guidance lectures of external experts and campus interviews in the various fields. The number of students benefited during last four years are given below

a. Career Guidance Services

Year	No. of students benefited under the guidance services			
	B.A	B.Com	B. Sc	P.G
2010-11	NIL	NIL	NIL	NIL
2011-12	51	78	98	04
2012-13	17	113	308	36
2013-14	01	197	97	20

b. Campus Interviews

Year	No. of students benefited under Campus Interviews			
	B.A	B.Com	B. Sc	P.G
2010-11	NIL	NIL	NIL	NIL
2011-12	NIL	NIL	NIL	13
2012-13	NIL	15	19	14
2013-14	07	14	02	06

2. **Soft skill department** of the college is organized the Personality Development programme two times during the year to inculcate soft skills among the students. the number of students availed the services of such programme is tabulated as under:-

Year	No. of students benefited under Soft Skills development programme			
	No of batches	Period	No of students	Topics
2006-07	01	27 th to 10 th Feb 07	50	Time management, Understanding self, Goal setting, Personality development,
2007-08	03	10 th to 21 st Sept 07 22 nd Nov to 01 st Dec 07	150	Competitive exams, Carrier guidance, Communication Skills, C.V,

		07 th to 16 th Feb 08		
2008-09	02	28 th Aug to 06 th Sept 08 25 th Nov to 04 th Dec 08	97	How to use internet, mind management, Interview techniques, LCD,TV
2009-10	02	22 nd to 31 st Oct 09 11 th Dec to 04 th Jan 10	103	Time management, Understanding self, Goal seating, Personality development,
2010-11	02	25 th Aug to 03 rd Sept 10 26 th Nov to 07 th Dec 10	97	Competitive exams, Carrier guidance, Communication Skills, C.V,
2011-12	02	06 th to 16 th Sept 11 22 nd Nov to 02 nd Dec 11	119	How to use internet, mind management, Interview techniques, LCD,TV
2012-13	02	10 th to 20 th Aug 12 12 th to 22 nd Sept 12	150	Competitive exams, Time management, Carrier guidance, Communication Skills, C.V,
2013-14	01	15 th to 25 th Sept 13	40	How to use internet, mind management, Interview techniques, LCD,TV

3. Communicative English: Department of English is conducting Communicative English a career oriented course under COC scheme of UGC for faculties to make an improvement in communication skills of the students.

The outcome in terms of number of students are given below:

Year	No. of students availed the benefits of the course			
	B.A	B.Com	B. Sc	P.G
2010-11	22	NIL	NIL	NIL
2011-12	09	21	NIL	NIL
2012-13	17	22	NIL	NIL
2013-14	17	18	NIL	NIL

4. Environmental Management: Department of Geography is running the environmental management course for the students of arts, commerce and science faculties of the college in addition to their regular curriculum. The number of students which are benefited by this course are given below:

Year	No. of students availed the benefits of the course			
	B.A	B.Com	B. Sc	P.G
2010-11	NIL	NIL	NIL	NIL
2011-12	69	07	08	NIL
2012-13	33	NIL	08	NIL
2013-14	53	NIL	NIL	NIL

- Mentoring system – Principal, all departmental heads and chairmen of respective committees or programmes plays a diligent role in mentoring all the courses/ programmes/ schemes for the benefits of the students. Informal and close relationship of such faculty with the deprived students naturally creates affiliation which facilitates mentoring of such students with the spontaneous outcome.

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

Teaching Approaches/Methods Used:

The following are the innovative teaching approaches practiced in the college during the last four years:

- Lecture method is primarily adopted for nearly all the classes but every care is taken to make best use of interactive approach by clarifying queries or doubts of students immediately.

- Experimental and Project Based teaching approaches are practiced for teaching the most of the subjects from the faculties of Science and commerce which include the activities of experimental design, experiments demonstrations, data collection, field survey, review of literature and project report writing.
- Instructive teaching approaches with demonstration, practicals, charts, models are applied in Science, Arts and Commerce faculties especially for the subjects of Physics, Chemistry, Geography, Accountancy, and Taxation in order to provide skills and training in terms of practical work.
- Faculties of Social Sciences and Humanities are used audio-video aids like Films, CDs, TV Sets; LCD, etc for teaching whenever need arises.
- Faculties of Commerce Department and English Department adopt computer assisting teaching approaches for conducting practical and providing hand on skills for practical subjects of commerce and English.
- Inductive teaching approach is practiced by the faculties of commerce for boost the students who are newly admitted to the first year B.Com. In addition, Brain storming sessions and problem solving sessions are also conducted at the beginning of the first term.
- Department of geography uses Video films/clips, toposheets as well as simulation models for explaining the geographic theories. Beside, Field site teaching is also performed in the subjects like geomorphology.
- Computer software is used in teaching of English especially for linguistics.
- Seminars, presentation, project work, home assignments etc are adopted as learning methods for PG students in the framework of the curriculum of choice based credit system. In project work, viva-voce is also conducted by the external examiner for evaluation of the work.

Efforts for Encouragement:

- The Institution rigorously encouraged the faculty to adopt new and innovative approaches by delegating to them curriculum based seminars, conferences, workshops organized by the universities and colleges.
- They are also encouraged for the same by instituting required aids and materials on their demand. Beside this they are granted study leaves, duty leaves for research work and also deputed for career advancement programmes like refresher courses, orientation courses etc.

Impact:

- By practicing the various teaching and learning approaches/methods by the faculty, the significant impact has been resulted not only in the quantitative growth of admissions but also the qualitative improvement in university examination results.
- Such innovative practices has a wide impact on student learning as they develop skills like presentations, communication, analytical, scientific reasoning, creative, reading time management and overall personality development. It enables the teacher to spend more time with individual students to carry out more independent work.

2.3.9 How are library resources used to augment the teaching-learning process?

- The institution rigorously boosted its resources every year through the systematic manner as per teaching-learning the requirements.
- At the beginning of every academic year, an Advisory Committee consisting of Librarian as a chairman and one faculty member from Arts, Commerce, and Science streams has planned to purchase and subscribe of books and journals and also planned to enrich the library facilities.
- As per the plan and procedure as prescribed by the institutions strengthening of library resources are done throughout the year.

The college is used its library resources to augment the teaching-learning process in the following manner:

- Library has prepared class-wise time-table for issuing and returning books in the light of teaching time-table of the college so that students of any stream can obtain and return their books more conveniently.
- Library worked out and follow a program in consultation with academic teaching learning process every year for the effective use of library resources, their equal and easy access, good quality services and making library more pleasing and inspiring.
- Library is fully automated with ETH software which makes speedy and accurate transactions regarding issues and returns of books, accession of books, stock-maintaining, account opening, cataloging and it also helps to indentify a particular book to ensure availability of book. As a result, the library is providing quick and quality services to the students and staff.
- Library provides appropriate learning materials like reference books, research journals, magazines, daily news papers, novels, books of plays and dramas, books on competitive examination, CDs, DVDs, etc. which is helpful in overall growth and development of the personality of the students.
- The library has formulated friendly rules and regulations for well governance as well as for better garnering and enhancing reading habit among the students and staff.
- Library has maintained spacious reading halls separately for boys, girls, and staff with daily news papers, magazines, research journals, internet facility, etc. Library is remains open from 10.00 A.M. to 5.00 P.M. on all working days and during examination periods.
- College has running book-bank scheme in which a group of students having five members of the same class get a set of text-books which remains with the group for entire academic year. In addition to this,

golden card scheme is also maintained in library wherein one additional book is provided to the students for whole academic year. However, each UG student can get one book while each PG student can get two books at a time on library borrowing card.

- The library constantly make informed about new arrivals of the text books and reference books by displaying on its notice boards. It also arranged Library exhibition in every academic year.
- Easy access for reference books and print and online journals is provided particularly to the PG students in order to update and enrich their knowledge and project work.

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

The institution does not face any challenge in completing the curriculum within the planned time frame and calendar, since the teaching plans are prepared well in advance and they are implemented strictly. In case, faculty on leave for refresher courses or medical leaves, extra lectures are taken as and when required by other faculty of the same department.

2.3.11 How does the institute monitor and evaluate the quality of teaching - learning?

The institution uses the following mechanisms to monitor and evaluate the quality of teaching learning

- Departmental meetings with Principal and Vice-principal are conducted periodically to review the progress and quality of teaching.
- An execution of time table is monitored by head of the departments, vice-principals, and principal to maintain the teaching quality. In case, a

teacher is on leave then his classes and practical are carried over by other teachers.

- Each departmental head get ensured from the teacher that his teaching is carried out according to teaching plan of the subject as assigned.
- As the practice of the college, each faculty is conducted induction teaching for basic subjects of first year UG before starting the actual syllabus in order to maintain the quality of teaching.
- Feed-back from students about teaching quality, sincerity, punctuality, etc. of a teacher is taken by the feedback committee every year and the result of the same is communicated to the concerned teacher.
- Principal and Vice-Principal Monitor the teaching quality by taking surprise rounds through open corridor during the teaching schedule.
- Attendance of students for theory and practical is maintained and monitored by teachers.
- Informal review about the progress of syllabi and teaching quality of each subject is taken by the departmental head from the class representatives.
- Students' opinions and their experiences regarding teaching-learning process in their class rooms are asked through the suggestion box which kept near the college office.

2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum.

a. Details of existing faculty:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	

Permanent Teachers							
D. Sc/ D. Lit	Nil	Nil	Nil	Nil	Nil	Nil	Nil
• Ph. D	Nil	Nil	03	Nil	06	01	10
• M. Phil	Nil	Nil	01	Nil	05	Nil	06
• PG	Nil	Nil	02	Nil	16	Nil	18
Temporary Teachers							
D. Sc/ D. Lit	Nil	Nil	Nil	Nil	Nil	Nil	Nil
• Ph. D	Nil	Nil	Nil	Nil	Nil	Nil	Nil
• M. Phil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
• PG	Nil	Nil	Nil	Nil	06	Nil	06
Part-time Teachers							
D. Sc/ D. Lit	Nil	Nil	Nil	Nil	Nil	Nil	Nil
• Ph. D	Nil	Nil	Nil	Nil	Nil	Nil	Nil
• M. Phil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
• PG	Nil	Nil	Nil	Nil	Nil	Nil	Nil

b. Strategies adopted in Planning and Management:

As the college is affiliated, the recruitment and selection policy as prescribed by the University of Pune is strictly followed along with reservation policy of the state government. The procedure and strategies adopted in the planning and recruitment of its human resource are summarized below:

For aided courses –

- Numbers of teaching posts are determined on the basis of workload of each discipline as per the norms of university and UGC.
- After getting sanction and approval from the University and Joint Director of Higher Education, Government of Maharashtra, to the vacancies of Institutions (including reservations), the advertisement is published in the national as well as local newspapers.
- The applicants are interviewed in front of the university selection committee and eligible and competent candidates are selected on the basis of their performance in interview.

- Once the eligible and competent candidate are selected by the committee final approval for their posts are obtained from the university and Joint Director of Higher Education, State Government.
- Teachers those who appointed showed good teaching performance during the probation period of 24 months is selected as permanent faculty.

For Self-financed Courses –

- The recruitment procedure for aided courses is similarly adopted in case of self-financing courses. However, if the qualified candidates are not available for vacancies as advertised such appointments are made by the college through the local selection committee consisting of management nominee, Principal, and subject expert and/ or head of the department for a period of one academic year.

Retention –

- College adopted humanistic human resource policy adherence with its motto and provides necessary academic and career advancement facilities, consequently an attrition rate is very low.
- The management of the institution constantly encouraged to the faculty for academic progression and knowledge up-gradation. For this purpose, faculty is delegated for higher studies like M. Phil and Ph. D. programs under faculty improvement program of UGC. During last five years three teaching faculty members were delegated for the same.
- In addition, they are also encouraged for the participation and presentation of research papers in International, national, state and University workshops, Symposia, seminars organized by other colleges, university departments, research institutes and other organizations. Following table shows number conferences, workshops, Symposia, seminars attended and paper presentations in by teachers.:-
- To retain staff, salaries are paid as per the university norms and on similar with other colleges. Timely increment and hike in salary is

given. Staff is given casual leaves and optional leaves every year and Female staff is given maternity paid leave as per norms.

Year	International level (Nos.)		National level (Nos.)		State/University level (Nos.)	
	Attended	Papers presented	Attended	Papers presented	Attended	papers presented
2009-10	02	Nil	10	04	14	02
2010-11	01	03	11	08	15	04
2011-12	05	07	04	10	17	03
2012-13	05	06	09	11	11	01
2013-14	02	09	09	08	09	Nil

The overall result of a good governance and encouraging human resource policy, the faculty gain job satisfaction and retain in the institution with the dedication and devotion.

2.4.2 How does the institution cope with the growing demand/scarcity of qualified senior faculty to teach new programmes/modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics, etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

- The college is running with Arts, Commerce, and Science faculties; therefore, it is not well- familiar with the Biotechnology, IT, Bioinformatics, etc as emerging areas.
- However, the college has some senior faculty members who have eligibility to shoulder the modern areas in the faculty of IT, Commerce and Management. Majority of the staff members in the college belonging to Arts, Commerce and Science disciplines and they are well-familiar with recent trends in their areas and are also enough anxious about modern emerging areas like, Biotechnology, IT, Bioinformatics, Commerce and Management.

Outcome: -

- Although, all the faculty members of the college are satisfied with their areas of endeavors, they are not keeping themselves remain at an ease with just conventional disciplines.
- Therefore, they become probing to glance into the emerging modern areas & become succeeded in opening with their perspectives by the application IT & IT based teaching aids in their curriculum.

2.4.3 Provide details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

a) Nomination to staff development programmes

Academic Staff Development Programmes	Number of faculty nominated
Refresher courses	28
HRD programmes	01
Orientation programmes	17
Staff training conducted by the University	Nil
Staff training conducted by other institutions	Nil
Summer / winter schools, workshops, etc.	Nil
Short term course	02

b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning

- Teaching learning methods/approaches:-
- Handling new curriculum:-
- Content/knowledge management:-
- Selection, development and use of enrichment materials:-
- Assessment:-

- Cross cutting issues:-
- Audio Visual Aids/multimedia:-
- OER's:-
- Teaching learning material development, selection and use:-

Teaching learning methods/approaches.

- The college encourages teachers to use computer aided teaching / learning materials.
- The college also provides infrastructural and teaching learning aid support. The computer department of the college regularly organizes interaction programs for faculty members to make them aware of the latest developments in technology, there by empowering the teachers to improve their teaching methods.

Handling new urriculum.

- The faculty members are deputed to various colleges, academic staff colleges of various universities and other organizations to update themselves with the current trends.
- HOD calls for a meeting of the faculty members to brief and explain the new syllabi and devise methods to empower the teachers to handle it.

Audio Visual Aids/multimedia

- Department of Information Technology organizes interaction training programmes in computer skills for the faculty.
- Many of the faculty members have undergone training in software packages on the usage of ICT, organized by the Academic Staff Colleges in different universities.
- Audio-visual aids are available in the ICT rooms
- All the latest software packages, multi-media aids and necessary communicative aids provided to the respective departments; and the faculties are trained and well conversant with their usage.

Strategies adapted to enhancing the teacher quality.

In Oder to enhance the quality of teaching-learning process, institution has adopted the following strategies:-

- Delegated faculty members from each discipline for the refresher and orientation courses as per the criteria of University Grants Commission to upgrade their knowledge.
- Granted duty leaves to the faculty for the participation and presentation of research papers in international, national, state and university level workshops, Symposia, seminars organized by other colleges, university departments, research institutes, etc.
- Reimbursed TA and registration fees for enrollment to workshops, symposia, seminars, etc.
- Expert’s lectures are organized for PG programmes.
- College also organized seminars, workshops, conferences, etc. for teachers.
- College is also motivated the faculty to undertake minor and major research projects.

c) Percentage of faculty

Details	Percentage
Invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies	2.7
Participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	124 Participated
Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	76 Presented

2.4.4 What policies/systems are in place to recharge teachers? (e.g.: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

The institution extends full support for the professional development of the faculty wherein,

- Faculty members are encouraged and recharged by adopting and introducing the various facilities and schemes, like providing financial assistance, special study leaves for research, granting travel allowances and registration Fees, encouragement and support for their academic publications.
- The faculty is encouraged to pursue M.Phil and Ph.D by providing research grant under the F.I.P development grants of UGC and other funding agencies.
- Institution provides study leave up to three years to the faculty.
- Beside these, the Research Committee is also encourages the faculty to take up research work for paper presentation, minor and major research projects. Similarly, the library committee supports the faculty by enhancing teaching and research resources for through its planning and decisions.
- Some of the faculty members are encouraged to deliver lectures in various national institutions.

Following are the tables showing recharging activities and number of teachers involved

Year	No of faculty availed study leaves for OC/RC or Seminars, conferences etc	No. of faculty availed Financial Assistance for attending seminars etc	No. of faculty availed research Grants for Minor/ major project
2009-10	49	40	50000
2010-11	91	82	12,18,900
2011-12	21	16	NIL
2012-13	175	155	2,55,000
2013-14	70	61	12.30,000

2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four

years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty.

A) **Recognitions:** P G Recognitions Received by the faculty during the Past six years is:

Sr No.	Name of the teacher	Designation	Subject of Recognition	Date of Recog.	Period
01	Prof.Doke N.B.	Assistant Professor	Chemistry	15/07/2009	5 years
02	Dr.Shinde V.M.	Assistant Professor	Chemistry	15/07/2009	5 Years
03	Prof.Shirsat R.N.	Assistant Professor	Chemistry	15/07/2009	5 Years
04	Prof.Kabadi E.M.	Assistant Professor	Chemistry	15/07/2009	5 Years
05	Prof.Tilekar D.M.	Assistant Professor	Hindi	14/05/2009	5 Years
06	Dr. Rathod M.B.	Assistant Professor	Hindi	20/03/2012	5 Years
07	Prof.Bagul M.M.	Assistant Professor	Marathi	20/03/2012	5 Years
08	Prof.Bhopatkar A.A.	Assistant Professor	Marathi	14/05/2009	5 Years
09	Dr.Dumbre G.M. Assistant Professor		Commerce cost and work	16/09/2014	5 Years
			Commerce (Accountancy)	11/06/13	5 Years
			Marketing	13/03/2014	5 Years
			Business Administration	14/04/2013	5 Years
			Banking and Finance	14/04/2013	5 Years
10	Dr. Khandare M.B.	Assistant Professor	Commerce (Costing)	11/06/2013	5 Years
			Commerce(Business)	11/06/2013	5 Years

			Finance)		
11	Prof . Langade S. S.	Assistant Professor	Commerce	13/03/2012	5 Years
12	Dr. Shaikh A A	Associate Professor	Zoology	11/11/2013	5 Years
13	Prof Dhakane S F	Associate Professor	Physics	11/11/2013	5 Years
14	Dr. Rahangdale S.R.	Associate Professor	Botany	21/02/2013	5 Years
15	Dr. Potdar S.K.	Associate Professor	Botany	21/02/2013	5 Years
16	Prof. Sonawane K. D.	Associate Professor	English	20/03/2012	5 Years

B) Awards: Awards received by the faculty during the last five years are:

Name of the teacher	Designation	Name of the Award	Purpose of Award	Year
Prof. Tilekar D.M.	Assistant Professor	Bhasha Gavrav Sanman,	Hindi Prachar Prasar	2008
		Hindi Sevi sanman	Hindi Bhasha vikas	2010
		,Shiksha Bhushan	Hindi Prachar Prasar	2011
Dr. Rahangdale S.R.	Assistant Professor	Dr. M. sabu Award	Conference paper presentation	2013

College has pleasing environment to undertake, research, academic and extracurricular activities with extreme enthusiasm by the faculty. Such activities provide ample room for their overall development by implementing their own innovative ideas. College runs many social and national activities through NSS and NCC programs where they can succeed for their advancement and recognition. College provides full freedom to the faculty for research and extension by enhancing infrastructural facilities. Thus, college environment largely contributed towards the performance/achievement of the faculty.

2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

The college has introduced the systems of evaluation of teachers by students and self appraisal by the teacher himself. However, as per the guidelines of UGC system of evaluation of teachers by screening committee has been introduced from the year 2010 in the place of self assessment.

- **Evaluation by Students:** In this system, certain random number of students from each is selected by feedback committee and they are informed to give their feedbacks in the prescribed forms about the teachers without any hesitation. Further the committee compiled and analyzed the feedbacks and result of the same is communicated to the principal and IQAC.
- **Evaluation by Screening Committee:** under this system, the faculty is reviewed by the screening committee at the time of career advancement scheme (CAS). Peer members of the committee are appointed by University are external distinguished experts in the field in which they provide an authentic assessment of the candidate's teaching and research record and to comment on its significance in the discipline.
- On the basis of the results of the evaluation by students and screening committee, specific issues and discrepancies if any are discussed with concerned teacher by the principal and IQAC coordinator and suggested measures if required for the improvement in the performance of the teacher.

2.5 Evaluation Process and Reforms

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

University of Pune is the ultimate authority to decide the evaluation processes since; the evaluation processes as prescribed by university for each of

the programmes are adopted by the Institution. The Institution ensured the awareness of the evaluation processes in the following manner:

- Scheme of examinations and evaluation methods are communicated to the students through college prospectus.
- The details regarding the examination pattern and evaluation methods are informed to the students by individual teacher in each class before the commencement of teaching.
- The Circulars of University of Pune relating to examination pattern, scheme of marking, etc are displayed on notice board by the Examination Committee from time to time well in advance.
- The Circulars of University of Pune related to dates of examinations, dates verification and revaluation are displayed on notice boards in advance and also provided to the teachers and students on demand.
- Students are informed well in time by the Examination Committee through the notices regarding to the examinations fees, last dates of submission of examination forms to the University, probable dates of examinations, etc
- Roadmap of evaluation under choice-Based Credit System is chocked out and communicated to the PG students at the beginning of actual teaching.
- The plan and schedule of project work to be carried out by the PG students is informed through the notices by respective departments and also orally communicated to them even in the classrooms.
- The detailed schedule for the examinations to be conducted in each session is displayed separately on notice board at least 21 days before the commencement of the session.
- The faculty always created awareness about the examination schedule and examination pattern among the students by classroom discussions from time to time.

- Besides, the university examination, the details of internal examination regarding dates of filing of examination forms, dates of examinations, dates of declaration of results, dates of filing of verification and valuation forms etc are informed to the students and teachers through the notices and meetings and even orally by the staff or the faculty.

2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

As the college is permanently affiliated to the University of Pune, whatever evaluation reforms initiated by the university are adopted. In order to make the internal evaluation process more transparent and effective certain other evaluation reforms have also been initiated by the college on its own in accordance with university reforms.

A. Major Evaluation Reforms of University:

- Evaluation of students through the examination pattern including 80 marks for annual assessment and 20 marks for internal assessment at term end is initiated by the University for all UG programmes except second and third year B. Sc. programme.
- Semester system pattern with 10 marks for internal examination is instituted by the university for second and third year B. Sc.
- Paper setting for F.Y. B.A, B.Com and B. Sc. examinations is undertaken by the university through the External Peer Committee while assessment of answer books is done internally by the subject teachers of respective affiliated colleges.
- Evaluation of students of second and third years B.A., B.Com, and B.Sc. programmes is undertaken by the university through Central Assessment Programme.

- Choice Based Credit System with semester pattern including 50 marks each for internal and external evaluation is initiated by the University for all PG programmes.
- Beside, the reforms in student's evaluation, the university have been initiated the reforms in the evaluation of administration, faculty and the college as a whole. The college has undergone all such reforms in order to bring various improvements in the college activities.

B. Reforms Initiated by the College:

- Informal behavioral pattern of the students is observed and assessed by the faculty along with academic evaluation in order to inculcate ethical and moral values among them.
- Student's evaluation is also undertaken on the basis of their participation in the sports, cultural activities, competitions and other co-curricular activities.
- Teacher's evaluation is conducted at the end of the year by the students and screening committee under career advancement scheme.
- Students and faculty are reviewed and comments on the college infrastructure and other amenities through the suggestion box.
- Financial audit and academic audit of the college activities is conducted two times in a year by an authority of the governing body of parent institution.
- Academic activities and programmes are evaluated by the IQAC by setting up evaluation standards.
- Overall performance of the college is reviewed and evaluated at the end of each term by the Local Management Committee (LMC).
- In addition, the feedback of alumnae and parents about the performance of college is also initiated.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

The institution systematically ensures the effective implementation of evaluation reforms as initiated by university and the college on its own. For this purpose, the college has made the following modes of efforts:

- The principal ensures the effective implementation of evaluation reforms as initiated by the college on its own through review and monitor of academic calendar and roadmap in respect of all evaluation activities to be conducted during the term since, they are handed over to the departmental heads and IQAC Coordinator for execution.
- The Examination Committee and CEO extensively responsible for the effective implementation of the evaluation system in the college. This committee undertakes and executes all internal and university exams and internal assessment in accordance with rules and regulations as prescribed by the university under the guidance of the principal.
- Examination Committee conducts the meeting under the chairmanship of Principal with Vice-Principals, departmental heads and faculty members and awakened them about the evaluation process and thereby its implementation.
- The calendar Committee ensures the effective implementation of evaluation reforms by entrusting the responsibility on the departmental heads to monitor and report the execution of departmental evaluation reforms.
- All HOD's ensures the effective implementation of internal student's evaluation reforms from the faculty through the reporting of attendance of the students in the theory and practical classes, behavior in the class and campus, completion of home assignments/field work/projects, performance in the theory end exams, practical exams, viva-voce, etc

- Principal and IQAC ensures the effective implementation of evaluation reforms from the reporting of Chairmen/ heads of various committees/ departments relating to sports, cultural activities, competitions and other co-curricular activities, alumni and parents meet association, grievance redress cell, etc.
- The Governing Body of the Parent Intuition ensures the effective implementation of evaluation reforms by entrusting the responsibility to monitor and report the same on internal auditor and the chairman of LMC.
- Apart from this, counseling to students is as and when required is also a mean to ensure effective implementation of the evaluation reforms of the University and those initiated by the institution on its own.

2.5.4 Provide details on the formative and summative evaluation approaches adapted to measure student achievement. Cite a few examples which have positively impacted the system.

1. **Formative Evaluation Approach:** It is the internal evaluation approach which is adopted by the college for evaluation of students during the course of programmes. This type of evaluation is conducted by the college for the measurement of students' achievements. It is done in the following ways:-

- Behavior pattern of student in the class to maintain moral and ethical environment in the institution.
- Attendance of students in the class to ensure their eligibility (i.e. 80% presence) to admit for final examination.
- Interaction in the class to classify slow learners and fast learners in order to provide guidance, inducement and support for making improvement their performance.
- Performance in internal tests, theory exams, and practicals, project viva-voce, seminar, presentation, etc to award marks/grade or rank.

- Active Participation of students in the sports, cultural activities, competitions and other co-curricular activities to provide prize or certificate of appreciation.

All these types of evaluation are used to diagnose discrepancies or inconsistencies as per the standard outcomes and to maintain the academic standard of students by providing remedial measures.

2. Summative Evaluation Approach: It is commonly referred as a summary evaluation of student's performance at the end of semester or term or programme. This type of evaluation is carried out by the college as well as by the university in accordance with the pattern of examination prescribed for each programme. In order to measure students achievements the summative evaluation approach adapted in two parts, which are:

- Summative evaluation which is on part of the college is conducted in the forms of assessment of term end exam, practical examination and theory exams of first year UG programmes by the internal teachers. The results of such evaluation are communicated to the University for the preparation of summary evaluation report i.e. Statement of Mark Sheets.
- Summative evaluation which is being a significant part of summary evaluation report is undertaken by the university through central assessment programme. Thereafter, the final summary performance evaluation report is ultimately prepared by the university by making compilation and summation of the results which are communicated by the college and results by its own evaluation and declared final report of summary evaluation in the forms of Mark Sheets.

2.5.5 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students' results/achievements

(Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.

The college monitored and communicated the progress of performance of students into two phase manner i.e. progress in internal Assessment and progress in external assessment:

A. Progress and Performance in Internal Assessment: - The progress and performance of students in the internal assessment is monitored and communicated in the following forms:

- The progress and performance of students in class attendance and several reflections in behavioral patterns are observed and analyzed by the faculty and communicated to the parents and it also to provide some valuable tips to the students and parents.
- The participations and performance of the students in sports, NSS, NCC cultural activities, competitions and other co-curricular activities are monitored by the respective committees and departments. The students who are contributed a lot or showed highest performance in such programmes or activities are nominated by the committees or departments for the honor or certificate of appreciation on the Sports Day or Annual Function of the college.
- The progress and performance of the students in the class tests, practicals, seminars, presentations, etc are monitored by the respective departments and faculty and informed to the students and parents immediately.
- Progress and performance of the students in terms of marks in internal theory examination and term end examination is monitored by the examination department and also communicated by it to the students on the scheduled date after the assessment is over. Beside this, the same is forwarded to the University for the Summation of final results.
- The performance of the students in university practical examination, project work and viva-voce examination are monitored by the respective

departments under the control of examination department and communicated to the university as the prescribed mode and manner.

B. Progress and Performance in External Assessment:-

- The progress and performance of students in the annual examination and also semester examination is monitored and communicated after the declaration of results by the university.
- The results of such examinations are quantitatively analyzed by the respective departments with their faculty in order to put forward the subject wise performance, class-wise performance and teacher wise performance analysis of the results before the meeting of principal with vice-principals and departmental heads.
- On the basis of discussion in the meeting, the teachers are suggested some required revisions in their modes of efforts whenever necessary for coming year.
- Beside this, counseling is done individually to students with unsatisfactory performance so that their performance in next examination can be improved.
- By well monitoring and communicating system of student's performance, the college gained satisfactory outcomes.

Following table shows the programme-wise analysis of the students' results for last four years:

Statement Showing the Programme-wise Students' Results

Programme	Students' Results in Percentage				
	2009-10	2010-11	2011-12	2012-13	2013-14
UG Programme					
B.A.	62.71	63.45	51.56	61.19	50.38
B.Com.	70.12	82.14	82.75	66.00	63.95
B.Sc.	66.66	65.32	67.21	61.22	64.29
PG Programme					
M.A Marathi	90.00	94.11	90.00	100	40.00

M.A Hindi	66.33	60.00	60.00	50.00	50.00
M.A English	NIL	67.50	66.66	75.00	33.33
M.A Economics	NIL	83.33	86.66	85.71	42.85
M.Sc. Chemistry	52.00	33.33	28.57	34.48	R N D
M. Sc .Physics	NIL	NIL	NIL	NIL	R N D
M.Com.(CWA)	33.33	21.42	77.27	78.57	42.86

2.5.6 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills, etc.)

The college is courteously implementing rigid and transparent internal assessment system in accordance with rules and guidelines as directed by the university. In this regards, the college has made the following improvements during the last years:

- A well-equipped and well-furnished Examination Department is established in the college to maintain secrecy of all papers and documents of examination as well as to provide all necessary support services to the students and teachers.
- A separate Examination Committee headed by Chief Examination Officer (CEO) under the overall control of principal of college is instituted for smooth functioning of examination processes.
- All circulars and notices relating to the different types of examinations issued by the university from time to time and as directed by the principal are communicated well in time to the students and teachers through the examination committee.
- Whatever decisions taken in the examination committee with the consultation of principal of the college regarding the matters of examination are informed to the concerned faculty and the students in time.

- Like university, college is also make an appointment vigilance squad consists of three senior faculty members for every internal theory examination to exercise control over the unfair means by students.
- The College appoints custodian for each theory session of examination in order to safeguard all question papers and written answer books during the course of examination.
- The internal assessment of answer books of first year UG programmes is conducted by arranging Central Assessment Programme in the examination department and results thereof are declared within stipulated time after such assessment.
- As per the directives of university college has started to provide photocopies of answer books to the students on his demand. This practice is implemented from the academic year 2009-10 for first year UG examinations.

The university is not specially assigned weightage for behavioral aspects, independent learning, communication skills, etc particularly at UG level programmes. However, weightage assigned for internal assessment is varying from pregame to programme. As per university guide line 20% weightage is assigned to internal assessment of term end examination and 20% weightage for practical examination in case of practical subjects of UG programmes. In case of PG programmes 50% weightage is assigned for internal assessment consisting of home assignments. Presentations, seminars, internal test, project work etc. under choice based credit system.

2.5.7 Does the institution and individual teachers use assessment/evaluation as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.

Fundamentally, evaluation is very comprehensive process comprises evaluation of overall personality related elements of the students, hence, the

institution can't claim that whatever the modes and activities actually used for the evaluation could indicate cent-percent performance evaluation of the students. However, the college tried to assess the almost all reflections of performance.

As far as for evaluating students' performance, achievement of learning objectives are concerned, the college as well as individual teachers used internal assessment and external evaluation as a common indicator for making necessary changes in teaching and learning activities such as-

- The performance of students in internal tests and practical sessions, presentations, seminars, project work is considered by the teachers to make necessary modifications for their teaching and guidance activities.
- The performance of students in term end and semester examinations is used to plan and revision in the teaching and learning activities for next term and semester.
- The overall performance of the students as evaluated at the end of the programme and reselections there from are used in planning the further modes academic activities with required reforms.
- The college plans several academic activities with essential reforms depending upon the on conclusions drawn from the overall evaluation process.

Thus, the overall impact of indications of student's performance reflected through all evaluation modes and several learning objectives uses by the faculty for building confidence, improving thinking, innovation, qualitative strength and academic progression among the students.

2.5.8 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

Usually, the college and its faculty are always embedding and awarding the fact that the evaluation which is done at a university level as well as college

level is real, impartial, and transparent. Notwithstanding to this, the students have full freedom to get redressed their grievances relating to evaluation from university and the college. For this purpose, the following mechanism is available for redressal of grievances related to evaluation process –

- a. **University level-** Grievances of the students relating to the result of the university examinations are immediately forwarded to the university by the examination committee through the principal. In such cases, the examination committee makes necessary follows up with the university till to get timely logical redressal and the students found well sure by solutions.
- b. **College level-** College is very courteous about the transparency, rigorousness and reliability in conducting of evaluation; therefore, very exceptional grievances are registered with the redressal committee. The college has established the mechanism for the redressal under which the following modes of redressal are available:-
 - The students are permitted to get their answer papers reassessed.
 - The students are allowed to obtain the photo-state copy of complained answer paper to get rechecking from someone else.
 - Junior supervision reports or attendance sheets of examination are used for redressal of grievances relating to absentee of students in the examination.
 - Students can apply for revaluation or for reassessment of answer books in prescribed format within 10 days from the date of declaration of results.
 - Students are entitled to get redressed their logical grievances relating to question papers, schedule, method of examinations, supervision, evaluation and results, and any related matter from the college through examination committee and principal.

- The dialogue with students by concerned subject teacher and head of the evaluation committee is practiced for convincing them.

With this mechanism, the college has gained reliability of evaluation among the student's community and faculty and maintained conflicts free atmosphere by providing equal justice to all.

2.6 Student performance and Learning Outcomes

2.6.1 Does the college have clearly stated learning outcomes? If yes give details on how the students and staff are made aware of these?

Yes, the college has clearly stated learning outcomes mentioned in its Vision and Mission. It is well assumed that in the learning process, the education is product of outcome. The education as a outcome usually include the ability to prepare and communicate, ability to understand, learn and lead, ability of problem solving skills, ability of critical and creative thinking and scientific reasoning, use of new technologies and behave and harness with ethical values etc. With these implied learning outcomes, the intuition succeeds towards their attainments with planned manner and direction. In this regard, the college is very earnest in creating awareness about desired learning outcomes, among the students and faculty in the following manner.

- Students are made well aware about desired achievements and the cause of their learning through the opening address by the principal.
- The faculty is made aware about the learning objectives of the college by conducting staff meeting and meetings of heads of the departments
- The students are made aware by the faculty about learning objectives by conducting induction lectures for first year UG programmes at the beginning of the first term.
- Students are made aware of learning outcomes by faculty during regular classes and also displaying learning outcomes on college notice boards.

- Teachers are directed to take review of their teaching modes and to verify the conformity with the learning outcomes periodically.
- For students and teachers awareness, the statement of eminent educationists about divine objectives and really expected outcomes of education are exhibited through wall papers and hoardings.
- Learning outcomes and objectives of education are sermonized by the eminent personalities invited by the college in several occasions and in the staff meetings during the course of thought provoking discussions.
- By making awareness among the faculty and students, entire educational activities and modes of efforts of the college are becoming intended result-oriented.

2.6.2 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

In the light of desired leaning outcomes; the college lays down well-structured teaching-learning and assessment strategies by abstract thinking on ideology of higher education as well as taking into account the availability of human resources and infrastructural amenities. The structured teaching-learning and assessment strategies with institution to facilitate the achievement of the intended learning outcomes are summarized as under

Structure of teaching-learning strategies

- The entire faculty members of the college are grouped into some academic departments headed by senior and competent faculty members.
- Departmental meetings are arranged under the chairmanships of heads and the important issues relating to the teaching and learning process are discussed and then proper strategies for the same are decided within and it is forwarded to college administration through the IQAC for final decision.

- Once the teaching-learning strategies are approved by the college administration, then faculty members are guided and induced accordingly to execute them efficiently in order to gain the desired learning outcomes.
- Local management council is also the legitimate body to frames some broad policies in respect of structuring the strategies. In addition, NSS, NCC, Sports and library Advisory Committees etc are formed to materialize the teaching-learning strategies.

Structure of evaluation strategy

- The strategy of lifelong learning proposed to be learner centric, recognizing student's prior learning, experience and abilities. This requires the recognition of individuals learning goals and it will highlight the importance of reviewing of student progress against decided objectives.
- To facilitate the achievement of the intended learning outcomes, the strategies of teaching-learning and assessment of the institute are through:
 - ❖ Quality Improvement Program
 - ❖ Faculty Improvement Program
 - ❖ Continuous and Comprehensive Evaluation of students by the class coordinators.
 - ❖ Theory, projects, assignments and practical's for effective learning.
- The college strives to provide Quality learning and enhancing teaching and assessment through continued development of excellence in academic practices.
- A separate examination committee headed by Chief Examination Officer (CEO) is formed to monitor and report the evaluation of

student's academic performance especially in different internal examinations.

- Departmental heads with their faculty members monitor and report the evaluation of internal tests, presentations, seminars, along with attendance and informal behavioral of the students.
- Some committees specifically formed to monitor and report the evaluation of student's participation and contribution in different types of co-curricular and extra-curricular activities.
- All these committees engaged in the evaluation process conduct the meetings frequently to monitor the evaluation programme. These are ultimately functioning under the control the jurisdiction and directions of IQAC.
- With the group of some senior teachers occasional committee is formed to review the outcomes of existing evaluation processes and to advice some reforms, if necessary.
- The teaching-learning and evaluating strategies have been structured by the college with the well- supported infrastructural amenities and the assistance of abled staff. Thus, the well-structured strategies result in the achievements of desired outcomes of teaching-learning evaluation programme.

2.6.3 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (quality Jobs, entrepreneurship, innovation and research aptitude) of the courses offered?

The administration at the parent intuition is well social responsive and properly directed the college towards the linking all courses offered by it with the social and economical issues in the external world. In this regards, the following measures are taken to enhance the social and economic relevance of the courses offered.

- Social activities and programmes are arranged through the NCC and NSS departments principally to create the sense of social responsibility among the students e.g. cleaning the public places in villages, plantation, awareness of current public issues like women abuse etc.
- The students of final year UG and PG programmes are directed towards employment opportunities by the placement cell of the college.
- Earn and learn scheme renders financial support to the needy students substantially.
- The financial literacy programme like foreign currency marketing is arranged through the Forex Ready money for the B.Com and M.Com final year students.
- The deserving students are guided and encouraged for their self-employment by arranging professional guidance lectures.
- The research wing takes care of the research and development activities thus imparting not only quality education but also generating new knowledge based learning.
- The faculty with Ph. D encourages the students for innovative creations and making acquainted with the research.
- Efforts are taken to develop research aptitude among the students by providing financial and instrumental support from the college.

Thus, the college is becoming gradually successful in enhancing the social and economical relevance with the courses offered.

2.6.4 How does the institution collect and analyze data on student learning outcomes and use it for planning and overcoming barriers of learning?

The institution has specified the procedure to collect and analyze data on student learning outcome. The following points are adopted in this regard:

- **Evaluation:** Midterm and continuous evaluation comprising of monthly, quarterly and half-yearly exams, assignments, term paper and seminar

presentation. Introduction of unit-wise internal choice, objective and analytical: type questions consisting of objective, short, descriptive, and analytical answers. This ensures comprehensive study and understanding of the entire course content by the student.

- **Theory Classes:** After every period, the subject faculty evaluates the students by asking questions related to the topic. This helps the faculty assess how much the students have understood and gives him/her immediate feedback. Assignments are given to students about the key points.
- **Practical Sessions:** The feedback on practical classes conducted by the college helps in evaluation of student's performance and also helps the students in preparing for final exams.
- **Internal Examination:** The papers are valued and the marks list will be sent to University. Progress report is prepared and sent to the parents. Internal assessments are conducted twice in a semester and assignments once a semester (for each subject) for the PG students. The marks secured by the students along with the answer scripts and assignment sheets are sent to the University.
- **University Examination:** For the IInd and IIIrd year UG and PG students semester exams are conducted by the university For Ist year UG students annual examinations are conducted by the University.

Apparently, the college faces the problems relating to the barriers in teaching-learning process. The data relating to barriers in learning is obtained mainly with the help of respective class teachers since the class teachers are closely affiliated with the students. Usually the following barriers in learning are traced out.

- Marginal judgments of students among the less experienced teachers.

- Student's genuine personal, family and emotional and economic problems.
- Linguistic problem principally pertaining to the students who are coming from backward and hilly area.
- Turbulences in teaching-learning schedule due to unforeseen reasons.
- Application of similar teaching style and methodology for all classes of students having different academic state of mind.

On the basis of data collected from the faculty relating to the above barriers in Teaching-learning outcomes, the college adopts the following remedial steps to overcome.

- Teachers are well oriented to understand the psychology of the students according their age groups and also to trace the glimmer of different psychological components within students specifically the in the boys girls at gentle age.
- Counseling services are provided through the rich experienced teachers, whenever necessary.
- Special attention is lays down towards the students who belonging from backward and hilly area regarding their linguistic problems. Languages teachers are directed to take possible personally efforts to make them sufficiently able to understand Marathi and English languages, which are the medium of instruction.
- In case of turbulence in the teaching schedule due to external reasons extra teaching schedule is prepared and off days are compensated.
- Faculties are suitably oriented to treat the heterogeneous classes with the relevant variations of teaching styles and methodologies and overcome the barriers in the process of Teaching-learning as experienced.

2.6.5 How does the institution monitor and ensure the achievement of learning outcomes?

The college has a set of mechanism to monitor the students learning outcomes through way of formal and informal evaluation of the students; the teachers can envisages the extent of achievements of intended learning outcomes.

As per the directives of the university, examination department monitors the achievements of learning outcomes. Thereafter, all teachers are stimulated towards the desired learning outcomes and they are asked to observe and note the changes in the student's progression. All the observations collected by the teachers in terms of marks obtained, certain peculiar attributes found in the personalities and other achievements are communicated to the IQAC. Later on, such observations are discussed in the meeting of head of the departments through principal and chairman of IQAC and principal. After having through discussion, necessary tips are given to the concerned faculties in respect of expected improvements in order to make their teaching more fruitful and gain desired learning outcomes. In this direction, the following efforts are made:

- Internal examinations results.
- Attendance Records.
- Tests and examinations at the end of each term to assess individual student learning achievements.
- Library register, attendance registers are monitored to assess the student interest in academic activities.
- Improvements in personality traits are observed and assessed.
- Unbelievable positive/negative changes in behavioral patterns are noticed.
- Financially self-dependent students are identified for embedding the entrepreneurial aptitudes therein.
- Social sensitive students are traced to inculcate them towards the social responsibilities.

- Some students have become successful to join administrative services and prestigious jobs in financial institutions and industries as the result of their intellectual development.
- Students are found enriched with patriotic spirit and devotion for the national cause.

The college is quite satisfied with the monitoring and ensuring the achievements of learning outcomes that are the real cause and object of institution.

2.6.6 What is the graduate attributes specified by the college/affiliating university? How does the college ensure the attainment of these by the students?

The college has specified the graduate attributes in light of vision of university. In view of vision of university, it is believed that the students have to be trained by both conventional as well as modern core. The college being a well-known and one of the senior institutions in the rural area under the jurisdiction of university, has been determined that student should possess plus qualities along with curriculum. They should also have full confidence in themselves and faith in what they have learned.

- A strong sense of intellectual integrity by imparting value education
- In-depth knowledge of their course constantly monitors academic performance
- The college therefore, believes in value addition in students by special training regarding soft skills, communication skills and language proficiency for connecting to business world.
- They are also trained in innovative critical thinking, analytical rational view, socially sensitivity, high regard with human values etc. Some social diversity, healthy competitive spirit, high moral attributes with a moderate professional outlook must be embedded within them.

- The co-curricular activities in the college are so planned and executed in such a manner that every student of the college should be very creative, positive and innovative with enough self esteem and self-confidence.
- All students should be enriched and enlightened with the noble human values and contribute towards cultural development of the world irrespective of their caste, creed, province, gender and religion.

2.6.7 Any other relevant information regarding teaching-learning and evaluation which the college would like to include?

All efforts have been made to incorporate all feasible issues relating to teaching-learning and evaluation criteria in the draft. However, the real responsibility of the institution of higher education is beyond its campus. In this view, it is desirable to put on records very few more issues. These are;-

- Computer based education is made compulsory for all the students.
- All the teaching and non teaching staff members are well trained in the usage of computers. Office Administration and Student Services are computerized.
- All departments are provided latest computers with internet facility. Comprehensive and continuous evaluation methods are evolved unit wise.
- Multi-methodology teaching is practiced with modern teaching tools. Greater emphasis is given for ICT mode of instruction.
- An audio-visual room, a research lab and e-class rooms for virtual learning is proposed and work on the same is in progress.
- Now days, government is specially providing more space to the senior citizen to make their life at ease. On its part the college has also provided a little bit consoles to them by the organizing senior citizen camp to make them aware about the life after sixty through the renowned lectures.

- Local functions and holly festivals are the real pride of the rural India, college as a part and partial of the rural India diligently contributed in the monitoring the crowd of people in the faire of God Laxmi Mata at Umbraj through the sixteen volunteers of NCC department.
- With the patriotic spirit and devotion for the national cause, one cadet of NCC department deserved his contribution as a shooter in the team of Maharashtra in the shooting tournament held at New Delhi in 2013-14.
- Now, in the high-tech era, students are intellectually developed through teaching learning process but they are lacking emotional quotient. With a view to develop emotional quotient within the students, soft skill development program is arranged every year for them.
- Making awareness in the society for national cause is the soul duty of any institution. In the essence of national commitment, the college shouldered this duty by organizing 'Voting Awareness programme for the students at face of election to the 'Loksabha Assembly'
- (Incorporate here some innovative and unique activities conducted by the college in general for society as a whole)

Glimpse on Teaching-Learning and Evaluation:

As the college working at a Grampanchayat level emphasizing more attention especially on the needs of the rural students through the core element of education-Teaching, Learning and Evaluation. With adherence to its MOTTO 'BAHUJAN HITAYA BAHUJAN SUKHAY' the college is functioning for equality and justice by maintaining transparency in the entire academic, extension, co-curricular and extra-curricular activities. It is always tried to accommodate all deprived classes, minorities, differently able, economically weaker sections strictly as per the rules and regulations of Government of Maharashtra and University of Pune. College has adopted wide approach to offer several courses according to the needs of the sons of the soil. In the light of changing circumstances, all courses are reviewed and

revised properly. Teaching-learning processes are well scheduled and administered by keeping view the stakeholder's aspirations as well as the educational objectives. In the demand of the days, college is encouraging the faculty to pay special emphasis on recent IT enabled teaching methodologies in the teaching-learning process along with their regular teaching methodologies. In order to enrich and update the knowledge of the teachers the college has taken several formal and informal efforts. It has adopted different evaluation practices to evaluate the students and teachers with optimum possible efforts and to track them for the achievement of desired results. Student's performance and learning outcomes are observed intensely and their progression is also monitored in the light of intended learning outcomes. The entire college activities are reviewed and molded towards the absolute welfare of the student. In the quality driven scenario, the college is succeeding with optimum speed towards the absolute accomplishment of the desired objectives.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the institution have recognized research center/s of the affiliating University or any other agency/organization?

No, The College does not have any recognized research center of University of Pune. However, there are seven Post Graduate courses are conducting in college with various subjects such as Chemistry, Physics, Marathi, Hindi, English, Economics and Commerce here. The faculties of commerce subjects are recognized as Ph. D. Guide by JJT University, Rajasthan. The details are as follows.

Sr. No.	Name of Faculty	Subject of recognition	University
1.	Dr. G. M. Dumbre	Commerce	JJT University, Rajasthan
2.	Dr. M. B. Khandare	Commerce	JJT University, Rajasthan

3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

Yes, Academic Research Committee has been constituted in the year of 2009-10. The composition of the committee is as below.

Chairperson	: Dr. S. R. Rahangdale	ARC of the College
Secretary	: Prof. M. H. Moulavi	Assistant Professor in Chemistry
Member	: Dr. M. B. Rathod	Assistant Professor in Hindi
Member	: DR. M. B. Khandare	Associate Professor in Commerce
Member	: Dr. R. U. Mene	Assistant Professor in Physics

Recommendations of the Committee:

- To monitor and encourage the research activity among the faculty
- To motivate the teachers to undertake minor and major research projects.
- To mobilize research promotion grants from various funding agencies.
- To develop and maintain the research facilities
- To encourage eligible departments to go for recognition as research centre.
- To encourage the faculty to participate and organize seminars, symposia, conferences and workshops.

Activities of the committee

- All the principal investigators give their presentation on Major/Minor Research Projects before research supervisors, research scholars and other faculty members.
- The college is in progress to establish a Central Multidisciplinary Research Laboratory having work space for experimentation, online referencing facility, and instruments.
- All the PG departments are established their own subject libraries, consisting of books and publications on research as well as of academic nature.
- The PG students are allotted small research projects along with / as a part of their academic studies.

Impact:

- Faculty members as well as Post Graduate students are motivated.
- Seven members have completed their doctoral programmes
- Around Fifteen faculty members have registered for Ph.D.
- The research funding is generated through minor and major research projects from University of Pune; UGC, New Delhi and ISSR, New Delhi.

- Four faculty members have been working on major & minor Research Projects with financial assistance from the BCUD, University of Pune, UGC, ICSSR and 6 members have completed their minor and major research projects.
- A Research Forum has been formed in Sciences and Humanities for presentation of research findings of Research Scholars and Faculty at the college level.
- It has created congenial research environment in the Institution.
- A healthy work culture has developed in our institution for conducting Seminars/Lecture Series and Workshops.

3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/projects?

- **autonomy to the principal investigator**
- **timely availability or release of resources**
- **adequate infrastructure and human resources**
- **time-off, reduced teaching load, special leave etc. to teachers**
- **support in terms of technology and information needs**
- **facilitate timely auditing and submission of utilization certificate to the funding authorities**
- **any other**

The College encourages the faculty members to apply for research projects sponsored by various National and International agencies. The teacher pursuing research activities are allowed to avail facilities like duty leave and academic leave to attend conferences. Students are allowed to use library, laboratory and Internet facilities. All the Post Graduate Departments have their own Departmental Libraries and there is also separate reading section meant for research scholars and faculty in the College Library.

- **Autonomy to the Principal Investigator:** Principal Investigators enjoy freedom to do research on their own level under the limits of project guidelines of funding agencies.
- **Timely availability or release of resources:** Yes, resources are available for the research work and are at the disposal of the PI.
- **Adequate Infrastructure and Human Resources:** Research facilities are available in the respective departments and the college infrastructure and facilities are also available for faculty members and students after college hours.
- **Time-off, reduced teaching load, special leave, etc. to teachers:** The college provides study leave for carrying out research for M. Phil and Ph. D degrees under UGC faculty improvement program. Faculty is encouraged to undertake research on part time basis and is given academic flexibility to involve themselves in research activities after the class hours.
- **Support in terms of technology and information needs:** A computer with internet facility provided to the faculty till the research work is completed. Library gives all the necessary support for researchers in terms of e-journals, references and books.
- **Facilitate timely auditing and submission of utilization certificate to the funding authorities:** The College administrative staff extends full support in auditing and submission of utilization certificate to the funding authorities audited by both internal and external auditors.
- **Any other:** PG laboratories are well equipped with necessary equipments. The facility of academic/study leave with salary in the form of teacher research fellowship is given to the faculty members who are interested in conducting research work. The College library is enriched with recent national journals, books and magazines, etc. Teachers are encouraged to pursue M. Phil /Ph. D/ Minor/ Major research work. They are motivated to

write and publish research papers and to attend National/International Conference / Seminar and Workshop for presenting research papers.

3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

- The faculty member motivate and encourage to the students in preparation of Research Papers & Projects by giving necessary inputs regarding availability of research material, e-resources and web resources for their project work.
- Students are encouraged to present research papers in seminars, workshops, management meets and conferences.
- Preference is given for UG and PG students to present their research work in the college seminars, conferences and workshops.
- The student participants are suitably rewarded to boost up their scientific temper, aptitude and the research oriented values among them during college annual day functions.
- In house Botanical Garden and Zoology museums are proposed and work is in progress to enhance the scientific culture.
- The Institution motivates and encourages to the students to participate in research activities and is informed through information brochure on notice board.
- Post graduate students are guided through expert lecture session to prepare for competitive exams such as GATE, CSIR, UGC-NET, CAT and other examinations to enter in to the research fields. While, library also provided sufficient books to prepare for these competitive exams.
- Students are deputed to visit industries and research organizations to study and present projects in the area of their specialization
- Students are also encouraged to use internet, e-resources through INFLIBNET: N-list etc. to develop research culture and aptitude.

- Students are also encouraged to take up small research projects for utilizations of skills learnt by the student in the class room are put to use in such projects and develop the sense of Scientific /Research temperament.
- Based on this, who perceived some ideas of research towards day to day or on society related problems, such students are present their research model or project in the AVISHKAR research competition organized by BCUD, University of Pune every year.
- The college provides the financial support in the form of materials required by the students for project, traveling and printing of posters through the grant assigned by BCUD, University of Pune. Details of research projects presented in AVISHKAR competition are as follows

Sr.	Title of the Project	Name of Students	Class	Name of Guide(s)
<u>AVISHKAR 2012 (12/12/2012), at Prof. Ramkrishna More College, Akurdi, Pune.</u>				
1.	Domestic Generation of Electricity	Mr. Abhijit Manohar Dangat Mr. Hemant Jayprakash Dumbre	F.Y.B.Sc.	Dr. S. R. Rahangdale
2.	Novel Products from Custard Apple	Miss. Snehal Suresh Dumbre Miss. Arti Vikas Dumbre	F.Y.B.Sc.	Dr. S. R. Rahangdale
3.	Zero Input Water Heater	Miss. Akshada Ranjan Dumbre Miss. Sayali Nitin Kulkarni	F.Y.B.Sc.	Dr. S. R. Rahangdale
4.	Electricity Amplifier for Solar Energy <i>(Selected for University level competition)</i>	Mr. Ravindra Chintaman Yewale Mr. Mitesh Sharad Dumbre	F.Y.B.Sc.	Dr. R. U. Mene & Prof. S. F. Dhakane
<u>Avishkar 2011 (15-16/12/2011) at B. R. Gholap College, Sangavi</u>				
1	Assessment of Diversity of Otur Hills – A Link Between Plains and Western Ghats	Mr. Kale Balasaheb Shantilal Miss. Gawande Rani Baban	S.Y.B.Sc	Dr. S. R. Rahangdale
2.	Solar Energy and its Application	Pansare Pranay, Kokane Rahul	T.Y.B.Sc	Prof S F Dhakane
<u>AVISHKAR 2008 (24-25/09/ 2008), at B. R. Gholap College, Sangavi</u>				

1	Potential Bio-diesel Plant, <i>Hibiscus cannabinus</i>	Mr. Jadhav Pravin Subhash Miss. Waykar Arti Pandurang	SyBSc. FYBSc.	Dr. S. R. Rahangdale
2	Extraction of Natural Dye from <i>Ticomella undulata</i>	Miss Kute Shital Gulab	S.Y.B.Sc.	Dr. S. R. Rahangdale & M. H Moulavi.
3	Electricity generation using Wind mill	Mr. Jadhav Ganesh Vasant Mr. Shelke Sushant K, Mr. Tambe Sunil G	T.Y.BSc. FYBSc.	Prof S F Dhakane

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/ collaborative research activity, etc.

- Faculty members are actively involved in research and they present their research papers in various National & International Conferences & their papers are published in renowned and indexed National and International Journals.
- The institution endorses two-way research activities with research/scientific organizations, universities etc.
- Following are some of the details of the collaborative research with various Universities/ research Organizations carried out by different Departments:

Sr.No.	Department	Name of Faculty	Area of Research	Nature of Research	Collaborative organizations
1.	Botany	Dr. S. R. Rahangdale	Plant Taxonomy, Biodiversity & Conservation	Sponsored Projects & Individual as well as Collaborative	Department of Botany, B.J College, Ale
2.	Chemistry	Prof. M. H. Moulavi	Nano- chemistry	Sponsored project, Individual	Center for Materials for Electronics Technology (C-MET), Pune

3.	Physics	Prof. S. F. Dhakane	Soil Sciences	Sponsored project, Individual	Department of Physics, UOP
4.	Economics	Dr. S. R. Gavhale	Tribal communities	Sponsored project, Individual	Department of Economics, UOP
5.	Hindi	Dr. M .B. Rathor	Tribal languages	Sponsored project, Individual	Department of Hindi, UOP
6.	Commerce	Dr. M. B. Khandare	Retail Markets	Individual	Department of Commerce, UOP
7	Geography	Prof. G. D. Gandhile	Religious Tourism	Individual	--
8	Geography	Prof. R. N. Kaspate	Urban Water Consumption	Individual	--
9	Geography	Prof. A. M. Bibe	Beach Tourism	Individual	--

3.1.6 Give details of workshops/training programmes /sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbining research culture among the staff and students.

- To promote and imbibe the spirit of research among the staff and students, at the college, **Faculty Lecture Series** is initiated in which, the faculty members present their research work, methodology, findings and social impact of their study in front of other faculty members and students.
- In these activities various issues related to research are discussed and the resulted interaction helps to develop research temperate among the faculty and students.
- The details of sensitization programs involving external experts are given below.

Sr. No.	Activity	Theme (s)/title of the activity	Organizing Department & Date
1	Expert Lecture Series	GM crops & food security, Ethnobotany and Plant Diversity & its potential	Botany 09/01/2010
2	Expert Lecture Series	Basic sciences and Their Importance and Opportunities in Plant Based Product	Botany 9/03/2011
3	Poster Presentation	Environmental issues & Bio – Diversity	Botany 1-7 February 2012,
4	Workshop	Food Adulteration awareness	Chemistry 09/02/2012
5	Workshop	One Day workshop on Radio Telescope and its Applications organized at GMRT on dated 02/02/2013	Physics 02/02/2013
6	Entrepreneurship workshop	Scopes in the Plant Biotechnology, Medicinal plants and Forest Management	Botany 28/02/2013
7	Workshop	Modeling of basic concepts of physics for secondary and higher secondary science Teachers	Physics 01/03/2014
8	Science Exhibitions	Environmental conservation, Pollution control, etc.	Academic & Research Coordinator every year

- Beside this, the Guest lecturers are also invited to deliver their findings of research to encourage the students and faculty.

3.1.7 Provide details of prioritized research areas and the expertise available with the institution.

- Now a day's for the sustenance of society most priority area of the research is current environmental & socioeconomic problems. Our institute's faculty members carry out their research projects related to local and national issues. Their research findings will prove that, it is beneficial

for local peoples as well as for organizations. However, the output of the research activities has contributed for development of society.

Expertises available with the institution in different fields are given below.

Sr. No.	Department	Name of Faculty	Field of Expertise
1	Zoology	Dr. A. A. Shaikh	Parasitic hymenoptera Taxonomy
2	Zoology	Dr. V. D. Jadhav	Parasitic Cestodes Taxonomy
3	Botany	Dr. S. R. Rahangdale	Plant Taxonomy, Biodiversity & Conservation
4	Physics	Prof. S. F. Dhakane	Bio-Physics, Soil Sciences
5	Physics	Dr R U Mene	Nano-Bio -Ceramics
6	Chemistry	Prof. M. H. Moulavi	Catalysis, Soil Analysis
7	Commerce	Dr G M Dumbre	Marketing
8	Commerce	Dr M B Khandare	Retail Management
9	Economics	Dr. S. R. Gavhale	Tribal communities
10	Physical Education	Dr U. P. Paneru	Athletics
11	Marathi	Dr A A Bhopatkar	Problems of Womens

3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

- Expert lecture series, Workshops, Seminars, invited lectures and other programs are being organized by different departments. Under these, eminent researchers are invited to interact with faculty and students. The college authorities encourage the faculty to invite the researchers through organization of seminars, conferences. During such activities following eminent researchers have visited the institution.

Sr. No	Researcher/ Eminent Person	Designation	Purpose of visit/Talk delivered
Department of Botany			
1	Dr. V. S. Ghate,	Scientist 'E', Agharkar Research Institute, Pune	Formal interaction with students of S.Y.B.Sc.
2	Mr. S. D. Raut	ACF, Junnar Forest Division, Junnar	Medicinal plant Exhibition and book Exhibition Inauguration
3	Dr. Ajay Deshmukh	Curator, Leopard Rescue Centre, Manikdoh, Junnar	Lecture on Leopards Facts and conservation problems
5	Dr. Satish Pande	Ornithologist, Pune	Lecture on Owl Diversity in India and its significance
6	Dr. V. S. Ghate,	Senior Scientist, Agharkar Research Institute, Pune	Plant Diversity, Ethno- botany & Bio-prospecting
7	Dr. H. D. Sane	Ex Head, Department of Botany, Abasaheb Garware College, Pune	Wild is Beautiful and Conservation of Biodiversity
8	Dr. M. B. Khetmalas	Director, Biotechnology Department, D. Y. Patil Institute, Pune	Genetics molecular Breeding Biotechnology. Recent Development in Bt- Cotton
9	Dr. Ganesh Dama	Principal, Institute of Pharmacy, Dumbarwadi, Otur	Opportunities in Plant Based Products
10	Dr. Mrs. S. S. Rahangdale	Assistant Professor, Department of Botany, B. J. College Ale	Basic sciences and Their Importance'
11	Dr. S. M. Bhuskute	Principal, Bhavbhuti Mahavidyalaya, Amgaon, Dist. Gondia, MS.	Delivered lecture on Insectivorous Plants of Maharashtra and visit to the <i>Taleran</i> Sacred Grove
12	Shri Anil Satkar	President, Junnar Taluka Professional Photographer Association	Photography as business in the field and off the field.
13	Shri Raichand Shinde	TV Journalist, IBN Lokmat	Video-graphy in the present day electronic media and

			opportunities
14	Shri Avinash Pawar	TV Journalist, Star Maza	Still photography skills for electronic media
15	Shri Bhau Mengade	Professional photographer	Event Photography- skills and opportunities
16	Shri Ramnath Meher	Journalist, Daily Lokamat, Gaonkari, and Kesari	Use of Photographs in the News in relevance to social problem solving through Print media
17	Shri. Bharat Awachat	Journalist, Daily Sakal	Impact of Photographs in the News in Print media and their significance
18	Shri. A. D. Bhosale, IFS	Deputy Conservator of Forests (Territorial), Ghod Project Division, Junnar	Inauguration of Science Exhibition on Wild life Week 2012 and interaction with students about forest Management, Conservation and opportunities in forestry
19	Dr. R. V. Gandhe	Scientist Emeritus, ARI, Pune	Inauguration of Nature Photography Competition
20	Dr. Mrs. K. R. Gandhe	Ex. Head, Dept. of Botany, Modern College, Pune	Need of GMO crops for food Security
21	Shri. A. D. Bhosale, IFS,	Deputy Conservator of Forests (Territorial), Ghod Project Division, Junnar	Forestry in India and Need of Joint Forest Management
22	Dr. S. S. Rahangdale	Assistant Prof. in Botany, B. J. College, Ale	Medicinal Plants and Business Opportunities
Department of Chemistry			
23	Prof. M. S. Wadia	Department of Chemistry, University of Pune	Spectroscopy and Natural Product Chemistry
24	Dr. K.S. Jain	Sinhagad College, of Pharmacy, Pune	Pharmaceutical Chemistry
25	Dr. Rajiv Kumar	National Chemical Laboratory, Pune	Catalysis
26	Mr. Vinay Gore	MERCK, Panvel	organic chemistry and its applications
27	Dr. P. Jayshankar	IICB, Kolkata	Analytical chemistry and its applications

28	Prof. Ashok Bhosale	SGRS College, Saswad	Electronic Application of semiconducting materials
29	Dr. K. G. Kanade	BOS Member, Uni. of Pune	Modes of adulteration in food
30	Mr. Ilgar Ashok	Food, Inspector, Ahmednagar	Identification of adulteration in food
Department of Physics			
31	Dr. Pandit Vidyasagar	Director, BCUD, University of Pune	Application of Biophysics
32	Dr. S. D. Dhole	Head, Department of Physics, University of Pune	Radiation Sources and Detectors
33	Prof. Arun Adsul	Principal, VP's ASC, Baramati	Application of Optics.
34	Dr. K.C. Mohite	Principal, HV. Desai College, Pune	Generation and Utilization of Solar Energy.
35	Prof. S. D. Aghav	Head, Dept. of Physics, B.R. Gholap College, Sangavi	Nuclear and Electron Spin Resonance and its applications
36	Dr. Pandit Shelke	Director, Board of Student Welfare, University of Pune	Opportunities in Physics
37	Mr. J. K. Solanki	AO, GMRT, Khodad	Applications of Radio Telescope
38	Dr. S. B. Iyyer	Vice Principal, Ahmednagar College Ahmednagar	Nanotechnology and its applications
39	Mr. G.T. Shirole	ASC, College, Pravaranagar	Opportunities in Research
40	Dr. Tambade P.S.	Head, Depet of Physics, RMC, Akurdi, Pune	Simulation and dynamics of Computational Physics
41	Mr. Bhise R.B.	Assit. Prof. B.J. College, Ale	Classical and Quantum approach of Physics
Department of Commerce			
42	Dr.B.R.Sangle	Dean of Commerce university of Pune	State Seminar
43	Dr. S. U. Jadhavar	Chairmen Business Law Board	State Seminar
44	Dr. Sanjay Kaptan	Head Dept. of Commerce, UOP	State Seminar

45	Dr. G.T. Sangle	B.O.S. Business Administration	State Seminar
46	Dr. A.H. Gaikwad	Member B.O.S. Accountancy and Member of Faculty of Commerce	State Seminar
47	Dr. Suhas Mahajan	Head Department of commerce, Ness Wadia College, Pune	State Seminar
48	Dr. S.N. Nanavare	A.M.College, Hadapsar	State Seminar
49	Mr. Sanjay Gandhi	Rotariyan, Rotary club Pune	Guest Lecture
50	Mr. Vivek Valvankar	Rotariyan, Rotary club Pune	Guest Lecture
51	Mr. Shrikant Mohite	Rotariyan, Rotary club Pune	Guest Lecture
52	Dr. M. M. Jadhav	Member B.O.S. Mathematics and Statistics	Guest Lecture
53	Dr. Shivaji Takalkar	Member B.O.S. Business Laws	Guest Lecture
54	Dr. A.H. Gaikwad	Member B.O.S. Accountancy & Faculty of Commerce	Guest Lecture
55	Dr. Dumbre Vaishali	D.G.O, Dnyanprabhadini, Pune	Guest Lecture
56	Prof. Kasture Yogesh	Associate Professor, Dnyansagar Institute of Mgt. and Research Pune	M.B.A. Guidance
57	1Samata Bhandare 2. Harshawardhan Karhe 3. Vinesh Kahire	Trainers, Edgu. Bridge Institute Pune	Short term Course
Department of English			
58	Dr. Ashok Chaskar	Dean, Arts and Fine Arts, University of Pune.	For the guidance to the students and staff
59	Dr. Arjun Jadhav	BOS Member, University of Pune.	For the guidance to the students and staff
60	Dr. Anand Kulkarni	BOS Member, University of Pune.	For the guidance to the students and staff
Department of Geography			
61	Dr. J. C. More	BOS, Geography, UOP	Carrier guidance to students

Department of Hindi			
62	Dr. Premlata Chutail	Dean Art & Fine Arts Faculty Ujjain University	National seminar
63	Dr Sadhana Nirbhay	Professor Ujjain University	National seminar
64	Dr. K I Sattegi	Principal, B Ed College Belgaum	National seminar
65	Dr. Hemraj Meena	Professor Kendriya Hindi Nideshalaya, Hyderabad	National seminar
66	Dr. Shaikh Shahabuddin	Ex-Chairman, BOS Hindi University Of Pune	National seminar
67	Dr. Suresh Babar	B.O.S. UOP	National seminar
68	Dr. Sadanand Bhosale	Professor, UOP	National seminar
69	Dr. Tabassum Shaikh	Professor Madhya Pradesh	National seminar
70	Dr. Kotame P.V.	Professor, K.T.H.M. College Nasik	National seminar

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

- Eight percent of faculty has utilized Sabbatical Leave for research activities.
- In addition to this faculties are given duty leaves for attaining the conferences, workshops and seminars.
- The faculty involved in research carried out their most of the work during vacations, in the college laboratory or the institution in which they have registered for research (Ph.D. /M.Phil.).
- For the field work under the research projects, facility of duty leave is being provided to the faculty as an encouragement towards research.
- These provisions have certainly improved the atmosphere and quality of research work in the campus

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/advocating/transfer of relative findings of research of the institution and elsewhere to students and community (lab to land).

- To transfer the knowledge generated through research to the students and ultimately to society, **Faculty Lecture series** is initiated where our faculty members present their research, methodology and results in front of students.
- Our faculty members also work as resource person in different events/programs and to the villagers through NSS camps every year.
- Different departments provide free consultancy services to farmers and Government agency which positively affect livelihood of local people.
- The news and information related to the research findings and awareness is being published in the leading Marathi and English newspapers, including, **Daily Sakal, Lokmat, Times Pune Mirror, Gaonkari, Prabhat, Pudhari, Maharashtra Times and Agrowon.**

The Detail information about the new weed, Anoda cristata (Family:- Malvaceae) reported by Dr. S. R. Rahangdale first time from Maharashtra state (research paper published in the Indian Forester, Sept. 2013 issue) was dissipated throughout the Maharashtra state considering its concern with the farmers of the state.

- An article on the '**Occurrence of Killer Weed- Anoda**' in the Daily, **Pune Mirror** on 13/10/2013.
- An article entitled, "*Shetakaryano Savdhan- Navin Tan Yetaya*" in Marathi daily, '**Sakal**' on 09/11/2013 to create Awareness amongst peoples about the characters, occurrence and distribution of new weed *Anoda cristata* with photographs and research methodology followed for the same, by Shri Bharat Awachat.
- An article entitled, "*Junnar Bhagat Aadhalala Anoda Tanacha Pradurbhava*" in Marathi daily, '**Agrowon**' on 26/12/2013 in **AgroVision**

all over the Maharashtra to create Awareness amongst farming community of Maharashtra state about the characters, occurrence, reproduction, distribution and control measures of new weed *Anoda cristata* with photographs.

- A special report entitled, "*Congress Gavata patho-path American Anodahi dakhal*" in Marathi daily, '**Maharashtra Times**' on 30/12/2013 to create Awareness amongst peoples about the characters, occurrence and distribution of new weed *Anoda cristata* with photographs, by Shri Dharmendra Kore.
- A news/report entitled, "*Dr. Rahangdale Dampatyacha Gaurav - Vanaspatinvaril Shodhanibandhas Rashtriya Patalivaril Pratham Kramank*" about the M. Sabu Award received by Dr. Rahangdale, emphasizing the importance of their study on rock outcrops and the results highlighting the consideration of two locations as biologically separate entities while preparation of developmental plans. In the Daily **Sakal** on 09/01/2014.
- A Comment note, "**Paryavaran preminkadun Swagat**" in response to the declaration of Ecologically Sensitive Areas in the Western Ghats by Government of India; to clear the doubts of common peoples. In the Marathi daily '**Pudhari**' by Mr. Minanath Pansare, reporter daily '**Pudhari**' in the special report on the Western Ghats – "**Jagar Jaivasampadecha**" on 22/03/2014.

Television interviews and special articles:

- An interview of Dr. S. R. Rahangdale on '**Assessment and conservation of Biodiversity**' taken by Mr. Avinash Pawar, TV Reporter, **Star Maza** and Mr. Raichand Shinde, TV Reporter, IBN Lokmat was broadcasted on '**Star Maza**' on 5th Dec. 2010.
- A special article on the efforts taken by Dr. S. R. Rahangdale and Dr. S.S. Rahangdale for "Development of Home garden by plantation of Wild

plants, achieving conservation” - *“Sahyadrichya Ranganmadhil Jaivavividhateche Rang Thet Parasbaget!”* written by Mr. Raichand Shinde, Reporter **Daily Prabhat** and TV Reporter of IBN Lokmat, was published on 3/2/2011.

- An Article Under the column *“Mulukhavegali Manse”* was published in the Marathi daily, **“Sakal”** on 01/03/2012 about contribution to develop home garden through study of wild plants. Written by Mr. Bharat Awachat, Journalist, daily ‘Sakal’.

3.2 Resource Mobilization for Research

3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.

UGC has given budget/grant for laboratory equipments, journals and other research incentives. Beside this there is institutional share for different activities and facilities for research purpose. About **6.63%** amount is earmarked for research and development out of the college budget (Total college budget = Rs. 38,50,046/-).

The major heads of expenditure for the academic year 2012-13 are:

Sr. No.	Major Head	Allocated (Rs.)	Utilized (Rs.)
1	Reference Books & Journals	68,815/-	68,815/-
2	Registration Fee & TA/DA for Seminar/conferences	81,147/-	81,147/-
3	Equipments	1,05,196/-	1,05,196/-
4	Seed money	--	--
	Total	2,55,158/-	2,55,158/-

3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

At present there is no such provision available to teachers for research work. However, the faculty avails financial support to participate in conferences and seminars under PTAC grant of UGC.

3.2.3 What are the financial provisions made available to support student research projects by College?

To inculcate research aptitude amongst the students, University of Pune organizes AVISHKAR competition every year. Those students presenting their research projects in AVISHKAR competitions, input material required for the project, printing cost and travel grant from the provision made by BCUD, University Pune. Since, from the AY 2010-11, BCUD, University of Pune is providing Rs. 10,000/- per year towards expenditure to promote student research.

3.2.4 How does the various Departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.

At present, inter-disciplinary research is not undertaken by the staff. However, staff members exchange their ideas, views and suggestions among them to the technical or non technical purposes and problems regarding the research work. The Faculty Lecture Series is one of the platforms, where discussions are made about the inter-disciplinary research and ideas are exchanged.

3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

Every year research facilities are enriched by purchase of different new equipments, journals, books by the college. Laboratories are also constructed and developed as per the requirements of research. The research facility available

with different departments is utilized by the faculty as well as students on request.

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If 'yes' give details.

No, Institutions does not receive any special grants or finances from the industry yet. However the research project and various infrastructural grants are received for developing research facility from various funding agencies such as University of Pune, UGC, ICSSR, etc.,

3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.

The faculty is encouraged to submit their research proposals to different funding agencies. Support is given to the faculty in terms of following ways.

- The college encourages the faculty to apply for the research projects to various funding agencies through ARC.
- ARC provides all the information regarding the funds available with UGC under major & minor research projects.
- Facilities and counseling is provided by the college for submitting the research proposals.
- The institute promotes collaborative research activities with research/Scientific organizations, Universities
- Basic infrastructural facilities are provided such as laboratories, computer, cupboards, instruments etc.
- Administrative and accounting services are provided by the college office.

- The details on on-going and completed major/minor research projects by faculties are as follows

Major Research Project's On-going/Completed

Sr No	Principal Investigator & Department	Title of project	Funding agency	Grant sanctioned	duration	Status
1.	Dr. M G Chaskar	Catalysis	UGC, New Delhi	10,00,000/-	2006-2009	Completed
2.	Dr. S. R. Rahangdale (Botany)	Inventorization and Digitization of Pteridophyte Diversity from District Pune	UGC, New Delhi	10,73,900/-	1/02/10 – 31/01/13	Completed
3.	Dr. B. N. Kamble (Economics)	Effectiveness of Development program for scheduled tribes in Maharashtra	UGC, New Delhi	8,26,200/-	1/2/10 31/01/12	Completed
4.	Dr. S. R. Gavhale (Economics)	Socio-Economic Study of "Pardhi" community in Rajasthan & Gujrat	ICSSR, New Delhi	11,00,000/-	Jan. 2014 to 2016	On-going

Minor Research Projects On-going/Completed

Sr No	Principal Investigator & Department	Title of project	Funding agency	Grant sanctioned	duration	Status
1	Dr. G. M. Dumbre (Commerce)	Role of Pre-harvest contractor in marketing of Banana in Pune District	UGC, New Delhi	35,000 /-	2004-06	Completed
2	Dr. A. A. Shaikh (Zoology)	Statistical survey of Malarial parasite from Junnar taluka	UGC, New Delhi	27,000 /-	2004-06	Completed
3	Dr. S. R. Rahangdale (Botany)	Wild genetic resources of Food Legumes from Tribe Phaseolae	University of Pune	1,70,000/-	2006-08	Completed

		(Fabaceae) from Maharashtra				
4	Prof. S. F. Dhakne (Physics)	Study and measurement of soil pH, Conductivity	University of Pune	50,000/-	2009 -11	Completed
5	Prof. S. S. Jagtap and Dr. S. R. Rahangdale (Botany)	Cyanobacterial Biodiversity From North – Western Ghats from Maharashtra	University of Pune	45,000/-	2009 -11	Transfer
6	Prof. S. F. Dhakne (Physics)	Measurement and study of soil micronutrients	UGC, New Delhi	1,45,000/-	2010 -12	Completed
7	Kawade N. D. (Marathi)	Rajan Gavas yachya sahyatil krishivishayak vichar	UGC, New Delhi	85,000 /-	2011 -13	Completed
8	Prof. M. H. Moulavi (Chemistry)	Transition metal doped nanocrystalline MgO to Wittig olefination	UGC, New Delhi	1,70,000/-	2012-14	Completed
9	Dr. M. B. Rathor	Prabha Ketan ke Upanyason me Narijivan	University of Pune	1,30,000/-	2014-16	On going

3.3 Infrastructure for Research

3.3.1 What are the research facilities available to the students and research scholars within the campus?

- Well equipped departmental laboratories with all necessary equipments for the research are available for the faculty.
- The College subscribes several scientific and research journals. The library is constantly updated with the latest research literature.
- Internet facility is provided to all departments to help students and research scholars in updating and keeping themselves abreast of the current developments in the subjects concerned.

- Training is provided for students in the efficient handling of laboratory equipments
- In addition Computer and English Language laboratories are available.

All the above facilities create a conducive atmosphere for research in the institution.

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

- The college through ARC identifies the new and emerging areas of research and encourages faculty to apply for research funding on regular basis in these areas.
- The Reference books published in the new and emerging areas are purchased and made available to faculty & research students.
- Faculty are encouraged to visit various laboratories to gain expertise in establishing infrastructural facilities.
- Number of E-journals and E-Books are subscribed to help the researchers.
- The monetary provisions are being made by the institution for the purchase or construction for research facility enhancement.
- Beside this, the proposals for instrumentation and library enrichment are submitted to the UGC, New Delhi in each five year plan.
- The financial help from University of Pune, under Quality Improvement Programme (QIP) for instruments is also availed.
- Encouragement to the faculty to raise funds for research facilities especially instruments and books through minor and major research projects from different funding agencies.

3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If 'yes', what are the instruments/ facilities created during the last four years?

No, Institutions does not receive any special grants or finances from the industry yet. However the research project and various infrastructural grants are received for developing research facility from various funding agencies such as University of Pune, UGC, ICSSR, etc.,

3.3.4 What are the research facilities made available to the students and research scholars outside the campus / other research laboratories?

- The faculty and students make use of the research facilities available at the “Center for materials for Electronic Technology (C-MET), Pune and National Chemical Laboratories (NCL), Pune.
- Students visit various national research Laboratories like ISCER, NCL, C-MET, GMRT, NCRA, IUCAA.
- The faculty and students make use of the research facilities available at the Central Instrumentation Laboratory of Department of Physics and Chemistry, University of Pune.
- Research scholars and the faculty have access to the laboratory facilities available at the parent departments of the affiliating University.
- Faculty has access to the University of Pune, Central Library for reference books.
- The institution issues NOC to work with other laboratories.

3.3.5 Provide details on the library/ information resource centre or any other facilities available specifically for the researchers?

- The college has a well established ICT centre with good infrastructural facilities to enable researchers to review literature and help in thesis writing.
- The library provides various facilities and services such as Computers with broadband internet services, e-Journals, Reference Books, Periodicals, Printer and Scanners etc.

- INFLIBNET – NLIST facility, sponsored by the UGC-Infonet Digital Library. Consortium to Government aided colleges provides full text access to more than 6000 e-journals and 90000 e-books
- Internet facility is provided to all departments to help in updating and keeping themselves abreast of the current developments in the subjects concerned.
- The College library is enriched with recent national and international journals, books, magazines, etc. to facilitate research projects. Internet facility is available in each and every Department of the College.

The details of the books, journals and periodicals, e-journals, e-books available in the library are as follows.

Library holdings	Text books	Reference Books	Journals/ Periodicals	e-resources
2004-05	1454	134	50	NIL
2005-06	1073	432	59	NIL
2006-07	2395	158	57	NIL
2007-08	2029	927	74	NIL
2008-09	1508	267	81	NIL
2009-10	2023	438	87	NIL
2010-11	1374	195	103	NLIST (6000+)
2011-12	1487	1343	95	NLIST (6000+)
2012-13	979	303	77	NLIST (6000+)

3.3.6 What are the collaborative researches facilities developed / created by the research institutes in the College? For e.g. Laboratories, library, instruments, computers, new technology, etc.

Teachers/research students may collaborate at their own level with other laboratories, research organization/industry within/outside the campus.

3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of:

- Patents obtained and filed (process and product)
- Original research contributing to product improvement
- Research studies or surveys benefiting the community or improving the services
- Research inputs contributing to new initiatives and social Development

❖ Patents obtained and filed (process and product): NIL

❖ Original research contributing to product improvement: NIL

❖ Research studies or surveys benefiting the community or improving the services:

Research Studies carried out by the faculty members are benefiting the society by creating awareness regarding the various social and environmental issues. Some examples are,

1. The plant diversity study by Dr. Rahangdale has shown that, the Junnar Forest Division has about 10% of the Indian Endemic Species of Flowering plants.

The information is being used in the followings-

- To formulate Eco-Sensitive Zone around Bhimashankar Wildlife Sanctuary.
- In making developmental plans for the villages around the sanctuary.
- In the implementation of Joint Forest Management at specific locations.
- In the plantation of local and endemic species at Shivneri fort, the Birthplace of Chatrapati Shivaji Maharaj.

The contribution of this research brings out planning for sustainable development in this region. Following are the research projects and surveys through which the society is benefited.

Soil Analysis – Department of Chemistry & Physics

Survey of Malaria vectors and cases – Department of Zoology

Biodiversity survey of Durgawadi Plateaus – Department of Botany

Research inputs contributing to new initiatives and social development:

- Research projects of the faculty are related with the problems of the society. Their findings are beneficial for local people & survivor. The outputs of projects are submitted to funding agencies for further necessary action.
- The findings of the research activities undertaken by the faculty members have contributed policy makers, Government Agencies, non-Government Organizations, Corporate Sector in meeting the needs and solving the problems affecting the society.

3.4.2 Does the Institute publish or partner in publication of research journal(s)? If ‘yes’, indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

Currently, the college does not publish any Journal.

3.4.3 Give details of publications by the faculty and students:

The numerical details of the publications by faculty between the years 2004-2014 are given in the following table.

Sr No	Faculty	Dept	Publications (Nos.)					Gen articles / News
			Journals		Pro c.	Books	Conf pres.	
			Nat.	Inter Nat.				
1.	Dr. S. R. Rahangdale	Botany		9	--	6	26	5
2.	Prof. S. F. Dhakane	Physics	--		3		1	
3.	Dr. R. U. Mene	Physics	1	8	2	--	20	
4	Dr. A. A. Shaikh	Zoology	1					

5	Dr. V. D. Jadhav	Zoology	2					
6	Prof. S. S. More	Maths		2				
7	Dr. G. M. Dumbre	Commerce	3					
8	Dr. M. B. Khandare	Commerce	2					
9	Dr. V. M. Shinde	Chemistry	2					
10	Dr. M. B. Rathod	Hindi	1					
11	Prof. D. M. Tilekar	Hindi	1					
12	Dr. A. A. Bhopatkar	Marathi		2				

*** Number of publications listed in International Database (for e.g.: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)**

All the published papers mentioned below are listed in International Databases.

Sr. No.	Database	No. of Papers
1	Biological Abstracts	11
2	Chemical Abstracts	2
3	CAB Abstracts	11
4	Biosis Previews	1
5	EBSCO	1
6	Google Scholar	1
7	Index Copernicus	1
8	Journal seek	1
9	New Journal	1
10	OCLC World Cat	1
11	Stanford University Libraries	1
12	Virtual Library of Biology	2
13	Zoological records	2

List of publication by faculty is given below.

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14. **Khandare M. B. and G. M. Dumbre.** 2006. Business process outsourcing in India a present status and prospectus and further challenge. *Indian Journal of Commerce*, 60(3):211.
15. **R. U. Mene,** M. P. Mahabole, R. C. Aiyer, R. S. Khairnar. 2010 Hydroxyapatite Nanoceramic Thick Film: An Efficient CO₂ Gas Sensor. *Open Applied Physics Journal*, 3:10-16.
16. Pradny. N. Chavan, Manjushree. M. Bahir, **Ravindra. U. Mene,** Megha. P. Mahabole, Rajendra. S. Khairnar. 2010. Study of Nanobiomaterial Hydroxyapatite in Simulated Body Fluid: Formation and Growth of Apatite. *Material Science and Engineering B.*, 168:224-230.
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21. **Ravindra U Mene**, Megha. P. Mahabole, K.C. Mohite, R. S. Khairnar. 2014. Fe doped Hydroxyapatite thick films modified via Swift Heavy Ion Irradiation for CO and CO₂ gas sensing applications. *Journal of Alloys and Compounds*,584:487-493.
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28. **Tilekar D.M.** 2013. Ekkisavi sadi ke upnyasome stri-vimarsha. *Power of knowledge*, pp.22.
29. **Rathod M.B.** 2012. Adneyake Kavye me Prayogdharmita. *Gorvani*, pp.52.
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31. **Bhopatkar A.A.** 2011. Role of Technology in Communication. *International Journal of Advances in Management, Tech. And Engr. Sciences*, Pune, 1(4).

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33. **Ravindra U. Mene**, M P. Mahabole, K.C. Mohite and R. S. Khairnar. 2014. Cobalt blended Hydroxyapatite as a CO Gas Sensor. Proceedings of National Conference on sustainable Energy Development and Environment systems. Pp. 91-96. ISBN 978-93-83414-18-5
34. Phapale N.S. Pansare R K, Bhise R B, **Dhakane S F**. 2014. Automation System for saving electricity using temperature sensor and IR receiver Proceedings of 18th National seminar on Physics and Technology of Sensor pp. 101-103 ISBN 978-81-924850-1-0
35. **Dhakane S F**. 2013. Using photonics techniques in agriculture as a applications: A Case study on the effect of pesticides over does in grape wine yards (*Vitis vinifera* L.) Leaves. Proceedings National Conference on physics and chemistry of advanced materials. Pp.682-687 ISBN No:- 978-93-83183-26-5
36. Dhakane S F. 2013. Thermo-luminescence Techniques in Agriculture: Investigations on the effect of insecticides growth regulator, over doses in grape vine yards *Vitis vinifera* L. leaves. Proceedings of National conference on Nanomaterials: Applications and properties. Pp. 40.

* **Monographs** : - Nil

3.4.4 Provide details (if any) of:

❖ **Research awards received by the faculty:**

- **Dr. S. R. Rahangdale** awarded with **Prof. M. Sabu Award for Best Paper amongst Scientists and Teachers** at the XXIII Annual Conference of Indian Association for Angiosperm Taxonomy and National Seminar on

“Recent Advances in Plant Taxonomy Research” held at RSTM Nagpur University, Nagpur during 27-29 December 2013.

Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally.

Sr. No.	Faculty	Committee	Recognition	Status
1	Dr. S. R. Rahangdale	Eco-sensitive Zone Declaration around the National Parks & Wildlife Sanctuaries – Bhimashankar Wildlife Sanctuary	Member	National
5	Dr. S. R. Rahangdale	ENVIS, Biodiversity Portal, Ministry of Environment and Forests, Government of India. - www.bsienviis.nic.in	Expert Outside BSI for Angiosperm	National
6.	Dr. S. R. Rahangdale	Mentor Committee, College of Potential for Excellence scheme, Vivekanand College, Kolhapur.	Member	National
7.	Dr. S. R. Rahangdale	Ghod Project Division, Dept. of Forests, Govt. of Maharashtra	Visiting Botanist	State
8.	Dr. S. R. Rahangdale	University of Pune (BOS in Botany)	Recognized PG teacher	University

Incentives given to faculty for receiving State, national and international recognitions for research contributions.

Faculties are felicitated with Memento and Certificate of Appreciation in the annual gathering of the institution. The Certificate of Appreciation and Memento are also issued by PDEA, Pune as parent institution through, PDEA *Sevak Sahkari Patsanstha*, Pune.

3.5 Consultancy

3.5.1 Give details of the systems and strategies for establishing institute-industry interface?

- The college has established Placement centre through which the institution and industries are linked for training, employment and counseling.
- Recently, formal consent letters are received from the industries to provide expert visiting faculty for vocational courses proposed by the institution.
- Study tours of the students to the industries are being organized every year to inculcate entrepreneurship skills among students.

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

- The institution has a non formal policy decision to give freedom to the faculty to provide consultancy services on their own contacts and relations.
- Mostly the services are rendered without expecting any remuneration.

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

The institution encourages the staff to utilize their expertise and available facilities for consultancy services by taking the following initiatives:

- By giving recognition to consultancy services of the staff through its publications like the Annual Report.
- By giving incentives in the form of leave such as Study Leave/on Duty to faculty for their contributions in consultancy services
- The staffs have freedom to establish consultancy to any professional or non professional body.

3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

As the consultancy service is voluntary in nature, so there is no revenue generated through this service. Hence, consultation facility is free of cost in our institution for the benefit of students and local peoples. Following are the areas of consultancy in the institution.

Sr.No.	Department	Agency	Area
1.	Botany	Ghod Project Division, Junnar, Department of Forests, Government of Maharashtra	Assessment and Conservation of Biodiversity (The information shared to the Department of Forests, is used to formulate the developmental plans for the society and the upliftment of the local peoples and Forest Management through JFM. This information has significant impact on the overall developments in the area in a sustainable way)
2.	Botany	Students from Pharmacy stream from neighboring Institutes	Plant Identification
3	Chemistry	Farmers from Surrounding villages	Soil Analysis
4	Geography	Local People	Travel and Tourism Guidance for tourist Places and their routes
5	Physics	Farmers growing Grapes in Surrounding villages	Soil Sciences

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

The college provide consultancy services with out any income generation.

3.6 Institutional Social Responsibility (ISR) and Extension Activities

3.6.1 How does the institution promote institution-neighborhood community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

- The students are encouraged to participate in various activities and national programs such as health and hygiene awareness, medical camp, literacy campaign, environment awareness, women and youth empowerment, blood donation, rainwater harvesting, anti-raging, etc.
- All these activities are carried out under NSS, NCC and various other associations and departments, thus promoting College-neighbourhood community network and contributing to student's development.

The major activities fall under this are,

- ❖ Surveys and awareness campaigns by NSS volunteers in the villages.
- ❖ Blood Donation camps organized by NCC and NSS.
- ❖ Establishment of a Students Group engaged in the social as well as academic and research aspects.
- ❖ Ecosystem study by the group of students to inculcate team work and research aptitude towards environmental issues.
- ❖ Students are encouraged to organize and conduct workshops and programs.

3.6.2 What is the Institutional mechanism to track students' involvement in various social movements / activities which promote citizenship roles?

- The Institution utilizes knowledge and skill of experts for the optimum benefit of students, through organizing talks and extension lectures, Doctors, councilors, traffic police personnel, legal experts, social workers and others have been invited to interact with our students

regarding adolescent problems, traffic rules and regulations sexual problems etc.,

- Various National and International days are also observed and celebrated in the institution viz., - Earth Day, Environment Day, Human Rights Day and Voters Awareness Day.
- The institution is committed to attract students for participating in various social movements/activities by ensuring consistent encouragement and motivation through NSS camps to remote areas to bring awareness among the people about social evils, save girl child, how to save the green gold, how to save the ecological balance etc.

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

- Stakeholders (specially, parents, students, alumni and public representative) are formally and informally invited to observe the activities and performance of the institution.
- They are invited on all specific occasions like annual function, seminars, exhibitions, and IQAC meetings.
- They are informed about the programs, involvement of students and suggestions are invited from them to improve the quality and performance.
- The institution level meetings, viz., LMC, IQAC, Research Committee, etc are called half yearly to review the progress and take certain policy decisions regarding implementation of different activities.
- The College website is also a strong medium between institution and stakeholders regarding the information, progress and performance of the institution.

3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.

There is no separate budgetary provision in the college budget, but most of the extension and outreach programs are run through the NSS and NCC. The expenditure incurred on other programs is borne from incidental expenses of the institution.

- Institution arranges educational tours, excursions for students and extension lectures of the faculty members from the other colleges.
- The institution has various associations like Science association, Commerce association, Language association, Geography association.
- Through these associations, students are encouraged in outreach programmes.
- The students participate in NSS and NCC camps at remote areas and create awareness among the public regarding current social and health problems.
- Institution invites the civilians and students from the neighboring primary and secondary schools to visit the exhibitions on science, environmental awareness, photographs and others.

Impact of extension activities on the students.

- The students became aware about the different issues in the society.
- They became more society oriented.
- Problem solving ability is developed in the students.
- They now think sincerely towards the society and its upliftment.

Budgetary details for regular activities and special camps for last Ten years of NSS is as follows.

Year	Budget		
	Regular	Special camp	Total
2004-05	33603	34750	67773
2005-06	33750	37500	71250
2006-07	32250	37500	69750
2007-08	32250	62500	94750
2008-09	32250	62500	94750
2009-10	30500	55000	85500
2010-11	52700	73750	126450
2011-12	52500	73750	126250
2012-13	52500	73774	126274
2013-14	50000	71000	121000

The Details of Extension activities of NCC and NSS departments carried out in last ten years are as follows.

NCC Department

2004-2005

Total number of Cadets: - 106

- 1) Arote Sanjay Shirish was elected as Senior Under Officer.
- 2) Blood donation camp was arranged on 7/9/2004 and 25 cadets donated their blood
- 3) 44 cadets participated in Annual Training camp organized by 36-Maharashtra Batalian, NCC, Pune on 21/9/2004 to 2/10/2004
- 4) 40 volunteers participated in Maharashtra Vidhansabha Election on 13/10/2004 so Election completed peacefully.
- 5) Shinde S. N. selected for National Integration Camp in Nagpur on 19/10/2004 to 30/10/2004.
- 6) Hadawale Vikram Shantaram was selected for Kolhapur Track on 19/11/2004 to 2/12/2004
- 7) Dumbre Yogesh Sukhdev was selected for National Integration camp in Chennai on 23/12/2004 to 3/1/2005

- 8) A rally for collection of relief fund organized for Tsunami affected peoples on 6/1/2005 and Rs. 4551 collected.
- 9) Five cadets selected for Army Attachment Camp at Ahamednagar.

2005-2006

Total number of Cadets: - 106

- 1) Shinde Satyavam Tanaji was selected as Senior under officer.
- 2) Forty one cadets selected for Annual Training Camp organized by 36-Maharashtra Batalian, NCC Pune at Narayangaon on 1/6/2005 to 10/6/2005, and Shinde Satyavan Nanabhau acted as Senior Under officer of 500 cadets.
- 3) Six candidates selected in Army Attachment Camp in Ahamednagar.
- 4) Shinde Satyavan Tanaji and Hadwale Vikram were selected for National Integration camp in Chennai on 16/05/2005 to 27/05/2005.
- 5) Tambe Amol Bhiku was selected in NER tracking camp in Guwahati (Assam) on 7/12/2005.
- 6) Twenty three cadets participated in Annual Training Camp organized by 36- Maharashtra Batalian on 22/1/2006 to 2/2/2006.

2006-2007

Total number of Cadets :- 100

- 1) Tambe Amol Bhiku was selected as Senior Under Officer
- 2) Twenty one cadets were selected for Annual Training Camp organized by NCC Group Pune and Thikekar Nikhil Gulabrao acted as Senior Under Officer for this camp. This camp was organized on 1/8/2008 to 12/8/2006.
- 3) Plantation Program was organized on Independence Day.
- 4) Twenty cadets participated in Annual Training Camp Organized by 36 Batalian Maharashtra, NCC, Pune on 23/10/2006.
- 5) Ten cadets participated in Army Attachment camp organized by MIRC Ahamednagar.
- 6) Five cadets Selected in Annual Training camp organized by 36 Maharashtra Batalian, NCC, Pune.

2007-2008

Total number of Cadets :- 100

- 1) Three cadets participated in Army attachment camp organized by BEG Pune on 8/6/2007
- 2) Fifteen cadets participated in Annual training camp organized by BEG Pune on 1/8/2007
- 3) Twenty cadets participated in Annual training camp organized by BEG Pune on 18/8/2007
- 4) Five cadets participated in Army attachment camp organized by MIRC Ahamednagar 12/11/2007
- 5) Fifty cadets participated in Annual Training camp organized in Narayangaon on 10/1/2008.
- 6) Prof. Dumbre R. K. Participated in Pre- commission camp at Kamthi, Nagpur on 25/11/2007 to 23/2/2008.
- 7) NCC volunteers participated in Pulse Polio Program, Plantation, *Gram Swachhata Abhiyan* and various social activities.

2008-2009

Total Number of Cadets :- 100

- 1) Gadhve Vijay Sakharam was selected as Senior under Officer.
- 2) **Twenty** cadets Participated in Annual Training camp organized by 36 Maharashtra Batalian, NCC Pune at Sai Seva Dham, Kanhephaya on 19/7/2008 to 28/7/2008.
- 3) **Twenty** cadets Participated in Annual Training camp organized by NCC Group Pune. At Pune head quarters on 25/11/2008 to 30/11/2008.
- 4) Plantation Program was organized on Independence Day
- 5) Fifty Four cadets Participated in Annual Training camp organized by 36 Maharashtra Batalian, NCC Pune, at Sai Seva Dham, Kanhephaya on 20/12/2008 to 29/12/2008, various competitions and Blood donation cam

had been arranged and Sukale Ravi Sitaram ranked first in 100 m running competition

- 6) Five cadets participated in Army attachment camp organized by MIRC Ahamednagar on 3/11/2008 to 15/11/2008.
- 7) Twenty cadets Participated in Annual Training camp organized by 36 Maharashtra Batalian, NCC Pune at Sai Seva Dham, Kanhephaya on 12/1/2009 to 21/01/2009.

2009-2010

Total number of Cadets :- 100

- 1) Jadhav Umesh Haribhau was selected as Senior Under Officer
- 2) Nineteen cadets Participated in Annual Training camp organized by 36 Maharashtra Batalian, NCC Pune at Sai Seva Dham, Kanhephata on 1/7/2009 to 10/7/2009.
- 3) Forty volunteers participated in Maharashtra Vidhansabha (Assembly) Election on 12/10/2009 to 13/10/2009
- 4) Lieutenant Dumbre R. K., Ten NCC cadets and Nine Junior cadets participated in All India Tracking Expedition organized at Deep forest of Saputara by NCC Gujarat Directorate on 1/12/2009 to 14/12/2009.
- 5) Annual Training Camp was organized in College for Five Hundred Cadets from all over the District College NCC by 36 Maharashtra Batalian on 19/12/2009 to 28/12/2009
- 6) Four cadets Participated in Army Attachment Camp by MIRC, Ahamednagar on 15/1/2010 to 29/1/2010.

2010-2011

Total number of Cadets :- 100

- 1) Arote Ajay Shirish was selected as Senior Under Officer

- 2) Three cadets Participated in National Integration Camp organized by NCC Uttarakhand at Raiwala on 3/6/2010 to 14/6/2010.
- 3) Twenty one cadet Participated in Annual Training camp organized by 36 Maharashtra Batalian, NCC Pune at Sai Seva Dham, Kanhephaya on 4/6/2010 to 15/6/2010.
- 4) A Cycle Rally was Organized by Army Tofkhana Department, Nashik from Nashik to Otur on 16/9/2010 to 22/9/2010. This rally arrived in college on 16/9/2010. Major Anand Varma and Captain Tansingh Ghindasa lead the rally. Twenty cadets were participated in rally and awareness of Indian Army and its daily work was aimed behind this rally. Major Anand Varma delivered a nice lecture to college NCC cadets on Indian Army and Carrier in Indian Army.
- 5) Annual Training Camp was organized in College for Five Hundred Cadets from all over the District College NCC by 36 Maharashtra Batalian on 19/12/2009 to 28/12/2009.
- 6) Four cadets Participated in Army Attachment Camp by MIRC, Ahamednagar on 15/1/2010 to 29/1/2010.
- 7) Annual Training Camp was organized in the College for Four Hundred Fifty Cadets from all over the District College NCC by 36 Maharashtra Batalian on 19/12/2009 to 28/12/2009. During Camp various activities and competitions such as Firing, Drill, Plantation, Blood Donation camp and Power Point Presentation were arranged
- 8) Eighteen volunteers from NCC cadets participated in Shri. Mahalaxmi Fair to run fair peacefully.
- 9) Twenty one cadets participated in Annual Training camp organized by 36 Maharashtra Batalian, NCC Pune at Sai Seva Dham, Kanhephata on 4/6/2010 to 15/6/2010.
- 10) Forty cadets participated in Annual Training camp organized by 36 Maharashtra Batalian, NCC Pune at Balewadi on 27/10/2010 to 5/11/2010.

- 11) Three cadets participated in Army Attachment Camp by MIRC, Ahamadanagar on 8/11/2010 to 22/11/2010.
- 12) Seven cadets participated in Annual Training camp organized by 36 Maharashtra Batalian, NCC Pune at Sai Seva Dham, Kanhephata on 27/1/2011 to 5/2/2011.
- 13) Five cadets participated in Bihar Track organized by NCC, Bihar Directorate.
- 14) Plantation of 100 Plants in college campus by NCC cadets on independence Day.

2011-2012

- 1) Four students viz. Gaikar vishal S. Valsange Siddharth Arun, Phapale Amit vilas and Padekar yogesh C. Participated in *Thal sena camp* at NCC group headquarters, Solapur. Date 7/06/2011 to 16/06/2011. These students are also selected for Thal sena camp Pune.
- 2) Annual Training camp organized in college by 36 maharashtrian batalian at 9/07/2011 to 08/07/2011. In this camp commanding officer 15 PI staff, 10 civil staff and 450 students from different colleges of university participated. During this camp, Firing competition, Drill competition, Plantation and PPT competition and blood donation camp etc. arranged
- 3) For social response by the college, 18 NCC cadets worked as volunteers in Mahalaxmi fair in Umbraj. *Date. 16/10/2011.*
- 4) AIDS awareness program arranged by Sai Sanstha Dham Vadgaon Mavel and College. The awareness about the AIDS increased by doing drama in rally arranged in Otur village.
- 5) Twelve cadets helped the otur police station for peaceful completion of ZP and GP election 2012.
- 6) Five cadets participated in ATC, B. J. College, Ale. Arranged 36 Maharashtra Batalian.

- 7) Three cadets viz. Mahakal Sachin Housiram, Mahakal Atul Shankar and Vethekar Vishal Madhukar participated in Army Attachment Camp at MICR Ahamdnagar,
- 8) 36 Maharashtra commanding officer, Lt. Colonal. C. V. Varma permitted for participation of 33 % girls in NCC by visiting college on 13/03/2012.
- 9) Four NCC cadets selected in Indian army and four NCC cadets selected in Maharashtra police.

2012-2013

- 1) Two NCC cadets participated in Thal sena camp arranged by NCC headquarters Pune on 29/05/2012 to 07/06/2012.
- 2) Four NCC cadets selected and participated in Republic Day selection camp organized by 36 Maharashtrian Batalian Camp.
- 3) Six girls NCC cadets participated in NCC camp Pune between 23/08/2012 to 1/9/2012.
- 4) Seven NCC cadets participated in ATC NCC group headquarters pune between 13/10/2012 to 22/10/2012.
- 5) Four NCC cadets participated in National Integration Camp arranged by Satyabhama university, Chennai (Tamilnadu)
- 6) Two under officers participated in participated in Trecking camp in Kerala between 23/12/2012 to 30/12/2012
- 7) Three cadets participated in Army attachment camp Kamathi, Nagpur between 21/01/2013 to 30/01/2013
- 8) For social response by the college, 18 NCC cadets worked as volunteers in Mahalaxmi fair in Umbraj. *Date. 16/10/2012.*

2013-2014

- 1) Ten cadets participated in ATC Pune 10/06/2013 to 19/06/2013 and Eleven girls cadets participated in same ATC between date 20/06/2013 to 29/06/2013.

- 2) Two cadets and four girls cadets participated in ATC camp at Pune between 20/07/2013 to 14/07/2013. During which one cadet pande prashant laxman selected for J. V. Malavalnakar shooting camp. In this camp further he selected for National NCC games, Delhi.
- 3) Ten NCC cadets selected for the ATC camp and they honored there for success in in different games during the 26/10/2013 to 04/11/2013.
- 4) Eight cadets participated in Army attachment camp on 15/11/2013 to 29/11/2013 in Aundh, Pune.
- 5) For social response by the college, 10 NCC cadets worked as volunteers in Mahalaxmi fair in Umbraj. *Date. 16/10/2012*

NSS Department

The NSS unit of the college organizes different extension activities including the special camps and routine activities. The details of the special NSS camps are given in the table below and the details of other activities follows the table year wise.

Year	Period	Location	Theme
2004-05	03 Dec. – 12 Dec.	Ahinawewadi	Water Management
2005-06	27 Nov. – 06 Dec.	Nawalewadi	Dissaster Management
2006-07	02 Dec. – 11 Dec.	Kalwadi	Healthy Youth for Healthy India
2007-08	26 Nov – 5 Dec.	Ahinawewadi	Nirmal Gram
2008-09	24 Sept.- 02 Oct	Malwadi	Nirmal Gram
2008-09	29 Dec. – 07 Dec.	Pachghar	Nirmal Gram
2009-10	20 Dec. – 26 Dec.	Pimpalgoanjoga	Preservation & protection of cultural & historical places
2010-11	04 Dec. – 10 Dec.	Kopare	Environmental support to tourism
2011-12	20 Dec. -27 Dec.	Mandave	Shaswat Sarvasamaveshak Gramin Vikas
2012-13	12 Dec. -19 Dec.	Taleran	Shaswat Sarvasamaveshak Gramin Vikas
2013-14	14Dec-20 Dec	Sitewadi	Shaswat Sarvasamaveshak Gramin Vikas

2004-05

Total Volunteers : 250 No. of Males: 208 No. of Females: 42

1. Water Management Programm was Organused on 3/12/04 to 12/12/04
2. Kharat Yogesh, Kute Amol, Arote Tanaji participated at 'Jal Sakshar kranti abhiyan' under guidance of Dr. Rathod M. B.
3. Tambe Dipti Hande Raindra, Arote Tanaji, Shingote Pallavi has participated in AIDS awarness Programm at Anantrav Kanase Medical College, Alephata
4. Dr. V. M. Shinde, Dr. M. B. Rathod participated in 'Disaster Management Program' at Vidya Pratisthan, Baramati.
5. Fund of Rs. 4551 /- was collected for Tsunami Sufferers
6. Blood Donation Camp was arranged and 129 bottles were collected.

2005-06

Total Volunteers : 250 No. of Males: 208 No. of Females: 42

1. Kute Amol R. participated in 'Vruksh Dindi and Cleaning Programm' at Pandharpur.
2. Two NSS Volunteers participated in Environmental Awareness Program on 31/3/2006.
3. Shri Kute participated in 'Education in Universal Human value' at Panchgani.

2006-2007

Total Volunteers : 250 No. of Males: 149 No. of Females: 101

1. Organic Farming Awareness Program was organized at Kalewadi, for this Shri Balasaheb Hingane was invited peoples were guided for Vermi-compost Project.
2. Environmental Awareness Program was organized
3. Giri K. N. & Bodke K. D. participated in special camp on 14-24 Nov. 2006 at Anandvan (Vardha)

4. Prof. Tilekar participated in Orientation of NSS at Ahmadnagar from 17-25 Sep 2006.
5. Four Volunteers were sent to University Camp at Jejuri on 19/02/2007.

2007-08

Total Volunteers : 250 No. of Males: 143 No. of Females: 107

1. Soil Analysis camp was organized at Ahinvevadi on 27/1/2007 by Dr. Shinde V. M.
2. Environmental Pollution and Global warming were discussed before Ahinvevadi peoples and for this Prof. Jaising Gadekar, Ale College, was invited.
3. Plastic Collection Rally was organized on 15/09/2007 in Otur Village
4. Pathanatyas were arranged on subjects like *Haganmukti Gav*, *Zade Lava*, *Zade Jagva*, *Shikshanacha Adhikar* by NSS volunteers at Ahinvevadi on 24/9/2007.
5. At Rokdi, Kolhapur, Two NSS volunteers were participated in state level workshop.
6. Three NSS volunteers were participated at Anandvan (Vardha) on Personality Development camp.

2008-2009

Total Volunteers : 250 No. of Males: 152 No. of Females: 98

1. Iskande S. K. was participated in National Integration Camp at Jaipur, Rajsthan.
2. Participation of NSS volunteers in Energy Awareness and Conservation of Energy workshop at Annasaheb Awate College, Manchar, on 17-19 Jan 2009
3. Participation of Iskande S. K. in Career Mahostav at University of Pune on 9-15 Jun. 2008.
4. A lecture on 'Guidance for Competitive exam' was arranged in special camp, for this Dr. N. K. Belhekar SNTD college, Mumbai was invited on 6/12/2008.

5. Nine volunteers at Narayangaon and Ten Volunteers at Junnar were sent to Disaster Management Camp organized on 24 and 25 Feb .2009

2009-2010

Total Volunteers : 250 No. of Males: 172 No. of Females: 78

1. Miss. Dipali Mhasne participated in 3 days workshop on Wet land studies at Vidya pratishan, Baramati on 28/11/2009
2. Fifteen NSS volunteers participated in Disaster Management workshop at Annasaheb Awate College, Manchar on 27-28/1/ 2010

2010-2011

Total Volunteers : 250 No. of Males: 172 No. of Females: 78

1. Pathanatyas were arranged on subject of 'Shtri Bhrun Hatya'.
2. Participation of Vijat Gadhave and Mhasne Dipali in NRD camp, At Poona College on 4/9/2010.
3. Participation of Prof. Langade S. N. on Training and Two days Orientation course of NSS at Ahmadnagar college.
4. Ten Woman volunteers participated for National Woman's Days in Vilas Tambe Mahila Mahavidyalaya, Otur on 1-3 2011.

2011-2012

1. Tree Plantation of 100 trees on 15/8/2011
2. H.I.V. Aids Guest lecturer was delivered by Dr. PrachiSutar on 26/08/2011
3. Two Volunteers attended on Work shop Youth Saving Group in Wadia College Pune on 27/08/2011
4. Two Volunteers attended on Selection camp for National & State Republic day on 30/08/2011
5. Two Volunteers participated in Career Advance workshop arranged by NSS university of Pune 15/09/2011

6. Two Volunteers participated in Carrier Advance workshop arranged by NSS university of Pune 5-12/09/2011
7. An Essay competition was arranged on topic Youth power, Corruption and “SriBhrunHattya” 16/09/2011
8. Miss. RupaliSharadDumbre selected for R d Period at Amravati, Gujrat, Delhi 14-16/09/2011
9. Two Volunteers attended the Workshop on ‘Yuva Yuga’ at Spicercollege, Pune 15/09/2011
10. Special Winter camp Organization at Mandve on 24/09/2011 to 1/10/2011
11. Cleaning operation was performed in Otur Bus Stop on 02/10/2011
12. AniketDumbre Attended the workshop on Child Education at Pune University .on 12/11/2011
13. Eight Volunteers attended university level Disaster management Workshop at B. J. College, Ale 7-8/12/2011
14. Two volunteers attended the training program in National youth week at university of Pune. On 12/01/2011
15. Four volunteers attended camp on youth for nation development at Khed 16-23/01/2012.
16. Celebration of national voters day and week was celebrated. – elocution completion, guest lecture was also arranged 18-25/01/2012
17. Thirteen volunteers participated in ZP and PS election peaceful completion of Election on 07/02/2012.

2012-2013

1. Haemoglobin checkup camp for Girl Volunteers on 5/9/12.
2. Arrangement of rally in the village against “SriBhrunHattya” on 16/9/12.

3. Celebration of national Service Scheme week in which Arrangement of guest lecturer on Sribruinhattya, Book Exsubution , Essay Writing competition during 24-30th Sept. 2012.
4. Two Volunteers attended the Workshop at Pachgan on 27/11/12.
5. Arrangement of rally on save women child on 12/12/12.
6. Celebration of Road Security Abhiyan during 1-15th Jan. 2013.
7. National Youth week 12-19/1/2013.
8. Special Camp at village Taleran 12- 19/12/2012

2013- 14

1. Tree plantation on 18/8/2013
2. College Campus Cleaning on 25/8/2013
3. Street Play at Otur village were organized on StriBhrunHatya, Road Security Abhiyan and AIDS Awareness on 1/9/2013
4. Celebration of National Youth day on 12/1/2014.
5. NSS Volunteers Participated in National Pulse Polio Abhiyan on 23/2/2014.
6. Special Camp was organized at village Sitewadi during 14-20th Dec. 2013.

Due to participation in the extension programs, the students become more objective oriented and disciplined. Their focus was also reoriented towards social services and work culture to the society and the nation. They also developed the team work culture, cooperativeness and improved their presentation skills and personality in general.

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YDC and other National/ International agencies?

Institution encourages the students and faculty members to participate in the extension activities through wide spread communication, emphasizing the importance and role of the youth in nation building. For this purpose various programs, competitions, campaigns are regularly organized in the campus. The activities are conducted under the auspices of NSS, NCC and other bodies.

- The Army and Navy Officers are invited to give orientation, significance and prospects of NCC.
- During admissions the representatives of NCC and NSS appraise the student's benefits and prospects of extension activities; besides audio visual motivation sessions are held to inspire the students.
- Prospectus of the college provides all the information about the extension activities available to the student community.

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the College to ensure social justice and empower students from under-privileged and vulnerable sections of society?

- The College sincerely practices state social affirmative schemes introduced by the government for the upliftment of the under privileged communities, through higher education.
- The faculty members of the institution are actively involved in conducting, guiding and monitoring the survey, research and extension activities. Through the NSS and various departments, surveys of villages are conducted with respect to, Agriculture, land use, cultural, economic status, living standards, educational status of the peoples of the respective villages.
- The faculty have established "Late Baburaoji Gholap Poor Students Aid Fund". Through this, financial support has been given since last three years to many students from economically backward strata for paying fees, Medical treatments, and competitive examination preparations. The

information from the surveys conducted is considered as baseline for the same.

- Youth Capability introduction program to create awareness among the youth on nationalism, AIDS, to benefit the community and society at large.
- Tree plantation program for the Clean and Green Environment.
- Awareness program on Health, Education and Social problems

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

- One of the main objectives and initiatives of our College is the overall personality development of students.
- Along with academic excellence, all these extension activities are conducted with the intention of ensuring the multidimensional development.
- In the light of objectives and expected outcomes of the extension activities, Institution is determined to develop students as responsible citizens, development of their sensitivity towards social and environmental issues, development of personal and professional skills and ethical values.
- The extension activities by the NSS and NCC students are a step towards awareness and action for the community development.
- A concerted effort has been made to link the extension activities to complement student's academic learning.
- The numerous experiences of these activities will inculcate a positive impact on students' emotional, intellectual, social, and inter-personal development.
- During these camps the students by working together with other individuals, learn to negotiate, communicate, manage conflict, and lead

others, along with values like sharing, honesty, respecting others opinions and time, compassion.

- The College facilitates students to acquire and develop skills like managing, organizing, multi-tasking, team-work, leadership, independent thinking etc.
- The students are greatly benefited from intensive learning group discussion, value based education programs and various communicative skills development programs and extension activities.
- It is observed that, the students participating in such activities have improved their experiences, presentation skills, and also the subject knowledge.

3.6.8 How does the institution ensure the involvement of the community in its outreach activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

- The institution is roping in communities to actively participate in the extension activities. This has contributed to both, community and institution net-working and development of the institution.
- The Institution utilizes the knowledge and skill of experts for organizing talks for the students on various issues such as: adolescent problems, sexual abuse and health problems of the girl students and senior citizens.
- Under NSS and NCC programmes students have given training to local people to create awareness among the public with respect to various social issues which overall contribute to the development of community.
- The institution ensures involvement of the community through NCC and NSS. NSS adopts a village for its out-rich activities.
- The institution contributes to society by conducting programmes and drives in the form of social awareness, awareness towards development

issues, Gender equity, National unity and integration and awareness about social evils.

- The parents and citizens are invited to visit the various college activities and exhibitions.
- Separate reading section has been established in the college library for Senior Citizens.

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

The institution has developed cordial relationship with other institution like Gram Panchayat, local Schools, PHC and other service providing agencies.

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

“The Best College Award” of PDEA, Pune was conferred to the institution for overall performance in the academic year 2012-13.

3.7 Collaborations

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives – collaborative research, staff exchange, sharing facilities and equipment, research scholarships, etc.

Faculty members are collaborating with other research/academic institution in their individual capacity. Some projects are jointly completed by the faculty of other institutions.

The details of faculty involved in the collaborative research work are given below.

Research project	Faculty member	Responsibility	Collaborating Faculty of other institution	Responsibility	Joint publications
Digitized Inventory of Medicinal Plant Resources of Maharashtra	Dr. S. R. Rahangdale	Co-PI	Dr. S. S. Rahangdale, B. J. College, Ale, Tah. Junnar, Dist. Pune	Principal Investigator	Yes
Transition metal doped nanocrystalline MgO to Wittig olefination	Prof. M. H. Moulavi	Principal Investigator	Dr. K. G. Kanade, Annasaheb Awate college, Manchar	Co-PI	In process
Developmental Changes among Pardhi Community in Maharashtra	Dr. Sandipan Gavhale	Principal Investigator	Dr. D. R. Parihar (IAS) Director General Dr. Babasaheb Ambedkar Research and Training, Pune	Co-PI	In Porcess

In addition to this faculty pursuing research degrees are also having some joint publications with the persons at other institutions.

3.7.2 Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other Universities/ industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

From the academic year 2013-14 the institution has signed MOU with,

- Maharashtra State Agro & Rural Tourism (MART) regarding exchange of faculty and facilities to conduct training to the students about Tourism.
- Morde Foods, Manchar towards the campus interviews and placements in different fields of food products.

3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment/creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution, viz. laboratories / library/ new technology /placement services, etc.

I. Placement:

- Placement of many students is done with the involvement of industries located in Pune region.
- As the MOUs are signed recently, they have not contributed yet in such respects, but in the coming academic year they will help to develop placement services, and infrastructure.
- Other than the above, a few industries viz., Wipro BPO Ltd. Pune; Bharat Forge Ltd. Pune; Serlite Industries, LTD., Dadara Nagar Haveli; Force Motors, Ltd. Pune; and Cipla which do not have formal MOUs with the institution, also conduct campus interviews for the students and placement is being provided to suitable candidates.

3.7.4 Highlighting the names of eminent scientists/participants, who contributed to the events, provide details of national and international conferences organized by the College during the last four years.

Names of eminent scientists/participants, who contributed to the events organized by the College during the last four years, are given event wise in the following tables.

National seminar on “Kabir ka Samajik Chintan” was organized on 5-6 March 2010.

Sr.No	Name	Affiliation
1	Dr. Premlata Chutail	Dean, Art & Fine Arts Faculty, Ujjain University, Ujjain
2	Dr Sadhana Nirbhay	Professor in Hindi, Ujjain University, Ujjain
3	Dr. K I Sattegeri	Principal, B Ed College Belgaum, Karnataka
4	Dr. Hemraj Meena	Professor, Kendriya Hindi Nideshalaya, Hyderabad
5	Dr. Shaikh	Ex Chairman, BOS in Hindi, University of Pune

	Shahabuddin	
6	Dr. Suresh Babar	Chairman, BOS in Hindi, University Of Pune
7	Dr. Sadanand Bhosale	Professor, University of Pune
8	Dr. Tabassum Shaikh	Professor, Madhya Pradesh
9	Dr. Kotame Popat V.	Professor, K.T.H.M. College, Nasik

3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated:

The College has so far signed MoUs with **two** organizations / industry since the last academic year, 2013-14.

The institution has linkages with following institutions/industries.

- Department of Forests, Government of Maharashtra, (Ghod Project Division, Junnar).
- Hon. Balasaheb Jadhav College, Ale, Junnar, Pune.
- Centre for Materials for Electronic Technology, (C-MET), Pune.
- University of Pune.
- Babasaheb Ambedkar Research & Training Institute (BARTI), Pune.
- Industries viz., Wipro Ltd. Pune, Bharat Forge Ltd., Chakan Pune, Serlite Industries, LTD., Dada, Nagar Haveli, Force Motors, Ltd, Pune, and Cipla.

The institute through the linkages developed with different agencies has achieved its goals as mentioned below:

a) Curriculum development/enrichment:

- MART have supported in designing the syllabi of B.Voc. Course in Tourism.

b) Internship/ On-the-job training: NIL

c) Summer placement: NIL

d) Faculty exchange and professional development:

- The faculty members have taken up research activities in areas such as biodiversity of this region, socio-economic environment. These collaborations have created a platform for the faculty for improving their knowledge in research.
- All the collaborations are related with the research activities. They are mainly meant for research, publications and seminars.
- The faculty members are invited as expertise in respective fields for discussions, seminars, biodiversity conservation and policy framing.

f) Consultancy:

As the faculty members of the institution have consultancy with

- Department of Forests, Government of Maharashtra;
- Botanical Survey of India, Ministry of Environment and Forests, Government of India;
- Sharadchandra Pawar Institute of Pharmacy, Otur.
- BARTI, Pune.

g) Extension:

- Before actual campus interviews, the representatives from respective industries deliver talks to the students about how to enrich their personality, interview technique, modern developments in industry and marketing, etc., which have great impact on the students.
- These activities conducted by the College have enriched the knowledge of the students and also the faculty members with regard to communication skill, team work, leadership development and understanding the social issues.
- This in turn has contributed in providing quality education by the institution.

h) Publications:

- Joint publications are resulted from such linkages in the journals of national and international repute. Such publications by the faculty members in different subjects have contributed in the enhancement of the subject knowledge and teaching quality.
- These publications are the baselines for further research and development as well as policy making as the research is of fundamental sciences.

i) Student Placement:

- The leading organizations such as, Wipro BPO Ltd. Pune; Bharat Forge Ltd., Chakan Pune; Sterlite Industries, Ltd. Dadara Nagar Haveli; Force Motors, Ltd, Pune; ICICI, Bank Pune; Prayog Constructions, Mumbai; MD Solutions Company, ltd., Pune; PSB Creative Labs Pvt. Ltd. Co. Pune; and Cipla etc. have conducted campus selection for the students of this institution. Some of the students were selected and placed at suitable positions.

j) Training programmes: NIL

k) Introduction of new courses:

- Proposals of Bachelor of Vocational (B.Voc.) in tourism and Marketing were submitted to the UGC, New Delhi.

l) Student exchange: NIL

m) Any other: NIL

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/ collaborations.

- The institution invites the Officers of IFS and other cadres working in different Government Offices to deliver their views about their specialization of work in formal or informal manner.

- The institute also invites the Social workers and members of NGOs to share their views with faculty and students.
- Institution has invited the Director, MART, Thane district to visit and discuss the situation to establish a linkage and to initiate the training course in Agro-tourism as a joint venture.
- Such initiatives have resulted into establishment of good academic as well as cultural linkages between faculty members and different departments.

3.7.7 Any other relevant information regarding Research, Consultancy and Extension which the College would like to include.

Right from the time of its inception, our institute has been treating Research as its top priority and boosting it in the best possible manner.

Research

- The ARC Coordinators and Research Promotion cell keep track of UGC fellowships available or schemes of other funding agencies.
- They guide the faculty through all the stages, namely applying for grant, grant of study leave, adjustment in time-table, exemption from extra-curricular work, TA & DA for travel etc.
- Students are encouraged to explore new prospect of knowledge through various research projects. In addition to this, free transport facility, books and required tools are provided to them for research work.
- A respectable number of research papers by the faculty have been published in leading national and international journals.

Consultancy:

- The institution has made a name for itself in the region through the consultancy services provided by it. In turn, we are also benefited by the expertise received by us from various agencies.

Extension Activity:

- Institutions leads its various outreach programmes, it has brought tremendous improvement in the lives of underprivileged people of the villages adopted from time to time
- The college has the fine practice of raising funds and collecting other valuable materials to help the victims of natural calamities.
- The students internalize the virtue of selfless service so well that they feel committed to help the underprivileged people wherever they meet them.
- The beneficiaries are their domestic helps, old and sick people in the neighbourhood, accident victims and poor patients in hospitals needing blood.
- The best feature of our extension services is that we rope in the other agencies and institutions as well as expertise to bring about life-long changes in the target groups.
- The college plans for establishment of linkages/collaborations with national, state, local bodies, industries and research institutes to boost research, consultancy and extension tasks relating to Curriculum development/enrichment, On-job training, publications, student placement.

Photo gallery



Dr. S. R. Rahangdale receiving Prof. M. Sabu Award of Indian Association for Angiosperm Taxonomy for the Best Paper amongst Teachers and Scientists at Annual Conference of IAAT, held at RSTM Nagpur University, Nagpur on 29/12/2013.



Our students presenting their research model in AVISHKAR 2013



Awareness about Biodiversity Conservation: interactive talk with NSS volunteers and local peoples by Dr. S. R. Rahangdale.



In field training to the students, in the Forest Nursery, at Udupur.



Consultancy to the Department of Forests, Ghod Project Division, Junnar about Biodiversity conservation at Durgawadi Plateau.



Appreciation of student participated and presented the Ecosystem Study Program conducted by department of Botany.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

The Demand of creation and enhancement of infrastructure is need for the effective teaching and learning process. These requirements are fulfilled through the reputed contractors/dealers according to their tenders with lowest cost, material quality and required time duration to complete the work.

- The College focuses on two infrastructure policies such as Physical and Information and Communication Technology (ICT) Infrastructure.
- As per the increase in strength of students, the existing physical infrastructure facilities have been expanded to meet the growing needs of the stakeholders.
- New computer labs are established with latest configuration and internet connection, under ICT infrastructural facilities.
- Provision of ICT enabled class room, labs, offices, staff room, have been upgraded to electronically and digitalized with LCD's, computer systems, laptops and Audio/video systems for effective modern teaching.
- To decide the infrastructural requirements for developing the master plan, Principal and Management Committee review the IQAC Inputs, Annual Departmental Reports and feedback information from stakeholders. Finally, the approved infrastructural plans are executed by the Local Management Committee (LMC).
- In addition to this college are being engaged to collect the infrastructural funds from the various funding agencies such as UGC, BCUD, University of Pune, etc.

4.1.2 Detail the facilities available for

a) **Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.**

Curricular and Co-curricular facilities

- The College campus is spread over 22 acres of land with a constructed/built up area of 80193.75 sq. ft.
- There are 8 buildings: Main Building, Building A, B, C, D, Library Building, Sports and Gymkhana Building & Hostel. Building A, B, C, D having 22 spacious well furnished Lecture halls / Classrooms.
- The college has one equipped Auditorium/Conference room.
- All the buildings on the campus are provided with adequate infrastructural facilities for all academic, administrative and examination related activities.

Technology Enabled learning spaces/facility:

- ICT Department of the college have been provided with computers, laptops, LCD projectors, laser printers, scanners, 1Mbps internet connectivity, Collar microphone with amplifier and speaker.
- The entire campus is connected with intercom facility.
- The College having ICT labs with the provision of OHP's, Multimedia learning and internet connectivity.

Seminar Hall:

- We have one well equipped Seminar hall having LCD projector, Audio/Video equipments for conducting Extension Lectures, Staff Meetings, and Literary and Cultural programmes and competitions.

Tutorials:

- Tutorials are part of the curriculum and are conducted in the classrooms and also in the seminar halls.

Laboratories:

- The College had 07 well equipped laboratories, 22 well furnished class rooms:

The following infrastructure facilities are available in the college for curricular and co-curricular activities

Class rooms	22	Library & Reading Rooms	01
Commerce Laboratory	01	Department Libraries	00
Science Laboratories	06	HOD Cabins	14
Conference/Seminar hall	01	Examination cell	01
Virtual Learning Centre	00	Staff common Room	01
Common room for girl students	00	Boys room	00
Teaching Learning equipment	YES	Zooplankton pond	00
Botanical Garden	00	Animal House	00

Botanical Garden and Animal house:

- A well maintained Botanical Garden with a variety of Ornamental and Medicinal plants.
- Zoology Department maintains an Animal in the form of preserved specimens like reptiles, birds, insects, pisces etc., and also maintains live animals for dissection as a part of practical study.

Technology enabled learning spaces

- The college has Technology enabled learning facility includes LCD projectors, OHPs, Laptops, computers, printers and internet connectivity with 81 computers, 8 laptops, 04 LCD projectors, 18 Printers, four all-in-one Printers, one 52" LCD TV, one CRT TV sets, one SLR digital camera and one handy-cam camera.
- Departments have separate cabins with Computer and Internet connectivity.

- Reprographic facility is available in the library for staff and students.

Specialized facilities and equipment for teaching, learning and research:

- Instruments like Laminar air flow system, refrigerated centrifuge, UV spectrophotometer, Muffle furnace, Microwave oven, pH meter, conductometer, potentiometer, refracto-meter, colorimeter, rotavapor, laser gun , CRO, Spectrometer, Signal generator and Experiment Tables are available.
- Water Purification System for drinking water
- All the labs and library building are equipped with “Fire safety systems”
- Central Library with internet connectivity and INFLIBNET: N-List and Spacious reading hall.
- The college has excellent facilities for in-door and outdoor games and sports activities.

b) Extra –curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

Department of Physical Education and Sports:-

Department of Physical Education is a pride of our college in the rural and hilly area and students of our college have excelled in this area.

Outdoor Games:

- The college has well maintained playground for games such as Cricket, Football, Handball, Net ball, Kabaddi, Hockey, Kho-Kho, Archery, Soft ball, Base ball, Volleyball, Basketball, and eight lanes 400 Meters running track.
- Multi facility Gymnasium provides necessary equipments, machinery to motivate students to take part in various above mentioned sports.

Indoor Games

- Facilities for indoor games like Table Tennis, Carrom, Chess, Mat Wrestling and Badminton court are provided to the students.
- **Details for number of players participated in various outdoor and indoor events at different levels are as follows.**

Year	No of Player Participated in		
	Inter Collegiate	Inter Zonal	Inter University
2004-05	---	---	---
2005-06	127	13	02
2006-07	48	02	02
2007-08	30	01	01
2008-09	08	01	01
2009-10	61	03	01
2010-11	91	05	NIL
2011-12	100	11	1
2012-13	137	11	2
2013-14	146	20	1

Gymnasium

- The college has well equipped multi facility gymnasium for the students

Auditorium:

- A modern Auditorium/Conference room having an area 1055 sq. ft is well equipped with LCD, Projector, Internet connection, Audio/Visual System and has seating capacity of more than 150.

National Service Scheme:-

National Service Scheme of the college has acquired a good repute in the University of Pune. The Self development of the students can be achieved by organizing the N.S.S camps in the rural/tribal/slum areas, where the students get exposure for doing social activities. Boys and girls are proactively participating in this activity.

- The college has two units of NSS with 125 students each.

- A separate room is provided for NSS units with equipments worth Rs.1.15 lakh.
- Various socially relevant services are carried out by NSS students such as Blood Donation camps, counter checking of Pulse Polio drive, Adult Education, Anti Pollution drives, Aids Awareness rally etc.

National Cadet Corps:-

The NCC has been established in the year of 1971. The college batalion is '36 MAH BN', Pune with the capacity of 100 cadets. The cadets attend various camps such as NIC, ATC, Army attachment etc. and also participates them in social activities, Tree plantation, Blood Donation Camp. Our college has been got best leadership award & best Cadet's award for the deserving cadets. Girls NCC unit is also integrated from the academic year 2012-13. Every year, 17 girl cadets newly enrolled in the NCC. At present total 34 girls NCC cadets are in the unit. Details of year wise various NCC camp attended students are as follows.

Sr.No.	Academic Year	ATC Camp	NIC Camp	RD Camp	Army Attachment Camp	Total Cadet
1	2004-05	44	02	NIL	05	106
2	2005-06	64	02	NIL	06	106
3	2006-07	45	NIL	NIL	10	100
4	2007-08	95	NIL	NIL	05	100
5	2008-09	96	NIL	NIL	05	100
6	2009-10	19	NIL	NIL	04	100
7	2010-11	81	03	NIL	03	100
8	2011-12	80	04	NIL	03	100
9	2012-13	65	04	NIL	03	100
10	2013-14	39	NIL	NIL	08	100

Cultural Activity:-

- Cultural activities and competitions are organized every year in the college.

- The cultural activities are conducted to enrich the creative exposure of the students. The events such as Rangoli, drama, singing, dance and acting competitions etc. are carried out in this event.
- Annual prize distribution ceremony is organized at annual gathering.

Public Speaking, Communications Skills Development

To develop practical skills of the students such as creative writing, public speaking, debate, communicative English, and group discussions etc. college organizes workshops, seminars on personality and soft skill development.

- A course on communication and soft skill development is made mandatory for all UG students.
- Department of English runs the certificate course on communicative English for weaker students, to develop the “English speaking” skills.
- Department of Physics offers a course on basics of computer and computer interfacing for update and awareness of computer knowledge.

Yoga:

- The college organizes Yoga classes in the campus for healthy life.

Health and Hygiene:

- The college has a Health unit handled by specialized local doctors for diagnostic and medical treatment of students and staff.
- College organizes health camps, to conduct regular checkups of students and staff.
- A first-aid facility is also available in every department of the college.
- The college has a RO-UV purification system for drinking water.
- Separate common rooms and urinals for girl students are available.

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during

the last four years (Enclose the Master Plan of the Institution/ campus and indicate the existing physical infrastructure and the future planned expansions if any).

The college ensures that the optimum utilization of infrastructural facilities in systematic way to benefit students & teachers. Emphasis has been given on proper utilization of available physical facilities. In view of this, college curriculum is adjusted in two shifts and is as follows.

Sr.No.	Shift	Time	Faculty	Working
1	Morning	8.00 am to 1.00 pm.	Arts and Commerce	Lectures and Practical
2	Afternoon	11.00 am to 5.00pm.	Science	Lectures and Practical

Library managements:

The Central library is two stored with well equipped and furnished. Discipline, safety and convenience are reflected in the library managements by following ways.

- Text books and reference books for UG and PG are arranged in the first floor. Reference books are organized as per subject and it helps for searching the necessary book.
- Student reading room and staff reading rooms are well equipped with furniture and electricity facility located on the upper floor.
- Separate provisions are made for book issuing counters to UG and PG students.
- Librarian cabin is well furnished with glass windows to keep vigilance on issuing counter and maintain overall peace in the Library.
- Separate periodical section, spacious arrangement for book racks & cupboards, Internet access, Store Room, Staff reading room is provided in the Library. However, other periodicals, important books, Encyclopedias, holy books are also arranged with their classification.
- Entry register is maintained for students as well as staff.

- Library working hours are 9 am to 5.00 pm.

Infrastructure Details

- Management Committee decides on the new courses to be introduced and on existing course seat enhancements on the basis of the inputs from Departmental Annual Reports, IQAC recommendations and stakeholder's feedback.
- Management Committee makes a decision on use of existing facilities to ensure optimum utilization and the additional infrastructural facilities if required for the new courses.
- Over the last Ten years the institution spent the following amounts to augment and create infrastructure facilities.

The Facilities and the amount (in rupees) spent is as follows:						
Year	Office equipment / Furniture	Laboratory equipments	Building Rent	Computers	Gymkhana	Construction/ Maintenance
2004-05	4822/-	168242/-	NIL	5832/-	11080/-	474078/-
2005-06	165832/-	138502/-	NIL	35782/-	22984/-	275797/-
2006-07	4000/-	1341/-	NIL	8481/-	4290/-	621801/-
2007-08	250007/-	56860/-	NIL	413400/-	NIL	566400/-
2008-09	75787/-	822228/-	NIL	112540/-	151177/-	97053/-
2009-10	30188/-	316792/-	NIL	NIL	87587/-	191980/-
2010-11	17590/-	725119/-	NIL	NIL	NIL	14078/-
2011-12	340881/-	576748/-	NIL	116805/-	97468/-	57746/-
2012-13	939183/-	1347370	NIL	68250/-	39245/-	49048/-
2013-14	70,000/-	395122/-	NIL	200000/-	NIL	443668/-
Total	1898290/-	4548324/-	NIL	961090/-	413831/-	2791649/-

Total amount spent on Infrastructure is of Rs-1,06,13,184/-

Optimum utilization of infrastructure:

- After college hour's certificate courses in convergence are conducted.

- On Sundays and other holidays the infrastructure is utilized for conducting various competitive examinations such as, IAPT/NGPE, CHEMAID, M.Sc online entrance.
- College campus is utilized for NCC, NSS and sports activities.
- College campus is utilized for community services like pulse polio immunization, senior citizens day, Psychology counseling centre etc.
- Auditorium and seminar halls are used for academic and socially relevant activities, for conducting classes for the students appearing for MH-CET, GATE, IAPT, CHEMAID, SET/NET counseling, elections etc.

Projected Master Plan/Future expansions.

- Water tank of 50,000 liters capacity.
- Extension of Library building.
- Auditorium with audience capacity 600 to 1000.
- Enhancement in Computer facility.
- Provision of Printer, Scanner, and Laptops to every department.
- To introduce vocational courses.
- Renovation and extension of Laboratories.

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

- The institution is committed to accommodate such students on the ground floor, with front seat arrangements & attendant facility when needed.
- Physically challenged students have been given special care during examination Period. College has also constructed ramp and toilets at the ground floor for their convenience
- Scribes are provided to the differently abled students during the time of examinations. An attendant escorts the handicapped students while visiting the washroom.

4.1.5 Give details on the residential facility and various provisions available within them:

Hostel Facility –

The College built boys' and girls' hostel in the campus. Girl's hostel having 16 rooms with the capacity of 64 girls students. In hostel spacious, ventilated and well furnished rooms with attached bathrooms are available. Boy's hostel having 13 rooms with the capacity of 40 students.

Recreational facilities, gymnasium, yoga center, etc.:-

College have well equipped gymnasium for indoor and outdoor games. Yoga and Health camp has been organized by physical education department.

- **Computer facility including access to internet in hostel:** - Proposed
- **Facilities for medical emergencies:** - First Aid Box is available
- **Library facility in the hostels:-** Proposed
- **Internet and Wi-Fi facility:-** Internet facility with 100 MBPS broad band connectivity is available in the college with LAN facility. Yet Wi-Fi facility is not available in the college.
- **Recreational facility-common room with audio-visual equipments:-** Proposed
- **Available residential facility for the staff and occupancy:** - Proposed
- **Constant supply of safe drinking water:** - The College has a RO-UV purification system for drinking water.
- **Security:** - Night watchman guards are appointed in the college as well as for hostel security.

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

- According the University norms and guidelines regularly medical check-up programs are organized in the college.
- First aid boxes are available in all departments and are regularly updated.

- College gymnasium is well equipped with all necessary instruments.
- Yoga classes are conducted in college regularly.
- Extension lectures are delivered by specialist doctors on the topic of “health and hygiene” especially for students.
- Health check up camps is organized for students and staffs regularly.

4.1.7 Give details of the Common Facilities available on the campus–spaces for special units like IQAC, Grievance Redressal unit, Women’s Cell, Counseling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

The college has clearly marked spaces for common facilities available on the campus and the details are as follows.

Sr.No.	Particulars	Area	In-Charge
1	IQAC	840 sq. ft.	Prof S F Dhakane
2	Grievance Redressal unit	500 sq. ft.	Dr G M Dumbre
3	Women’s Cell	4000 sq. ft.	Dr A A Bhopatkar
4	Counseling and Career Guidance	200 sq. ft.	Dr A A Shaikh
5	Placement Unit	200 sq. ft.	Dr V D Jadhav
6	Canteen	600 sq. ft.	Prof R N Shirsat
7	Recreational spaces for staff and Students	Gents: 1040 sq. ft.	Senior faculty by rotation
8	Safe drinking water facility	Two Water Purifiers with RO-UV facilities	Prof N L Bhandari
9	Auditorium	1040 sq.ft. Capacity: 150 Audiance	Prof D M Tilekar
10	Audio-Video facility:	LCD Projector, sound etc.	Prof H M Borate

4.2. Library as a Learning Resource

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

Yes, as per the Guidelines and norms of Pune University, College has formed library advisory Committee and the composition is as follows.

Library committee 2012-13

Sr. No.	Name of the Member	Post	Designations
1.	Prof.S.N.Kukale,	Principal	Chairman
2.	Dr.G.M.Dumbre,	Vice Principal	Member
3.	Dr.A.A.Shaikh	Vice Principal,	Member
4	Prof.N.H.Hande	Librarian	Secretary
5.	Prof S F Dhakane	Senior Faculty	Member
6.	Prof.K.D.Sonawane	Senior Faculty	Member

- **Two student representatives from UG & PG are worked as a member.**

Initiatives and activities of Library Advisory Committee:

- Library Advisory Committee meets twice in year to make the strategies and action plan of the whole year.
- It is the bridge between the Librarian, Management and users. It plays a vital role for developing the infrastructural requirements and to prepare the action plan for effective utilizations of library.
- Incorporation of Departmental Reference Library.
- Introduction of OPAC
- Access of online journals in all departments.
- Book bank facilities are also available to all students.
- Old editions of the textbooks are distributed to the poor students on their demands.
- Book Exhibitions are organized to encourage reading habits among the students.
- Latest arrivals are displayed on the notice boards.

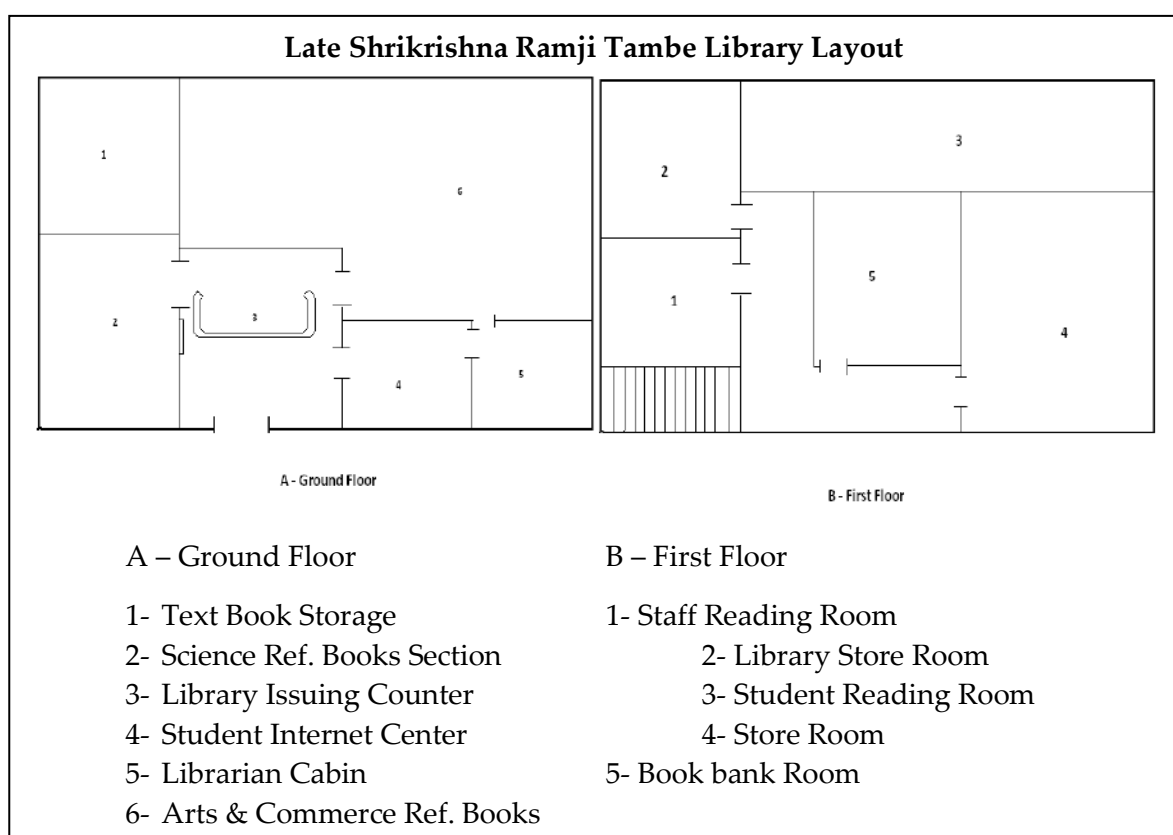
4.2.2 Provide details of the following:

Total area of the library (in Sq. Mtrs.)

Sr No	Particulars	Size (in Sq. Feet)
01	Student reading room	948.06 Sq. Ft.
02	Staff reading room	213.15 Sq. Ft.

03	Stack room	1950.91 Sq. Ft.
04	Librarian's room	201 Sq. Ft.
05	Computer Room	180 Sq. Ft.
06	Issue counter	500 Sq. F.
07	Poarch	93 Sq. Ft.
08	Library Store Room	598.85 Sq. Ft.
	Total Built Up Area	4684.97Sq. Ft.

Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)



Total seating capacity: -

- **Students Reading Room:-** 70 students
- **Staff Reading Room:-** 10 Staff

Working hours (on working days, on holidays, before examination days, during examination days, during vacation)

- On working days- 9am to 5pm

- | | |
|-----------------------------|-----------------------|
| • On holidays- | Library remain closed |
| • Before examination days:- | 9am to 5pm |
| • During examination days:- | 9am to 5pm |
| • During vacation:- | 9am to 5pm |

4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

- On the recommendations of the Library Advisory Committee and HOD's, the librarian calls the quotations and works on to purchase the relevant books, journals, online and offline information sources to support all the courses offered in the college.
- On the advice of LMC and Principal, the management allot an appropriate budget to purchase the said source materials.

Purchase and Use of Current Titles, Print

The library follows three methods for purchasing new titles.

- Directly from Publishers
- Through Distributors by calling quotations.
- For newly introduced books the distributor brings books on approval bases which are subsequently purchased.
- Through book Exhibitions.

E-journals/Online Resources

- The college has registered with INFLIBNET–NLIST for e-journals
- Online journals are procured in order to meet the growing project works undertaken by the UG & PG students and research students work undertaken by faculty.
- CD's and DVD's are provided which come along with the books and magazines.

The amount spent on procuring new books, journals and periodicals during last 4 years is given below.

Library holdings		Text books	Reference Books	Journals/ Periodicals	e-resources	Any other (specify)
2004-05	Number	1454	134	50	NIL	NIL
	Total Cost	114254.00	23004.00	11384.00	NIL	NIL
2005-06	Number	1073	432	59	NIL	NIL
	Total Cost	175905.00	20988.00	12687.00	NIL	NIL
2006-07	Number	2395	158	57	NIL	NIL
	Total Cost	151643.00	24696.00	13946.00	NIL	NIL
2007-08	Number	2029	927	74	NIL	NIL
	Total Cost	113849.00	271624.00	18511.00	NIL	NIL
2008-09	Number	1508	267	81	NIL	NIL
	Total Cost	110634.00	114078.00	30061.00	NIL	NIL
2009-10	Number	2023	438	87	NIL	NIL
	Total Cost	211945.00	171611.00	34446.00	NIL	NIL
2010-11	Number	1374	195	103	NLIST	NIL
	Total Cost	176003.00	95035.00	41662.00	5000.00	NIL
2011-12	Number	1487	1343	95	NLIST	NIL
	Total Cost	114325.00	314498.00	42691.00	5000.00	NIL
2012-13	Number	979	303	77	NLIST	NIL
	Total Cost	99460.00	143438.00	44892.00	5000.00	NIL

4.2.4 Provide details on the ICT and other tools deployed to provide maximum

Access to the library collection?

OPAC

This Service is provided to the users through Library software (ETH) and made accessible for students and staff. Twelve computers are connected to the Library Database by using LAN.

Electronic Resource Management package for e-journals

The College has not subscribed ERM package for e-journals. However subscription of online e-journals with in-house and remote access is provided. i.e. N-LIST.

Federated searching tools to search articles in multiple databases: NO

Library Website

Separate library website does not exist. However library details are reflected on the college website.

In-house/remote access to e-publications

College subscribes N-LIST database having both in house and remote access, which is password based subscription. The database contains e-books and journals.

Library automation

Library is automated using ETH software. Bibliographic data of all library collection is added in the database. Bar-coding technology is also used for library operations. i.e. Issue/Return, library in out, etc.

Total number of computers for public access in Library: 06

Total numbers of printers for public access: 01 printer & 01 Reprographic Machine

Internet band width/ speed: 2Mbps

Institutional Repository: Old text books, back volumes of journals and magazines.

Content management system for e-learning: Nil

Participation in Resource sharing networks/consortia (like Inflibnet):

YES, Participation in resource sharing networks/consortia through INFLIBNET – NLIST, for the students and staff to enable free access to the database and collect information.

4.2.5 Provide details on the following items:

Average number of walk-ins:- 350-400

Average number of books issued/returned:- 250

Ratio of library books to students enrolled:- 26:01 (2012-13)

Average number of books added during last year's:-

Year	Types of Books added		Total No. of Books
	Text	Reference	
2004-05	1454	134	1588
2005-06	1073	432	1505
2006-07	2395	158	2553
2007-08	2029	927	2956
2008-09	1508	267	1775
2009-10	2023	438	2461
2010-11	1374	195	1569
2011-12	1487	1343	2830
2012-13	979	303	1282

Average number of login to OPAC (OPAC):-	35
Average number of login to e-resources: -	12
Average number of e-resources downloaded/printed: -	20
Number of information literacy trainings organized: -	01.
Details of “weeding out” of books and other materials:-	Once in Year

Sr. No.	Number of books weeded out	Particulars
1	3004	Multiple copies of textbooks of Outdated Syllabus (Withdrawn)
2	208	Book Lost Price Received
	3212	Total

4.2.6 Give details of the specialized services provided by the library

- **Manuscripts:** - Manuscripts are available in the library.
- **Reference:** - A special reference sections is provided for students and staff in the library.
- **Reprography:** - Central Reprography facility is available in the library building for all students and staff at concessional rate.
- **ILL (Inter Library Loan Service):-NIL**

- **Information deployment and notification:** - Information deployment and notification is ensured by displaying on notice board and college website. However, New arrivals are displayed on the arrival rack and all the books are properly indexed and catalogued. Students and teachers can easily check with the catalogue and access all the books and periodicals. Paper cuttings related to college news, employment opportunities, articles, editorials are displayed on the Library Notice /Information board.
- **Download:-** Download facility is available in the library. Downloaded materials such as syllabus, articles and journals are available to the students and staff.
- **Printing:** - Printer is made available in the library for students to print the important and relevant documents at subsidized rates.
- **Reading list/ Bibliography compilation:-** Author wise, Title wise & Accession wise Bibliographic compilation are made available in the library
- **In-house/remote access to e-resources:-** Both in-house and remote access to e-resources is provided to N-LIST database, which is a password based online database.
- **User Orientation and awareness:-** Orientation programs are organized at the beginning of each academic year for first year students. Guidance regarding OPAC search, access of e-resources is provided to the students and staff.
- **Assistance in searching Databases:-** Besides orientation programs, each library staff assist the users for OPAC search, e-journal/e-books database search, etc. For syllabus, question papers, online database various important links/ URLs are displayed on the notice board.
- **INFLIBNET/IUC facilities:** - INFLIBNET, N-List program facility is available in the library.

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

Library staff provides support to all library users with regard to their information and reference needs. The support can briefly summarized as follows:

- The Library staff is very cooperative and supports the staff and students for providing services such as issue/return of the books, Journals, Periodicals, paper cuttings, e-books and use of other internet services.
- Library takes the photocopies of the advertisements given in the newspapers, internet and displays it on the notice board, that helps the students to appear for competitive examinations / interviews
- Recently published books have been purchased and kept in special notice board under the heading 'New Arrival' for the information of readers. These books are then made available for home lending.
- Open access is made available to the PG students and also to the UG students based on their request.
- Book Bank Service:-Book bank facility is provided to motivate the students towards higher education. Economically backward and good academic performance of the student is considered for the same.
- Catalog search:-Library staff helps the students for OPAC search. Various library tools and databases are also introduced in orientation programs.
- E-resources: Students and staff are assisted for searching the database, downloading the study materials, etc.
- Publisher Catalogues is circulated to the staff for recommending the new books and journals.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

Priority is given to the visually/physically challenged persons for library access and the library facilities are made available in the ground floor to them.

4.2.9 Does the library get the feedback from its users? If yes, how is it analysed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analysed and used for further improvement of the library services?)

- Yes. The library gets feedback formally through prescribed questionnaire and informally through suggestion box kept at the entrance.
- The Library Advisory Committee frequently reviews the suggestions, complaints, grievances, etc. and takes the appropriate action to improve the library facilities and services.

4.3 IT Infrastructure

4.3.1. Give details on the computing facility available (hardware and software) at the institution.

Number of computers with Configuration (provide actual number with exact configuration of each available system)

- **Computer-student ratio:-**
- **Stand alone facility**
- **LAN facility**
- **Licensed software**
- **Number of nodes/ computers with Internet facility :-**
- **Any other**

Computing facility available (hardware and software) in the Institutions

Sr No	Name of Department	Computers	Laptop	Printers	Scanner	UPS	LCD
1	Botany	02	02	01	00	01	01
2	Chemistry	03	00	01	00	01	00

3	Physics	05	00	01	00	01	00
4	Zoology	01	01	00	00	01	00
5	IT	34	00	01	00	01	01
6	English	04	00	01	01	00	01
7	Geography	02	00	01	01	00	01
8	Marathi	01	00	00	00	00	00
9	Hindi	01	00	00	00	00	00
10	Economics	01	00	00	00	00	00
11	Commerce	02	00	01	00	00	01
12	Placement Cell	01	00	00	00	00	00
13	Library	14	00	03	00	00	00
14	Office	05	04	04	02	01	00
15	Examination	04	00	03	03	01	00
16	NSS	00	00	00	00	00	00
17	NCC	00	00	00	00	00	00
18	Principals Office	01	00	01	00	01	00
	TOTAL	81	07	18	07	08	05

Number of computers with Configuration (provide actual number with exact configuration of each available system)

Sr. No.	Configuration of the computers	Total Computers
1	HP Compaq Desktop, DX 2700 Model Hp- Compaq desktop, Intel dual core, PIV, PD 915. (2.8 GHz/ 2X2MB),512 MB RAM, Combo drive 80 GB HDD, Keyboard,Mouse, 15" TFT monitor, internal speaker	25
2	DELL, A0330NDT Model DELL, Desktop, Intel Dual Core, E-2180, 2.0 GHz processor, 1.0 GDDD R2, 667 MHz Ram, 160 GB SATA HDD, 17" TFT monitor, DVD RW,Ingated, Brodcom, 10/100/1000 LOM, USB keyboard,optical mouse, Internal speaker, Operating system,	
3	Laptop: Dell Vostro	06
4	HP ML 110 GH Server	02
5	Laptop: Sony	01
6	Dell T110 Server	NIL

Computer-student ratio

Computer-student ratio		
No. of computers	Total No. of students	Computer :Students Ratio
81	1153	01:14

LAN facility

- ❖ College has 69 computers with LAN connection.
- ❖ 18 Printers are used for printing facility.

Licensed software

Item	Version	User
MS office	All Microsoft versions	Multi
Microsoft Windows OS	98, XP, 7, 8.	Multi
Antivirus/Firewall	Net Protector, Quick Heal, Avast,	Single and Multiuser
ETH (Total College Management Software for Administration, Library Admission procedure etc.)	DELPLUS 2.0	Single user
Borland	Turbo C, C++	Multi user
Graphical Software	Origin 7.0, 8.0	Multi user

Any other:

- Stand alone facility : Available
- Internet Subscription : Excel media Leased line: BSNL and Reliance Broad Band
- LAN and Wired Inter Connectivity : Available in the campus
- Photo Copiers : 02 (Library and Examination department)
- Uninterrupted Power Supply : 5 KVA : 2 (Office and ICT department)
- 500 to 600 VA : 05
- 2 Generators: 1) 40 KV, 1500 rpm, 415 volts, 55.6 ams and
2) 10 KV, 1500 rpm, 415 volts, 13.9 ams

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

- There has been central computing facility in the Information and Communication Technology (ICT) department. It having twenty eight computers and these are connected with internet access.
- These facility has been used by students and staff during seminars, workshops, guest lectures and for surfing.
- In the library and labs computer and internet facility is available for students.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

During the next few years college plans to procure:

- The seminar hall will equipped with Audience Response System facilities for the Group discussions, Quiz program, seminars, workshops and similar events.
- The capacity of Auditorium/seminar hall will be increased.
- Acquire digital visualize board for classrooms to enhance teaching and learning.
- Acquire software to manage access to Wi:Fi and internet facility through cloud computing.
- To make all class rooms, labs and offices are ICT enabled.

**4.3.4 Provide details on the provision made in the annual budget for procurement, up-gradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)
Budgetary Provision for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution**

The software and the hardware are updated regularly as per the requirements. The college has planned and developed a separate IT Lab for IT

Students. This lab has a capacity of 28 PC's. The department of IT as well as other departments and their administration upgrade their computer systems every year. The provision made in the annual budget to update, deployment and maintenance of the computers is Rs. 553000/- for the year 2009-2010, 2010-2011. For maintenance of computers a separate technician has been appointed.

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

- Internet facilities, LCD projectors, Printers etc. are made available to all the teachers.
- All the teachers are given training to use computer aided teaching methods.
- Glass Boards are provided to all the 22 class rooms.
- There are 4 LCD projectors are available in the college
- All departments are provided with laptops and computers
- Membership with INFLIBNET N:ist to access e:resources
- Students and staffs are encouraged to use PPT presentations for seminars and lecturers.
- Conduct of internet based class exercises
- Use of ICT for golden hour & Saturday activities

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching - learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

College has deployed teaching-learning activities using following teaching methods and learning tools:

- **Access to on-line teaching-learning resources**

College has subscribed online database having more than 78000 e-books and 2100 e-journals accessible both in-house and remotely i.e. N-LIST Consortium.

- **Independent learning**

Students are given various tasks like projects, assignments, group discussions, debating and power point presentations. These tasks help them learn independently. It also helps the teachers to evaluate the students. g. Tutorials, seminars

- **ICT enabled classrooms/learning spaces**

Well equipped computer labs, LCD, OHPs are available to the faculty for computer aided teaching. The staff of IT department takes initiative for any assistance regarding the ICT enabled learning instruments.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

No, The College does not avail the connectivity through National Knowledge Network.

4.4 Maintenance of Campus Facilities

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

Year		Building	Furniture	Equipment	Computers	Vehicles
2004-05	Allocated	500000/-	50000/-	200000/-	50000/-	NIL
	Utilized	474078/-	4822/-	168242/-	5832/-	NIL
2005-06	Allocated	300000/-	200000/-	200000/-	50000/-	NIL
	Utilized	275797/-	165832/-	138502/-	35782/-	NIL
2006-07	Allocated	650000/-	50000/-	100000/-	50000/-	NIL
	Utilized	621801/-	4000/-	1341/-	8481/-	NIL
2007-08	Allocated	600000/-	250000/-	100000/-	400000/-	NIL
	Utilized	566400/-	250007/-	56860/-	413400/-	NIL
2008-09	Allocated	100000/-	100000/-	100000/-	200000/-	NIL
	Utilized	97053/-	75787/-	822228/-	112540/-	NIL
2009-10	Allocated	200000/-	50000/-	300000/-	50000/-	NIL
	Utilized	191980/-	30188/-	316792/-	NIL	NIL
2010-11	Allocated	100000/-	50000/-	800000/-	50000	NIL
	Utilized	14078	17590/-	725119/-	NIL	NIL
2011-12	Allocated	100000/-	350000/-	600000/-	150000/-	NIL
	Utilized	57746/-	340881/-	576748/-	116805/-	NIL
2012-13	Allocated	50000/-	1000000/-	1200000/-	100000/-	NIL
	Utilized	49048/-	939183/-	1347370/-	68250/-	NIL
2013-14	Allocated	500000/-	100000/-	400000/-	200000/-	NIL
	Utilized	443668/-	70,000/-	395122/-	200000/-	NIL

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

- Maintenance of building furniture and fixtures like cleaning, electricity, water-supply etc are carried out routinely.
- Major maintenance as and when required such as coloring, water proofing etc. are periodically done by observing the prescribed procedure of our institution P.D.E.A.

- Maintenance of garden and ground is mentored regularly by the daily wedges employees.
- The security of entire premises is ensured by the existing nonteaching staff shouldering the duties with supportive daily wages staff on rotational basis.
- Cleaning of the laboratories, lecture halls, seminar halls, office etc. is a part of routine work of the peons and attendants.
- Service and maintenance of the equipments and instruments is carried out by the concerned dealers/distributors.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/instruments?

- The Departments take the initiative to calibrate the precision instruments for their optimum and assured performance. This exercise is particularly done in the beginning of the academic year and before the annual examination.
- Repair of the infrastructure and day to day maintenance is carried out by the staff appointed for cleaning and maintenance of the building.
- The laboratory equipments, computers and electronic devices are maintained by the college regularly.
- For construction, electrification, carpentry, house-keeping, masonry, plumbing, painting, security, generator, UPS maintenance etc. services are hired as and when required.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

- The college has kept the most sensitive equipments like electricity generators, water purifiers, chemicals and scientific instruments at suitable places.

- The laboratory staff keeps a strict observation in maintenance and upkeep of chemicals and scientific instruments.
- The College electrician and supporting staff are responsible for the maintenance and upkeep of electrical equipments.
- The college has 2 water purifiers with coolers and it is maintained by concerned local distributors.
- For uninterrupted functioning of the systems/electronic appliances, regular maintenance is carried out by college.
- Fire extinguishers are kept at all department of the college.
- Computers are maintained by an in-house technician.
- Each laboratory has an assistant who ensures that the computers are used properly and sensitive information and equipment is handled with care.
- UPS and voltage stabilizers are installed and connected to various departments to ensure constant electricity supply.

Any other relevant information regarding Infrastructure and Learning Resources which the college would like to include.

- Proposal to establishment of a separate journals wing in the library.
- New building is proposed for Administration Block & Conference Room.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the institution publish its updated prospectus/handbook annually? If 'yes', What is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

Yes, The College publishes its updated prospectus, college magazine "Chaitanya" and other publications which circulate and provides information to the students. Details of these are as follows

- **The College:** The historical background of parent institution and the college, bodies involved in governance and administration committees, infrastructure and facilities available in the campus. Important telephone numbers and website details.
- **UG and PG Courses offered** – The nature of the courses (Government aided / Self finance), admission criteria, fee structure, student intake capacity and medium of instruction. Time-duration, eligibility of courses, combination of subjects, Norms of Government Scholarship, concession, discipline, attendance, cancellation of admission, refund of fees, college activities, office timings and other necessary information's.
- **College staff** – Details of Teaching, Non Teaching and administrative staff with their qualifications and designations.
- **Student achievements** – In academic, sports and co-curricular activities.
- **Website (www.pdeaawco.co.in):** It displays all the information of the college and Institute and it is updated regularly.
- **NSS:** College publishes report on NSS camp which contains information about various activities conducted by NSS department.

5.1.2 Specify the type, number and amount of institutional scholarships / free-ships given to the students during the last four years and whether the

financial aid was available and disbursed on time?

There is no any provision for institutional scholarship but management provides financial support to needy and financially weaker students in the form of fee waivers or discounts. Institute allows the installment, incentives in the form of endowment prizes for the deprived students. Library provides the books to the weaker students through the book bank scheme. In addition to this teachers take responsibility and mentorship at their personal level in the form of financial help to needy students. Teacher has established "Late Baburaoji Gholap Poor Students Aid Fund" from last three years and they also support to the financial weaker students. University of Pune runs Earn and Learn scheme and in this scheme several students get financial benefit and the details of this are as follows.

Earn & Learn Scheme

Sr. No.	Year	No. of student	University Contribution (A)	College Contribution (B)	Special Guidance Scheme	Girls Personality development	Amount in Rs. (A+B)
1	2004-05	19	28401	5301	--	--	33702
2	2005-06	20	49680	4211	--	--	53891
3	2006-07	22	29200	10100	3000	5108	39300
4	2007-08	57	47729	27331	3000	5044	75060
5	2008-09	55	48543	15677	3000	5000	64220
6	2009-10	58	47392	12688	3000	5159	60080
7	2010-11	41	58310	16930	6000	5005	75240
8	2011-12	60	58512	16488	6000	5000	75000
9	2012-13	22	49170	5110	00	35000	54280

5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

The Government of Maharashtra provide financial assistance in the form of scholarships and free-ships to backward class students such as SC, ST, OBC, EBC and minority students through social welfare departments. The college disburses these scholarships to the students, which is received from the respective authorities. Following table shows the statistical data of no of students received the government scholarships/free ships, etc from last ten years.

Agency	Scholarships		2004-05	2005-06	2006-07	2007-08	2008-09
State Govt.	SC	No. of students	22	26	13	16	09
		Amount Rs.	57967	85166	43473	25395	22310
	ST	No. of students	127	159	171	175	155
		Amount Rs.	311101	416046	459710	463830	431147
	OBC	No. of students	16	48	53	33	25
		Amount Rs.	68476	174237	163239	65527	41398
	VJ-NT	No. of students	12	22	14	13	07
		Amount Rs.	34101	57873	28084	23437	11410
	SBC	No. of students	-----	---	----	----	01
		Amount Rs.	-----	----	----	----	2170
	EBC	No. of students	783		783	788	766
		Amount Rs.	58610	65025	59440	55960	53720
	PTC	No. of students	----	----	----	----	----
		Amount Rs.	----	----	----	----	----
Central Govt.	Ekalavya	No. of students	----	----	----	----	----
		Amount Rs.	----	----	----	----	----
Univ.	Savitribai Phule	No. of students	----	----	----	----	----
		Amount Rs.	----	----	----	----	----

Agency	Scholarships		2009-10	2010-11	2011-12	2012-13	2013-14
State Govt.	SC	No. of students	10	09	12	28	37
		Amount Rs.	26908	24242	82349	135014	188237
	ST	No. of students	163	142	151	127	178
		Amount Rs.	441694	381298	651291	573907	835255
	OBC	No. of students	08	16	28	39	52
		Amount Rs.	15234	32524	147587	208884	204095
	VJ-NT	No. of students	08	05	03	04	11
		Amount Rs.	13240	9067	10334	58707	39705
	SBC	No. of students	04	01	----	01	02
		Amount Rs.	8620	2340	----	5104	5532
	EBC	No. of students	825	842	874	820	539
		Amount Rs.	59000	61890	70830	66150	46380
	PTC	No. of students	----	----	----	----	----
		Amount Rs.	----	----	----	----	----
Central Govt.	Ekalavya	No. of students	----	----	----	----	----
		Amount Rs.	----	----	----	----	----
University	Savtribai Phule	No. of students	----	15	----	05	15
		Amount Rs.	----	75000	----	2000	--

5.1.4 What are the specific support services/facilities available for

- Students from SC/ST, OBC and economically weaker sections
- Students with physical disabilities
- Overseas students
- Students to participate in various competitions/National and International
- Medical assistance to students: health centre, health insurance etc.

- Organizing coaching classes for competitive exams
- Skill development (spoken English, computer literacy, etc.,)
- Support for “slow learners”
- Exposures of students to other institution of higher learning/ corporate/business house etc.
- Publication of student magazines

The following support services /facilities are available for

a) Services/facilities available for students from SC/ST, OBC and economically weaker sections

- Fee concession at the time of admission
- Such students are preferably selected in earn & learn scheme
- Remedial coaching for the empowerment of SC/ST/OBC and economically weaker sections students
- Free course for personality development
- Free coaching classes for various competitive examinations
- Book bank scheme

b) Services/facilities available for students with physical disabilities

- Special care and attention are given to their needs and requirements.
- At the time of examination extra time is given as per university rules.
- Institution is committed to accommodate them on ground floor for their classes.
- Library facility is available at the ground floor.
- Help from supporting staff is provided to such students.

c) Services/facilities available for overseas students

- So far there is no enrollment of such students in the college, but if approached college will be provides good treatment as well as support to them.

d) Services/facilities available for students to participate in various competitions/National and International

- Institution provides the travelling allowances, participation/registration fees, Dearness allowances, and sports equipments.
- Faculty encourages, guides and provides financial support to the students for participation in various competitions like Avishkar, NGPE (IAPT), Chemiad examination, etc

e) Services/facilities available for Medical assistance to students: health centre, health insurance etc.

- Medical check-up camp is organizes for all first year students every year by inviting local doctors at the beginning of the academic year
- College organizes free Haemo-globin and blood check-up camp for students and senior citizens.
- First-aid box is available in various departments.
- Coverage of Rs.25,000/- as an accidental insurance benefits under group insurance scheme is provided to students through Univ.of Pune.

f) Services/facilities available for organizing coaching classes for competitive exams

- Guidance cell for competitive examinations.
- Various lectures of eminent personalities from several fields are organizes for the college students.
- Special guidance is provided to the students for preparing various competitive exams like NET/SLET, Group exams, Civil Services exams etc.
- Library has rich collection of books related to competitive examinations and periodicals
- Audio-video, LCD projector, OHP etc facilities

- The Alumni who passed MPSC and UPSC examinations are invited to share their experiences to motivate the students

g) Services/facilities available for skill development (spoken English, computer literacy, etc.)

- The college regularly conducts Personality Development Programmes which enhance the IQ level and communication skills of the participants.
- The college also invites Guest speakers from the industry which provides regional and global employment opportunities for the students.
- Conducts workshops for students with inadequate “**Communicative English**” skills. Special sessions on newspaper reading, correct pronunciation, and vocabulary are organized. It also offers Add on courses.

h) Services/facilities available to support for “slow learners”

The institute understands that the college has to serve the basic education needs of one and all. The students who are slow learner or if their grasping power is not up to the mark, the faculty members identify such students through diagnostic evaluation test and take proper action as follows.

- Remedial classes are held at the department level in different subjects to enhance their skills and confidence.
- Entry level examinations are also held to test their knowledge received during classes.
- Enrichment courses like Personality Development Programmes are also conducted to improve student personality and motivate them for an innovative and creative mindset.
- Wherever a disadvantageous learner is identified by the class teacher, the institute appoints a guardian teacher to help him/her with counseling and intensive coaching.

- Additional coaching and extra hours are devoted by the faculty to help the weaker students to understand the difficult modules from the syllabus.

i) Exposures of students to other institution of higher learning/ corporate/business house etc.

- Various workshops, talks and guest lecturers arranged by the College where eminent personalities and industrialists are invited.
- Industrial visits are offered to the third year Commerce and science students to get hands on practical experience.
- The PG students are motivated to participate and present research papers in various National/ International seminars, Conferences and Workshops.

j) Services/facilities available for publication of student magazines

The college publishes annual magazine entitled '*Chaitanya*' every year.

- Poems, stories, articles, and essays compiled in English, Hindi and Marathi are short listed for the publication in the college magazine.
- The list of toppers in Annual Exams, Sports, Cultural activities, NCC, NSS activities, staff achievements, seminars, conferences etc are also published in the magazine with their photographs.
- The magazine also contains annual reports of the departments.

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

The entrepreneurial skills among the students are developed through various programs.

- College organizes Soft Skill Development programs and events in order to encourage and develop the entrepreneurial skills among the students.
- Seminars, workshops lecture series and interactive sessions are

organized to provide information related to entrepreneurship.

- Training and Placement cell department also organizes training programs and campus interviews for the students.

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

*** additional academic support, flexibility in examinations**

*** special dietary requirements, sports uniform and materials**

*** any other**

Large numbers of students have in them creative talents, athletic abilities and inclination towards social service. Realizing this fact, the college gives equal emphasis on the extra-curricular activities as on. The encouragement for the participation in extra-curricular activities is given at various levels:

❖ Sports and Games:

The college has a full time Director of Physical Education who guides students and provides all the required facilities such as, grounds for practices, sports kits, well equipped gymnasium etc. In addition to this, Departments of Sports are continuously making the various policies and strategies to build up the confidence of the students. So that the students actively participate at district, university and state level competitions.

❖ Quiz competitions, debate and discussions

Debates, quiz competitions and open forum competitions are organized by college with collaboration of University, outside agencies and organizations.

❖ Cultural Activities etc:

Every year college organizes various cultural activities such as Singing, Dancing and Rangoli competitions etc. College celebrates various Day's by students welfare organizations.

❖ **Additional academic support, flexibility in examinations**

For students participating in extracurricular and co-curricular activities, flexibility is given in examinations as well as in attendance if they take the prior permission from the HOD's, Director of Physical Educations and NCC departments.

❖ **Special dietary requirements, sports uniform and materials**

- Special dietary requirements- Students are provided with nutritious food and snacks as and when they participate in the events.
- Sports uniform and materials – College provides sports kits which includes track suits and sports material. Sports equipment maintenance is regularly carried out. TA/DA is given to the students to attend various sports events. Trophies, cash prizes, certificates and medals are awarded to winner students at annual gathering ceremony.

❖ **Any Other**

- During annual N.S.S. camp healthy food is arranged for the students who participated.
- In case of accident, students are entitled to insurance up to Rs. 25,000 under the student insurance scheme.
- Motivational Incentives- Outstanding sports persons are given sports kits, blazers, shirts, track suit, kit bags, trophies, cups, medals and certificates.
- Publicity is given to all the activities of students, in Newspapers and College Annual Magazine.
- Organize Extra classes, practical's (if any) to compensate for their academic loss, if any

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, GATE/CAT/GRE/TOFEL/GMAT/Central/State services, Defense, Civil Services, etc.

The college has a Competitive Examination Guidance cell which notifies the information about various competitive Examinations. It organizes lectures and training sessions by renowned persons for students, who are interested in appearing for Civil services examinations such as SET, NET, GATE, MPSC, UPSC, Banking, Railway, Staff selection board and Police recruitment, etc. For the effective implementations of the same the following measure points are focused by college.

- The new syllabi, periodicals and books are made available in library for reference not only students but also staff and alumni to prepare for the competitive exams.
- Various Lectures of eminent persons from several fields are organizes by competitive exam cell.
- Classes are conducted for spoken English and group discussion.
- Director of Physical Education guides the students for physical fitness from the view of physical examinations in various Civil service examinations.
- The number of students who have passed the competative examinations are as follows

Examination		Appeared	Qualified
NET		36	14
SET		18	02
Civil Service		85	20
Other	MPSC	20	10
	UPSC	18	04
	Bank	15	01

Services	Railway	--	--
	Police	32	05

5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)

The college has an academic counseling and guidance cell for the students. The following services are made available for the students through the above cell:

- Mentors provide the counseling on academic and personal matters of the students.
- Career Guidance Cell focuses on the issues such as counseling on personality development, career development, job opportunities, higher education prospects etc.
- Counseling on psycho social issues of the students is dealt by the psychological counseling cell.
- Women counseling cell headed by a lady teaching faculty, Dr. A. A Bhopatkar, senior faculty, Marathi Department is constituted for counseling the girl students on all aspects related to women.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

Yes, the college has a placement and career guidance cell that provides services to the students. The placement cell extends its service to the students in career guidance and organizes lectures regarding career planning. It invites various companies and organizations for campus recruitment. The following services are provided by the career guidance and placement cell:

- The information regarding vacancies offered by government and other agencies is displayed on the notice boards.
- The students are counseled about the job opportunities based on their qualifications.
- Staff Members and placement cell guide the students in formal and informal way for making Curriculum Vitae and how to face interviews.
- The college organizes creative sessions of group discussions and mock interviews for the candidates who have succeeded in the written test.

Campus Placement:

The placement cell invites various reputed companies for the campus recruitment. The students are also facing the interviews other than campus. The details are as follows:

Sr.No.	Name of the employer	Date of interview	Interviewed	Selected
1	Steralite Industry India Limited Vedanta Group Silvasa, Dadara Nagar Havelis	14/15 th Dec. 2005	26	03
2	Bharat Forge Limited Chakan MIDC, Pune	17 th Jan. 2007	10	03
3	Force Motar Limited	11 th Jan. 2011	55	15
4	WIPRO BPO Company	26 th Dec. 2011	83	00
5	Prayog Construction and developers	28 th July 2012	12	03
6	ICICI Bank Pune	7 th Aug. 2013	22	02
7	AD Solution Company Pune	1 st Feb. 2014	10	02
8	P.S.B. Creative Lab Pvt. Ltd. Pune	25 th Feb. 2014	66	05

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

Yes, college has Grievance Redressal Cell headed by senior faculty as a convener. The cell collects the grievances of the stakeholders through the suggestion box provided at college. It helps to discuss and solve the issues regarding the student grievance.

Grievances reported and redressed:

- Appointment of CEO as cooperation officers between the university and the students to redress the grievances relating to examinations.
- Internet facility is provided in the library and departments.
- Water purifiers are installed at two major points in the college.
- Well furnished Ladies Hostel is constructed.
- Cycle parking shade is constructed.
- The Boundary wall of the college campus has been constructed.
- Neat and clean washrooms were provided.
- As requested and suggested by the students it was decided to open the college library and the departments from 9 a.m. instead of 10 am on all working days.
- As pointed out by the students, the number of fans and tubes in the class rooms was increased.

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

According to guidelines issued by Supreme Court and University Grants Commission, the College has setup a Women Development Cell to vigilance and takes necessary action against the complaints submitted by the female students, staff members. The composition of the Women Development Cell is as follows:

Sr. No.	Name of the person	Designation
1	Principal Kukale S.N.	Chairperson
2	Dr. Dumbre G.M.	Convener
3	Dr. Bhopatkar A.A.	Counselor

4	Dr. Shaikh A. A.	Counselor
5	Dr. Gavahale S R	Legal advisor
6	Prof Shirsat R.N.	Member
7	Kabadi E.M.	Member
8	Sonawane K.D	Member
9	Dr.Khandare M.B.	Member
10	Tilekar D.M.	Member
11	Tambe Shailesh	Student representative

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

- Yes, the college has a 15 member Anti-ragging committee comprising of 1 University representative, 1 Parent, 1 Police officer, 10 Faculty members and 2 students. The names along with their telephone numbers are displayed on the College Board.
- News paper cuttings, instructions and ill effects of ragging are displayed on the notice board for information and awareness.
- The prime focus of the committee is on prevention.
- Principal, HODs take regular surprise rounds as a preventive measure.
- If any troublesome incident occurs, the students can make a complaint to the committee.
- There have been no major complaints about ragging on campus.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

The institution is working towards ensuring social justice through the Student Welfare Schemes. The college has student welfare committee as per the guidelines of Department of Social Welfare and student welfare officer of college look after the activities. In this scheme efforts are being made to bring all the

students under group insurance cover. The following welfare schemes are made available to the students:

- The college provides free ship on the basis of students' performance in the academics, sports or extra-curricular activities.
- The placement cell provides its service to the students through career guidance, guest lectures and campus recruitment.
- Students Group Insurance Scheme for students is offered in the college as per the norms of University of Pune. Under this scheme coverage of Rs. 25,000/- is provided.
- The college canteen provides healthy food to the students at affordable cost.
- The institution provides hostel with 64 girl's student's capacity and mess facilities for female students at affordable cost.
- Library provides a set of text-books to students who demand for it by charging nominal fees.
- In the Co-operative store, the various forms, stationary and journals are available at reasonable rate.
- Various Lectures of eminent persons from several fields are organized for competitive exam cell.
- The college provides earn and learn scheme for needy students partially funded by Student Welfare Department, University of Pune.
- College organizes extra mural activities through Bahishal Shikshan Mandal organizes every year.

5.1.14 Does the institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development?

The College has an alumni association, its registration is in process, however it performs major role in institutional and academic development.

The compositions of the Alumni Association are as follows

Sr.No.	Name	Designation
1.	Shri. Dr.Sadanand Raut	President
2.	Shri. Jayprakash Dumbre	Vice-President
3.	Shri. Bhanuvilas Gadhawe	Vice-President
4.	Shri. Govind M.Dumbre	Secretary
5.	Shri. Namdeo.B. Doke	Asst. Secretary
6.	Shri. Vitthal M. Shinde	Treasurer
7.	Shri. Ramdas Tambe	Member
8.	Shri. Anilsheth Tambe	Member
9.	Shri. Vinayaksheth Tambe	Member
10.	Shri. Vilasheth Padwal	Member
11.	Shri. Mandatai Dangat	Member
12.	Shri. Sushila Dumbre	Member
13.	Shri. Shirish Bhor	Member
14.	Shri. Vitthal Shitole	Member
15.	Shri. Dr. Sanjay Wetal	Member
16.	Shri. Bhaskar Dumbre	Member
17.	Shri. Balasaheb Hadawale	Member
18.	Shri. Rajendra Panhale	Member
19.	Shri. Kishor Honrao	Member
20.	Shri. Nitin Dangat	Member
21.	Shri. Prakash Thikekar	Member

ii) Activities and contribution of the alumni during the last two years:

- Alumni conducts special meet once in an every year.
- Alumni offer mentorship support to students for placement.
- Instituted prizes for meritorious students.
- Distribution of books, sports kit, and financial support to the weaker students.

5.2 Student Progression

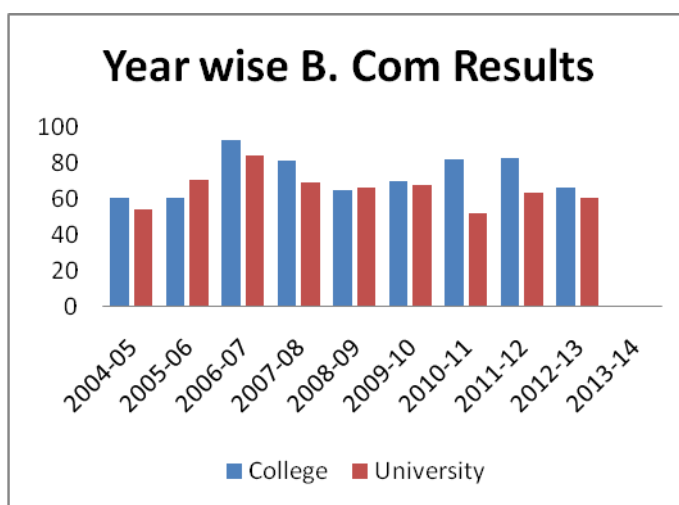
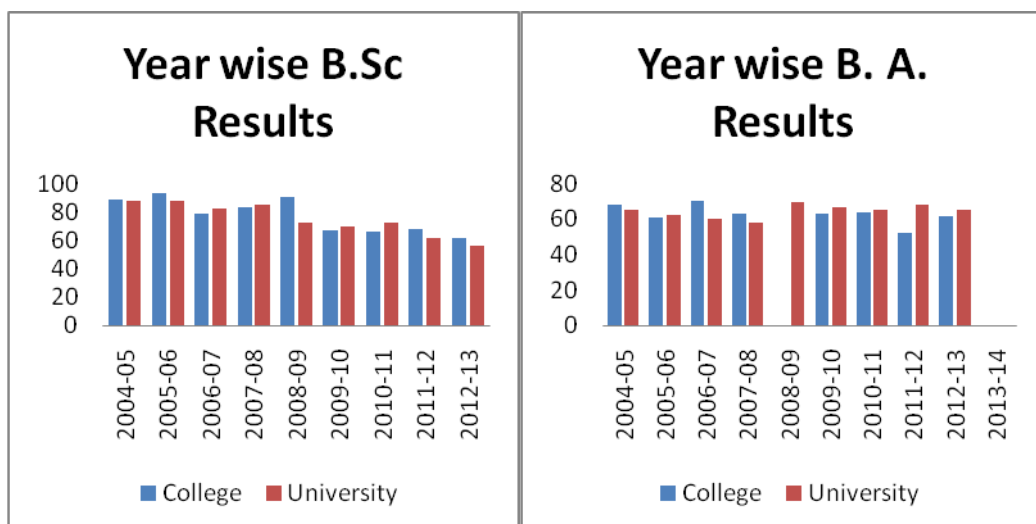
5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

Student progression	UG to PG	PG to M.Phil	PG to Ph.D.	Employed i) Campus Selection ii) Other
2004-05	08%	Nil	Nil	03
2005-06	14.91%	Nil	Nil	02
2006-07	10.66%	Nil	Nil	03
2007-08	21.47%	Nil	Nil	02
2008-09	29.52%	Nil	Nil	04
2009-10	31.89%	Nil	Nil	03
2010-11	39.01%	Nil	Nil	15
2011-12	34.08%	Nil	Nil	03
2012-13	32.45%	Nil	Nil	02
2013-14	31.25%	Nil	Nil	05

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (course wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.

Under graduate

Year	B.Sc		B.A.		B.Com.	
	Passing % of College	Passing % of University	Passing % of College	Passing % of University	Passing % of College	Passing % of University
2004-05	88.67	87.00	67.44	65.00	60.46	54.00
2005-06	92.95	87.50	60.27	62.00	60.46	70.23
2006-07	78.72	81.75	69.86	60.00	93.05	84.26
2007-08	82.75	85.00	62.65	58.00	81.42	69.42
2008-09	89.92	71.64	54.26	69.14	64.78	66.23
2009-10	66.66	69.30	62.71	66.23	70.12	67.54
2010-11	65.32	72.00	63.45	65.00	82.14	52.00
2011-12	67.21	61.00	51.56	68.00	82.75	63.00
2012-13	61.22	56.22	61.19	64.64	66.00	60.50
2013-14	64.29	54.00	50.38	-	63.95	58.00

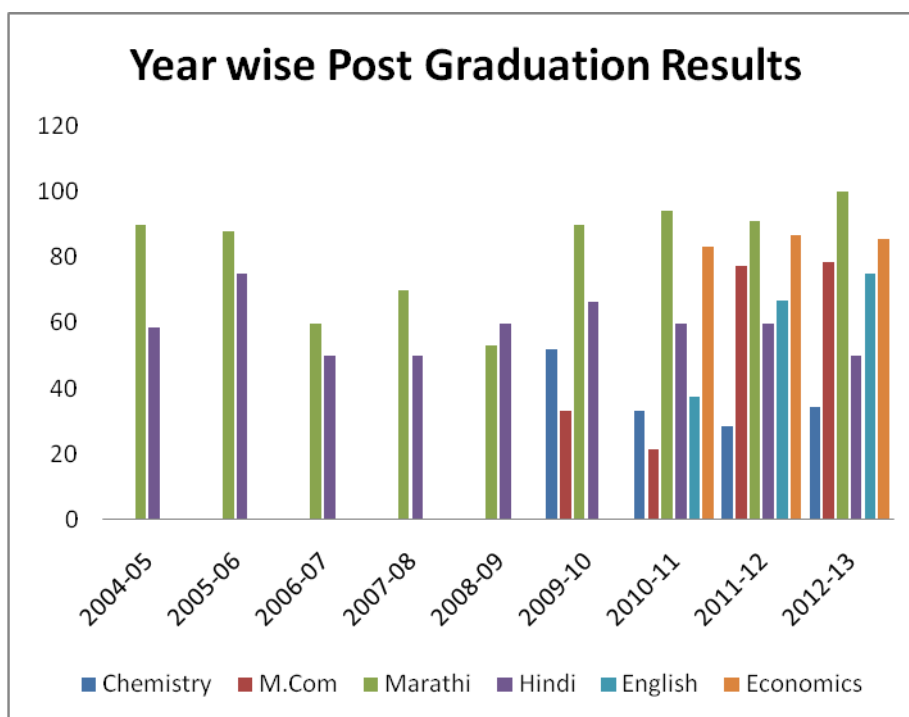


Post Graduate

Year	M.Sc	M.Com.	M.A.			
	Chemistry		Marathi	Hindi	English	Economics
	Passing % of College	Passing % of College	Passing % of College	Passing % of College	Passing % of College	Passing % of College
2004-05	N.A.	N.A.	90.00	58.82	N.A.	N.A.
2005-06	N.A.	N.A.	87.91	75.00	N.A.	N.A.
2006-07	N.A.	N.A.	60.00	50.00	N.A.	N.A.
2007-08	N.A.	N.A.	70.00	50.00	N.A.	N.A.
2008-09	N.A.	N.A.	53.33	60.00	N.A.	N.A.
2009-10	52.00	33.33	90.00	66.33	N.A.	N.A.
2010-11	33.33	21.42	94.11	60.00	37.50	83.33
2011-12	28.57	77.27	90.91	60.00	66.66	86.66
2012-13	34.48	78.57	100.00	50.00	75.00	85.71

*C = Passing % of College

*U = Passing % of University



5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

The College facilitates student progression to higher education or towards employment as follows:

- The college offers post-graduate courses in various subjects such as Marathi, Hindi, English, Economics, Commerce, Chemistry, and Physics.
- Teachers guide and advice the students about various opportunities, career oriented, higher educational programmes and employments.
- Career counseling and guidance committee regularly provides information about emerging job opportunities and avenues for further education.
- Eminent personalities from different fields of education and industries are invited to interact with the students, which helps them for earning better job opportunities.

- Personality development programmes are also organized for the student progression to higher level of education or employment.
- The placement cell of the college invites many reputed companies for campus recruitment.
- Competitive Examination Guidance Cell assists to the students to prepare for various competitive examinations.
- Library support in terms of latest books, competitive exam resources etc is made available.
- Certificate courses and Training program for communication skills and personality development are conducted.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

Students who are at risk of failure and drop out are identified by the subject teachers based on their performance. The HOD's and Counseling Cell then provides guidance and academic support to these students. If required, the parents support may also be elicited. Students are then assigned to the following points.

- Remedial coaching is offered to slow learners.
- Counselling on academic, social, and personal issue is provided.
- Career guidance is provided for placement, campus interviews.
- No student is denied access to the higher education due to financial difficulties.
- Various facilities are offered to students to ease their financial burden in terms of fees to be paid in installment.
- Book bank scheme is provided to students.
- Extra efforts are taken to guide the needy students.
- "Earn & Learn" scheme is joined by the students, if family sustenance is a problem

- Students are given help in providing home tuitions to school children in their free time and hence earn some income if educational expense is the problem
- Communication Classes for rural background students

5.3 Student Participation and Activities

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

- The college has a separate building for indoor games like table tennis, chess, caroms.
- Separate play ground is available for outdoor games such as cricket, athletics, kabaddi, kho-kho, football volley ball, shuttle, basket ball, hand ball etc.,
- Every year the university arranges sports at zonal and inter zonal levels. The students have been actively participating in these activities

Student's participation in inter-collegiate, inter-university and zonal tournaments from the last ten year is as follows:

Participation (Sports):-

Year	Inter collegiate	Zonal	Inter University	State	National
2004-05	--	--	01	--	--
2005-06	127	13	02	--	--
2006-07	48	02	02	--	--
2007-08	30	01	01	--	--
2008-09	08	01	01	--	--
2009-10	61	03	01	--	--
2010-11	91	05	00	--	--
2011-12	100	11	01	--	--
2012-13	137	11	02	--	--
2013-14	146	25	01	--	--

Cultural and Extracurricular Activities

- In Annual Gathering various cultural and extra-curricular activities such as dance (solo and group), singing (solo and group), Quiz Competitions and melodramatic activities are performed by the students.
- College encourages student to participate in various intercollegiate cultural events.
- Library department organizes late Baburaoji Gholap & Mamasahab Mohol memorial week: Students are encouraged to participate in different extra-curricular activities such as books exhibition, poetry reading, rangoli, essay competitions, etc.
- Department of Geography organizes Geography Week every year.
- Botany department organizes the Photography exhibition Poster presentation at the time of Forest week

Department of N.C.C. –

NCC unit is actively participates in various training camps. The details of the cadets participated in various camps are as follows.

Sr. No.	Year	Total Cadets	ATC	NIC	RD	Army Attachment Group.
1	2004-05	106	44	02	Nil	05
2	2005-06	106	64	02	Nil	06
3	2006-07	100	45	Nil	Nil	10
4	2007-08	100	95	Nil	Nil	05
5	2008-09	100	96	Nil	Nil	05
6	2009-10	100	19	Nil	Nil	04
7	2010-11	100	81	03	Nil	03
8	2011-12	100	80	04	Nil	03
9	2012-13	100	65	04	Nil	03
10	2013-14	87	39	Nil	Nil	08

ATC = Annual Training Camp

NIC = National Integration Camp

RD = Republic Day Camp

N.S.S. Department –

NSS unit organizes “Annual NSS Camp” in rural area and also conduct various activities during the academic year. The details of NSS camps held form last ten years are as follows.

Year	Period	Location	Theme
2004-06	03 Dec. – 12 Dec.	Ahinawewadi	Water Management
2005-06	27 Nov. – 06 Dec.	Nawalewadi	Dissaster Management
2006-07	02 Dec. – 11 Dec.	Kalwadi	Healthy Youth for Healthy India
2007-08	26 Nov – 5 Dec.	Ahinawewadi	Nirmal Gram
2008-09	24 Sept.- 02 Oct	Malwadi	Nirmal Gram
2008-09	29 Dec. – 07 Dec.	Pachghar	Nirmal Gram
2009-10	20 Dec. – 26 Dec.	Pimpalgoanjoga	Preservation & protection of cultural & historical places
2010-11	04 Dec. – 10 Dec.	Kopare	Environmental support to tourism
2011-12	20 Dec. -27 Dec.	Mandave	Shaswat Sarvasamaveshak Gramin Vikas
2012-13	12 Dec. -19 Dec.	Taleran	Shaswat Sarvasamaveshak Gramin Vikas
2013-14	14 Dec. -20 Dec.	Sitewadi	Shaswat Sarvasamaveshak Gramin Vikas

Activities done by N.S.S. Department -

Sr. No.	Year	Activities done by N.S.S.Students
1	2004-05	1) Aids Awareness Programme through lectures Series. 2) Programme of Village cleaning under Sant Gadge Maharaj Abhiyan. 3) Fund collection rally for Tsunami Suffers Rs. 4551/- 4) Welfare fund collected for Blind & Handicaped Rs.1150/- 5) Four volunteers participated in Republic NRD selection camp in A.S.C. college Mazgaon ,Mumbai
2	2005-06	1) Tree plantation at Shivneri fort on 24/09/2005 2) Thirty two students participated in workshop on Hagandari Mukta Gaon -30-31/12/2005 3) Participation of Kute Amol in Vrukshadindi Abhiyan at Pandharpur

		<p>4) Two volunteers participated in Republic NRD selection camp in Pune University on 15/10/2005</p> <p>5) State level camp in Panwel on 10/11/2005.</p>
3	2006-07	<p>1) Organise lecture series on AIDs & environment awareness</p> <p>2) Two volunteers participated in Anadwan camp on 14-24 Nov. 2006.</p> <p>3) Two volunteers participated in State level camp at Hiware bazaar on 12 Nov. 2006.</p>
4	2007-08	<p>1) Two volunteers participated in Shramsanskar camp to Rukadi Dist. Kolhapur.</p> <p>2) Volunteers participated in Anadwan for Shramsanskar & Personality development camp at Vardha.</p> <p>3) Volunteers presented Pathnatya on Hagandari Mukh Gaon, Zade lawa Zade Jagawa .</p> <p>4) Participation by Minal Sakhala in Chancellor Dr. P.C.Alexmader inter collegiate elocution contest and won the award.</p>
5	2008-09	<p>1) Organise Yuva Gram Swachta Shibir in Netwad Malwadi with the help of Maharashtra govt. on 23/09/2008-02/10/2008</p> <p>2) Iskande S.K. participated in Personality development programme & national integration camp in Rajstan University Jaipur on 18-24 June 2008.</p> <p>3) Volunteers participated in Disaster management workshop & Energy conservation Programme in Junnar & Narayangaon college 18/01/2009 & 24-25 Feb. 2009 respectively.</p>
6	2009-10	<p>1) Lecture held on subject plant conservation & soil erosion on 19/11/2009</p> <p>2) Organized lecture series on AIDS awareness on 01/12/2009.</p> <p>3) Participation of students in workshop at vidyapratishthan college Baramati. on 28/11/2009</p> <p>4) Fifteen students were participated in Disaster Management workshop in Manchar 2/-28 Jan. 2010.</p>
7	2010-11	<p>1) In college campus 500 trees were planted by Volunteers.</p> <p>2) Organised lecture series on Stress ,Tension & Failure on 08/09/2010 .</p> <p>3) Celebrated National voters & Youth weekend on 12-18 Jan 2011.</p> <p>4) Organised Pathnatya & lecture series on Stri bhrun Hatya .</p> <p>5) Participation of volunteers Vijay Gadhawe & dipali mhasane in selection camp in NRD camp. on 04/09/2010.</p> <p>6) Participation of volunteers in distict level competition on</p>

		national voters day on 21/02/2011. 7) On women's day girl volunteers were participated in Vilas Tambe Mahila Mahavidyalaya Otur on 08/03/2011.
8	2011-12	1) Celebration of International youth day on 14/08/2011 2) Participation of two volunteers in workshop on Yuva Bachat gat organized by N. Wadia College, Pune on 27/08/2011 3) Participation of two volunteers in workshop on Carrier advancement organized by Pune University on 15/09/2011
9	2012-13	1) Selection of volunteers for SRD and NRD parade on 24/08/2012 2) Organize Haemoglobin check-up camp for girls on 05/09/2012 3) Arrangement of rally on " Sri Bhrun Hatya" on 09/09/2012 4) Celebration of Road security abhiyan on 15/01/2013
10	2013-14	1) Tree plantation programme on 18/08/2013 2) Street play was organized on " Sri Bhrun Hatya" on 01/09/2013 3) Celebration of national Youth day on 12/01/2014 4) Participation of volunteers in national pulse polio Abhiyan on 23/02/2014

5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

2008-09				
Sr. No	Events	Name	Level of Participated	Achievement
1.	Cross-Country	Santosh Rongte	All India Inter-University	Participated
2.	Cross-Country	Santosh Rongte	Inter-Zonal	6 th Place
2009-10				
1.	Athletics (Long Jump And Tipple Jump)	Sukale Ravi	Aswamedhe Krida Spardha (Inter-University)	Participated
2.	Athletics (Triple Jump)	Sukale Ravi	Inter-Zonal	2 nd Place
	Athletics (Long Jump)	Sukale Ravi	Inter-Zonal	2 nd Place
3.	High Jump	Londhe Santosh	Inter-Zonal	3 rd Place
4.	Handball	Vijay Gadhawe	Inter-Zonal	3 rd Place
2010-11				
1.	Cross-Country	Jadhav Pandurang Laxman	Inter-Collegiate	8 th Place
2.	5 K.M. Walking	Shingote Ashwini	Inter-Collegiate	3 rd Place

3.	300m Run	Gode Shaila	Inter-Collegiate	3 rd Place
4.	Handball	Mundhe Hira	Inter-Zonal	3 rd Place
5.	Handball	Gadhawe Vijay	Inter-Zonal	Participated
2011-12				
1.	Korfbal	Ghule Vijay	National	Participated
2.	Cross-Country	Pote Suhas	Inter-Collegiate	7 th Place
3.	21 K.M. Walking	Gykar Vishal	Inter-Collegiate	2 nd Place
4.	Long Jump	Ambhure Shreekant	Inter-Collegiate	3 rd Place
5.	5000m Run	Kute Bandu	Inter-Collegiate	2 nd
6.	5000m	Pote Suhas	Inter-Collegiate	2 nd Place
7.	High Jump	Soheb Ansari	Inter-Collegiate	2 nd Place
8.	Long Jump	Ghule Supriya	Inter-Collegiate	3 rd Place
9.	Shot-Put	Mahakal Sushma	Inter-Collegiate	2 nd Place
10.	Kho-Kho	Jadhav Supriya	Inter-Zonal	Participated
11.	Volleyball	Waman Monica	Inter-Zonal	4 th Place
12.	Volleyball	Mahakal Shusma	Inter-Zonal	4 th Place
13.	Handball	Ghule Vijay	Inter-Zonal	3 rd Place
14.	Handball	Ambhure Shreekant	Inter-Zonal	3 rd Place
15.	Handball	Choudhari Tushar	Inter-Zonal	3 rd Place
16.	Handball	Sukale Prasad	Inter-Zonal	3 rd Place
17.	Athletics	Kute Bandu	Inter-Zonal	Participated
18.	Athletics	Gaykar Vishal	Inter-Zonal	Participated
19.	Athletis	Mahakal Shusma	Inter-Zonal	Participated
20.	Cross-Country	Pote Suhas	Inter-Collegiate	Participated
A.W. College, Otur Has Won Inter-Collegiate Handball Championship In 2011-12.				
2012-13				
1	Handball	Ambhure Shreekant	West Zone Inter- Univesity Championship	Participated
2	Handball	Ambhure Shreekant	Mahakridaspardha (Aswamedh)	4 th Place
3	Shot-Put	Mahakal Sushma	Inter-Collegiate	1 st Place
4	100m And 400m Hurdles	Jori Punam	Inter-Collegiate	1 st Place
5	5000m Walking	Ithape Sonali	Inter-Collegiate	1 st Place
6	5000m Run	Kute Bandu	Inter-Collegiate	2 nd Place
7	Cross-Country	Ithape Sonali	Inter-Collegiate	2 nd Place
9	100m Run	Challare Makrand	P.D.E.A'S District Level Sports meet	1 st Place
9	100m Run	Jori Punam	P.D.E.A'S District Level Sports meet	1 st Place
10	Cross-Country	Ithape Sonali	Inter-Zonal	Participated
11	Cricket	Mahakal Mohan	Inter-Zonal	Selected
12	Football	Doke Nikhil	Inter-Zonal	Selected
13	Volleyball	Waman Monica	Inter-Zonal	Participated

14	Volleyball	Mahakal Shusma	Inter-Zonal	Participated
15	Handball	Ambhure Shreekant	Inter-Zonal	2 nd Place
16	Handball	Waman Monica	Inter-Zonal	Participated
17	Handball	Mahakal Shusma	Inter-Zonal	Participated
18	Athletics	Jori Punam	Inter-Zonal	Participated
19	Athletics	Ithape Sonali	Inter-Zonal	Participated
20	Athletics	Mahakal Shusma	Inter-Zonal	Participated
2013-14				
1.	Cricket	Mahakal Kalyani Tukaram	All India inter- University	Participated
2.	Cricket	Mahakal Kalyani Tukaram	West Zone inter- University	Second Place
3.	Cross-Country	Ithape Sonali	Inter-Zonal	Participated
4.	Cross-Country	Modad Sarika	Inter-Zonal	Participated
5.	Kho-Kho	Arote Pragati	Inter-Zonal	Selected
6.	Water-Polo	Tambe Rahul	Inter-Zonal	Participated
7.	Water-Polo	Malkar Vinod	Inter-Zonal	Participated
8.	Swimming	Tambe Rahul	Inter-Zonal	
9.	Cricket	Mahakal Shusma	Inter-Zonal	First Place
10.	Cricket	Mahakal Kalyani	Inter-Zonal	First place
11.	Cricket	Waman Monika	Inter-Zonal	First place
12.	Volleyball	Shinde Maya	Inter-zonal	Selected
13.	Volleyball	Waman Monika	Inter-Zonal	Fourth place
14.	Handball	Mahakal Shusma	Inter-Zonal	Selected
15.	Handball	Mahakal Kalyani	Inter-Zonal	Selected
16.	Handball	Waman Monika	Inter-Zonal	First place
17.	Handball	Gaykar Vishal	Inter-Zonal	Second Place
18.	Handball	Warule Nilesh	Inter-Zonal	Second Place
19.	Handball	Sukale Prasad	Inter-Zonal	Selected
20.	Football	Gite Shradda	Inter-Zonal	Third place
21.	Football	Dighe Reshma	Inter-Zonal	Selected
22.	Shooting	Pandey Prashant	Inter-Zonal	Participated
23.	Cross-Country	Ithape Sonali	Inter-collegiate	Sixth Place
24.	Shooting (Rifle)	Pandey prashant	Inter-collegiate	Second Place
25.	100m	Manoj Bhokare	P.D.E.A'S District Level Sports meet	First
26.	200m	Manoj Bhokare	P.D.E.A'S District Level Sports meet	First
27.	200m	Mayor Kumbkar	P.D.E.A'S District Level Sports meet	Third
28.	1500m	Mahakal Dyaneshwar	P.D.E.A'S District Level Sports meet	Third
29.	Shot-Put	Kawade Sanket	P.D.E.A'S District Level Sports meet	Second
30.	Discus throw	Kawade Sanket	P.D.E.A'S District	Second

			Level Sports meet	
31.	Discus throw	Kolhe Rahul	P.D.E.A'S District Level Sports meet	Third
32.	Long Jump	Mahakal Mohan	P.D.E.A'S District Level Sports meet	First
33.	100m	Modad Sarika	P.D.E.A'S District Level Sports meet	Third
34.	400m	Dongare Kanchan	P.D.E.A'S District Level Sports meet	Second
35.	800m	Modad Sarika	P.D.E.A'S District Level Sports meet	First
36.	800m	Ithape Sonali	P.D.E.A'S District Level Sports meet	Second
37.	1500m	Modad Sarika	P.D.E.A'S District Level Sports meet	First
38.	1500M	Varsha Dighe	P.D.E.A'S District Level Sports meet	Second
39.	Shot-Put	Mahakal Kalyani	P.D.E.A'S District Level Sports meet	First
40.	Shot-Put	Mahabare Rohini	P.D.E.A'S District Level Sports meet	Second
41.	Shot-Put	Mahakal Shusma	P.D.E.A'S District Level Sports meet	Third
42.	Long jump	Bhor Pooja	P.D.E.A'S District Level Sports meet	First
43.	Long Jump	Gite Shraddha	P.D.E.A'S District Level Sports meet	Second
44.	Discus throw	Mahakal Kalyani	P.D.E.A'S District Level Sports meet	First
45.	Discus throw	Bhor Pooja	P.D.E.A'S District Level Sports meet	Second
46.	4X100M	Relay Team (Women)	P.D.E.A'S District Level Sports meet	Second

Team Events 2012-13			
Sr. No.	Team	Level	Achievement
1.	Kho-Kho (Men)	P.D.E.A'S District Level Sports Meet	Winner
2.	Kho-Kho (Women)	P.D.E.A'S District Level Sports Meet	Runners-Up
3.	Handball (Men)	P.D.E.A'S District Level Sports Meet	Runners-Up
4.	Handball (Women)	P.D.E.A'S District Level Sports Meet	Runners-Up
6.	Volleyball (Men)	P.D.E.A'S District Level Sports Meet	Winner
7.	Volleyball (Men)	P.D.E.A'S District Level Sports Meet	Winner
8.	4X100M (Men)	P.D.E.A'S District Level Sports Meet	Winner

9.	4X100M (Women)	P.D.E.A'S District Level Sports Meet	Runners-Up
Team Events 2013-14			
1.	Kho-Kho (Men)	P.D.E.A'S District Level Sports Meet	Winner
2.	Kho-Kho (Women)	P.D.E.A'S District Level Sports Meet	Runners-Up
3.	Handball (Men)	P.D.E.A'S District Level Sports Meet	Winner
4.	Handball (Women)	P.D.E.A'S District Level Sports Meet	Winner
5.	Volleyball (Men)	Junnar Tahashil Shivneer Trophy	Winner
6.	Volleyball (Men)	P.D.E.A'S District Level Sports Meet	Runners-Up
7.	Volleyball (Men)	P.D.E.A'S District Level Sports Meet	Runners-Up
8.	4X100M (Women)	P.D.E.A'S District Level Sports Meet	Runners-Up

5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

- To collect the data from the outgoing students and employers, the IQAC has developed a feedback mechanism; it collects the data regarding teaching learning process.
- To improvise the overall consistency of the students for employability, the stakeholders from various industries and institutions are made the members of IQAC.
- At the time of campus interview, the career guidance and placement cell collects feedback from employers.
- All the data collected is reviewed and deliberated on in the annual graduate student meeting. Suggestions and measures that can be accepted on and the same are forwarded to the higher authorities. These are then taken up for further discussion and implementation to improve quality and performance of the institution.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other

material? List the publications/ materials brought out by the students during the previous four academic sessions.

- The College publishes an annual magazine, “Chaitanya”.
- The Magazine committee decides the themes to be focused and incorporated in the volume.
- Students are encouraged to write articles related to current affairs, social issues, sports, Disaster management, Global warming, Poetry and Short Story Writing etc.
- The literature of the students in Marathi, Hindi and English is regularly displayed on the notice board.
- The students are encouraged to take part in *Avishkar*, a research competition organized by University of Pune.
- Staffs encourage students for wall posters

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

Yes, college has a Student’s Council as Statutory Body under Section 40 (B) of the Maharashtra University Act 1994. Composition of the Student Council is as follows:

Sr No	Designations	Post
1	Principal	Chairman
2	One lecturer nominated by the Principal	Member
3	Student welfare Officer	Member
4	Teacher in-charge of NCC	Member
5	NSS Program officer	Member
6	Director of physical education	Member
7	University Representative	Member
8	Class representatives	Member
9	Student who has shown outstanding performance in the NSS, NCC, Sports	Member
10	Secretary of student’s council	Member

Activities:

- During the emergency and natural calamities, students collect fund for the affected victims and participate as volunteers
- Organization Environmental awareness rallies, Blood donation camp, health check up camp, tree plantation etc.
- They actively participate in programmes like Independence Day, Republic Day celebrations etc., and are involved in purchase of prizes for annual day celebrations.
- The welfare fund is utilized for providing scholarships to poor students.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

Institution creates a platform for the democratic involvement of the students in various academic and administrative activities.

Sr. No.	Committee	Members	Student Member	Activity
1	Library	1.Prin.Kukale S,N 2.Dr. G,M.Dumbre 3. Dr. Shaikh A.A. 4. K.D.Sonawane 5. N.H.Hande	Tambe Shailesh	To assist the Asst. Librarian for book arrangement. To collect list of different books which is required? Work on Book exhibition.
2	Extra-Mural	1.Prin. Kukale S,N 2.Dr. G,M.Dumbre 3. Dr. Shaikh A.A. 4.Dr. M.B.Khandre	Hadawale Abhishek Dattatraya	To organize lectures on the theme of social & national aspects.
3	Debating & Elocution	1.Prof Bagul M.M. 2. Prof Sonawane K.D. 3. Prof. Rathod M.B.	Malve Supriya Sunil	To arrange Debating competition & quiz competition on various subject every year
4	Cultural Activity	1.Prof. Tilekar D.M. 2. Prof Rathod M.B. 3. Prof. Londhe A. K.	Patil Maya Maruti	To arrange cultural activity during various festivals and Annual gathering of

				college. To promote the students to participate in different cultural competitions.
5	Competitive Exam.	Dr. Jadhav V.D. Prof. Kashide R.T.	More Aniket Tanaji	To arrange lectures on General Knowledge, History etc. and arrange mock test for practice.
6	Magazine	Prof. Bagul M.M. Prof. Tilekar D.M. Prof. Sonawane K.D. Prof. N.H. Hande	Ahinawe Trupti	To scrutinize the articles, Poem, Stories, essay written by Students for chaitanya magazines
7	Girl Council	Prof Dr. Gavhale S.R. Dr. Shaikh A.A. Prof. Londhe A.K.	Kute Pallavi Ashok	To arrange special lectures on Social & Health Problems of girls.
8	Health	Prof. Sonawane K.D. Prof. Tilekar D.M. Prof. Maulavi M.H.	Waman Monika Madhukar	To arrange blood donation camp, Health check up camp and make awareness about cancer, Aids etc.
9	Counseling & Personality Development	Prof. Dhakane S.F. Dr. Rathod M.B. Prof. Paneru U.P.	Bhujbal Nikhil Anil	To guide the students about career, academic, social & personal problems through counseling.
10	Soft Skill development	Prof. Londhe A.K. Prof. Dhakane S.F. Hande N.H. Prof. Sonawane K.D	Ahinawe Suvarna Shantaram	Counseling on the issues like how to develop communication skills, how to face interview, how to develop personalities? etc.
11	Gymkhana	Prof. Paneru U.P. Prof. Bibe A.M Prof. Kaspate R.N. Prof. Sonwane D.A.	Shelake Yamuna Rupa	To arrange sports competitions.
12	Publicity	1.Prof. Tilekar D.M. 2. Dr. Dumbre G.M. 3. Prof. Hande N.H.	Bhalekar Sonali Harishchandra	To make the publicity of all the activities of college through various media.

13	Student Council	1.Prof. Dr. Gavhale S.R. 2.Prof. Paneru U.P. 3. Prof Dr. Shaikh A.A. 4.Prof. Rathod M.B.	Tambe Shailesh	To arrange and vigilance on all the activities of college. To maintain peace & discipline in college.
14	Environment	1.Prof. Kasbate R.N. 2. Gandhile G.D. 3. Prof Langade S.S. 4. Dr. Jadhav V.D.	Dumbre Savita Shankar	To make the awareness about environment security and management issues.
15	Discipline	1.Prin. Kukale S.N. 2.Dr. A.A. Shaikh 3.Dr. G.M. Dumbre 4. Prof Paneru U.P. 5. Prof. Dumbre R.K	Tambe Shailesh	To solve the difficulties and problems of students at ground level and maintain social unity and peaceful environment in the college.

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.

- The college alumni committee meets at once in a year.
- The Alumni is involved primarily as resource persons and employment providers.
- Retired and former faculty is regularly invited for college functions such as Independence Day, Republic Day and other functions of the college.
- They participate in academic matters by way of subject experts, guest lectures, workshops resource persons etc.
- The college also invited them for the administrative posts based on their expertise and experience.

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

Pune District Education Association (P. D. E .A.) is one of the leading educational Institutes, having 159 branches in Pune District. Late Shri. Baburaoji Gholap, an eminent educationalist and social worker has founded this institute in 1941. The basic aims and objectives of the institution are as follows:

- To impart education in general to new generation of India in particular in the jurisdiction of Pune District and in the state of Maharashtra
- To promote education and opportunities to the students of economically backward, hilly and rural area in order to make them well mannered, cultured, patriotic and responsible citizens.
- To build up the students physically, mentally and intellectually strong.
- To encourage students in such a manner that they should contribute for the better advancement of the society.

The institution achieved its aims and objectives within its educational journey of 70 years; the institution provides all the infrastructural and educational facilities to the students of rural and hilly area. The Institution has flourished and developed under the guidance of Late Prof. Ramkrishna More (Ex- Minister of Education and Culture, Maharashtra State). Hon.Shri. Ajit Dada Pawar, Dy. Chief Minister of Maharashtra and President of P.D.E.A. provides clear vision and mission to the institution, under his guidance, motivation and with his auspicious efforts the institution is now at higher rank. His leadership ratifies teamwork towards a common vision and mission to direct individual achievement towards organizational objectives.

Annashaeb Waghire College of Arts, Science and Commerce, Otur, Tal: Junnar, Dist: Pune has been established in 1970 in order to provide higher education to the students of rural and hilly areas. During the educational journey, the college received remarkable achievements successfully. The institution is eager to create healthy and happy atmosphere so that, students feel

secure and contented. The institution always tries to create new opportunities for the stakeholders and also conduct various activities to improve their personalities. The academic and administrative units of the college are working under the direction of the management with transparency. Our management has taken unique decisions to start various values based self-financing program available to U.G. and P.G. levels students that make them competent and to suit in the globalizing world. The academic and administrative planning of college is progressing day by day. The annual budget is allocated for the various activities, for effective working of the college. For the effective leadership and governance, the college has adopted various best practices which help to achieve the administrative and academic excellence.

6.1 Institutional Vision and Leadership:

6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

The Institution is committed to achieve the educational, cultural, social and economic needs of the students of rural and hilly area and to make them eligible to create a civilized society.

The Institution works for the welfare of the society. The **Motto** of P.D.E.A. is *"Bahujan Hitaya! Bahujan Sukhaya!"*.

Vision and Mission:

The **vision** behind the establishment of the institution is *"To inculcate a positive and sound attitude amongst students and inhabitants of this rural and hilly region towards pursuing higher education in various disciplines and to impart qualitative education to make them globally competitive"*.

The mission of the parent organization, Pune District Education Association (The trust under the aegis of which this college is run) is *“Bahujan Hitay Bahujan Sukhay”* which translate to “Welfare and happiness for the masses”.

The mission of this college is an extension of the mission of the trust and is “Welfare and happiness for the masses through higher education”. This mission we are accomplishing to uplift under privileged, backward, tribal and deprived sections of this region through higher education.

Late Shri. Ramakrishna More, the Former President of the P.D.E.A. has given a broader vision to the institution *“Saksharta te Sanganak, Neeti te Internet”* it means from Literacy to computers, Ethics to Internet. Our existing president Hon. Shri. Ajit Pawar, has given an expansive vision to the institute *“Swachchhata te Gunavatta”*. The main vision of the institution is to achieve academic excellence by imparting quality education through teaching, learning, research, extra-curricular activities and to develop socially responsible citizens with ethics and moral. The objective of this institute revolves round the mission and vision of our trust. The objectives are as enumerated below:

- To empower the masses, uplift society and achieve social parity through higher education.
- To create confidence in citizens by educating them.
- To provide employment opportunities through quality education.
- To promote entrepreneurial abilities amongst students by providing specialized education.
- To provide opportunities for the weaker sections and girl students to foster their aspirations.
- To bring about a holistic development amongst students by educating them on cultural, ethical values and instilling in them a sense of pride to become successful and good citizens.

As per the objectives of the Institutions, we assure formal and non-formal academic programmes at the UG and PG levels to meet the changing and challenging needs of the society in rural and hilly area, through quality education. The institution provides the best quality of scientific, professional and physical training with equal opportunity to all.

6.1.2 What is the role of top management, Principal and faculty in design and implementation of its quality policy and plans?

- The governing body designs the quality policies and plans for the Institution.
- The parent institute, local management committee, principal and faculty members of the college take appropriate decisions to implement it.
- As per the guidelines of University the institution conducts LMC meeting twice in a year and discuss various issues about the enhancement of the quality and plans.
- Principal discusses about quality and necessary actions plans with the teaching and non teaching staff for their effective implementation.
- The institution follows the University statutes, rules and regulations of Government of Maharashtra and UGC for the proper implementation.
- The decisions which are taken in IQAC meetings are implemented through various committees of the college for getting the better result of the quality.
- Principal consult with faculty members of the various Departments for the involvement in strategies and decision-making policies for continuous academic augmentation of the college.
- The Chairman of various committees and Heads of respective departments organize meetings with their respective members to discuss and execute the plans and quality policies.

- Their suggestions are collected and placed before the Local Managing Committee and IQAC meeting for the next decisions and their implementation.
- The Principal as a member of the Local Managing Committee and IQAC is actively involved in such process to sustain and enhance quality education.

6.1.3 What is the involvement of the leadership in ensuring?

- **The policy statements and action plans for fulfillment of the stated mission.**
- **Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan.**
- **Interaction with stakeholders.**
- **Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders**
- **Reinforcing the culture of excellence (ICT use, study leave, video conferencing).**
- **Champion organizational change.**

The policy statements and action plans for fulfillment of the stated mission.

- The Governing body and LMC members conduct two meetings in a year for construction of policy statement and action plans for fulfillment of stated mission.
- They specially emphasis and discuss on the policy statement and on action plans and Principal take initiative to execute and implement it effectively.

Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan.

- The action plans are prepared by the institution during the IQAC and LMC meetings. Wherein the strategies are made for inclusions of new

academic programs and add-on courses, which provide easy access to the student to develop their practical skills.

- Principal and faculty members take initiative to impart practical skills within the students.
- For the improvement of overall personality of the students, the college conducts various co-curricular and extra-curricular activities and also encourages them for their active participation in various activities.

Interaction with stakeholders.

- The interaction with the stakeholders is usually made through the nominated representatives of teaching and non-teaching staffs, through various academic and administrative Committees and through Students Welfare committee.
- These committees play a vital role in projection of planning and implementation of various curricular and co-curricular activities.
- Collection and analyses of student's feedback forms help to the authorities for the planning, improvement and execution of the policies.
- The programmes to inculcate values and sense of social responsibilities are planned and executed through NSS and NCC with community.
- Involvement in the Seminars, Workshops and Lectures are also help for quality enhancement of students and teachers.
- With co-education system both the genders are treated equally for education. However, empowerment of women is considered as a priority area and efforts are carried out for the same.
- Maintaining a healthy and secure campus for the development of the students belonging to the weaker sections and all sectors of the society.
- The institution maintains a healthy interaction with all the stakeholders of higher education. Bringing about community awareness through organizing rallies, camps and value based lectures.

Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders

- The Principal as well as the faculty members are ensure and take whole responsibility of academic and overall progress of the students.
- The problems are being solved through interactions, grievances of the students and faculty and always make an effort to maintain academically healthy atmosphere.
- The energetic support of the management persuades the college staff to keep and maintain healthy atmosphere within the College.

Reinforcing the culture of excellence (ICT use, study leave, video conferencing).

- The college strengthens the culture of excellence by providing LCD projectors, outstanding infrastructure, and internet facilities to the faculties for the excellent teaching.
- The college deutes the faculties to carry out their research under the Faculty Improvement Program (FIP), UGC, New Delhi; endorse to attend the National, International Conferences, Seminars, Workshops etc.

Champion organizational change.

- The Principal and other staff always take the major responsibility for the smooth functioning of the College.
- The academic and administrative execution of the college is managed regularly and appropriately.
- All academic and administrative matters discussed before Local Management Committee and acquiring the approval from them and execution of its decisions are forwarded under the guidance of Principal.
- The Principal keeps regular correspondence with the Management, University of Pune, Government of Maharashtra, University Grants Commission and different stakeholders of the College.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

- The Principal of the college has complete autonomy to govern the institution within the purview of the rules and regulations framed by the Government of Maharashtra, University of Pune and the Management.
- A self mapping exercise is conducted for the staff by IQAC. This will influence to rendering the strengths and challenges of the faculties to signify their potential, which helps the institution for the easily circulation of responsibilities.
- The construction of various committees, chairman is selected on the basis of their potential to accomplish curricular and co-curricular activities throughout the year.
- Certified notice along with the course of action defining the tasks and responsibilities of the committees on a regular basis issued to the respective committee Chairman. The respective committees prepare the yearly plans and put it before the authority for sanction.
- The reports of the various activities, which are carried out by the committees throughout the year, are submitted to the Principal and IQAC at the ending of the academic year.
- The Principal, Vice-Principals, Heads of the Department, Physical Director, NCC and NSS officers, IQAC co-ordinator and chairman of various committees effectively co-ordinate and monitor the various activities of the college.
- Since last two years University appointed CEO [Chief Examination Officer] and Exam committee for soft conductance of various college and university examinations.

- The activities of the college as per the policies and plans are effectively implemented, reviewed and conveyed to the top management by means of regular meetings of IQAC.
- Audited financial reports, progress report, confidential report and various issues related to the Teaching and Non-teaching staff and other relevant information is submitted to the management during the LMC meeting.
- Suggestions and recommendations are collected and after evaluation of it improvement is made time to time.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

- The management committees are always in touch with the Principal to discuss the various issues related to the academic development of college such as administration, appointments, infrastructural needs and disciplines.
- The LMC and Principal defined the responsibilities of the various developmental issues and communicated to the respective faculties, heads of the department and chairman of various committees through the principal.
- The Departmental Head is responsible for its academic and administrative functioning. He has total flexibility within the broadly prescribed norms. In discussion with the faculty members, each HOD draws up an annual plan based on the inputs for emerging developments in the field, placement records and Alumni feedback etc. He deputed faculty for training programmes, Faculty Development Programmes etc., and organizes extension lectures, conferences, seminars to provide contemporary knowledge.
- The Management of the College and the Head of the Institution review these plans and provide financial assistance, if needed.

- In addition, teachers are encouraged to participate in seminars, conferences, workshops, refresher and orientation courses, organized by various universities to update their knowledge and skill base in their individual capacity also.
- Flexibility is given to the staff in day to day functioning i.e. choice of pedagogy, setting of internal papers, evaluation criteria, use of study material etc.
- The directions and responsibilities are specified by the Management are positively implemented by the faculties.

6.1.6 How does the college groom leadership at various levels?

- The participatory style of functioning provides ample opportunities to groom leadership at both the academic and administrative level.
- The Principal guide at every step of academic event to the administrative and faculties for smooth functioning of administrative and academic processes through various committees such as admission, financial planning, utilization of resources, extension activities, providing infrastructure and their maintenance etc.
- He always keeps co-ordination with the outside agencies like University, UGC, DHE and other Governmental bodies to comply basic requirements.
- He provides academic leadership and strategies for academic augmentation to sustain and enhance the quality of education and research in assistance with the various faculties.
- The academic leader creates opportunities to faculties and students in various academic, sports and cultural activities to achieve leading roles in different events of college and University levels.
- He also encourages to the students for active participation in University Elections, Inter College Sports, various Competitions and extra cultural and also social activities through NSS and NCC.

6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

- The broad policies and plans are well defined by the College authorities including the Managing Committee and Principal.
- The work of the institution is decentralized by governance systems which allow power to the Vice Principals, HOD's, faculties and various committees to accelerate the academic administration and to help the faculty in taking the decisions regarding the smooth functioning of the college.
- The delegation of various authorities is ensured by forming various committees. These committees are defining the roles and responsibilities of their work with academic flexibility.
- The committees are working under the guidance of the Principal and the decisions are reviewed by the respective authority.
- The Principal communicate the suggestions and recommendations pertaining to the quality enhancement recommended by the top management to the faculties time to time.
- It helps for the effective execution and functioning of the administrative and academic processes of the college.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

Yes, the institution promotes the culture of participative management at all levels. The Management and Head of the Institution through various departments encourage the active participation of all stake holders in the working of the institution.

- The level of participative management is at various steps of academic events by active involvement of all segments of the college such as

Principal, Vice-Principal, and HOD's, Teaching, Non-teaching Staff and Student's representatives etc.,

- The active participation of these segments helps for overall development of the college. There is a good tradition of team work which make possible to complete various developmental activities and responsibilities that meet the administrative and academic high quality.
- The academic leader encourages the staff and students to give as well as to perform their level best in various activities like cultural, social, sports and extra-curricular at college, inter college and University level.

6.2 Strategy Development and Deployment:

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

Yes, the institution has formally stated quality policies to understand the superiority of various committees and departments.

Quality Policy of the Institution

The institute is always committed to provide "Quality Education with Potential Excellence" to youth and new generation, develop them to enable right attitude, professional competence and integrating right ethical values.

Targets:

- Conducive learning environment with excellent attitudes.
- Developing a harmonious work culture and encourage to all for contribute their best.
- By implementation of latest technological trends in the field of education and fulfill the current needs of industry and the society.
- Effectively implement the internal co-ordination and monitoring mechanisms.

The following process is used to develop, deploy and review the institution's quality policy.

- In accordance with NAAC guidelines, **IQAC cell** was established in the academic year 2005-2006, it assists the Principal to coordinate, monitor and develop the various activities in the college.
- At the commencement of each academic year the Annual Departmental Plan is prepared by the HOD's and teachers for smooth function of the college.
- The Principal and IQAC Committee prepare the goals and strategies for developing, deploying and reviewing the institutions quality policy on the basis of departmental annual reports, performance appraisal reports, self appraisal reports, college annual reports, directives from government etc.
- On the basis of various policies, the objectives are defined and action plans are made and consistencies follow up, support ensures the achievements of goals.

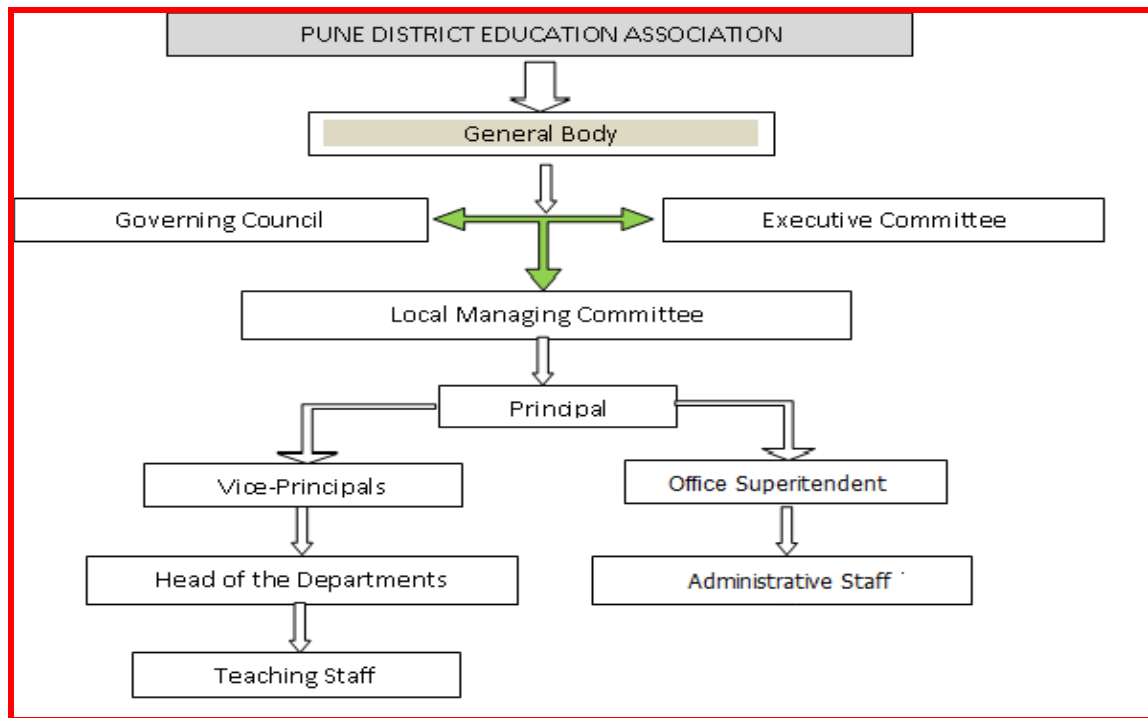
6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

Yes, the perspective plan for development is formulated by the Principal in consultation with members of the Management, Vice Principal, HOD's and Academic Development Committee and Co-ordinators. The following visions are usually considered for implementation of the plans.

- To achieve the goals and visions, existing academic and administrative committee review the feed backs, suggestions, critics, recommendations etc.,
- Utilization of latest modern technology, software, infrastructure, equipments, and teaching aids.
- Add-on courses such as certificate courses, short term courses are introduced to enhance student employability.
- Orientation, Refresher course and workshops are enabling the faculty to handle new courses and revised curriculum.

6.2.3 Describe the internal organizational structure and decision making processes.

The establishment of Annasaheb Waghire College, Otur in 1970 is to provide higher education to students especially from hilly area. The organizational structure is as follows:



The Local Management Committee (LMC) is the decisive authority of the college. The Managing Committee develops and provides strategic leadership, control, plans and approves the schemes of development.

The General Body:

The general body of the institute constituted under the provisions and guidelines of the association. All nominated persons are member of the association. Annual general meeting of the association called once in a calendar year. The functioning of the general bodies are follows:

- To elect governing council for a period of three years. It will take the decisions on the audited statements of the accounts and academic reports annually.
- Sanction the annual budget to the association.

- To appoint auditor, legal advisors for financial account vigilance.
- A special general meeting is called by the governing council only when the coram should be fulfilled.

The Governing Council:

The Governing Council is formed for the period of three years. Hon. Secretary supervises the Governing Council to administered, controlled and management of the associations/institutions. The governing council comprises 21 members as follows:

- President of the Association
- Vice -President of the Association
- Honorary Secretary
- Assistant Secretary
- Treasurer
- One Principal Representative
- Eight members from patrons, fellows, benefactors and life-members, who are not from teaching and non- teaching staff.
- Two members from life workers.
- Four head masters.
- One member nominated by the President from donors, contributors etc.

Executive Committee:

The executive committee will solve the problems of the respective branches of institutions. The executive committee constituted and nominated by the governing council and is as follows:

- President
- Vice- president
- Hon. Secretary
- Asst. Secretary
- Treasurer
- One Principal by rotation

- One life worker by rotation
- Two members from patrons, fellow benefactor, life members
- Two Head Masters of the secondary schools

Local Managing Committee:

The Local Management Committee (LMC) is constituted as per the Maharashtra Governments Act of 1994 section (85). Local managing committee monitors the entire academic and administration functioning of the college on behalf of the Governing body of Association. It comprises the 16 members are as follows.

- Chairman
- P.D.E.A. Representative –One Member
- P.D.E.A. Member – Nine Members
- Teachers Representative – Three Members
- Non-Teaching Staff Representative- One Member
- Principal as secretary

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following:

- **Teaching & Learning**
- **Research & Development**
- **Community engagement**
- **Human resource management**
- **Industry interaction**

The institution has framed various strategies which enhance the quality of education and development of the college.

Teaching & Learning:

- At the commencement of the academic year, HOD's discusses in the departmental meeting about curriculum, work load, allotment of syllabus, academic schedule, lesson plans and other activities related to the department with their faculty.

- Feedback received from the stakeholders and others forwarded to the Principal and higher authority through IQAC to make the effective academic action plans.
- The teachers are effectively used ICT facilities in their teaching to enhance the teaching-learning process with teaching aids such as OHP's, LCD Projector, Power point presentations etc.
- Academic performance Indicator (API) and Self appraisal reports are collected after each academic year from the faculty.
- To update the teaching and learning process, the staffs are deputed for orientation, refresher and Faculty Improvement Programme (FIP).

Research & Development

- The college has 10 Ph.D's, 08 M. Phil. Degree awarded teachers and 19 teachers are registered for Ph.D's in various Universities and research institutions. Some of them are on the way of completion.
- The Institution promotes and sustains research culture.
- A "research committee" is formed to motivate the teachers and students for research
- Almost all teachers are encourages to undertake various major/minor research projects.

The details of Minor and Major research projects carried out in last ten years are as follows.

Year	Funding agencies	Minor	Amount	Funding agencies	Major	Amount
2004-05	UGC, New Delhi	02	35,000/- + 27,000/-	NIL	NIL	NIL
2005-06	NIL	NIL	NIL	NIL	NIL	NIL
2006-07	BCUD, UOP	01	17,000/-	UGC, New Delhi	01	1,00,000/-

2007-08	NIL	NIL	NIL	NIL	NIL	NIL
2008-09	NIL	NIL	NIL	NIL	NIL	NIL
2009-10	UGC, New Delhi	01	50,000/-	NIL	NIL	NIL
2010-11	UGC, New Delhi	01	1,25,000/-	UGC, New Delhi	02	10,73,900/-
2011-12	UGC, New Delhi	01	85,000/-	NIL	NIL	NIL
2012-13	UGC, New Delhi	01	1,70,000/-	NIL	NIL	NIL
2013-14	NIL	NIL	NIL	NIL	NIL	NIL

Community Engagement

- Students are encouraged to involve as well as organize community activities such as blood donation camps, free medical checkup, Cultural festivals through NSS, NCC and Student Associations.
- Student volunteers actively participate in the community based activities.
- A Society awareness related programmes such as Plastic Ban, Free Vehicle Day, Environmental protection, AIDS Awareness, Rain Water harvesting, Pollution Control, Family Planning Awareness, Girl Empowerment, Drug Awareness etc.

Human Resource Management

Human Resource Management for the quality improvement strategies are as follows

- Assessments of adequate human power requirements, staff recruitment, monitoring and planning of professional development programs are carried out every year.
- HRM follows the university norms for recruitment, selection and remuneration.

- For recruitment, college has a pre-recruitment strategy, comprising of an initial screening of applicants, Inter-active Demo Lecture (with interaction of staff and students), Face to Face Interviews with subject Experts, and this is followed by Final Interview as per University norms.
- Principal and IQAC committees also have vigilance on the above activities and it handles the grievance system, disciplinary action mechanism regularly.

Industry Interaction

- The college has a Placement cell which maintains professional relations with the representatives of the industry.
- The renowned personalities from various industries are invited to interact with the students.
- The college has signed a tie up with E.T.H. Company through which complete office automation, on-line admission procedure and examination procedural work are carried out.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

The Principal and the top Management are always interact with each other to seek the feedbacks of the staff, students and community as follows.

- Principal collect all the information regarding teaching quality, curriculum, extra-curricular activities, departmental annual plans, IQAC report, committee reports etc. from HOD's and IQAC committee time to time. This information is consolidated and presented by him in the Management Committee meetings.
- Moreover, the information obtained from feedback, academic and all other aspects of the institution and faculty is used by the Principal in decision making and performance improvement.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

The management encourages and supports the involvements of the staff in the development of institutional process are as follows.

- The Principal convey the details of involvement of staff members in various activities related to the development of the college to the management.
- The staff members are worked on various committees such as Admission Committee, Advisory Committee, Examination Committee, etc.
- The constant and moral support given by management for the improvement, competence and synchronization of the institution, is always appreciated by the staff. Moreover, management encourages staff by following ways:
 - Motivation to participate in Seminars, Workshops, National and International Conferences etc.
 - Partially financial support for organization of seminars, workshops and conferences.
 - Motivation and financial support is given to the faculty for research activities.
 - Management felicitates the staff member for their achievements in academic and co-curricular activities.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

Management Council has taken following resolutions in 2010-2011:

1. Regarding automation of office and library operations.
2. About submission of proposals of senior scale, selection grade,

3. Promotions & service confirmations. (PDEA/ESTB-1/circular-9/2011-12/223-43 dated 3/4/2012)
4. About confidential reports of teaching and non-teaching staff. (PDEA/estb-4/2011-12/223-24 dated 3/3/2012)
5. About organization of various programs on the Birth Anniversary years of Late Yashawantrao Chavan and Late Sharadabai Govindrao Pawar. (PDEA/estb-1/circular-9/2011-12/6-2 dated 7/4/2012)
6. All the resolved issues were implemented.

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

Yes, currently the college is making efforts to become a Centre with Potential for Excellence. After that an application for status of autonomy will be made.

6.2.9 How does the Institution ensure that grievances/complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

The LMC is constituted as per provisions of Maharashtra University Act 1994. It works as a Grievance Redressed Cell for employees/students as and when necessary. Three elected members of teaching staff and one elected member of non-teaching staff represents LMC member for a period of Five Years.

The Institution has following Grievance Redressal Committees to handle grievances

1. Student Grievance Cell
2. Employee Grievance Cell.
3. Anti-ragging Cell

- The Student / Employee have to first represent his/her grievance/ complaint to the concerned Head/ Supervisor. If not satisfied by the solution, the aggrieved can then approach, the respective grievance cells. The Committee then discusses the same and tries to resolve it through the Head of the Institution.
- Complaints in ragging are handled by the anti-ragging cell directly whose members and their phone numbers are listed on the web-site.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

No court cases are filed against the institution in the last four years.

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort

The Institution uses a questionnaire feedback form to know the institutional performance from the students. Depending upon the evaluation of the feedback, many initiatives are regularly taken by the institution. Recent efforts which are carried out are as follows:

- Improvement of Water Facilities – Two water purifiers with RO and UV Facilities are installed in the campus.
- Toilet Facilities – Two new separate toilets were constructed for girls and boys. In addition to this, separate toilet facilities were provided on each floor for boys and girl students.
- Purchase of Sports Equipment – Renovation of sports equipments are regularly carried out and purchase of new sports instruments is also carried out.

- Extension of Library Reading Hall has taken up by replacing the other departments.
- Inclusions of a new text books, reference books, research journals in library.

6.3 Faculty Empowerment Strategies:

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non-teaching staff?

The Institution and management consistently encourages and motivates the teaching and non-teaching staff to take up various professional development activities throughout the year.

Teaching staff

- Institute and management motivates the faculty to participate and present their research work in seminars, workshops, conferences and it provides the registration fees, Travelling Allowances and Dearness Allowances for the same.
- Management motivates the faculty members to organize seminars, conferences and workshops. It is expected that the every Department is supposed to organize at least one professional activity in the academic year. Full flexibility is given in designing the activity, and financial support to the extent possible is always sanctioned.

Non-Teaching Staff

- For Non-Teaching staff needs based workshops like MS Office (Word, Excel, Power-Point, and Report Generation), Accounting Packages–Tally and other application software are conducted by inviting ETH technical experts.
- In addition to this, for overall performance motivational classes, counseling activities are conducted for Non-Teaching staff.

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

- The principal gives the clear cut guidelines and responsibilities to the faculty who are assigned roles in the Academic Administration at the College level.
- The HOD's evaluates and monitor the role of faculty members about their assigned duties as the member in-charges of various committees at the Department level.
- At the institutional level, the College Management motivates faculty members through appreciation of merit and talent.
- Institute organizes guidance lectures of the academic peers to improve and assist the faculty in teaching and research process.
- Various administrative and regulatory committees of the Government and University monitor and evaluate the academic activities.
- Quality Improvement Program plays a vital role in organization of seminars, conferences, workshops, guest lectures and other activities in the college for overall improvement of faculties.
- The principal promotes and encourage the college staff to register themselves for higher studies such as M. Phil and Ph.D under the Faculty Improvement Program (FIP).
- The college promotes the faculty members to participate in various training opportunity regarding NSS, NCC and Soft skills development etc.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

- Appraisal Performance Indicator (API) system is implemented as per the guidelines and norms of UGC regulations 2010. Appraisal Performance

Indicator (API) and Career Advancement Scheme (CAS) reports submitted by faculty are scrutinized by the concerned Head of the Department.

- Heads of the Department also evaluate the performance of faculty on the basis of his/her annual achievements, discipline, quality of work etc. The evaluation reports are then submitted to the principal and higher authorities.
- Feedback forms containing well structured questions are used for evaluation of faculty by the students. It helps the Institution in evaluating the overall performance of the teachers.
- Management provides the counseling to the staff to improve their professional competence.

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

- The management plays a vital role in evaluating and monitoring the performance of self appraisal of the teaching and non teaching members and based on the appraisal reports the annual increments, placement of faculty in the appropriate grades are implemented.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last nine years?

The following benefits are availed to the Teaching and Non-teaching staffs:

The Staff Welfare Committee:

- The Staff Welfare Committee of the College is committed to the faculty welfare.
- It extends its assistance in crucial periods by offering moral support and monetary assistance.

- It appreciates the achievements in the form of the felicitations and rewards.
- 'Staff welfare committee' organizes various activities throughout the academic year. It provides the common platform to enhance the unity, interaction and co-operation between the staff members.
- Advances are given to the temporary and ad-hoc staff regularly on demand. (60% availed)
- Various government facilities such as PF, GPF, and DCPS are provided to faculty.
- Paternity Leave – paid leave of Ten days is provided for the male staff (10% availed).
- Compensatory Leave – on a case to case basis, is provided to all faculty members (4% availed).
- Fee Concession provided to needy students every year.
- Informally all faculty members at departmental level are encouraged to provide old/complimentary books to the needy students.

P. D. E. A.'s Employees Credit Co-operative Society (Sevak Sahkari Pat-Sanstha):

- Association established Credit co-operative society (Pat-Sanstha) for the employers. Almost all permanent teaching and non-teaching faculties are the members of co-operative society.
- Group insurance facilities are provided to all registered members of the society. Total 25 non-teaching members and 29 teachers are regular members of the society.
- The society accepts deposits, monthly installment and provides loan up to Rs. 8,00,000/- to the members for the various purposes such as home construction, vehicle purchase, wedding ceremony, medical treatment etc.
- Patsantha is providing a medical insurance scheme for the members to get accidental and medical benefits.

- The members are given advantages of higher interest i.e. 10 % on their fixed deposits in the society. Wards of the members of the society are felicitated in the general body meeting for their meritorious work. Members of the society are also felicitated in the general body meeting for their getting award of state and national levels.

Sevak Kalyan Nidhi: The financial support is also provided by the Sevak Kalyan Nidhi to the members and their family on the occasions of miserable conditions.

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

- To maintain a healthy and creative academic atmosphere in the campus. Institute will provide good infrastructural facilities, amenities for research, work appreciation by incentives and awards, flexible working hours, leave provisions, good remunerations etc.
- Faculties are encouraged and motivated to pursue research, publish papers, submit research proposals and to attend workshops/seminars.
- The staff is given benefits for Faculty Improvement Programme and lean facility as per UGC norms.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

- The financial resources of the college and institution are managed in an effective and transparent manner. The Principal and Chief Accountant entrusted with the task of overall monitoring and supervision.
- There are three types of payments/expenditures: Recurring, Non recurring (Prov. Fund & Gratuity etc.) and Capital Expenditure. Separate and consolidated budgets are prepared for each under the guidance of Auditor. They are then presented to the Management Committee and after approval they are executed by the account department.

- There is a fully computerized Accounts Department in the college are available to maintain the financial accounts of the college. Each and every transaction is supported by bills, receipts and vouchers. All the collections are deposited in the nationalized bank. All expenditures, recurring and non-recurring, are incurred through cheques only. The authorized persons can only operate the bank accounts.
- A statement of income and expenditures is prepared and audited statement is presented in the half yearly meeting of LMC.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

External Audit

- PDEA'S Management appointed external Chartered Accountant to audit all the accounts of the college.
- As our Institution belongs to Government aided, the grants received from the Government of Maharashtra are audited every year by the Joint Director of Higher Education, Pune.
- The last external audit was carried out in the month of March 2012 and there were no any curies and objections are pending. If any objection is observed in audit then it is complied and fulfilled before the next claims are submitted.
- The audited report submitted by the external Chartered Accountant is placed in the LMC meetings and the necessary compliance and qualified remarks is taken into consideration in the forth coming meetings.

Internal Audit

- The internal audit is carried out for quarterly through the Internal Auditors are appointed by the Institute.

- Each Academic Department, Labs and Administration has maintained a Separate Stock Registers and it is verified by higher authorities.
- For any purchases, quotations are invited and opened in presence of purchase committee, and stock is entered in the purchase register after purchase.
- At the end of each academic and financial year a departmental internal audit is made by stock checking/verifying through lab assistant and respective HODs.
- Reports are submitted to the Head of the Institution. Necessary action is taken, if required. The same is intimated to Management, if needed.
- There is no any auditory objection in the last audit.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

There are some major resources of the college receipts are as follows.

S.N.	MAJOR SOURCES
1	Salary Grant from Government of Maharashtra
2	Fees collected from the students.
3	Fees collected from the students of non-grants courses.
4	Contribution from the management
5	Various grants from UGC and University
6	Consultancy income.

Deficit Management:

- The college has two types of courses, viz. aided and non- aided. The government of Maharashtra and UGC sanction the grant for Aided courses.
- The students are admitted for the non aided courses according to the fee structure of the university and the staff salaries of both teaching and non-teaching is born by Institutions.

Reserve Funds:

The following reserve funds have been available with the college in the last ten years:

Sr. No	Financial Year	Reserve Fund Available
1	2004-05	Rs. 50,00000/
2	2005-06	Rs. 50,00000/
3	2006-07	Rs. 50,00000/
4	2007-08	Rs. 50,00000/
5	2008-09	Rs. 50,00000/
6	2009-10	Rs. 50,00000/
7	2010-11	Rs. 50,00000/
8	2011-12	Rs. 50,00000/
9	2012-13	Rs. 50,00000/
10	2013-14	Rs. 50,00000/

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

- The institution organizes seminars and conferences for which it raised funds from bodies like UGC, ICSSR, BCUD, UOP etc.
- Private sponsorships in cash and kind have also been received towards conferences, seminars etc.
- Funds raised are utilized towards payment of salaries and development of infrastructure.

The details of the received grants from UGC, UGC- XI plan, BCUD University of Pune are as follows:

Sr. No.	Name of the Funding Agency	Amount Received (Rs)
01	Ladies Hostel construction Grants	70,00,000 /-
02	College Development Grants XI plan	8,32,320/-
03	Teacher fellowship Grants	14,59,080 /-
04	A Certificate Course in Communicative English	7,00,000/-
05	A Certificate Course in Environmental Management	5,00,000/-
06	UGC -14 Merged Schemes	29,05,000/ -
07	Major/Minor Research Grant	14,23,900 /-
	Total	1,48,20,300/-

BCUD, University of Pune,

Sr. No.	Name of the Funding Agency	Amount Received (Rs)
01	Major/Minor Research Grant	3,50,000 /-
02	Soft Skills and Student Personality Development Grant	15,45,000 /-
	Total	18,95,000/-

The received grant is utilized as per the guidelines and norms of the funding agencies and the utilization report is submitted within duration.

6.5 Internal Quality Assurance System (IQAS):

6.5.1 Internal Quality Assurance Cell (IQAC)

a. Has the institution established an Internal Quality Assurance Cell (IQAC)?

If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

Yes, the college established Quality Assurance Cell (QAC) and Internal Quality Assurance Cell (IQAC) as per the norms of National Assessment and Accreditation Council. The assurance cell audit and frame policies towards the growth of students are as follows:

- Improvement in the academic and administrative performance of the institution.
- Monitoring and participating quality assurance within existing academic and administrative system since 2004.
- Implementation of optimizing, integrating and monitoring modern methods of teaching and learning.
- Upholding uniformity and enrichment in the quality education.
- Establish and ensure the maintenance and functioning of the support structure.

Contribution of IQAC:

- It helps to build and ensure quality culture at the institutional level with enough flexibility to meet the diverse needs of the stakeholders.
- It channelizes and systematizes the efforts and measures of an institution towards academic excellence.
- It would be facilitative and participative organs of institution and also become a driving force for ushering in a quality by working out intervention strategies to remove deficiencies and enhance quality. It provides a sound base for decision making to improve institutional functioning.

- It helps in the development and application of quality benchmark for the various academic and administrative activities of the college. It acts as a change agent in the institution.
- To facilitating the creation of learner-centric environment conducive for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process. It improve inter communication.
- For the organization of inter and intra institutional workshops, seminars on quality related theme and promotion of quality circle.

IQAC is acting as a nodal agency of the college for co-ordinating quality related activities including adoption and dissemination of good practices. It also guides to the college at every respect throughout the year. The college prepares AQAR report on the quality parameters in the prescribed format, which are submitted to NAAC every year.

b. How many decisions of the IQAC have been approved by the management/authorities for implementation and how many of them were actually implemented?

The decision regarding basic developments and their implementations are suggested and recommended in the IQAC meetings. These decisions put in the LMC meetings and take approval from it. IQAC focuses on the issues such as Internal evaluation, workload, Time-table, Publications, Teachers evaluation, Teaching plans, examination planning, educational visits, remedial coaching etc., All the decisions, recommendations and suggestions are implemented by the college and related activities are carried out as per the IQAC guidelines.

The decisions have been taken in IQAC meetings and implemented are as follows:

- Biometric attendance system for teaching and non teaching staff

- Close Circuit Camera surveillance system is set up in the college building.
- Internet facility made available for staff and students.
- Renovation of office and staffroom.

c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

Yes. The IQAC has external members nominated by the Principal and management for a period of two years.

- Ex. Principal Dr. Purane K.D. and Shri.Milind Pathak are appointed as an external IQAC member.
- The members are given active participation regarding the significant issues like Academic Performance, Infrastructural Changes and Common Facilities for the students and other stakeholders.

d. How do students and alumni contribute to the effective functioning of the IQAC?

The students and alumni play a crucial role in assuring quality of education. The feedbacks and valuable suggestions received from the students as well as alumni help to enrich the teaching and learning process.

- Various academic, co-curricular, social activities, student problems and developmental issues are discussed in the student's council meetings.
- Student's feedbacks on teaching curriculum and college campus are collected and analyzed by IQAC and make corrections and necessary action is taken wherever necessary to assure and enhance the quality of education.
- The Principal, Vice Principal, Head of the Departments and teachers have informal discussions' with the students for the maintenance, cleanliness and also for availability of instrument, library facilities, lectures etc. whenever necessary.

- The students actively participate in various student oriented activities, learning and evaluation, cultural activities, and all the functions of the institution.
- Student representatives from various committees are actively involved in the execution, planning and performing various activities such as NSS, Community Services, and Sports.

e. How does the IQAC communicate and engage staff from different constituents of the institution?

The IQAC is multi disciplinary process which contributed different departments of the college. IQAC mainly communicates to the staff through the Principal and IQAC Co-ordinator.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.

Yes, the college has integrated framework for the Quality assurance of the academic and administrative activities

- The IQAC & academic co-ordinator, collect suggestion from the stake holders and various committees through participatory interactions, based on which it proposes comprehensive action plans for effective implementation.
- The committees are given full dedications with the responsibility of implementation and development of academic activities in the college.
- Principal and management supervise the proper implementation of the plans and, a fair representation of learners, ensure transparency in the process.

Key roles in the Quality Assurance System:

1) Principal :

The Principal made vigilance on all the activities of the college. All the staff of different committee will carry out their work and responsibilities for effective implementation and development of the college.

Principal ensures that;

- The mission of the college, values and relevant strategic management plans are reflected in the Quality assurance system;
- As per the suggestion and recommendation of the stake holders, principal provides the necessary services such as Teaching-learner support, academic support, accommodation, equipment facilities, administration, community service etc.,

2) IQAC Coordinator

The IQAC Coordinator is responsible for

- To broadcasting of information on the various quality parameters of higher education for the stakeholders.
- To Organizing workshops, seminars on quality related themes and Promotion of quality educations.
- Records and documentation of the various programs/activities leading to quality improvement.
- Acting as a nodal agency of the institution for quality-related activities.
- Preparation of the Annual Quality Assurance Report (AQAR) and to be submitted to NAAC based on the quality parameters every year.

3) Vice-Principals :

Vice-principals help to ensure the smooth functioning and implementations of the academic activities such as teaching, practicals, time table, internal examinations, evaluation work etc.,

4) Head of the Departments:

HOD's had a key role to maintain the academic atmosphere for quality education and is responsible for:

- Day-to-day activities of the department.

- Organize the periodic review of courses.
- Manage the Academic and administrative Staff within the Department.
- Co-ordinates the annual and ongoing programs.

5) Chief Examination Officer (CEO) :

- Examination officer is the crucial post in the college to observe all activities regarding the examination.
- To conduct the examination such as University, College, Internal examinations etc.,
- To appoint the internal senior supervisor, junior supervisors, examiners, moderators etc.,
- Management and implementation of Examinations, includes registration, invigilation, preparations, student queries, communicate with university, examination bodies, security of question papers, dispatch of answer books, etc.,
- Evaluation of exam papers and declaration of results in time.

6) Academic Committees :

The Academic Committees are constituted to monitor and organize the academic activities.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

Yes. The college keenly observes and follows the recommendations of the IQAC in order to provide clean and able admiration. To make some better improvements in academic structure small, informal workshops over the weekends, in the form of interactive sessions, have helped the staff work in a better and more promising way.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

- The mechanism for auditing the academic performance through the Local Management Committee and Inspection Committee of PDEA has been set by the management.
- A team of University experts visit to the college to conduct academic audit and observes the college activities in curricular and extra-curricular aspects. It comments on overall performance and suggests the changes if required.
- The college fulfills the compliance based on the suggestion and recommendations given by Local Inquiry Committee.

6.5.5 How is the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

The external regulatory authorities are DHE, UGC, and University of Pune. The Internal quality assurance mechanism is formed as per the norms and regulations of the Government of Maharashtra and University of Pune. As per the regulatory authorities, the college provides its function and works are as follows.

- As the institution is a premier educational institution of university, the regulatory requirements to a large extent have been institutionalized.
- The admissions of the students are carried out as per the norms laid by the University of Pune and Government of Maharashtra.
- The college conducts examinations as per the schedule fixed by the University of Pune.

- Co-curricular and extension activities like NSS, NCC, Student welfare, etc. are organized by the college as per the norms and guidelines of the university.
- The college has formed Local Management Committee as per the norms of University.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

- Attendance is compulsory for students to every lecture. Tutorials and laboratory works are regularly conducted within fixed hours.
- The academic progress of the students are examined by using assignments, internal test, surprise test etc.,
- The student level is judged by the staff member based on the participation in the class and the marks scored in the various tests and appropriate action is taken at the end of each semester.
- Conduction of monthly departmental meetings to identify slow learners, advance learners and discuss other academic activities and problems.
- To improve the teaching-learning processes various academic activities such as remedial classes, special classes, peer tuitions and mentoring programmes are conducted.
- As the practical courses are continuously assessed, additional lab practice is provided to the students who lags in same.
- To monitor the academic progress of each student, faculties are encouraged to conduct surprise tests, quizzes, etc.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

- The institution has developed a various platforms for communication of its policies to the stakeholders such as Alumni Meets, Parent Teacher Meets, various committees and college activities.
- The IQAC collect the feedbacks from all the stakeholders to prepare visionary actions plans. Issues are discussed and reflections and resolutions of the meetings are incorporated in the plan.
- The management has developed evaluation tools for stakeholders to record their opinions, suggestions and objections for constructive developments for future.
- The college website is also used for communication purpose.
- Counseling is given to slow learners and parents meet are organized for such students with their respective faculty members.

Any other relevant information regarding Governance Leadership and Management which the college would like to include.

The institution is governed by a registered society set up with a charitable and non profit motive. Office bearers of the society are leading light in the fields of politics, education, judiciary, and technology, committed and dedicated to the cause of education.

The adopted Governance and Leadership styles include:

- Team work
- Democratic work culture
- Participatory decision making
- Decentralization of responsibilities and Transparency in all academic and administrative activity.

CRITERION VII- INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

There is no channelized system for the green audit in the institution up till now but the institution taking efforts to carry out the official process of Green Audit through the Department of Forest Officer, Govt of Maharashtra, Pune. Moreover, institutions are tried to maintain the campus eco-friendly through the various activities which are as follows.

Dignity of labour:

- College take care of about 2000 students which indicate satisfaction of the stakeholders.
- The students of NSS, NCC and some college volunteers are actively engaged in various eco friendly activities like tree plantation, campus beautification programme, weekly no vehicle day, vehicle parking in college campus, regular disposal of laboratory waste and conservation of light energy.

Environment Project:

- The second year students of arts, commerce and science faculties have a compulsory "**Environment Awareness**" course.
- All the students in these classes perform their project on environment sensitive issues like Green house effect, Water pollution in surrounding areas, Soil analysis, Biodiversity assessment, Garbage disposal, Weeds eradication.
- Two faculty members of the college are appointed as Environment expert by LMC, PDEA, A.W.College, Otur. Post graduate students of science faculty are also actively participated in conducting research work on various environment issues.

- Geography department is also involved in conducting Environment consciousness through rallies, slide shows, documentaries and with the help of various organisations and local sources. Department of Student Welfare has organized 2 days University Level workshop on “Disasters Managements” on 7, 8th Jan 2013, for this event near about 100 students are participated from various colleges.

Awareness Activities:

- Movement for Environment awareness, forest conservation and sustainable management & development is carried out along with student and public support.
- ‘Save the Greens’ – campaign in schools and educational institutions of nearby area.
- Conduction of various programmes for farmers on bio-farming through NSS, NCC and college students.
- Posters, leaflets, publication and imparting awareness material / eco-literature on sustainable development of villages.
- Promote alternate energy sources like solar and wind energy.

7.1.2 What are the initiatives taken by the Institute to make the campus eco-friendly?

Eco-friendly campus is essential in biological terms. It is also essential because the student’s performance affects greatly. The following initiative taken by the institutes are as follows.

1) Maintenance of Natural Greenery:

- When the college was built, care was taken not to chop down the old tall ashoka trees, and they were integrated into the college as a part of the campus, and stand tall even today.
- College also maintains a variety of on-campus plant life, both potted and other keeping the campus green.

- Every year of rainy season (July-Sept) numbers of students from the entire department are engaged in tree plantation in college campus and they will take responsibility of these trees whole year.

2) Well ventilated Classrooms:

- The colleges have 22 classrooms and have a four number of large windows, ensuring that in a sunny day, there is enough natural light to avoid the use of electric lights. Skylights in certain locations of the classroom buildings as well as in the laboratories also provide natural light during the daytime.

3) Garbage Segregation:

- Waste bins have been placed in every wing at three different locations for garbage segregation throughout the college campus.
- The paper and other dry garbage is sent out for recycling process.

4) Maintaining Vermi-compost pit:

- College has constructed a Vermicompost pit for bio-farming and environment sustenations. Vermi-composting is a technology of using earthworms as versatile natural bio-reactor for rapid conversion of any organic wastes under value added manure. Vermi-composting pit is maintained by Department of Zoology.

5) Avoid disposable cups and plates College Canteen:

- The college canteen provides food and snacks only in steel plates and cups, instead of disposable plastic.
- This helps keep the campus clean and also prevents unnecessary harm to the environment.

6) Maintenance of Garden:

- The college maintains garden where plants are grown. Otur grampanchyat is also maintaining "Gram Swachata Abhiyan" in Otur as well as College campus which helps to reduce the pollution and keeps campus healthy.

7) Monitoring of Air Quality:

- Some of the faculty members from department of botany are actively involved in monitoring of air quality for the presence of any fungal spores, pollen grains or any pathogens by collecting air samples in different area of the Otur.
- The college has installed Weather station in geography department to monitor various elements of weather like rain fall, wind velocity, direction, temperatures, humidity etc.
- Moreover, these collected data are used by faculties for various research activities.

8) Energy conservation:

- Lighting technology has improved recently, and today, new fixtures can use 10% of the energy to deliver the same light as old fixtures.
- We have aggressively replaced old fixtures with modern ones to take advantage of the electrical and air-conditioning savings.
- Lighting uses over 20% of the electricity on campus. Corridors and public spaces are designed to allow for generous amounts of natural daylight.

9) Rooftop water harvesting:

- The runoff from the terrace of the college building is channelized into recharge one well and one bore-well located in front of central library.
- All the rooftop rainwater outlets, discharge into storm water drains and then to the recharge in well and bore-well structures.

10) Check dam construction:

- In every year a seven days annual special camp has been conducted by the college NSS unit in the different villages.
- About 125 volunteers deputed to participate in the camp would stay in the village for the complete duration of 7 days and serve there in different ways, like construction of roads and channels, repairs of school buildings, temples, cleaning of wells, tree plantation, construction of check dams, economical and social surveys etc.

- These tasks are conducted with precedence after consulting the local people.

11) Efforts for Carbon neutrality:

- College regularly uses only compact fluorescents (CFLs) bulbs in all departments, offices and in college campus. These CFLs bulb uses four times less energy and having eight times longer life compared to ordinary bulbs and tubes.
- Use of intercom, LAN facilities and internet for intra-college communication helps to reduce paper consumption.
- Limited use of refrigerators, air conditioners and other carbon emitting equipments within the permitted levels makes our campus to be almost a zero carbon emission campus.
- Formation of Eco-Club, comprising students, which undertakes eco-friendly initiatives regularly.

12) Vehicle free Day:

- College students and staffs has followed vehicle free day per month which helps in minimizing noise and air pollution.

13) Use solar energy:

- Sunlight can be used in many ways to save energy. Institute has proposed to establish the solar energy park which consists of solar water heater system to girls and boys hostel.
- Moreover, it is planned to install 20 solar lamps of 20 LED's in college premises at different locations, which helps in lightening the campus and also create awareness about use of renewable energy.

14) E-waste management:

- Up till now college has reutilise most of the e-waste in our college with different aspects and students projects. Our aim is to develop an E-waste recycling facility to render the hazardous substances.

- Repair and rectification of equipment wherever possible is undertaken to extend their life and reduce e-waste.

7.2 Innovations:

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

1) Academic Innovation

- “Earn & Learn” scheme is conducted for poor students who need to earn as they learn.
- NSS group/individual participation in a mix of academic and co curricular activities to develop leadership qualities among the students.
- Various activities are organizes to nurture creativity, thinking, communication skills, organizational skills, leadership qualities and team spirit. It also enhances student employability.
- Quiz based approach to Learning for enforcing subject knowledge.

2) IQAC Feedback Mechanisms:

- An Internal Quality Assurance Cell (IQAC) has been formed as per the guidelines laid down by the NAAC and UGC, New Delhi.
- The Cell oversees the academic activities including preparation of the academic calendar, time-table for the transaction of routine classroom activities, schedule for the conduct of periodic tests/exams and the evaluation process.
- It coordinates the student cantered methods of teaching-learning.
- The IQAC cell plans organize of seminars, workshops and training programmes.
- Periodical evaluation of the teacher is done by students using a structured questionnaire. The feedback mechanism is designed to assess the level of knowledge, communication skills, sincerity, commitment and accessibility.

- By convening the meetings of the HODs and staff members, the Cell reviews the activities and ensures that all the activities of the Institution are conducted systematically.
- It interacts with the Management and prevails upon it on issues related to infrastructure, learning resources and students support system.

3) Technological Innovations:

- Encourage use of communicative practices, such as use of Yahoo and Gmail groups, social networking sites etc., for discussions, posting, assignments, notifications etc.
- It is planned to use of online evaluation for external assessment of students which helps in saving faculty hours.
- Introduction of internet based group activities in various subjects which add depth to the curriculum.
- ETH Software is used for collection of fees, preserving library records and keeping financial accounts. All data and records in relation to admission and the entire examination procedure are preserved in servers.
- The college has signed Memorandum of understanding with ETH (Education to Home) Company established by Padmashree Vijay Bhatkar.
- Library is facilitated with Barcode system, ETH/Autolib software, E-book, E-Journals, DEL/INFLIBNET/CSI, OPAC, N-LIST.
- The college has created functional website which provides up-to-date information to all stakeholders.

4) Mentor system:

- College nurtures about 1500 students which indicate satisfaction of the stakeholders because the institute has adopted the mentor system for the student.
- The students are divided in to approximately 10-20 students according to their roll call and allocated to the respective teacher for mentoring.

- This system seeks to create a supportive environment in which students feel happy and secure.
- Mentor also conduct diagnostic evaluation test and decide the teaching strategy. The meetings between students and mentors create a close bond, providing students.
- The mentor is responsible for monitoring the academic progress and individual welfare of each student.
- Parents are encouraged to contact mentor regarding any concerns either academic or personal, should the need arise.

7.3 Best Practices:

7.3.1 Elaborate on any two best practices.

Which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college?

BEST PRACTICE-I

1. Title of the Practice

“Dr. Karmavir Bhaurao Patil Earn & Learn Scheme”

2. Goal

“To provide Quality Educations to the deprived students at affordable cost”

- The institution looks at “Education at Affordable cost” not only from the narrow financial perspective but also from the broader perspective of can the parent afford to spare the student education?.
- Hence, services of the Earn & Learn scheme are contributing the student for their family’s sustenance.
- The Best Practice ***“Earn & Learn Scheme”***, is an effort to reach the above goal as it helps the student to take care not only his educational expenses but also contribute to the family financially.

- To accelerate this activity our faculty has also started their own “Late Baburaoji Gholap Poor Students Aids Fund” for deprived and needy students yearly.

3. The Context

- Majority of the students are from rural background belonging to weaker sections and hilly area whose families are not able to afford the cost of educations.
- It is a challenge for the college to get such students to complete their courses. Such students are may be fill their self under pressure from parents to discontinue their education in order to shoulder the responsibility of the family, resulting in drop-outs.
- This best practice was established to reduce the student’s dropout rate.

4. The Practice

Implementation of this practice involves

- Use of specially designed Enrolment Forms which capture the data about the student’s background (demographic details, financial status etc.), subject knowledge level, skill level in communication, computer literacy and accounting.
- Preparation of student List with individual needs and requirements.
- Arranging of home tuitions through needy skilled senior students to get tuitions
- Part-time office, library, garden maintaining job assistance for needy students.
- Work allotment and distribution of remuneration is done by Student Welfare Officer and committee members as per guidelines laid down by University of Pune.
- Special attention is given to SC/ST, economically weaker and deserving students.

- Tie-up with local organizations and companies like Prayag constructions, banks etc., where poor students can “Earn & Learn”.
- Monitoring and feedback by the concerned faculty.

5. Evidence of Success

- The table below gives the data of students who participated in this program in the last Ten years.

Sr. No.	Year	No. of student	University Contribution (A)	College Contribution (B)	Special Guidance Scheme	Girls Personality development	Amount in Rs. (A+B)
1	2004-05	19	28401	5301	--	--	33702
2	2005-06	20	49680	4211	--	--	53891
3	2006-07	22	29200	10100	3000	5108	39300
4	2007-08	57	47729	27331	3000	5044	75060
5	2008-09	55	48543	15677	3000	5000	64220
6	2009-10	58	47392	12688	3000	5159	60080
7	2010-11	41	58310	16930	6000	5005	75240
8	2011-12	60	58512	16488	6000	5000	75000
9	2012-13	22	49170	5110	00	35000	54280

6. Problems Encountered and Resources Required

Some of the problems encountered in implementing this Best Practice are:

- Drop in attendance – financial independence in the initial stages brings about a careless attitude towards studies.
- Poor performance in exams.
- Need for constant motivation as declining student interest trickles to other students and faculty too.
- Poor communication abilities of students in some cases are leading to dissatisfaction among employers.

BEST PRATICE-II

1. Title of the Practice:

“Use of ICT and Remedial teaching”

2. Goal: The aims of this practice are

- To identify students' strengths and weaknesses.
- To assess and improve the effectiveness of curriculum programs.
- To assess and improve teaching effectiveness through the use of Information and Communication Technology.
- To identify slow and advanced learner.
- Offer remedial teaching

3. The Context:

The student profile shows 97% of the students are from rural background and they are average learners. In college 18.32% students belonging to SC/ST categories and 11.58% students belong to OBC category (2013-14).

4. The Practice:

Implementation of this practice involves

- Teachers' interactions with the students enable them to identify slow learners and advanced learners.
- This also provides instructors with information about student's prior knowledge and misconceptions before beginning a learning activity.
- They also provide a baseline for understanding how much learning has taken place after the learning activity is completed.
- Instructors usually build concepts sequentially throughout a course. In order to improve the same, teachers use computer simulations, animations, power point presentations, demonstrations in the classroom and laboratory.
- The science departments use computer interfaced experiments in teaching and learning.
- The teachers of different departments conduct diagnostic evaluation test at the beginning of the year in the form of Class Tests or Unit Tests as directed by IQAC.
- The records of all the internal examinations are kept by each department and these are also conveying to the parents in the parent-teachers meet.

5. Evidence of Success

- These activities are well appreciated by the students, and the benefits are qualitative in nature, helping in an all-round development of the students.
- We observed that the most of the slow learner students are benefited and the same is reflected from the academic results of all departments.
- They are fondly remembered by alumni in the Alumni meets, orientation sessions with alumni emphasizing on participation in these activities.

6. Problems Encountered and Resources Required

Some of the problems encountered in implementing this Best Practice are:

- Need excess computer labs as the backward class student's strength is large.
- Designing new content/activities requires additional faculty and student work hours.
- Financial constraints are usually experienced; no formal budgetary allocation has been made so far.
- Getting skilled and trained resource persons involves additional financial cost which is difficult to manage.

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**D: Compliance Report of Suggestion and Recommendation Given
By the NACC Pear Team In 2004**

Sr. No.	Suggestion And Recommendation	Compliance
1)	Construction work of boys hostel should be expedited	Construction of boy's hostel has been completed
2)	The construction of the faculty building should be taken up immediately. So that all offices of Art department, NCC and NSS should be shifted to this building from the present temporary arrangement made in Girl's Hostel.	Construction of the faculty building has been completed and all offices of all Departments, NCC and NSS had shifted to new building.
3)	The Girl's Hostel should be used to accommodate girl students at least from next academic year i.e. 2004-05.	Separate new Girl's Hostel has been constructed in the collage premises
4)	In addition to the existing vocational course in industrial chemistry more of such need based courses like Biotechnology, Microbiology, and Horticulture. Agro-based industries related subjects may be started on self finance basis.	Dr, Shaikh From the academic year 2013-14 one each short term/add on course has been started in the faculty of Commerce, Science and Arts
5)	Self finance courses in Computer Science may be started on top priority basis.	Self finance courses have been started from the academic year 2010-11 & 2013-14. M.Sc. Chemistry (Organic)

		M.Sc. Physics
6)	Complete computer awareness among students, teachers and employees is very essential.	Continuous efforts have been taken to increase the computer awareness amongst the Students, Teachers and Administrative staff during last year.
7)	Full computerization of the library and office may be taken up in a phase wise manner.	Library and Office has been fully computerized.
8)	Few journals may be added to the Central Library for the reference by students and teachers.	Journals have been added to the central library for the reference by students and teachers.

E: Evaluative Report of the Department

I. Evaluative Report of the Department of Botany

As a part of the institution this department is following the path prescribed in the vision and mission of the institution. The department has its own identity and its vision to inculcate a think culture among the students and ultimately the citizens of India, with the theme, "Live with Nature".

To accomplish the vision the department follows a Mission through, following points.

- Creation of curiosity and awareness among the students through organization of seminars/workshops by and for the students,
- Assigning environment related work/study to individual or group of students after counseling.
- Providing a platform to students for share and expression of their views and ideas about sustainable livelihood hand in hand with nature.
- Student centric and student driven activity such as 'Plant of the Week'.
- Inculcation of research aptitude through these activities.

These mission points are being implemented in the department since 2006 and are seem to be fruitful to some extent in its vision.

The technical details of the department are as follows.

1. Name of the department: **Department of Botany**
2. Year of Establishment: **1970**
3. Names of Programmes / Courses offered:
UG - F.Y. B.Sc. Botany
UG – S.Y. B.Sc. Botany
4. Names of Interdisciplinary courses and the departments/units involved: **Nil**
5. Annual/ semester/choice based credit system (programme wise)
F.Y. – Annual
S. Y. – Semester

6. Participation of the department in the courses offered by other departments-

Sr. No	Name of the Course	Coordinating department	Nature of involvement
1.	Environmental Awareness Program prescribed by University of Pune at SY level	Zoology	Faculty works as resource person
2.	Environment Management	Geography	Faculty works as resource person

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Nil

8. Details of courses/programmes discontinued (if any) with reasons

Not applicable

9. Number of Teaching posts - **Three**

	Sanctioned	Filled
Assistant Professor	2	1
Temporary		1 (CHB)
Vacant	1	0

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. S. R. Rahangdale	M. Sc., NET, Ph. D.	Assistant Professor	Cytology and Genetics	12 years (1 year PG & 11 Years)	--

				UG)	
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11. List of senior visiting faculty

Not applicable

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty. A.Y. 2013-14

Name	Programme	No. of Lectures	No. of Practical Classes	Percentage	
				Lecture	Practical
Mr. A. S. Pansare	FYBSc.	2	4	33.33	44.44
	SYBSc.	4	1	50.00	25.00

13. Student -Teacher Ratio (programme wise):

Year	2004	2005	2006	2007	2008	2009	2010	2011-	2012	2013
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Student Strength	126	104	85	80	88	118	157	180	165	184
No. of Faculty	2	2	2	2	2	2	2	2	2	2
Ratio for total strength of department	63:1	52:1	42.5:1	40:1	44:1	59:1	77.5:1	90:1	82.5:1	92:1
Strength FY	79	76	45	53	54	97	120	118	114	131
Ratio FY	38.5:1	38:1	22.5:1	26.5:1	27:1	48.5:1	60:1	59:1	57:1	65.5:1
Strength SY	47	28	40	27	34	21	37	62	51	53
Ratio SY	23.5:1	14:1	20:1	13.5:1	17:1	10.5:1	18.5:1	31:1	25.5:1	26.5:1

	1			1		1	1		1	1
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(Please give the data for last five years)

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Posts	Sanctioned	Filled
Lab Assistant	1	1
Lab Attendant	2	1 + 1(Temporary)

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr. No.	Name	Qualification
1	Dr. S. R. Rahangdale	M. Sc., NET, Ph. D.

M.Sc. – 0

Ph. D. – 1

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received.

Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received.

Sr. No.	Principal Investigator	Title of the project	Year	Funding Agency	Amount received (Rs.)
1.	Dr. S. R. Rahangdale	Wild genetic resources of Food Legumes from Tribe Phaseolae (Fabaceae) from Maharashtra	2006-2008	BCUD, University of Pune	1,70,000/-
2.	Dr. S. R. Rahangdale	Inventorization and Digitization of Pteridophytic	2010-2013	UGC, New Delhi	10,73,900/-

		Diversity from District Pune			
	Total Grant Received (Rs.)				12,43,900/-

18. Research Centre /facility recognized by the University.

Nil

19. Publications:

a) Publication per faculty (Since 2004-05).

Sr. No.	Name of Faculty	No. of publications in Journal	No. of Books	No. of Chapters/ contribution in Book
1.	Dr. S. R. Rahangdale	09	4	1

b) Number of papers published in peer reviewed journals (national / international) by faculty and students: **Eight + 1**

Name of Author/s	Year	Title of the Paper	Name of Journal, Volume & Page Nos.	Status	Impact Factor
1.Patil C. R., S. R. Rahangdale , S. S. Rahangdale and S. C. Patil	2005	Occurrence of tricarpy in <i>Ceropegia attenuata</i> Hook. (Asclepiadaceae)	<i>Current Science</i> , 88(8): 1215	International	0.5
2.Nagarkar Savita, V. S. Ghate and S. R. Rahangdale	2006	Interesting Morpho- variables recorded in <i>Aerides maculosum</i> Lindl.	<i>Journal of Bombay Natural History Society</i> , 103(1): 136-137	National	--
3.Rahangdale S. S., V.	2009	New Record of <i>Garnotia courtallensis</i>	<i>Rheedea</i> , 19(1&2): 12	International	--

S. Ghate and S. R. Rahangdale		(Poaceae) for Maharashtra State			
4. Rahangdale S. S., S. R. Rahangdale and V. S. Ghate	2010	Rediscovery of <i>Tillaea schimperi</i> subsp. <i>schimperi</i> (Crassulaceae) from Maharashtra State	<i>The Indian Forester</i> , 136(6): 851-853	International	4 (h-index)
5. Rahangdale S. R. and S. S. Rahangdale	2011	<i>Botrychium</i> Swartz.: A new genus record from Maharashtra State.	<i>The Indian Forester</i> , 137(12): 1462-1463	International	4 (h-index)
6. Rahangdale S. S. and S. R. Rahangdale	2012	<i>Variety Novae</i> of <i>Ceropegia mahabalei</i> Hemadri et. Ansari. [Apocynaceae: Asclepiadoideae]	<i>The Indian Forester</i> , 138(2): 201-203	International	4 (h-index)
7. Bhise M. R., S. S. Rahangdale and S. R. Rahangdale	2013	Floristic Study of Kalbhairavanatha Sacred Grove, Terungan, Ambegaon Taluka, Pune	<i>Research & Reviews: Journal of Botany</i> ISSN: 2278-2222, 2(1): 17-24	International online	--
8. Rahangdale S. S. and S. R. Rahangdale	2013	<i>Anoda cristata</i> (L.) Schltld. (Malvaceae): A new record for Maharashtra	<i>The Indian Forester</i> , 139(9): 853-854	International	4 (h-index)
9. Rahangdale S. S. and S. R. Rahangdale	2014	Floristic composition of two rock outcrops from Northern Western Ghats	<i>Journal of Threatened Taxa</i> , Accepted	International	

e					
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c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

All the published papers mentioned above are listed in International Databases viz., Biological Abstracts, and CAB Abstracts.

d) **Monographs:** There are no Monographs, but the Folding Booklets are published on
1. "Biodiversity of the Genus *Ceropegia* L. in Junnar Forest Division" by Rahangdale S. R. and S. S. Rahangdale
2. "Junnar Talukyatil *Ceropegia* L. Prajatimadhil Jaivavividhata" (in Marathi) by Rahangdale S. S. and S. R. Rahangdale on 1st Oct. 2011 on the occasion of Wild Life Week with the auspicious hands of CCF Pune Circle, Shri Nitin Kakodkar, (IFS).

e) Chapter/Contribution in Books:
"Wild Orchids of Northern Western Ghats" contributed the information, Microphotographs of Phase-Contrast, Scanning Electron Micrographs and other observations on orchid seeds in the book. Published by Tata Powers Ltd, Mumbai and Ela Foundation, Pune. 2010.

f) Books Edited: Nil

g) Books with ISBN/ISSN numbers with details of publishers: **Three**
 (Two Text Books, on revised Syllabus of University of Pune and one Book is under publication.)

Sr.no.	Name of Authors	Title of Book	Publisher	ISBN No.
1.	Dr. Hema Sane, Dr. S. S. Rahangdale & Dr. S. R. Rahangdale	Text Book of Industrial Botany Term I	Vision Publications, Pune - 2	978-93-5016-241-2
2.	Dr. Hema Sane, Dr. S. S. Rahangdale & Dr. S. R. Rahangdale	Text Book of Fundamentals of Botany Term II Paper I (Morphology	Vision Publications, Pune - 2	978-93-5016-245-3

		Anatomy) & Paper II Industrial Botany		
3	Dr. S. S. Rahangdale and Dr. S. R. Rahangdale	Biodiversity of Durgawadi Plateaus	Department of Forests, Govt. of Maharashtra	Under publication

h) Citation Index

i) SNIP

j) SJR

k) Impact factor: **0.5**

l) h-index: **16**

Presentations in the National / International Conferences/seminars:

1. **Rahangdale S. R., S. S. Rahangdale & V. S. Ghate** '*Qualitative and microscopic characteristics of orchid seeds from Junnar Taluka, Maharashtra*' in IAAT Conference, held at Dept. of Botany, RSTM Nagpur University Nagpur during 21-22 October, 2005.
2. **Rahangdale S. R. and S. S. Rahangdale** '*Potential wild edibles from Maharashtra: Future prospects for their improvement and conservation*'. In International Seminar on Present Trends and Future Prospects of Angiosperm Taxonomy, At ARI Pune, during 4-6 Oct. 2006.
3. **Rahangdale S. R.** '*Wild Genetic Resources of Food Legumes*' in INNOVATION 2007. A Conference of Pune University Teachers organized by BCUD, University of Pune, during 18-19 October 2007.
4. **Rahangdale S. R.** '*Nutraceutically Potential Wild Edibles from Maharashtra*' in National Seminar on In the Role of Caretakers of Biosphere, at Baramati, during 16th to 18th February 2008.
5. **Rahangdale S. R., S. S. Rahangdale and V. S. Ghate** '*Sustainable use of Fumaria L. a weed of medicinal value*' in International Seminar on Multidisciplinary

- approaches in Angiosperm Taxonomy, held at Kalyani University, Kalyani during 11-13 Oct. 08.
6. Rahangdale S. S., **S. R. Rahangdale** and V. S. Ghatge '*Critical notes on morpho-diversity and classification in Scilla-Ledebouria (Hyacinthaceae) complex*' in International Seminar on Multidisciplinary approaches in Angiosperm Taxonomy, held at Kalyani University, Kalyani during 11-13 Oct. 08.
 7. **Rahangdale S. R.** '*Wild Genetic Resources of Food Legumes*' in Regional Conference of University Teachers INNOVATION 2008. A Conference of Pune University Teachers organized by BCUD, University of Pune and Vidya Pratishthan's School of Biotechnology, Baramati during 12-13 November 2008.
 8. **Rahangdale S. R.** '*Potential Wild Legume Resources from Maharashtra: Future prospects for their improvement and conservation*' in National Seminar on Organic Farming at Lal Bahadur Shastri College, Satara, during 23-24 January 2009.
 9. **Rahangdale S. R.** and S. S. Rahangdale '*Distributional and Quantitative Analysis of Some Ceropogia L. Species*' International Symposium on *Angiosperm Systematics & Phylogeny: Retrospects & Prospects* 12th-14th Nov. 2009 at National Botanical Research Institute, Lucknow
 10. **Rahangdale S. R.**, S. S. Rahangdale and M. R. Bhise '*Reproductive cycle in Ensete superbum (Roxb.) Cheesn.: Effect of leaf harvesting*' International Symposium on *Angiosperm Systematics & Phylogeny: Retrospects & Prospects* 12th-14th Nov. 2009 at National Botanical Research Institute, Lucknow.
 11. Rahangdale S. S., **S. R. Rahangdale** and M. R. Bhise. *A Review of Ethnomedicinal uses by Local Inhabitants*. In the XI International Conference of International Organization of Plant Biosystematics on "Evolution of Plants from Tropical to High Mountain ecosystems: Focus on Asia" IOPB, International Association for Plant Taxonomy, Indian Association for Angiosperm Taxonomy and Department of Botany, BAMU, Aurangabad. 2-4/09/2010
 12. Rahangdale S. S., **S. R. Rahangdale** and M. R. Bhise. *Epidermal and Micro-Morphological Study in Some Species of genus Ceropogia L. (Apocynaceae: Asclepiadoideae)*. In XX Annual conference of IAAT & International Symposium

- on, *Taxonomy Plant Diversity and Conservation* at Bharthiar University, Coimbatore, Tamilnadu 26-28/11/2010.
13. Rahangdale S. R. *Study of Pteridophyte Diversity in Pune District and Surroundings*. In the National Seminar on, Exploration, Protection and Conservation of Biodiversity and Traditional Knowledge at Gour Mahavidyalaya, Malda, West Bengal on 4-5/02/2011.
 14. Bhise M. R., S. S. Rahangdale and S. R. Rahangdale. *Sacred Groves a Traditional Concept of Conservation: Floristic study of some Sacred Groves with Strong Religious Faith*. In the XXI Annual conference of IAAT & National Seminar on *Biodiversity Conservation and Climate Change* at IMMT, Bhubaneshwar, Odisha during 2-4, December 2011
 15. Rahangdale S. R. and S. S. Rahangdale. *Ghod Project Division A Significant Conservatory of Endemic Taxa of India*. In the XXI Annual conference of IAAT & National Seminar on *Biodiversity Conservation and Climate Change* at IMMT, Bhubaneshwar, Odisha during 2-4, December 2011
 16. Hande P. R. and S. R. Rahangdale. *Ethnobotany of Vascular Plants from Pune District, Maharashtra*. In the XXI Annual conference of IAAT & National Seminar on *Biodiversity Conservation and Climate Change* at IMMT, Bhubaneshwar, Odisha during 2-4, December 2011
 17. Rahangdale S. R. *Endemism in Junnar Forest Division*. Paper presented in the Avishkar 2011.
 18. Rahangdale S. R. and S. S. Rahangdale. *Significance of Rock outcrops in the conservation of Endemic taxa*. In the International conference of IAAT, At Sant Gadge Baba Amravati University, Amravati. 28-30 October 2012.
 19. Rahangdale S. S. and S. R. Rahangdale. *Impact of Developmental Activities on Sacred Groves*. In the International conference of IAAT, At Sant Gadge Baba Amravati University, Amravati. 28-30 October 2012.

20. Bhise M. R., S. S. Rahangdale and **S. R. Rahangdale**. *Plant Utility and Participatory Conservation Strategies*. In the International conference of IAAT, At Sant Gadge Baba Amravati University, Amravati. 28-30 October 2012.
21. **Rahangdale S. R.** and S. S. Rahangdale. *Plant Species Composition on Two Rock Outcrops from North Western Ghats, Maharashtra*. In XXIII Conference of Indian Association for Angiosperm Taxonomy and National Seminar on Recent advances in Plant Taxonomy research. At RSTM Nagpur University, Nagpur. 27th-29th Dec. 2013.
22. Rahangdale S. S, and **S. R. Rahangdale**. *Quantitative Assessment of Medicinal Plants in District Pune, Maharashtra*. In XXIII Conference of Indian Association for Angiosperm Taxonomy and National Seminar on Recent advances in Plant Taxonomy research, at RSTM Nagpur University, Nagpur; 27th-29th Dec. 2013.

20. Areas of consultancy and income generated

Sr.No.	Agency	Area	Income
1.	Ghod Project Division, Junnar, Department of Forests, Government of Maharashtra	Assessment and Conservation of Biodiversity (The information shared to the Department of Forests, is used to formulate the developmental plans for the society and the upliftment of the local peoples and Forest Management through JFM. This information has significant impact on the overall developments in the area in a sustainable way)	Nil
2.	Students from Pharmacy stream from neighboring Institutes	Plant Identification	Nil

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....

Sr. No.	Faculty	Committee	Position	Status
1	Dr. S. R. Rahangdale	Eco-sensitive Zone Declaration around the National Parks & Wildlife Sanctuaries –Bhimashankar Wildlife Sanctuary	Member	National
2.	Dr. S. R. Rahangdale	Indian Society of Genetics and Plant Breeding, New Delhi	Life Member	International
3	Dr. S. R. Rahangdale	Indian Fern Society, Ludhiana	Life Member	National
4	Dr. S. R. Rahangdale	Society of Plant Taxonomy, DeharaDun	Life Member	National
5	Dr. S. R. Rahangdale	ENVIS, Biodiversity Portal, Ministry of Environment and Forests, Government of India. - www.bsienvvis.nic.in	Expert Outside BSI for Angiosperm	National
6.	Dr. S. R. Rahangdale	Mentor Committee, College of Potential for Excellence scheme, Vivekanand College, Kolhapur.	Member	National
7.	Dr. S. R. Rahangdale	Ghod Project Division, Dept. of Forests, Govt. of Maharashtra	Visiting Botanist	State
8.	Dr. S. R. Rahangdale	Journal of Bombay Natural History Society, Mumbai	Reviewer for Research Papers	National

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme.

Particulars	2008-09	2009-10	2010-11	2011-12	2012- 13	2013-14
Student Strength	88	118	157	180	165	184
No. of Students who have done the projects	10	15	12	12	8	0
Percentage	11.36	12.71	7.64	6.67	4.85	0

University of Pune is organizing AVISHKAR Research Project Competition to inculcate research aptitude among the students. Following are the details of the research projects presented in this competition in different years.

Sr.	Title of the Project	Name of Students	Class	Name of Guide(s)
AVISHKAR 2012 (12/12/2012), at Prof. Ramkrishna More College, Akurdi, Pune.				
1.	Domestic Generation of Electricity	Mr. Abhijit Manohar Dangat Mr. Hemant Jayprakash Dumbre	F.Y.B.Sc.	Dr. S. R. Rahangdale
2.	Novel Products from Custard Apple	Miss. Snehal Suresh Dumbre Miss. Arti Vikas Dumbre	F.Y.B.Sc.	Dr. S. R. Rahangdale
3.	Zero Input Water Heater	Miss. Akshada Ranjan Dumbre Miss. Sayali Nitin Kulkarni	F.Y.B.Sc.	Dr. S. R. Rahangdale
4.	Electricity Amplifier for Solar Energy <i>(Selected for</i>	Mr. Ravindra Chintaman Yewale Mr. Mitesh Sharad Dumbre	F.Y.B.Sc.	Dr. R. U. Mene & Prof. S. F. Dhakane

	<u>University level competition)</u>			
<u>Avishkar 2011 (15-16/12/2011) at B. R. Gholap College, Sangavi</u>				
1	Assessment of Diversity of Otur Hills – A Link Between Plains and Western Ghats	Mr. Kale Balasaheb Shantilal Miss. Gawande Rani Baban	S.Y.B.Sc	Dr. S. R. Rahangdale
2.	Solar Energy and its Application	Pansare Pranay, Kokane Rahul	T.Y.B.Sc	Prof S F Dhakane
<u>AVISHKAR 2008 (24-25/09/ 2008), at B. R. Gholap College, Sangavi</u>				
1	Potential Bio-diesel Plant, <i>Hibiscus cannabinus</i>	Mr. Jadhav Pravin Subhash Miss. Waykar Arti Pandurang	SyBSc. FYBSc.	Dr. S. R. Rahangdale
2	Extraction of Natural Dye from <i>Ticomella undulata</i>	Miss Kute Shital Gulab	S.Y.B.Sc.	Dr. S. R. Rahangdale & M. H Moulavi.
3	Electricity generation using Wind mill	Mr. Jadhav Ganesh Vasant Mr. Shelke Sushant K, Mr. Tambe Sunil G	T.Y.B.Sc. FYBSc.	Prof S F Dhakane

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies

Not applicable

23. Awards/ Recognitions received by faculty and students.

1. **Dr. S. R. Rahangdale** awarded with **Prof. M. Sabu Award for Best Paper amongst Scientists and Teachers** at the XXIII Annual Conference of Indian Association for Angiosperm Taxonomy and National Seminar on “Recent Advances in Plant Taxonomy Research” held at RSTM Nagpur

University, Nagpur during 27-29 December 2013.

2. Dr. S. R. Rahangdale is recognized **PG Teacher** of University of Pune, Ganeshkhind, Pune.

3. Dr. Rahangdale S. R. is recognized as **Visiting Botanist to Ghod Project Division**, Department of Forests, Government of Maharashtra.

24. List of eminent academicians and scientists/visitors to the department

Sr. No	Name of Person	Designation	Date	Purpose of visit/Talk delivered
1	Dr. V. S. Ghate,	Scientist 'E' Agharkar Research Institute, Pune	03/02/09	Interaction with students
2	Mr S. D. Raut	ACF, Junnar Forest Division, Junnar	06/02/09	Inauguration of Medicinal plant Exhibition and book Exhibition
3	Dr. Ajay Deshmukh	Curator, Leopard Rescue Centre, Manikdoh, Junnar	06/02/09	Lecture on Leopards Facts and conservation problems
4	Mr. Tushar Thorat	Member, Zilla Parishad, Pune	07/02/09	Visit to Poster presentation and exhibition of Photography.
5	Dr. Satish Pande	Ornithologist, Pune	20/09/09	Lecture on Owl Diversity in India and its significance
6	Dr. V. S. Ghate,	Senior Scientist, Agharkar Research Institute, Pune	09/01/10	Plant Diversity, Ethno-botany & Bio-prospecting
7	Dr. H. D. Sane	Ex Head, Department of Botany,	09/01/10	Wild is Beautiful and Conservation of Biodiversity

		Abasaheb Garware College, Pune		
8	Dr. M. B. Khetmalas	Director, Biotechnology Department, D. Y. Patil Institute, Pune	09/01/10	Recent Development in Bt- Cotton
9	Dr. Ganesh Dama	Principal, Institute of Pharmacy, Dumbarwadi, Otur	09/03/11	Opportunities in Plant Based Product
10	Dr. Mrs. S. S. Rahangdale	Assistant Professor, Department of Botany, B. J. College Ale	09/03/11	Basic sciences and Their Importance
11	Dr. S. M. Bhuskute	Principal, Bhavbhuti Mahavidyalaya, Amgaon, Dist. Gondia, MS.	24/12/11	Lecture on Insectivorous Plants of Maharashtra and visit to the <i>Taleran</i> Sacred Grove
12	Shri Anil Satkar	President, Junnar Taluka Professional Photographer's Association	01/02/12	Photography as business in the field and off the field.
13	Shri Raichand Shinde	TV Journalist, IBN Lokmat	01/02/12	Videography in the present day electronic media and opportunities
14	Shri Avinash Pawar	TV Journalist, Star Maza	01/02/12	Still photography- skills for electronic media
15	Shri Bhau Mengade	Professional Photographer	01/02/12	Event Photography- skills and opportunities

16	Shri Ramnath Meher	Journalist, Daily Lokamat, Gaonkari, and Kesari	01/02/12	Use of Photographs in the News in relevance to social problem solving through Print media
17	Shri. Bharat Awachat	Journalist, Daily Sakal	01/02/12	Impact of Photographs in the News in Print media and their significance
18	Shri. A. D. Bhosale, IFS	Deputy Conservator of Forests (Territorial), Ghod Project Division, Junnar	01/10/12	Inauguration of Science Exhibition on Wild life Week 2012 and interaction with students about forest Management, Conservation and opportunities in forestry
19	Dr. R. V. Gandhe	Scientist Emeritus, ARI, Pune	28/02/13	Inauguration of Nature Photography Competition
20	Dr. Mrs. K. R. Gandhe	Ex. Head, Department of Botany, Modern College, Pune	28/02/13	Need of GMO crops for food Security
21	Shri. A. D. Bhosale, IFS,	Deputy Conservator of Forests (Territorial), Ghod Project Division, Junnar	28/02/13	Forestry in India and Need of Joint Forest Management
22	Dr. S. S. Rahangdale	Assistant Prof. in Botany, B. J. College, Ale	28/02/13	Medicinal Plants and Business Opportunities

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National - Nil

b) International – Nil

26. Student profile programme/course wise:

Name of the Course/ programme (refer question no. 3)	Applications received	Selected / Appeared	Enrolled		Pass percentage			
			M	F	Paper I	Paper II	Paper III	Gross
2012-13								
FYBSc. Botany	118	110	50	50	91.82 (101)	93.64(103)	7.27(107)	8.18(97)
SYBSc. Botany	51	45	20	25	4.44 (38)	97.78(44)	7.78(44)	4.44(38)
2011-12								
FYBSc. Botany	118	113	58	55	5.50 (74)	100(113)	100(113)	5.50(74)
SYBSc. Botany	60	60	34	26	8.33(41)	90.00(54)	100(60)	6.67(40)
2010-11								
FYBSc. Botany	120	109	55	54	91.74 (100)	93.58(102)	100(109)	8.99(97)
BSc. Botany	38	38	22	16	100 (38)	97.36(37)	100(38)	7.36(37)
2009-10								
BSc. Botany	123	97	51	46	5.57 (83)	83.51(81)	7.94(95)	4.23(72)
BSc. Botany	21	21	10	11	5.71 (18)	90.47(19)	100(21)	5.71(18)
2008-09								
BSc. Botany	62	56	24	32	5.00 (42)	96.43(54)	8.21(55)	1.43(40)
BSc. Botany	34	34	23	11	100 (34)	100(34)	100(34)	100(34)
2007-08								
BSc. Botany	57	54	34	20	8.15 (53)	98.15(53)	8.15(53)	8.15(53)
BSc. Botany	27	27	14	13	100(27)	88.88(24)	100(27)	8.88(24)

Name of the Course/ program me (refer question no. 3)	Applications received	Selected / Appeared	Enrolled		Pass percentage			
			M	F	Paper I	Paper II	Paper III	Gross
6-07								
BSc. Botany	45	45			22(37)	33(42)	(45)	00(36)
BSc. Botany	40	40			00(38)	50(33)	(40)	50(31)
5-06								
BSc. Botany	94	76	45		34(66)	37(74)	05(73)	29(65)
BSc. Botany	28	28			43(27)	36(26)	(28)	36(26)
4-05								
BSc. Botany	79	79			29(50)	56(51)	41(73)	70(44)
BSc. Botany	47	47			(47)	74(45)	37(46)	52(44)

*M=Male F=Female (Gross pass percentage is for the students who cleared all three papers.)

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
FYBSc. Botany	100	--	--
SYBSc. Botany	100	--	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Not applicable

29. Student progression? Give year wise data. Not Applicable

Student progression	Against % enrolled							
	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
UG to PG	3.5 (1/28)	5.0 (2/40)	00	00	4.7 (1/21)	2.6 (1/38)	1.7 (1/60)	00
PG to Ph.D.								
Ph.D. to Post Doctoral								
Employed • Campus selection • Other than campus recruitment								
Entrepreneurship/Self-employment								

(We have the Botany subject at SY level. The information here given is progression from SY to TY and then PG.)

30. Details of Infrastructural facilities

a) **Library:** The Departmental Library is established with kind donations from Dr. S. K. Potdar and Dr. S. R. Rahangdale and the Books purchased under the Research project grants. Presently, the Department Library consists of **95** books beside the College Library.

b) **Internet facilities for Staff & Students:** Available

c) **Class rooms with ICT facility:** Common Facility is available in the college which can be availed whenever required.

d) **Laboratories:** A Laboratory of an area of 1600 Sq. ft. (148.65 sq. M) is

equipped with essential instruments. A list is given below.

Sr. No.	Equipment	Quantity
1	Autoclave	1
2	Centrifuge RM-12	1
3	Computer with Printer	1
4	Electronic Balance (Cap.120gm)	1
5	Glass Double Distillation Unit	1
6	Herbarium Cupboard	1
7	Laminar Air Flow Cabinet	1
8	Lux Meter	1
9	Magnetic Stirrer	1
10	Microtome	1
11	Over Head Projector	1
12	pH Meter Digital	1
13	Refrigerator 160 lts	1
14	Soxlet Extraction unit	2
15	Stereo microscope with Micro-photographic attachment	1
16	Trinocular Research Microscopes	2

Beside this **150 Charts** on different objects and about **350 Titles of Permanent Slides (700 slides total)** are available in the Department, which are being used in Lecture as well as practical teaching.

31. Number of students receiving financial assistance from college, university, government or other agencies.

Students from socially and economically under privileged groups are getting scholarship/freeship from the college as per University of Pune and Government of Maharashtra directives. Other than this are Nil.

32. Details on student enrichment programmes (special Lectures/workshops/seminar) with external experts:

Workshops and Expert lecture Series are being organized every year. The details are given below.

Academic Year 2008-09

a) Entrepreneur Skill Development Activities

On 21st February 2009 a workshop on Flower Arrangement was organized, in which professional experts viz., **Miss Anuja Shinde** and **Miss Chitra Zalte** demonstrated the **Importance and Scope of Flower Arrangement and Opportunities in this Business** to the students. Later, student prepared different types of Flower arrangements including Eastern style, Ikebana, Moribana, Western style arrangements and Traditional Flower arrangements.

Academic Year 2009-10

a) Invited lectures:

Dr. Satish Pande, Ornithologist delivered a lecture on **“Owls of India, Their role in Ecosystem and their Conservation”** on 20th September 2009.

Later Dr. Pande and Dr. Rahangdale visited Malshej Ghat area to study Natural Habitats of Migratory and Endemic Birds of this region.

b) Wild Life Week 2009 (01-07 October 2009):

On behalf of the College, Department of Botany had organized following activities of students during Wild Life Week 2009.

Sr.No.	Date	Time	Activity
1	02/10/09	--	Essay writing Competition
2	03/10/09	11:00 am	Presentations of Field visits by students
3	05&6/10/09	10:30 am	Exhibition of Medicinal plants
4	06/10/09	10:30 am	Exhibition of Books on Biodiversity
5	06/10/09	11:00 am	Exhibition of Photographs and Herbarium specimens
6	06/10/09	12:00 noon onwards	Dr. Ajay Deshmukh of Leopard Rescue Centre, Manikdoh, Junnar Forest Division had delivered a lecture on “Fact files on Leopards of this region, their habits and protection” .
7	06/10/09	2:30 pm	Presentation on Biodiversity of Plants and its relation to Animals by Dr. Rahangdale S. R.
8	07/10/09	10:30 am	Plantation program of Medicinal plants with Range Forest Office, Otur and NCC unit of AWC Otur.

c) Expert Lecture Series:

An expert Lecture series on **“Biodiversity and Biotechnology”** was organized under Quality Improvement Program of University of Pune on 09/01/2010.

Sr. No.	Name of Invited speaker	Address	Title of Lecture

1	Dr. M.B. Khetmalas Professor & Head	Department of molecular Biology Dr. D. Y. Patil Biotechnology & Bioinformatics Institute, Sector No. 29, Akurdi, Pune – 411044.	Recent Development in Bt- Cotton
2	Dr. V. S. Ghate Sr. Scientist & In charge	Botany Group, Agharkar Research Institute, Pune – 411004.	“Ethano-botany and Bio- prospecting”
3	Dr. Hema Sane, Ex. Head, Department of Botany, Abasaheb Garware College, Pune	123, Budhawar Peth Near Tambadi Jogeshwari, Pune.	“Wild is Beautiful and Conservation of Biodiversity”

Academic Year 2010-11

a) **Guest Lecture: Mr. Pavan R. Hande** (M.Sc. Botany) has given two Lectures on, “**Career Opportunities in Botany and Related Science**” for F.Y. & S.Y.B.Sc students on 4&5/03/11.

b) **Expert Lecture Series:**

On “**Biodiversity Assessment and Environment Conservation**” was organized under Quality Improvement Program of University of Pune on 09/03/2011.

Sr. No.	Resource Person	Designation	Topic of Lecture
1.	Dr. S. S. Rahangdale	Department of Botany, B.J. College, Ale	Basic sciences and Their Importance
2	Dr. Ganesh Dama	Sharadchandra Pawar College of Pharmacy, Dumberwadi	Opportunities in Plant Based Products

Academic Year 2011-12

a) **Guest Lecture:**

On 24th December 2011 **Dr. Shriram M. Bhuskute**, a well known Botanist and Principal, Bhavbhuti Mahavidyalaya Amgaon, Dist. Gondia delivered a lecture on ‘**Insectivorous Plants**’ and interacted with students of S.Y.B.Sc.

b) One Day Workshop on Business Opportunities in Photography

A one day workshop on **Business Opportunities in Photography** was organized on 01/02/2012.

Sr. No.	Resource Person	Designation	Topic of guidance
1.	Shri Vijay Waykar	Member, LMC, AWC, Otur	The capabilities of an entrepreneur and responsibility of the students towards developing their career.
2.	Shri Anil Satkar	President, Junnar Tahsil Professional Photographer's Association	Photography as business in the field and off the field.
3.	Shri Avinash Pawar	Media representative, 'Star Majha'	Videography in the present day electronic media and opportunities
4.	Shri Raichand Shinde	Media representative, 'IBN Lokmat'	Still photography- skills for electronic media
5.	Shri Ramnath Meher	Reporter, Daily 'Lokmat', and 'Prabhat'	Use of Photographs in the News in relevance to social problem solving through Print media
6.	Shri Bharat Awachat	Reporter, Daily 'Sakal'	Impact of Photographs in the News in Print media and their significance
7.	Shri Bhau Mengade	Professional Photographer	Event Photography- skills and opportunities
8.	Shri Santosh Jadhav	Professional Videographer	Videography- a promising business today
9.	Dr. Rahangdale S. R.	Organizer & Wildlife Photographer	Wild life photography

Academic Year 2012-13**a) Entrepreneurship Workshop**

A one day workshop on above topic was organized on the occasion of **National Science Day** (28th February 2012) by Department of Botany for the students. The workshop was

initiated with 'National Anthem' and ended by 'Vande Mataram'. The details are given below.

Sr.No.	Resource Person	Designation & Institution	Title of the talk
2.	Dr. R. V. Gandhe	Scientist Emeritus, Agharkar Research Institute Pune	Entrepreneurship development through present Education system
3.	Dr. Mrs. K. R. Gandhe	Retd. Head, Department of Botany, Modern College, Pune	Frontiers in Sciences
4.	Shri A. D. Bhosale (IFS)	Deputy Conservator of Forests, (Territorial) Ghod Project Division, Junnar, Government of Maharashtra	Joint Forest Management for Biodiversity conservation
5.	Dr. S. S. Rahangdale	Assistant Prof. in Botany, B. J. College, Ale	Medicinal Plants and Business Opportunities

33. Teaching methods adopted to improve student learning:

- **Field Visits:** Visits to Natural or Reserve Forest / Sacred Grove / Industries / Nurseries; involving Report writing and submission. Every year the field excursions and study tours are organized for the students, in which students record observations with respect to, Topography, Phytogeography, Ecological conditions, Species diversity, Faunal members related to the plants and their interrelationships. Students also compile the data generated and present it in the form of report.
- **Ecosystem studies:** Co-curricular activity assigned to the groups of interested students, involving, recording observations, identification of specimens, preparation of reports and presentation of findings of Ecosystem study. It is focused with creation of awareness among students through on hand practice and self learning of the Human-Nature interrelationship. This activity inculcates team work, leadership,

independence in the study, self respect and presentation skills in written and oral way among the students.

- **Plants of the Week:** Staff and Students contribute the plant specimens which are later displayed in the laboratory along with related information, such as scientific name, distribution, ecological note, and economic importance of the plant.
- **Interactive and Web Based Lectures:** Interactive and Web based lectures are arranged for students to show video clips/animations on subject topics.
- **Students' Seminars:** Every year the students are assigned some topics/themes to deliver seminar related to the subject. They prepare their presentation either on PPT or Lecture presentation and deliver the seminar in front of the classmates. The seminar has two parts, i) seminar talk of Five - Eight minutes and ii) discussion/suggestions from faculty and students on the seminar/presentation skill/lacunae/errors/mistakes committed during seminar by the speaker, etc. for Two minutes.
- **Group Discussions:** Students group discussion was organized on the present system of education. The students share their views as well as difficulties faced by them. They also suggest some modifications.
- **Poster Presentation:** Students present the posters and sketches on environment and subject related issues.
- **Multimedia:** Documentary / Processing videos are shown to the students on Polyhouse set up and Flower production and marketing.
- **Exhibitions:** Exhibitions of Photographs, Medicinal Plants, Books on Biodiversity, and Scientific themes are organized.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

A] Participation of the faculty in Institutional Social Responsibilities (ISRs):

Dr. S. R. Rahangdale is having following responsibilities beside the teaching and research projects.

- i. **Chairman**, NAAC criterion III: Research Consultancy and Extension.
- ii. **Academic and Research Coordinator (ARC)** of the college, appointed by University of Pune.
- iii. **Chairman**, Research Committee.
- iv. **Member**, IQAC of the college.
- v. **Member**, Building Committee, of the College.
- vi. Every year during 1-7 February is being celebrated as **Commemoration week of PDEA's Founders - Late Baburaoji Gholap and Late Mamasahab Mohol** with different activities and Dr. Rahangdale **coordinates** all the activities.
- vii. **Organizer**, of the **Science Exhibition** on the occasion of Late Yashvantrao Chavan and Late Sharadabai Pawar Birth Centenary Year 2012-13 Celebrations at A. W. College, Otur during 11th to 13th December 2012.
- viii. **Organizer** of the Science Exhibition on the occasion of Birth Anniversary of Hon. Sharadraoji Pawar, Union Minister for Agriculture, Government of India, at A. W. College, Otur on 12/12/2013.
- ix. Organized **Students Group Discussion** on behalf of the college on 03/02/2014.
- x. Dr. Rahangdale and Dr. S. K. Potdar Designed and successfully Implemented the **Tree Plantation Drive** in the College Campus with 90% plant survival rate.
- xi. On the occasion of **International Year of Forestry 2011**, a Poster presentation by students was organized on 08/02/2011.
- xii. All the assigned examination duties are discharged with care during each semester every year.

B] Extension activities:

1. Faculty as Expert Members/Resource Person on different Committees/Association of dealing with social responsibilities

Dr. S. R. Rahangdale is :-

- i. **Expert Member** of Eco-sensitive Zone Committee organized By Department of Forests, Government of Maharashtra for **Eco-Sensitive Zones around National Parks and Wildlife Sanctuaries (Bhimashankar Wildlife Sanctuary)**.

- ii. **Visiting Botanist for Ghod Project Division, Junnar, Department of Forests, Government of Maharashtra.**
- iii. **External Expert Resource Person for Angiosperms other than BSI Scientists at ENVIS, Biodiversity Portal, Ministry of Environment and Forests, Government of India. - www.bsienvis.nic.in**

2. Faculty members worked as Resource Person

Dr. S. R. Rahangdale :-

- i. **Given Training and Lectures on “Biodiversity study and Conservation”** to the participants of “Nature and Environment Camp” organized by River Valley Expedition & Research Society of India at Koyananagar during 25-27 Dec. 2008.
- ii. **Delivered Lecture and given training on “Conservation of Natural Resources”** to the NSS volunteers and villagers in NSS special camp organized at Ahinavewadi in December 2008.
- iii. **Training and Lecture to the NSS volunteers** about Survey of Biodiversity and its assessment Special NSS Camp at Pimpalgaon Joga on 22/12/2009.
- iv. **Expert lecture** in Wildlife Week on 5th and 6th October 2010 at Junnar and Awasari organized by Ghod Project Division, Junnar, Government of Maharashtra.
- v. **Worked as Resource person and delivered Lead Lecture on “Methods and Tools for Plant Identification”** in the **National Workshop on Survey of Medicinal Plants and Field Work in Western Ghats of Maharashtra** organized by Sharadchandra Pawar College of Pharmacy, Otur during 29-30 January, 2010.
- vi. **Delivered Expert lecture on “Biodiversity of Junnar Tehsil and its Conservation”** in Expert Lecture Series under Quality Improvement Program of BCUD, University of Pune organized by Baburaoji Gholap College, Sangvi, Pune on 16th March 2011.
- vii. **Participated and delivered Expert lecture** in one day workshop on **Ecosensitive Zone around National Parks and Wildlife Sanctuaries in Western Maharashtra**, at Yashada, Pune

- viii. **Training and Lecture** to the NSS volunteers about “**Survey of Biodiversity and conservation**” of it for sustainable development in Special NSS Camp at Mandave.
- ix. **Delivered a lecture** on ‘**Significance of Biological Diversity for human**’ at NSS Camp at Taleran village, organized by A. W. College Otur.
- x. **Delivered invited lecture** on “**Plant Diversity of Malshej Ghats and its Conservation**” in State Level Seminar on Recent Trends in Biodiversity, Global Warming and Biotechnology organized by Department of Zoology, Annasaheb Awate College, Manchar, during 3-4/02/2012.
- xi. **Judge for Poster Session III in International Symposium** and XXII Annual conference of IAAT, on ‘**Innovative Prospects in Angiosperm Taxonomy**’ organized by Dept. of Botany, Sant Gadge Baba Amravati University, Amravati, during 28-30,Oct. 2012
- xii. **Resource person and delivered Lead Lecture** on “**Plant Diversity and Endemism in the Bhimashankar Wildlife Sanctuary**” in one day workshop on Eco Sensitive Zone around National Parks and Wildlife Sanctuaries in Western Maharashtra, at Sports Complex Manchar organized by Department of Forests, Govt. of Maharashtra (16/06/2012)
- xiii. **Resource person** for Career Oriented Program in **Environment Management** at A. W. College Otur.
- xiv. **Training and Lecture to the NSS volunteers** about “**Biodiversity and Development of Diversity in the Crop plants**” in Special NSS Camp at Kopare.
- xv. Delivered **Invited Lecture** in Marathi – “*Adivasinha Aushadhi Khajina*” in ‘**Vrukshayurved**’ 2013 organized by Swapnangari Harbal Farm, at Pune on 26/01/2013
- xvi. Delivered **Invited Lecture** on “**Conservation of Plant Diversity – special reference to *Ceropegias***” in the Session **Jungle Lore** in **Kirloskar Vasundhara International Film Festival, Pune** during 25th Jan. to 2nd Feb. 2013 (30/01/2013).

- xvii. Training and Lecture to the NSS volunteers about '**Survey of Biodiversity and Conservation of it for Sustainable Development**' in Special NSS Camp held at the village Sitewadi on 17/12/2013.

C. Participation in Curricular activities

- i. Prof. S. S. Jagtap participated in the one day Workshop on " Discussion on B.Sc. Botany Draft Syllabus " at B. R. Gholap College, Sangavi, Pune on 6th Jan. 2007.
- ii. **Dr. S. K. Potdar** has Chaired a session on "Global Warming and Agriculture" in National Conference organized by Prof. Ramkrishna More College, Akurdi on 11th February 2012.
- iii. **Dr. S. K. Potdar** has worked as Paper Setter for M.Sc. Botany examination in October 2012, in University of Pune.
- iv. **Dr. S. K. Potdar** has worked as Paper Setter for B.Sc. Environmental Science examination in October 2012, in University of Pune.
- v. **Dr. S. R. Rahangdale** participated in "National Conference on NAAC Accreditation and Its' Implications" at Dr. D. Y. Patil College, Pimpri, Pune during 6-8 February 2012.
- vi. **Dr. S. R. Rahangdale** participated in one day workshop on **Designing the Revised Syllabus of F.Y.B.Sc. Botany**, University of Pune at PDEA's Anantarao Pawar College, Pirangut on 16/01/2013.
- vii. **Dr. S. R. Rahangdale** participated in one day workshop on **Revised Syllabus of FYBSc. Botany Practical**, at Abasaheb Garware College, Pune on 06/07/2013.
- viii. **Dr. S. R. Rahangdale** participated in one day workshop of Academic and Research Coordinators at University of Pune, on 23/10/2013.
- ix. **Dr. S. R. Rahangdale** participated in one day workshop on Quality Improvement Programme 2013-14 Cluster Colleges of University of Pune at BJS, Arts, Commerce & Science, College, Wagholi, Pune on 18/12/2013.
- x. **Dr. S. R. Rahangdale** participated in one day workshop on **Designing the Revised Syllabus of S.Y.B.Sc. Botany**, University of Pune at New Arts, Science, & Commerce, College, Parner on 20/12/2013.

D. Training programs

- i. **Dr. S. R. Rahangdale** successfully completed with Merit, **National Workshop on Botanical Latin**, organized by Botanical Survey of India, Kolkata, Ministry of Environment & Forests, Government of India at BSI Southern Circle, Coimbatore, during 17-24 January 2011.
- ii. **Dr. S. R. Rahangdale** participated in Training programs of General Parliamentary Election 2014 as Presiding Officer.

E. Consultancy/Social Services Provided by Faculty

- i. Department is providing the plant identification service to the students of Pharmacy from nearby institutions.
- ii. The Department of Forests is availing the services of **Dr. S. R. Rahangdale** for documentation and conservation of the biodiversity in the region.

F. Extension and dissipation of Knowledge to the society through Television / Newspaper Presentations:

- i) A television interview of Dr. S.R. Rahangdale on '**Assessment and conservation of Biodiversity**' taken by Mr. Avinash Pawar, TV Reporter, Star Maza and Mr. Raichand Shinde, TV Reporter, IBN Lokmat was broadcasted on '**Star Maza**' on 5th Dec. 2010.
- ii) A special article on the efforts taken by Dr. S.R. Rahangdale and Dr. S.S. Rahangdale for "**Development of Home garden by plantation of Wild plants, achieving conservation**" was written by Mr. Raichand Shinde, Reporter Daily **Prabhat**, was published on 3/2/2011.

The Detail information about the new weed, *Anoda cristata* (Family:- Malvaceae) was dissipated throughout the Maharashtra state considering its concern with the farmers of the state.

- i. An article on the '**Occurrence of Killer Weed- *Anoda***' in the Daily, **Pune Mirror** on 13/10/2013.
- ii. An article entitled, "***Shetakaryano Savdhan- Navin Tan Yetaya***" in Marathi daily, '**Sakal**' on 09/11/2013 to create Awareness amongst peoples about the characters, occurrence and distribution of new weed *Anoda cristata* with photographs and research methodology followed for the same, by Shri Bharat Awachat.

- iii. An article entitled, "*Junnar Bhagat Aadhalala Anoda Tanacha Pradurbhava*" in Marathi daily, 'Agrowon' on 26/12/2013 in **AgroVision** all over the Maharashtra to create Awareness amongst farming community of Maharashtra state about the characters, occurrence, reproduction, distribution and control measures of new weed *Anoda cristata* with photographs.
- iv. A special report entitled, "*Congress Gavatapathpath American Anodahi dakhal*" in Marathi daily, 'Maharashtra Times' on 30/12/2013 to create Awareness amongst peoples about the characters, occurrence and distribution of new weed *Anoda cristata* with photographs, by Shri Dharmendra Kore.
- v. A news/report entitled, "*Dr. Rahangdale Dampatyacha Gaurav - Vanaspatinvaril Shodhanibandhas Rashtriya Patalivaril Pratham Kramank*" about the M. Sabu Award received by Dr. Rahangdale, emphasizing the importance of their study on rock outcrops and the results highlighting the consideration of two locations as biologically separate entities while preparation of developmental plans. In the Daily **Sakal** on 09/01/2014.
- vi. A Comment note, "*Paryavaran preminkadun Swagat*" in response to the declaration of Ecologically Sensitive Areas in the Western Ghats by Government of India; to clear the doubts of common peoples. In the Marathi daily 'Pudhari' by Mr. Minanath Pansare, reporter daily 'Pudhari' in the special report on the Western Ghats – "*Jagar Jaivasampadecha*" on 22/03/2014.

35. SWOC analysis of the department and Future plans:

Strengths

1. Competent Faculty,
2. Good equipments,

3. Constant Student Flow,
4. Research Projects undertaken,
5. Publication of papers in the research journals of National and International Repute,
6. Consultancy Services to Forest Department, Govt. of Maharashtra and Pharmacy College,
7. Participation in AVISHKAR since 2008,
8. Faculty and students are involved in environment awareness programs,
9. Faculty as resource person to many seminars/workshops, etc.

Weakness

- i. Inadequate faculty,
- ii. No well furnished laboratory,
- iii. No faculty room,
- iv. No Third year level class,
- v. Laboratory with old design,
- vi. No botanical garden.

Opportunities

- i. Introduction of TY class,
- ii. Establishment of Botanical Garden
- iii. Renovation and upgradation of the laboratory,
- iv. Enrichment of Departmental library

Challenges

- i. Over loaded Practical Batches
- ii. No flexibility in the work schedule
- iii. Common Laboratory with Junior wing
- iv. Poor organization of the laboratory
- v. Insufficient faculty

Future plans

- i. Introduction of T.Y.B.Sc. Botany as the demand for the course is coming from the students.
- ii. Establishment of Botanical Garden is needed to provide on field exposure to the students in more elaborative way and also provides the aesthetic value to the institution.
- iii. Renovation and extension of laboratories is must as the students strength is increasing and more research oriented work is needed to satisfy the curiosity of the students.

II. Evaluative Report of the Departments of Chemisrty

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department:- **Chemistry**
2. Year of Establishment :- **1980**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated

Ph.D., etc.) \

Sr. No.	Course	Subject
1	B.Sc.	Chemistry
2	M.Sc.	Organic chemistry

4. Names of Interdisciplinary courses and the departments/units involved:- **Nil**

5. Annual/ semester/choice based credit system (programme wise)

Sr. No.	Program with	programmes
1	Annual Pattern	F.Y.B.Sc.
2	Semester Pattern	S.Y.B.Sc. T.Y.B.Sc.
3	Semester Pattern	M.Sc. (Organic Chemistry)

6. Participation of the department in the courses offered by other departments:- **Nil**

7. Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**

8. Details of courses/programmes discontinued (if any) with reasons:-

9. Number of Teaching posts

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	1	1
Asst. Professors	5	5

10. Faculty profile with name, qualification, designation, specialization,(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience
R. N. Shirsat	M. Sc.	Assistant Professor	Inorganic Chemistry	22
E. M. Kabadi	M. Sc. NET	Associate Professor	Physical Chemistry	20
N. L. Bhandari	M. Sc.	Assistant Professor	Organic	7

	M. Phil		Chemistry	
D. A. Sonawane	M. Sc. NET	Assistant Professor	Organic Chemistry	5
M. H. Moulavi	M. Sc. NET	Assistant Professor	Organic Chemistry	5
Y. D. Kaldante	M. Sc. NET	Assistant Professor	Organic Chemistry	2
S. R. Dumbre	M. Sc. NET	Lecturer	Organic Chemistry	1
S. S. Tambe	M. Sc.	Lecturer	Physical Chemistry	1

11. List of senior visiting faculty:-

Dr. D. R. Shinde (S. R. M. College, Akurdi),

Dr. Ramabhau Pawar, B. R, Gholap College, Sangavi

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty

UG:- Nil,

PG:- Theory 40 %, Practical 60 %,

13. Student -Teacher Ratio (programme wise):-

UG :- 46: 1

PG :- 6:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:-

Administrative staff :- Nil

Academic support staff (technical) :-

Technical Staff	Sanctioned	Filled
Laboratory Assistant	01	01
Laboratory Attendant	05	03

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr. No.	Name	Qualification
1	R. N. Shirsat	M. Sc.

2	E. M. Kabadi	M. Sc. NET
3	N. B. Bhandari	M. Sc. M. Phil
4	D. A. Sonawane	M. Sc. NET
5	M. H. Moulavi	M. Sc. NET
6	Y. D. Kaldante	M. Sc. NET
7	S. R. Dumbre	M. Sc. NET
8	S. S. Tambe	M. Sc.

M. Phil:- 01

PG:- 07

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:-

Sr.No.	Name of the principle Investigator	Title	Funding Agencies	Amount sanctioned	Year
1	M.H.Moulavi	ransition metal dopped Nanocrystalline MgO to Wittig olefination	UGC	170000/-	2012-2014

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received

Sr.	Name of the principle Investigator	Title	Funding Agencies	Amount sanctioned	Year
1	Dr. V.M. Shinde	Physicochemical Study of Organometallic complexes	UGC	50000/-	2003-2005
2.	Dr. M.G. Chaskar	Catalysis	UGC	1000000/-	2006-2009

18. Research Centre /facility recognized by the University:- Nil

19. Publications:

* a) Publication per faculty :-

* Number of papers published in peer reviewed journals (national / international)

by faculty and students :- National = 02

Dr.V.M.Shinde

Name of Journal	Volume	Name of Paper
Rasayan Journal of Chemistry	Vol. 1, No 2 (2008) 337-341	Synthesis, Characterization and Biological studies of cobalt complexes with bidentate Schiff bases
Research journal of Chemistry and Environment	Vol. 12 (3), Sep. 2008	Studies of complexes of Schiff's bases with nickel and copper Metal ion

Prof. N.L. Bhandari

Seminar / Workshop/	Level	Organising Institute & Place	Date	Subject
Conference	International	Solapur	21-24, Jan. 2012	Poster presentation in "Synthesis of D-gulo- and L-manno homonojirimycin from D-glucose"
Seminar	State	B.J. College, Ale	30,31 Aug 2013	Application of Chemistry in Drug synthesis & drug design
Conference	National	C.B/ Khedgi's college Akkalkote	18-19 Dec. 2013	Poster presentation on one pot microwave assisted synthesis of β - cyclodextrin derivatives
Conference	International	Satara	10-11 Jan 2013	Poster presentation

Prof. M.H. Moulavi

Seminar Workshop	Level	Organising Institute & Place	Date	Subject
Seminar	University	B. J. College Ale	23rd Sep. 2008	Roll of PMR and Mass spectroscopy in modern organic Chemistry

Seminar	International	Mumbai University	14-16 Feb 2011	Supramolecular Chemistry and nano-materials
Seminar	National	Panadharpur	17-18 sep 2012	Oral presentation in Synthesis and Characterization of Nanocrystalline MgO : an efficient catalyst to Wittig reaction
Conference	International	solapur	2-3 nov 2012	Poster presentation in Synthesis and Characterization of Nanocrystalline Cu-MgO : an efficient catalyst to Wittig reaction
Presentation	Zonal	BCUD PUNE	12 Dec. 2012	Aavishkar 2012
Conference	International	Satara		

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) :- **Nil**

* **Monographs**

* Chapter in Books

Dr. V.M. shinde

Sr No.	Name of Book	Class	Publisher	Year
1	Practical Chemistry	T. Y. B. Sc.	Nirali Publication, Pune	2004-2005
1	Analytical Chemistry	T. Y. B.Sc.	Nirali Publication, Pune	2004-2005

*

* Books Edited

* Books with ISBN/ISSN numbers with details of publishers

* Citation Index

* SNIP

* SJR

- * Impact factor
- * h-index
20. Areas of consultancy and income generated :- Nil
21. Faculty as members in :- **Nil**
 a) National committees b) International Committees c) Editorial Boards....
22. Student projects :- **Nil**
 a) Percentage of students who have done in-house projects including inter departmental/programme :-
 b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies
23. Awards/ Recognitions received by faculty and students:-
 Recognitions received by faculty = 02
24. List of eminent academicians and scientists/ visitors to the department:-
Prof. M. S.. Wadia Eminent academicians from Department of Chemistry, University of Pune
25. Seminars/ Conferences/Workshops organized & the source of funding
1) National Seminar
 Title of Seminar :- Application of catalysis in day to day life.
 Dates of Seminar :- 24th, 25th March 2005
 Total no. of participant :- 75
 Total amount sanctioned by UGC :- Rs.45000/-
 Total Expenditure :- Rs.170000
 Total no. Papers :-20

Resource Persons:-

Sr. No.	Name of the Resource Persons	Institute/ College
1	Dr. Vijay Bhatkar	
2	DR. K.S.Jain	Sinhgad college of Pharmacy, Pune
3	Dr. Rajiv Kumar	NCL, Pune

4	Vinay Gore	Merck, Panwel
5	N.N. Gupta	NCL, Pune
6	Dr. Parshuram Jayshankar	IICB,CSIR, Kolkatta
7	Ashok Bhosale	SGRS College Saswad

2) State Level Workshop

Title of Workshop :- Identification of adulteration in food.

Dates of Workshop :- 9th Feb, 2012

Total no. of participant :- 130

Total amount sanctioned by BCUD :- Rs.20000/-

Total Expenditure :- Rs.19924/-

Resource Persons:-

Sr. No.	Name of the Resource Persons	Institute/ College
1	Dr. K.G.Kanade	B.O.S. member, pune university
2	Shri. Ilgar Ashok	Food Inspector, Ahmadnagardistrict

26. Student Profile Programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
T. Y. B. Sc.					
2004-2005	42	42	17M:25F		90 %
2005-2006	55	55	37M:18F		83.63 %
2006-2007	34	34	17M;17F		70.50 %
2007-2008	59	59	36M:23F		78.33 %
2008-2009	35	35	19M:16F		68.57 %
2009-2010	39	39	26M:13F		69.23 %
2010-2011	25	25	12M:13F		96 %
2011-2012	42	42	22M:20F		57.14 %
2012-2013	75	75	37M:38F		60.00 %

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled *M *F	Pass percentage
M. Sc. Organic Chemistry				
2009-2010	25	25	11M:14F	52.00 %
2010-2011	24	24	12M:12F	33.33 %
2011-2012	21	21	12M : 09F	28.57%
2012-2013	23	23	13M:10F	34.78 %

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B. Sc.	100 %	Nil	Nil
M. Sc.	100 %	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?

Sr. No.	Competitive Examinations	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
1	NET					01	01	02		01	
2	SET										
3	GATE						01		01		
4	Civil Services										
5	Defense Services										

29. Student progression

Student progression	Against % enrolled	

Student progression	Against % enrolled									
	2004-05	2005-06	2006-07	2007	2008	2009	2010	2011	2012	2013
				-08	-09	10	11	12	13	14
UG to PG	30.60	35.45	28.00	66.	62.2	62.9	74.0	88.0	50	70.7
PG to M.Phil.	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
PG to Ph.D.	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Ph.D. to Postdoctoral	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Employed Campus selection Other than campus recruitment										
Entre./Selfemp.										

30. Details of Infrastructural facilities

a) Library: Central library consisting of about 6929 text and reference books costing

around Rs. 712663 with more than 400 titles.

b) Chemistry Journals & Periodicals printed = 03

Chemistry Journals & Periodicals N-LIST = 29

b) Internet facilities for Staff & Students: Internet facility is available to staff and Students in department as well as in central library.

c) Class rooms with ICT facility: Central facility, whenever required used by Department.

d) Laboratories: Total No of laboratories 06 with total area 5024 sq. ft.

i) Lab-1: Main lab (Old)- 1433 Sq. ft. (with store and teacher room)

ii) Lab-2: Physical lab (Old)-1334 sq. ft.

- iii) Lab-3: Main lab (New): 757 sq. ft.
 iv) Lab-4: Inorganic Chem. Lab (New): 500 sq. ft.
 v) Lab-5: Organic Chem. Lab (New): 500 sq. ft.
 vi) Lab-6 :- Physical lab (New) 500 sq.ft.

Laboratory is equipped with following instruments

Sr.No.	Name of the equipment	Quantity
1	Conductometer	4
2	Colorimeter	4
3	Potentiometer	5
4	Spectrophotometer	2
5	Refractometer	5
6	Turbidometer	1
7	Nephelometer	1
8	Polarimeter	2
9	Rotary Evaporator	1
10	Microwave Oven	1
11	Muffle Furnace	1
12	Flash point apparatus	1
13	Ignition point apparatus	1
14	Lactometer	1
15	Flame photometer	1
16	Vacuum pump	5
17	Electronic balance	5
18	Hydrothermal Reactor	1
19	Computers	3
20	Printer	1
21	UV-cabinet	1
22	Heating Mantle	10
23	Electrical water bath	3
24	Soil and water analysis kit	1
25	GM counter	1
26	Voltage Stabilizer	02
27	Melting Point Apparatus (Digital)	04
28	Magnetic Stirrer	05
29	Water Bath	02
30	Hot Plates	06

31. Number of students receiving financial assistance from college,

university, government or other agencies

Year / Class	F. Y. B. Sc.	S. Y. B. Sc.	T. Y. B. Sc.	M. Sc.
2004-05				
2005-06				
2006-07				
2007-08				
2008-09				
2009-10				
2010-11				
2011-12				
2012-13				
2013-14				

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Guest Lectures Arranged

Date Lecture	Name of Lecturer	Name of the Topic
23/12/2006	Dr. Shirsat (Panwel)	Psychology of Student
30/12/2006	Mr. Jivan Yewale, USA	Research in America
	Mr . Waykar	Competative Exam
24/10/2010	Satish Shelake,Akole	Technique of Study
	Dr. M. S. Wadia	Spectroscopy
	Dr. M. S. Wadia	Natural Products, Biogenesis
27,28,29 Jan 2011	Archana Patil	Art of Living
	Dr. Vilas Pol	Opportunities of employment in foreign contries
23-26 Jan 2011	Dept. of Chemistry	Essay Writing, General Knowledge test, Poster Presentation Competition
2012-13	Prof Shinde Rajkumar	MBA – Guidance
	Dr. Sanjay Borhade Sweeden	Carrier Guidance
06/01/2014	Santosh Khokarale,Denmark	Carrier Guidance
06/02/2014	Amol Tambe, Ganesh Abale Mrs, mali, MBA College, Otur	MBA –CET Guidance
28/02/2014	Dr. Shirsat R. N. , Goa University	Theoretical Chemistry

33. Teaching methods adopted to improve student learning

- 1) Use of PPT
- 2) Use of Chart and models
- 3) Practical demonstration
- 4) Industrial tours

Year	date	Name of industry	Total Number of Students Participated
2004-2005	16/02/2005	MIDC, Sinnar	45
2006-2007	02/12/2006	MERK industry	44
2007-2008	02/12/2007	MIDC Vadgaon kandali	55
2008-2009	30/01/2009	MYLAN Industry, Panvel	48
2009-2010	20/01/2010	Arati Drugs and Chemicals, Tarapur	43
2010-2011	03,04,05 Feb 2011	Watsson, Cipla MIDC Ambernath	47
2011-2012	19/01/2012	Deepak Fertilisers and Petrochemicals LTD. Taloja	38

5) Chemiad Examination

Year	Date OF Exam.	Total Number of Students appeared for Exam
2005-2006	01/01/2006	76
2006-2007	07/01/2007	43
2007-2008	13/01/2008	48
2008-2009	Feb 2009	46
2009-2010	31/01/2010	87
2010-2011	16/01/2011	80
2011-2012	22/01/2012	98
2012-2013	20/01/2013	87

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- i) Students participate in extension activities like NSS, NCC, Blood donation camp, Sport activities.
- ii) Participation of students in AVISHKAR research project Competition organized by Pune University (Yevale Rohit C. (2010-11), Pawar Sagar D. (2012-13).
- iii) Participation of PG students(10) in state level seminar organized by Ramkrishna More College, Akurdi (March 2013) and Balasaheb Jadhav college, Ale (Aug 2013)
- iv) Participation in state level lecture competition organized by New Arts Science and commerce college, Partner, Dist:- A.Nagar(Gunjal Ganesh)

35. SWOT analysis of the department and Future plans.

A) Strength

Location- College is located in Rural and Hilly area. But from establishment there is never problem of student strength because of good educational reputation of college and department.

Sufficient infrastructure such as Laboratories (6 laboratories with total area of 4100 sq. Ft.), well equipped laboratories.

Highly qualified, dedicated and experienced faculty.

Central library consisting of about 775 reference books with more than 400 titles cost about Rs 6,50,000/-, Four Research Journals related to chemistry, and e-Journals.

B) Weakness

1) No research Center

2) Due to attraction of professional courses and their easy availability around the

Pune, enrollment of average and below average students takes place at entry point of UG and PG courses.

3) As PG course is not permanently recognized by university and UCG it is difficult to employ permanent faculty for PG course.

Opportunities:

- Expansion of PG courses other than existing M. Sc. Organic course.
- To develop well known research center for chemistry affiliated to Pune University.
- To develop collaboration with nearby industries and research centers.
- To arrange campus interviews for placement.
- To promote research, augmentation of laboratory facilities is needed.
- To appoint permanent and qualified faculty for M. Sc. Organic Chemistry.

Challenges:

- To attract scholar students for UG and PG courses.
- To improve quality of students so that they will qualify competitive examinations such as NET, CSIR, SET, GATE, etc.
- To develop research interest among the students particularly in basic science
- To develop departmental Library
- To enrich laboratory with advanced equipments
- To establish research center

36. Future Plans:

- 1) Expansion of laboratory particularly separate lab for research.
- 2) To introduce self funded, short term courses in chemistry.
- 3) To introduce PG diploma course in Analytical chemistry.
- 4) To introduce additional PG courses.
- 5) To establish research center affiliated to home University.

III. Evaluative Report of the Department of COMMERCE

Vision:

'Acquire Excellence in Commerce Education with Changing Business Scenario.'

Mission:

To impart higher education in commerce to the students especially in cost and works accounting and encourage them to make carrier therein.

Departmental Profile:

Department of commerce is functioning from the academic year 1972 for the promotion of higher education in commerce in the region of Junnar Taluka as well as nearby talukas. The department is constantly striving to equip the students with knowledge and skills and enable them to hunt for professional courses like C.A., I.C.W.A, M.B.A, I.C.A. and C.S. as well as become successful entrepreneurs. Over the last 41 years, it is playing an important role in the academic development of the students through the syllabi of University of Pune revised from time to time. It is also cementing gaps of knowledge from the curriculum and the actual knowledge of economic and business activities in the changing scenario.

The department is trying to accommodate the increasing number of students, who would like to seek admission especially to cost and works accounting as a special paper. It is now becoming a center of attraction for students who would like to make their career by opting the Cost and Works Accounting as a special subject at under graduate and post graduate level.

1. Name of the department: **DEPARTMENT OF COMMERCE**
2. Year of Establishment: June,1972
3. Names of Programmes / Courses offered :

Sr. No.	Under Graduate		Sr. No.	Post –Graduate (Self-financing)
	Aided	Self-financing		
1.	F.Y.B.Com.	F.Y.B.Com. #	1	M.Com. Semester-I
2.	S.Y.B.Com.	---	2	M.Com. Semester-II
3.	T.Y. B.Com.	----	3	M.Com. Semester-III
4.			4	M.Com. Semester-IV

started in the year 2011-12

4. Names of Interdisciplinary courses and the departments/units involved

The department is not conducting any independent interdisciplinary course for the students. However, certain subjects of other disciplines are already

integrated by the University in the existing course structure for B.Com and M.Com they have been taught by the faculties of the respective departments.

Sr. No.	Name of the course/Units	Name of Dept. Involved	Name of the Programme	Level
1	Environmental Awareness	Geography	S.Y.B.Com	Under Graduate
2.	Business economics (Micro)	Economics	F.Y.B.Com.	Under Graduate
3.	Business economics (Macro)	Economics	S.Y.B.Com	Under Graduate
4.	Indian & Global Economic Development	Economics	T.Y.B.Com	Under Graduate
5.	Functional English	English	F.Y.B.Com.	Under Graduate
6.	Additional Marathi	Marathi	F.Y.B.Com.	Under Graduate
7.	Industrial Economics	Economics	M.Com Sem-II	Self-financing
8.	Global Economic Environment	Economics	M.Com Sem-IV	Self-financing

5. Annual/ semester/choice based credit system (programme wise)

Sr. No.	Name of Programme	Patten of Programme	Level
1.	F.Y.B.Com.	Term End with Annual Pattern	U.G.
2.	S.Y.B.Com.	Term End with Annual Pattern	U.G.
3.	T.Y. B.Com.	Term End with Annual Pattern	U.G.
4	M.Com. Part- I	Semester with choice based credit system [#]	P.G.
5	M.Com. Part-II	Mid Semester with Annual Pattern	P.G.

#. Started from the Year 2013-14

6. Participation of the department in the courses offered by other departments

Two faculty members of the department are giving their participation in the teaching of the following courses since last three years.

Sr. No.	Name of the course	Nature of course	Offering Department	Name of the faculty member
---------	--------------------	------------------	---------------------	----------------------------

1	Environmental Management	Career Oriented	Geography	Dr. Khandare M.B. Prof. Langade S.S.
2.	Soft-Skills Development	University Short Term	English	Dr. Khandare M.B. Prof. Langade S.S.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

NIL

8. Details of courses/programmes discontinued (if any) with reasons

NIL

9. Number of Teaching posts

Nature of post	Sanctioned by			Filled
	Government	Santha	Total	
Professors	Nil	Nil	Nil	Nil
Associate Professors	02	Nil	02	02
Asst. Professors	01	02	03	03

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience (in Years)	No. of Ph.D. Students guided
Dr. Dumbre G. M.	M. Com., M. Phil., Ph.d	Associate Professor	1.Adv. Accounting and Auditing 2. Advanced Cost Accounting	29 years	Nil
Dr. Khandare M.B.	M. Com., M. Phil., Ph.d	Associate Professor	1.Adv.Accounting and Auditing 2. Advanced Cost Accounting	18 years	Nil
S.S. Langade	M. Com., SET	Assistant Professor	1.Advanced Accounting and Auditing	07 years	Nil
K. Kaldante	M. Com., NET	Assistant Professor (Ad-hoc)	1.Advanced Cost Accounting	01 year	Nil

S. P. Gunjal	M. Com., B. Ed.	Assistant Professor (temporary)	1.Advanced Cost Accounting	1 year	Nil
A. G. Momin	M. Com.,	Assistant Professor (temporary & visiting)	Advanced Cost Accounting	10 years	Nil

11. List of senior visiting faculty

Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty

Year	Programme	Total workload	Workload taken by the temporary faculty	Percentage
2008-09	B. Com	56	Nil	Nil
	M. Com	32	04	12.50%
2009-10	B. Com	56	Nil	Nil
	M. Com	32	12	37.50%
2010-11	B. Com	56	Nil	Nil
	M. Com	32	04	12.50%
2011-12	B. Com	56	Nil	Nil
	M. Com	32	08	25.00%
2012-13	B. Com	72	16	22.22%
	M. Com	32	12	37.50%
2013-14	B. Com	72	16	22.22%
	M. Com	32	12	37.50%

13. Student -Teacher Ratio (programme wise)

Year	Programme	Total strength	Total No. of teachers	Ratio
2004-05	B. Com	226	03	75:1
2005-06	B. Com	262	03	87:1
2006-07	B. Com	264	03	88:1
2007-08	B. Com	283	03	94:1
2008-09	B. Com	270	03	90:1
	M. Com	11	04	3:1
2009-10	B. Com	278	03	93:1
	M. Com	33	06	6:1
2010-11	B. Com	289	03	96:1

	M. Com	63	05	13:1
2011-12	B. Com	377	03	126:1
	M. Com	51	05	10:1
2012-13	B. Com	396	04	99:1
	M. Com	46	06	8:1
2013-14	B. Com	409	04	102:1
	M. Com	65	04	16:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

No independent staff either supportive (technical) or administrative has not been sanctioned or filled up to 2012-13. However, the services of academic support staff (technical) and administrative staff of the college are taken by the department.

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr. No.	Name	Designation	Qualification
1	G. M. Dumbre	Associate Professor	M. Com., M. Phil., Ph.d
2	M.B. Khandare	Associate Professor	M. Com., M. Phil., Ph.d

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received.

Name of faculty	Nature of Project	Agency	Period	Grants received
Dr. Dumbre G.M.	Minor	UGC	2 years	Rs. 35000

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received. - NIL

18. Research Centre /facility recognized by the University.

There is no an independent Research Center or facility recognized by the university to the department. However, the department has two faculty

members having university recognition for guiding M.Phil and Ph. d students.

19. Publications:

a) Publication per faculty

- Number of papers published in peer reviewed journals (national / international) by faculty

Name of faculty	No. of papers published in Peer reviewed Journals	
	International	National
Dr. G. M. Dumbre	-	-
Dr. M.B. Khandare	02	-
Mr. S.S. Langade	-	-

- No. of papers published in Journals with ISBN/ ISSN:
(See Annexure-I)
- Number of papers published in Proceedings of seminars, conferences etc.
(See Annexure-I)
- Number of publications listed in International Database (For e.g.: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): NIL
- Monographs : NIL
- Chapters in Books (See Annexure- I)

Name of faculty	Number of Books having ISBN/ ISSN	Number of Books not having ISBN/ ISSN
Dr. G. M. Dumbre	15	02
Dr. M.B. Khandare	03	01
Mr. S.S. Langade	-	-

- Books Edited : NIL
- Books with ISBN/ISSN numbers with details of publishers: (See Annexure-I)
- Citation Index

- SNIP
- SJR
- Impact factor
- h-index

20. Areas of consultancy and income generated

Two faculty members rendering consulting services to few local credit cooperative societies in the areas of management without any honorarium

21. Faculty as members in

- a) National committees b) International Committees c) Editorial Boards....

Dr. G. M. Dumbre	All India Commerce Association, New Delhi Maharashtra commerce Association, Mumbai
Dr. M.B. Khandare	All India Commerce Association, New Delhi Maharashtra commerce Association, Mumbai

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme:

As per the syllabus structure of B. Com. and M. Com. programmes, students of S.Y.B.Com and M.Com. Semester –IV must done projects.

The percentage of such students for the last four years is given as under.

Details	B.Com.				M.Com			
	2010-11	2011-12	2012-13	2013-14	2010-11	2011-12	2012-13	2013-14
Total Strength	289	377	395	409	63	51	46	65
No. of Students who have done projects	92	141	114	155	33	26	14	17
Percentage	32%	37%	29%	38%	52%	51%	30%	26%

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies : **NIL**

23. Awards/ Recognitions received by faculty and students: NIL

24. List of eminent academicians and scientists/ visitors to the department.

	Academicians /Visitors	Designation	College	Purpose
2009-10				
1.	Dr.B.R.Sangle	Dean of Commerce university of Pune	S. M. Joshi College, Pimpri	State Seminar
2	Prin. Dr. S. U. Jadhavar	Chairmen Business Law Board	S.C.College, Vadgaon Budruk	State Seminar
3	Dr. Sanjay Kaptan	Head Dept. of Commerce	UOP	State Seminar
4	Prin. Dr.G.T.Sangle	B.O.S. Business Administration	A.C.S. Collge, Shirval	State Seminar
5	Dr. A.H. Gaikwad	Member B.O.S. Accountancy and Member of Faculty of Commerce	Malpani college, Sangamneer	State Seminar
6	.Dr. Suhas Mahajan	Head Department of commerce	Ness Wadia College, Pune	State Seminar
7	Dr. S.N. Nanavare	Member Faculty of Commerce	A.M.College, Hadapsar	State Seminar
8	Prin. Dr. A. A. Bhand	Professor	A.C Collge, Rahuri	Local Inquiry committee
9	Prin. S.N. Gambhire	Associate Professor	A.C.S. College, Mirajgaon	Local Inquiry committee
10	Dr. A. D. Jain	Associate Professor	Institute of Mgt. A' Nagar	Local Inquiry committee
11	Dr. R.V. Bhailume	Associate Professor	C.T.Bora College, Shirur	Local Inquiry committee
12	Dr. S. G. Babar	Associate Professor	New ASC college, A'Nagar	Local Inquiry committee
2010-11				
1.	Prin. Dr. Kishor Pawar	Professor	ASC College, Cidco,	Local Inquiry

			Nashik	committee
2	Dr.B.D.Khedkar	Member, B.O.S. Economics	K.T.H.M.College, Nashik	Local Inquiry committee
3	Smt. Ashlesha Mungi	Associate Professor	S.P.College, Shardanagar	Local Inquiry committee
2011-12				
1	Dr. G. L. Bhong	Dean Mental Morale	A.G.College, Pune	Local Inquiry committee
2	Prin. Dr. A. P. Patil	Professor	ASC College, Ozar, Nashik	Local Inquiry committee
3	Prof. A. K. Pandharkar	Associate Professor	ASC college, A'Nagar	Local Inquiry committee
4	Dr. Shivaji Takalkar	Member B.O.S. Business Laws	ASC college, Narayangaon	Local Inquiry committee
5	Prin. Sanjeeve Late	Professor	Amruteshwar College, Winzar	Local Inquiry committee
2011-12				
1	Prin. D. B. Date	Professor	B.J.Collge, Ale	Local Inquiry committee
2	Dr. P. B. Kale	Member, B.O.S. Mathematics and Statistics	A.W.College, Manchar	Local Inquiry Committee
3	Dr. J. R. Mulla	C.A., Member B.O.S. Business Laws	S.S.C.Junnar	Local Inquiry committee
4	Dr. Bachhav	Associate Professor	ASC college, Lonavala	Local Inquiry committee
2012-13				
1	Mr. Sanjay Gandhi	Rotariyan	Rotary club Pune	Guest Lecture
2	Mr. Vivek Valvankar	Rotariyan	Rotary club Pune	Guest Lecture

3	Mr. Shrikant Mohite	Rotariyan	Rotary club Pune	Guest Lecture
2013-14				
1	Dr. M. M. Jadhav	Member B.O.S. Mathematics and Statistics	S.S.C.College, Junnar	Guest Lecture
	Dr. Shivaji Takalkar	Member B.O.S. Business Laws	ASC college, N'gaon	Guest Lecture
3	Dr. A.H. Gaikwad	Vice- Principal, Member B.O.S. Accountancy & Faculty of Commerce	Malpani college, Sangamneer	Guest Lecture
4	Dr. Dumbre Vaishali	D.G.O	Dnyanprabhodini Institute Pune	Guest Lecture
5	Prof. Kasture Yogesh	Associate Professor	Dnyansagar Institute of Mgt. and Research Pune	M.B.A. Guidance
6	1. Samata Bhandare , 2. Hashawardhan Karhe. 3. Vinesh Kahire	Trainers	Edgu. Bridge Institute Pune	Short term Course

25. Seminars/ Conferences/Workshops organized & the source of funding

The department of Commerce has organized a one day State Level Seminar on the topic **“Commerce Education in Changing Scenario: Challenges and Opportunities”** in the year 2010 with the funding of University Grant Commission. 85 teachers working in the various colleges spread over the entire State of Maharashtra participated in the seminar. Out of which 35 teachers have been presented their research papers.

26. Student profile programme/course wise:

1. F.Y.B.COM.

Year	Applications received	Selected	Enrolled		Pass percentage
			Male	Female	

Year	Applications received	Selected	Enrolled		Pass percentage
			Male	Female	
2004-05	119	119	94	25	87.50%
2005-06	123	123	87	36	73.91%
2006-07	95	95	62	33	89.88%
2007-08	109	109	71	38	85.41%
2008-09	101	101	67	34	65.82%
2009-10	130	130	80	50	67.27%
2010-11	135	135	62	73	86.82%
2011-12	148	132	62	70	87.56%
2012-13	173	120	39	83	84.70%
2013-14	166	119	45	73	Awaited

2. S.Y.B.COM

Year	Applications received	Selected	Enrolled		Pass percentage
			Male	Female	
2004-05	62	62	47	15	84.74%
2005-06	89	89	65	24	94.25%
2006-07	87	87	51	36	90.24%
2007-08	97	97	62	35	85.00%
2008-09	91	91	58	33	87.80%
2009-10	77	77	43	34	74.32%
2010-11	92	92	44	48	91.32%
2011-12	141	141	55	86	85.16%
2012-13	114	114	59	55	71.42%
2013-14	155	155	53	102	Awaited

3. T.Y.B.COM.

Year	Applications received	Selected	Enrolled		Pass percentage
			Male	Female	

Year	Applications received	Selected	Enrolled		Pass percentage
			Male	Female	
2004-05	44	44	32	12	60.46%
2005-06	48	48	35	13	61.90%
2006-07	82	82	63	19	93.05%
2007-08	78	78	49	29	81.42%
2008-09	78	78	42	36	64.78%
2009-10	76	76	51	25	70.12%
2010-11	62	62	33	29	82.14%
2011-12	88	88	48	40	82.85%
2012-13	102	102	40	69	66.00%
2013-14	88	88	45	43	Awaited

5. M.COM.

Year	Applications received	Selected	Enrolled		Pass percentage
			Male	Female	
2009-10	11	11	08	03	33.33 %
2010-11	33	33	13	20	21.42 %
2011-12	26	26	11	15	77.27 %
2012-13	14	14	03	11	78.57 %
2013-14	17	17	09	08	Awaited

- Diversity of Students:** There is no diversity of students since the students from the same state have been enrolled to all the programmes offered by the department during the period 2004-05 to 2013-14

	% of students from the same state	% of students from other States	% of students from abroad
F.Y.B.Com.	100%	Nil	Nil
S.Y.B.Com.	100%	Nil	Nil
T.Y.B.Com.	100%	Nil	Nil
M.Com.-I	100%	Nil	Nil

M.Com.-II	100%	Nil	Nil
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27. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?

Year	NET,	SLET	GATE	Civil services	Defense services
2009-10	-	-	-	01	-
2010-11	01	-	-	04	-
2011-12	-	-	-	02	-
2012-13	01	-	-	04	-
2013-14	-	-	-	03	-

28. Student progression

Student progression	Against % enrolled				
	2009-10	2010-11	2011-12	2012-13	2013-14
UG to PG	32%	32%	21%	35%	37%
PG to M. Phil.	-	-	1%	2%	-
PG to Ph.D.	-	-	-	-	-
Ph.D. to Post-Doctoral	-	-	-	-	-
Employed : Campus selection				-	05%
: Other than campus recruitment	03%	08%	18%	31%	17%
Entrepreneurship/Self-employment	53%	51%	52%	28%	34%

29. Details of Infrastructural facilities

- a. **Library:** There are nearly 35980 books in the central library for the commerce faculty. Beside, the department shortly handling a separate library for P.G. students from 2013-14.
- b. **Internet facilities for staff and students:**

College has Lease line connection, one terminal form the same are available to the faculty. The students use the common internet facility of the college and terminal of the department whenever necessary.

- c. **Total number of class rooms:** 6 class rooms are used out of the 24 available.
- d. **Class rooms with ICT facility:** Common hall with ICT facility is available in the College which is used by the department whenever needed.
- e. **Laboratories:** A separate commerce lab is available for enriching the practical knowledge of the students. 15 computers on LAN have been installed in the year 2014.
- f. **Number of students receiving financial assistance from college, university, government of other agencies:** NIL

30. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts:

Special and Remedial lectures have organized by the department every year for F.Y., S.Y., T.Y B.Com and M.Com students under special guidance scheme as well as college guidance programme . The details of the same for the last four years are given below

2009-10

- a. 'Business Taxation, for T.Y.B.Com, by Dr. J.R. Mulla (Chartered Accountant), S.S.C. College Junnar.
- b. 'Consumer Protection and Right to Information' by Dr. Takalkar S.D. Arts, commerce and Science College, Narayangoan.
- c. 'Business Mathematics', for F.Y. B. Com, by Dr, Jadhav M.M. BOS – Mathematics and Statistics, S.S.C. College Junnar.

2010-11

- i. 'Auditing and Taxation', for T.Y.B.Com by Prof. P.R. Mokal , B.D. Kale College,Ghodegaon.
- ii. 'Corporate Accounting', for S.Y.B.Com, by Dr. by Dr. J.R. Mulla

(Chartered Accountant), S.S.C. College Junnar.

- iii. 'Financial Accounting' for F.Y.B.Com, by Dr. Takalkar S.D. Arts, commerce and Science College, Narayangaon.
- iv. 'Derivative of Functions', for F.Y.B.Com, Prof. Gurav R. G. By B.M.C.C. College, Pune.
- v. 'Business Mathematics', for F.Y. B. Com, by Lohote R.M. B.J. College,Ale.
- vi. 'Business Statistics', for F.Y. B. Com, by A.G. Momin, Dr. D.R. Kakade College, Pimpalwandi.

2011-12

1. 'Financial Accounting', for F.Y.B.Com, by Dr. by Dr. J.R. Mulla (Chartered Accountant), S.S.C. College Junnar.
2. 'Cost and Works Accounting-I' for S.Y.B.Com, by Dr. Takalkar S.D. Arts, commerce and Science College, Narayangaon.
3. 'Cost and Works Accounting-III' for T.Y.B.Com, by Dr, Jadhav M.M, S.S.C. College Junnar.
4. Business Statistics', for F.Y. B. Com, by A.G. Momin, Dr. D.R. Kakade College, Pimpalwandi.
5. 'Currency trading Awareness' for all B,Com students ,by Mr. Nalawade Chandrakant and Arjun Kebari ,FOREX Ready Money,Mumbai.
6. 'Professional Courses- C.A., ICWA, ICS,CPA.MBA', for all B.Com students, by Dr. Khandare M.B. A.W. College, Otur.
7. 'Employment Opportunities and Graduates' for all B.Com students, by Dr. Shaikh A.A. A.W. College, Otur.

2012-13

1. 'CPM and PERT, for M.Com by Prof. Gurav R. G. By B.M.C.C. College, Pune.
2. Guidance for competitive Examination by Mr. M. Thorat

3. Lecture by Smt. Jadhav on 'Save Daughter'.
4. Practical Exercises against Natural Calamities have been given to the students under Disaster Management of the State by NDRC, Talegaon Dabhade .
5. Virtual Lecture on 'Water Literacy and Water Conservation 'by Dr. Rajendra Sinha has arranged through the R.M. College Akurdi.
6. Lecture on 'Career Opportunities of Commerce Students in Information Technology' by Mr. Sanjay Gandhi, Vivek Valvankar and Shashikant Mohite, Rotary Club Main Alephata

2013-14

1. 'Pre-Requisites to Mathematics' By Dr. Jadhav M.M., S.S.C. College, Junnar.
2. 'Royalty Account', Dr. Takalkar Arts, Commerce and Science College, Narayangaon.
3. 'Management Skills', by Dr. Dumbre G.M. Head, department of Commerce.
4. 'Choice Based Credit System for P.G. Courses', by Dr. Arun Gaikwad , Vice- Principal and Member, Academic Council, Pune University, Pune.
5. 'Competitive Examinations', jointly organized by dept. of Commerce and Placement Cell of the College.
6. 'Sex Education', for all B.Com students Dr. Smt.Dumbre Vaishali, Dyanprabhodhani Institute, Pune.
7. 'Opportunities in Banking Companies', by Mr. Labade Hashvardhan, Bhosari.

31. Teaching methods adopted to improve student learning

In addition to the Lecture Method the following teaching methods are used to improve students' learning:

1. Self Assignment

2. Internal Test
3. Power Point Presentation.
4. Models and Charts
5. Group Discussions
6. Class Room Seminars.

32. Participation in Institutional Social Responsibility (ISR) and Extension activities:

All the faculty members participated actively in Institutional Social Responsibility (ISR) and Extension activities at college level as University level. The Details about them are:-

Name of the Faculty	Participation in (ISR) and Extension Activities
1.Dr. Dumbre G.M.	<ul style="list-style-type: none"> • Chairman, BOS Bachelor of Business Administration, University of Pune. • Member, Academic Council and Faculty of Commerce, University of Pune. • Member of Board of Studies in-Business Law, University of Pune • Member of Commerce faculty-University of Pune (2001 to 2006 & 2005-2010) • Vice-Principal, Head of the Department A.W. College, Otur. • Chairman-Board of paper setter-Pune University (S.Y. & T.Y.B.com.-Business Law Taxation & Auditing). • Member, Local Inquiry Committee for affiliation. • Chairman, Local Inquiry Committee for affiliation • Chairman-Board of paper setter-Pune University (M.Com. - Commercial Laws& Practice). • Chairman B. B. A.-Business laws and Direct Tax.

	<ul style="list-style-type: none"> • Chairman & Member in Various Committees at A. W. College, Otur, Library, Discipline, NAAC, Time-Table, Gathering, NSS etc. • Coordinator- Commerce Association, A. W. College, Otur • Subject Expert for Selection Committee of Pune University. • Chairman-Vigilance Squad, North Pune District Zone-Pune University. • Co-coordinator-T.Y. B.Com Practical Examination Pune Dist-Pune University. • Assistant coordinator “Environment Awareness” of S.Y.B.com Class. • Associate NCC Officer from 1990-91 to 2007-08 • Chairman-Business Law Board-Subcommittee for Framing Syllabus for Diploma in Taxation P.G. Level- July- 2006, B.Com. & M.Com Classes.
<p>2.Dr. Khandare M.B.</p>	<ul style="list-style-type: none"> • Paper Setter and Moderator-Board of paper setter-Pune University (F.Y.S.Y T.Y.B.Com and M.Com) • Member and of Local Inquiry Committee of University for affiliation. • Subject expert of University Selection Committees. • Member in the Restructuring of Bachelor of Business Administration Syllabus BBA- Sem-I. • Member-Business Law Board-Sub-committee for Framing Syllabus for Diploma in Taxation P.G. • Chairman and Member in Various Committees at A.W. College, Otur, commerce Association, NAAC, Time-Table, Gathering, Sports, Library, etc. • Member, Exam. Committee, at A.W. College, Otur • Senior Supervisor – University Examinations • Member-Vigilance Squad, North Pune District Zone-Pune University
<p>3.Prof. Langade S.S.</p>	<ul style="list-style-type: none"> • Examiner for Central Assessment programme- F.Y. T.Y. B.Com. • Member – College Committees- Exam. Committee, Placement cell, Admission Committee, NAAC, Sports,

	<p>Library, etc</p> <ul style="list-style-type: none"> • Senior Supervisor – University Examinations • Subject expert of University Selection Committee • Chief Programme Officer of NSS. • Member of Commerce Association • Assistant coordinator “Environment Awareness” of S.Y.B.com Class • Member, Soft-Skill Development Programme. • Member, L.M.C.at A.W. College, Otur.
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33. SWOC analysis of the department and Future plans.

A. STRENGTHS:

- Three well qualified and experienced faculty Members with department.
- Two faculty members recognized as Guides for M. Phil/ Ph. D by the University.
- One faculty Member is a Chairman of Board of Studies of Bachelor of Business Administration and a member of Faculty of Commerce and Academic Council, University of Pune.
- Under graduate and Post Graduate programmes with specialized subject of Cost and Works Accounting.
- Well developed Commerce Lab with 15 Computers on LAN
- Running B. Com. & M. Com. Self-financing programmes to accommodate increasing strength of the students.

B. WEAKNESSES:

- High Students-Teacher Ratio of UG programmes as compared to other programmes
(e. g. Science programmes).
- No ladies teaching faculty with the department.
- No Independent Academic Support and Administrative Staff with the Department.

C. OPPORTUNITIES:

- Garner maximum strength of students by starting S.Y. and T.Y. B.Com self-financing programmes after getting affiliation to natural growth from the university.
- Conduct bridge course especially in Accounting and Taxation through the external professional institutions since university prescribed computer based practicals in the syllabus of S.Y. and T.Y. B.Com.
- Arrange induction lectures for S.Y. B.Com students in order to make them familiar with the revised syllabus to be effected from 2014-15.

D. CHALLENGES:

- To make Appointment of qualified teaching faculty in appropriate number through the University Selection Committee for self- financing programmes and retain them.
- To maintain the strength of students up to the intake capacity especially for P.G. Credit System Programme since university offered such programmes with annual Pattern by charging marginal fees.
- To maintain Student-Teacher Ratio up to the mark particularly at undergraduate programmes.

E. FUTURE PLANS:

- Appointment of qualified teaching faculty (including ladies staff) through the university Selection Committee for self- financing programmes.
- Organize expert lectures for S.Y.B. Com students to exonerate them with the revised syllabus to be effected from 2014-15.
- Hiring technical guidance from the experts especially for undergraduate students regarding Computerized Accounting.
- Organize one day workshop on “prospects of Income Tax” in proposed DTC for T.Y.B.Com students.
- Organize one day Computer Training Programme for students to be admitted newly to F.Y.B.Com programme.

- Commence the “Bachelor of Vocational in Retail Management”, if the proposal thereof as submitted will be sanctioned by the UGC.

IV. Evaluative Report of the Department of Economics

1. Name of the department : **Economics**

2. Year of Establishment : 1974-75

3. Names of Programmes / Courses offered :

Courses	Pattern	Year of Commencement
B.A.	Annual	1970
M.A.	Semester	2010

4. Names of Interdisciplinary courses and the departments/units involved: Nil

5. Annual/ semester/choice based credit system (programme wise)

Sr.No.	Pattern With	Programmes
Annual Pattern	80:20	F.B.Y.A.
Annual Pattern	80:20	S.Y.B.A./T.Y.B.A.
Semester Pattern	80:20	M.A.

6. Participation of the department in the courses offered by other departments:

- Faculty of Economics Department participates in teaching activities of B.Com & M. Com. Courses.
- Soft skill and personality development programme

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

Nil

8. Details of courses/programmes discontinued (if any) with reasons: Nil

9. Number of teaching posts

Designation	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	02	02

10. Faculty profile with name, Qualification, Designation, Specialization:

Name	Qualification	Designation	Specialization	Experience (years)
Dr.Sandipan Gavhale	M.A.NET. Ph.D.	Asst. Professor	Economics	12
Prof.Ramesh Kashide	M.A.SET. Ph.D. Regd- July- 2012	Asst. Professor	Economics	07
Prof.Mohan Kambale [C.H.B.]	M.A.NET. Ph.D. Regd-	Asst. Professor	Economics	02

11. List of senior visiting faculty: Prof. Fulsundar S.M. [A.S.C. College ,Narayangaon]

12. Percentage of lectures delivered and practical classes handled (programme wise)

by temporary faculty : UG:- NIL PG:- Theory 25%

13. Student -Teacher Ratio (programme wise) :

[B.A.]

YEAR	CLASS	SUBJECT	GIRLS	BOYS	TOTAL	RATIO	Number of faculty
2013-14	F.Y.B.A	ECONOMICS [G-1]	52	184	236	1:118	2
2013-14	S.Y.B.A.	ECONOMICS [SPL]	14	32	46	1:23	2
2013-14	S.Y.B.A.	ECONOMICS[G-2]	23	58	81	1:41	2
2013-14	T.Y.B.A.	ECONOMICS [SPL]	18	20	38	1:19	2
2013-14	T.Y.B.A.	ECONOMICS [G-3]	32	28	60	1:30	2
2013-14	F.Y.B.CO M	B.ECONOMICS	87	79	166	1:78	2
2013-14	S.Y.B.CO M	B.ECONOMICS	96	59	155	1:78	2
2013-14	T.Y.B.CO M	ECONOMICS	43	45	88	1:44	2

YEAR	CLASS	SUBJECT	GIRLS	BOYS	TOTAL	RATIO	Number of faculty
2012-13	F.Y.B.A	ECONOMICS [G-1]	44	187	257	1:129	2
2012-13	S.Y.B.A.	ECONOMICS [SPL]	19	32	51	1:26	2
2012-13	S.Y.B.A.	ECONOMICS [G-2]	40	55	95	1:48	2
2012-13	T.Y.B.A.	ECONOMICS [SPL]	21	15	36	1:18	2
2012-13	T.Y.B.A.	ECONOMICS [G-3]	30	26	56	1:28	2
2012-13	F.Y.B.CO M	B.ECONOMICS	83	39	122	1:61	2
2012-13	S.Y.B.CO M	B.ECONOMICS	55	59	144	1:72	2
2012-13	T.Y.B.CO M	ECONOMICS	69	40	109	1:55	2

YEAR	CLASS	SUBJECT	GIRLS	BOYS	TOTAL	RATIO	Number of faculty
2011-12	F.Y.B.A	ECONOMICS [G-1]	83	180	263	1:132	2
2011-12	S.Y.B.A.	ECONOMICS [SPL]	24	31	55	1:28	2
2011-12	T.Y.B.A.	ECONOMICS [SPL]	22	17	39	1:20	2
2011-12	F.Y.B.CO M	B.ECONOMICS	70	62	132	1:66	2
2011-12	S.Y.B.CO M	B.ECONOMICS	55	86	141	1:71	2
2011-12	T.Y.B.CO M	ECONOMICS	40	48	88	1:44	2

YEAR	CLASS	SUBJECT	GIRLS	BOYS	TOTAL	RATIO	Number of faculty
2010-11	F.Y.B.A	ECONOMICS [G-1]	81	137	218	1:109	2
2010-11	S.Y.B.A.	ECONOMICS [SPL]	26	22	48	1:24	2
2010-11	S.Y.B.A.	ECONOMICS [G-2]					
2010-11	T.Y.B.A.	ECONOMICS [SPL]	20	13	33	1:42	2
2010-11	T.Y.B.A.	ECONOMICS [G-3]	33	50	83	1:17	2
2010-11	F.Y.B.CO M	B.ECONOMICS	73	62	135	1:68	2
2010-11	S.Y.B.CO M	B.ECONOMICS	44	48	92	1:23	2
2010-11	T.Y.B.CO M	ECONOMICS	29	33	62	1:31	2

YEAR	CLASS	SUBJECT	GIRLS	BOYS	TOTAL	RATIO	Number of faculty
2009-10	F.Y.B.A	ECONOMICS [G-1]	96	177	273	1:137	2
2009-10	S.Y.B.A.	ECONOMICS [SPL]	27	14	41	1:21	2
2009-10	S.Y.B.A.	ECONOMICS [G-2]	48	49	97	1:49	2
2009-10	T.Y.B.A.	ECONOMICS [SPL]	25	16	41	1:21	2
2009-10	T.Y.B.A.	ECONOMICS [G-3]	41	32	73	1:37	2
2009-10	F.Y.B.CO M	B.ECONOMICS	50	81	131	1:66	2
2009-10	S.Y.B.CO M	B.ECONOMICS	34	43	77	1:39	2
2009-10	T.Y.B.CO M	ECONOMICS	25	51	76	1:38	2

YEAR	CLASS	SUBJECT	GIRLS	BOYS	TOTAL	RATIO	Number of faculty
2008-09	F.Y.B.A	ECONOMICS [G-1]	108	138	246	1:123	2
2008-09	S.Y.B.A.	ECONOMICS [SPL]	24	24	48	1:24	2
2008-09	S.Y.B.A.	ECONOMICS [G-2]	43	50	93	1:47	2
2008-09	T.Y.B.A.	ECONOMICS [SPL]	23	13	36	1:18	2
2008-09	T.Y.B.A.	ECONOMICS [G-3]	34	21	55	1:28	2
2008-09	F.Y.B.COM	B.ECONOMICS	34	67	101	1:51	2
2008-09	S.Y.B.COM	B.ECONOMICS	33	58	91	1:46	2
2008-09	T.Y.B.COM	ECONOMICS	36	42	78	1:39	2

YEAR	CLASS	SUBJECT	GIRLS	BOYS	TOTAL	RATIO	Number of faculty
2007-08	F.Y.B.A	ECONOMICS [G-1]	91	130	221	1:111	2
2007-08	S.Y.B.A.	ECONOMICS [SPL]	36	21	57	1:29	2
2007-08	T.Y.B.A.	ECONOMICS [SPL]	15	23	38	1:19	2
2007-08	T.Y.B.A.	ECONOMICS [G-3]					
2007-08	F.Y.B.COM	B.ECONOMICS	29	49	78	1:39	2
2007-08	S.Y.B.COM	B.ECONOMICS	37	71	108	1:54	2
2007-08	T.Y.B.COM	ECONOMICS	35	62	97	1:49	2

YEAR	CLASS	SUBJECT	GIRLS	BOYS	TOTAL	RATIO	Number of faculty
2006-07	F.Y.B.A	ECONOMICS [G-1]	100	114	214	1:107	2
2006-07	S.Y.B.A.	ECONOMICS [SPL]					
2006-07	S.Y.B.A.	ECONOMICS [G-2]					

2006-07	T.Y.B.A.	ECONOMICS [SPL]					
2006-07	T.Y.B.A.	ECONOMICS [G-3]					
2006-07	F.Y.B.CO M	B.ECONOMICS	33	62	95	1:48	2
2006-07	S.Y.B.CO M	B.ECONOMICS	36	51	87	1:44	2
2006-07	T.Y.B.CO M	ECONOMICS	19	63	82	1:41	2

YEAR	CLASS	SUBJECT	GIRLS	BOYS	TOTAL	RATIO	Number of faculty
2005-06	F.Y.B.A	ECONOMICS [G-1]	95	159	254	1:127	2
2005-06	S.Y.B.A.	ECONOMICS [SPL]	28	27	55	1:28	2
2005-06	S.Y.B.A.	ECONOMICS [G-2]					
2005-06	T.Y.B.A.	ECONOMICS [SPL]	13	17	30	1:15	2
2005-06	T.Y.B.A.	ECONOMICS [G-3]					
2005-06	F.Y.B.CO M	B.ECONOMICS	36	87	123	1:62	2
2005-06	T.Y.B.CO M	ECONOMICS	38	12	50	1:25	2

YEAR	CLASS	SUBJECT	GIRLS	BOYS	TOTAL	RATIO	Number of faculty
2004-05	F.Y.B.A	ECONOMICS [G-1]	104	140	244	1:122	2
2004-05	S.Y.B.A.	ECONOMICS [SPL]	21	26	47	1:24	2
2004-05	S.Y.B.A.	ECONOMICS [G-2]					

2004-05	T.Y.B.A.	ECONOMICS [SPL]	04	09	13	1:07	2
2004-05	T.Y.B.A.	ECONOMICS [G-3]					
2004-05	F.Y.B.CO M	B.ECONOMICS	24	96	120	1:60	2
2004-05	S.Y.B.CO M	B.ECONOMICS	14	48	62	1:31	2
2004-05	T.Y.B.CO M	ECONOMICS	12	32	44	1:22	2

14. Number of academic support staff (technical) and administrative staff;

Technical staff	Sanctioned	filled
Peon	---	---

15. Qualifications of teaching faculty with D.Sc./ D.Litt / Ph.D./ M.Phil./PG.

Name	Qualification
Dr.Sandipan Gavhale	M.A.NET. Ph.D.
Prof.Ramesh Kashide	M.A.SET. Ph.D. Regd- July 2012
Prof.Mohan Kambale [C.H.B.]	M.A.NET.Ph.D. Regd-

16. Number of faculty with ongoing projects from a) National b) International

Funding agencies and grants received: NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: (01)

➤ Ongoing major research project

Project Director	Title of Project	Funding agency	Date of Commencement	Amount
Dr. S. R. Gavhale	Socio-economic study of Pardhi Community in Rajasthan & Gujarat State	ICSSR	1 jan,2014	11,00,000

➤ Major research project Purposed to UGC of Dr. Sandipan Gavhale

18. Research Centre /facility recognized by the University : Nil

19. Publications:

A] Publication per faculty

Sr.No.	Name of the faculty	University	State	National	International	Project
4	Dr.Sandipan Gavhale	-	--	--	--	01 On Going
5	Prof.Ramesh Kashide	--	--	05	01	--
6	Prof.Mohan Kambale	-	--	--	--	--

B] Number Of Paper Published In Peer Reviewed Journal [National /International]

No.	year	Name of the faculty	Title of paper	Name of journal with ISSN No.Vol, page no. issues.
1	NIL	Dr.Sandipan Gavhale	NIL	NIL
2	NIL	Prof.Ramesh Kashide	NIL	NIL
3	NIL	Prof.Mohan Kambale	NIL	NIL

C] Chapter in Book

No.	year	Name of the faculty	Title of paper	Name of journal with ISSN No.Vol, page no. issues.
1	NIL	Dr.Sandipan Gavhale	NIL	NIL
2	NIL	Prof.Ramesh Kashide	NIL	NIL
3	NIL	Prof.Mohan Kambale	NIL	NIL

D] Article Published In Journal

No.	year	Name of the faculty	Title of paper	Name of journal with ISSN No.Vol, page no. issues.
1	NIL	Dr.Sandipan Gavhale	NIL	NIL
2	NIL	Prof.Ramesh Kashide	NIL	NIL

3	NIL	Prof.Mohan Kambale	NIL	NIL
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E] Full paper Published In conference/ seminar

No.	year	Name of the faculty	Title of paper	Name of journal with ISSN No.Vol, page no. issues.
1	NIL	Dr.Sandipan Gavhale	NIL	NIL
2	NIL	Prof.Ramesh Kashide	NIL	NIL
3	NIL	Prof.Mohan Kambale	NIL	NIL

F] Paper Present in Seminar, Conference.

Sr.No.	Name of the faculty	Universit y	State	National	International	Total
4	Dr.Sandipan Gavhale.	01	03	NIL	NIL	NIL
5	Prof.Ramesh Kashide.	01	7	5	NIL	NIL
6	Prof.Mohan Kambale.	NIL	NIL	NIL	NIL	NIL

20. Areas of consultancy and income generated yes : Nil

21. Faculty as members in

a) National committees : Nil

b) International Committees : Nil

c) Editorial Boards : Nil

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental

/ Programme –

B. A. : **100 % students**

M. A. : **100% students**

b) Percentage of students placed for projects in organizations outside the

Institution i.e.in Research laboratories/Industry/other agencies: Nil

23. Awards/ Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/ visitors to the department: Nil

25. Seminars/ Conferences/Workshops organized & the source of funding: Nil

26. Student profile programme/course wise:-

YEAR	CLASS	SUBJECT	GIRLS	BOYS	Application Received	SELECTED	TOTAL
2013-14	F.Y.B.A	ECONOMICS [G-1]	52	184	236	236	236
2013-14	S.Y.B.A.	ECONOMICS [SPL]	14	32	46	46	46
2013-14	S.Y.B.A.	ECONOMICS[G-2]	23	58	81	81	81
2013-14	T.Y.B.A.	ECONOMICS [SPL]	18	20	38	38	38
2013-14	T.Y.B.A.	ECONOMICS [G-3]	32	28	60	60	60
2013-14	F.Y.B.COM	B.ECONOMICS	87	79	166	166	166
2013-14	S.Y.B.COM	B.ECONOMICS	96	59	155	155	155
2013-14	T.Y.B.COM	ECONOMICS	43	45	88	88	88

YEAR	CLASS	SUBJECT	GIRLS	BOYS	Application Received	SELECTED	TOTAL
2012-13	F.Y.B.A	ECONOMICS [G-1]	44	187	257	257	257
2012-13	S.Y.B.A.	ECONOMICS [SPL]	19	32	51	51	51
2012-13	S.Y.B.A.	ECONOMICS [G-2]	40	55	95	95	95
2012-13	T.Y.B.A.	ECONOMICS [SPL]	21	15	36	36	36
2012-13	T.Y.B.A.	ECONOMICS	30	26	56	56	56

		[G-3]					
2012-13	F.Y.B.CO M	B.ECONOMICS	83	39	122	122	122
2012-13	S.Y.B.CO M	B.ECONOMICS	55	59	144	144	144
2012-13	T.Y.B.CO M	ECONOMICS	69	40	109	109	109

YEAR	CLASS	SUBJECT	GIRLS	BOYS	Application Received	SELECTED	TOTAL
2011-12	F.Y.B.A	ECONOMICS [G-1]	83	180	263	263	263
2011-12	S.Y.B.A.	ECONOMICS [SPL]	24	31	55	55	55
2011-12	T.Y.B.A.	ECONOMICS [SPL]	22	17	39	39	39
2011-12	F.Y.B.CO M	B.ECONOMICS	70	62	132	132	132
2011-12	S.Y.B.CO M	B.ECONOMICS	55	86	141	141	141
2011-12	T.Y.B.CO M	ECONOMICS	40	48	88	88	88

YEAR	CLASS	SUBJECT	GIRLS	BOYS	Application Received	SELECTED	TOTAL
2010-11	F.Y.B.A	ECONOMICS [G-1]	81	137	218	218	218
2010-11	S.Y.B.A.	ECONOMICS [SPL]	26	22	48	48	48
2010-11	S.Y.B.A.	ECONOMICS					

		[G-2]					
2010-11	T.Y.B.A.	ECONOMICS [SPL]	20	13	33	33	33
2010-11	T.Y.B.A.	ECONOMICS [G-3]	33	50	83	83	83
2010-11	F.Y.B.CO M	B.ECONOMICS	73	62	135	135	135
2010-11	S.Y.B.CO M	B.ECONOMICS	44	48	92	92	92
2010-11	T.Y.B.CO M	ECONOMICS	29	33	62	62	62

YEAR	CLASS	SUBJECT	GIRLS	BOYS	Application Received	SELECTED	TOTAL
2009-10	F.Y.B.A	ECONOMICS [G-1]	96	177	273	273	273
2009-10	S.Y.B.A.	ECONOMICS [SPL]	27	14	41	41	41
2009-10	S.Y.B.A.	ECONOMICS [G-2]	48	49	97	97	97
2009-10	T.Y.B.A.	ECONOMICS [SPL]	25	16	41	41	41
2009-10	T.Y.B.A.	ECONOMICS [G-3]	41	32	73	73	73
2009-10	F.Y.B.CO M	B.ECONOMICS	50	81	131	131	131
2009-10	S.Y.B.CO M	B.ECONOMICS	34	43	77	77	77
2009-10	T.Y.B.CO M	ECONOMICS	25	51	76	76	76

YEAR	CLASS	SUBJECT	GIRLS	BOYS	Application Received	SELECTED	TOTAL
2008-09	F.Y.B.A	ECONOMICS [G-1]	108	138	246	246	246
2008-09	S.Y.B.A.	ECONOMICS [SPL]	24	24	48	48	48
2008-09	S.Y.B.A.	ECONOMICS [G-2]	43	50	93	93	93
2008-09	T.Y.B.A.	ECONOMICS [SPL]	23	13	36	36	36
2008-09	T.Y.B.A.	ECONOMICS [G-3]	34	21	55	55	55
2008-09	F.Y.B.CO M	B.ECONOMICS	34	67	101	101	101
2008-09	S.Y.B.CO M	B.ECONOMICS	33	58	91	91	91
2008-09	T.Y.B.CO M	ECONOMICS	36	42	78	78	78

YEAR	CLASS	SUBJECT	GIRLS	BOYS	Application Received	SELECTED	TOTAL
2007-08	F.Y.B.A	ECONOMICS [G-1]	91	130	221	221	221
2007-08	S.Y.B.A.	ECONOMICS [SPL]	36	21	57	57	57
2007-08	T.Y.B.A.	ECONOMICS [SPL]	15	23	38	38	38
2007-08	T.Y.B.A.	ECONOMICS [G-3]					
2007-08	F.Y.B.CO	B.ECONOMICS	29	49	78	78	78

	M						
2007-08	S.Y.B.CO M	B.ECONOMICS	37	71	108	108	108
2007-08	T.Y.B.CO M	ECONOMICS	35	62	97	97	97

YEAR	CLASS	SUBJECT	GIRLS	BOY S	Application Received	SELECT ED	TOTAL
2006-07	F.Y.B.A	ECONOMICS [G-1]	100	114	214	214	214
2006-07	S.Y.B.A.	ECONOMICS [SPL]					
2006-07	S.Y.B.A.	ECONOMICS [G-2]					
2006-07	T.Y.B.A.	ECONOMICS [SPL]					
2006-07	T.Y.B.A.	ECONOMICS [G-3]					
2006-07	F.Y.B.CO M	B.ECONOMICS	33	62	95	95	95
2006-07	S.Y.B.CO M	B.ECONOMICS	36	51	87	87	87
2006-07	T.Y.B.CO M	ECONOMICS	19	63	82	82	82

YEAR	CLASS	SUBJECT	GIRLS	BOY S	Applicatio n Received	SELECTE D	TOTAL
2005-06	F.Y.B.A	ECONOMICS	95	159	254	254	254

		[G-1]					
2005-06	S.Y.B.A.	ECONOMICS [SPL]	28	27	55	55	55
2005-06	S.Y.B.A.	ECONOMICS [G-2]					
2005-06	T.Y.B.A.	ECONOMICS [SPL]	13	17	30	30	30
2005-06	T.Y.B.A.	ECONOMICS [G-3]					
2005-06	F.Y.B.CO M	B.ECONOMICS	36	87	123	123	123
2005-06	T.Y.B.CO M	ECONOMICS	38	12	50	50	50

YEAR	CLASS	SUBJECT	GIRLS	BOYS	Application Received	SELECTED	TOTAL
2004-05	F.Y.B.A	ECONOMICS [G-1]	104	140	244	244	244
2004-05	S.Y.B.A.	ECONOMICS [SPL]	21	26	47	47	47
2004-05	S.Y.B.A.	ECONOMICS [G-2]					
2004-05	T.Y.B.A.	ECONOMICS [SPL]	04	09	13	13	13
2004-05	T.Y.B.A.	ECONOMICS [G-3]					
2004-05	F.Y.B.CO M	B.ECONOMICS	24	96	120	120	120
2004-05	S.Y.B.CO M	B.ECONOMICS	14	48	62	62	62

2004-05	T.Y.B.CO M	ECONOMICS	12	32	44	44	44
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Result Of B. A.

S.N.	YEAR	PERCENTAGE
1	2004-05	83.33
2	2005-06	66.00
3	2006-07	90.24
4	2007-08	92.00
5	2008-09	81.00
6	2009-10	95.00
7	2010-11	95.00
8	2011-12	86.84
9	2012-13	84.84

Result Of M.A.

SR.NO.	YEAR	CLASS	ADMISSION FOR THE YEAR	SUBJECT	GIRLS	BOYS	TOTAL	RATIO	
1.	2010-11	M.A.	FRIST	ECONOMICS	20	05	25	1:13	
2.	2010-11	M.A.	SECOND	ECONOMICS	02	07	09	1:5	
3.	2011-12	M.A.	FIRST	ECONOMICS	04	04	08	1:4	
4.	2011-12	M.A.	SECOND	ECONOMICS	10	04	14	1:7	
5.	2012-13	M.A.	SECOND AND SECOND	ECONOMICS	06	08	14	1:7	
6.	2013-14	M.A.	FRIST	TOTAL	ECONOMICS	08	11	19	1:10
			FRIST	REGULAR	ECONOMICS	04	04	06	1:3

			FRIST	CREDIT	ECONOMICS	06	07	13	1:7
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Result M.A.

S.N.	Year	Pass	Fail	Total	%
1	2010-11	05	01	06	83.33
2	2011-12	13	02	15	86.66
3	2012-13	06	01	07	85.71

27. Diversity of Students:

Name Of The Course	%Of Students From The Same State	% Of Students From Other State	% Of Students From Abroad
B.A.	100%	NIL	NIL
M.A.	100%	NIL	NIL

28. How many students have cleared national and state competitive examinations? such as

S.N	Strength			Total
		Male	Female	
1	SET	-	-	Nil
2	NET	-	-	Nil

3	Civil services	02	-	02
4	Defence Services (Police)	03	02	05
5	Teacher	04	04	08
5	Private Sector	03	-	03
6	Business	03	-	03

29. Student progression

Stream	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
UG to PG		01				06	07	12	15
MSW						01			
MBA					01		01		

B.ed							01	01	
Modelling							01		
PG to M. Phil								01	
M.Phil.to Ph. D									
Ph.D to Post- Doctoral									

- ⊙ Campus selection : Nil
- ⊙ Other than campus recruitment : Nil
- ⊙ Entrepreneurship/Self-employment: 02

30. Details of Infrastructural facilities

a) Library: i) Central library facility

Sr.No.	Available Books	Total Quantity	Total Price
1	e-books	493	--
2	e- journal	71	--
3	Book of economics[text& references]	3891	3,19,266=00
4	Printed journal	09	8086=00

b) Internet facilities for Staff

c) Class room

31. Number of students receiving financial assistance from college, university, Government or other agencies 2004-05 to 2013-14

SC, ST and Other backward Class students getting regular Government Scholarship.

A] Government financial assistance.

B] College financial assistance.

C] University financial assistance.

32. Details on student enrichment programmes (special lectures / workshops /Seminar)

With external experts

1. Workshop on Budget literacy.

33. Teaching methods adopted to improve student learning

1] Students Seminar

2] Groups Discussions

3] Use Charts and Graphs

4] Essay Writing

5]A part from this tutorial system has been functioning in department.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Faculty and students of the Department are involved in NSS Programme, Student Welfare Programme, Earn and Learn Scheme, Study tours.

35. SWOC analysis of the department and Future plans.

Strength:

1. Highly Qualified Staff
2. Research base activities
3. Adequate Infrastructural facilities.
4. To Conduct special lectures / workshops /Seminar with external experts.

Weakness:

- **No Departmental Library**
- **No Research Lab.**
- **No Independent Department**
- **Difficulties in providing a global platform to the students.**

Opportunities:

- To improve the academic standard of the academically weaker students using remedial teaching.
- To set up a placement cell at departmental level for UG & postgraduate students.

Challenges:

- Future plan: -Plan to start Add on Course on such as “Advance use of Microsoft”

V. Evaluative Report of the Department English

It is a matter of to be proud that in 1970, the first Science College in Junnar taluka was established in Otur at Grampanchayat level. The location of the college is rural as well as backward.

The Department of English was started when English was introduced at special level during the academic year 1973-74. If we compare the situation in the beginning to the present it is indeed prideful to say that Department of English has been developed from all angles. For the improvement of the students the department arranges various programmes, activities, seminars in every academic year. Students also enthusiastically participate in these activities. The department has good tradition of scholar faculty and satisfactory results. One of our faculty members Dr. Ashok Chaskar has achieved the post of Dean of Arts and Fine Arts Faculty in University of Pune. A former faculty member Dr. Ashok Thorat has become a Director of a well-known institute in Pune.

1. Name of the Department:- ENGLISH
2. Year of Establishment :- B.A -1973
M.A. - 2008
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Courses	Pattern	Year of commencement
B.A. ENGLISH	Annual System	1973
M.A. ENGLISH	Semester System	2008

4. Names of Interdisciplinary courses and the departments/units involved:-

Sr. No.	Name of the Department	Name of the Certificate course	Year of Commencement	UGC Funding
01	English	Communicative English	2008-09	Rs.7,00,000/-

5. Annual/ semester/choice based credit system (programme wise)

Sr.No.	Pattern	Programmes
1	Annual Pattern	F.Y.B.A
2	Annual Pattern	S.Y.B.A. T.Y.BA..
3	Semester Pattern	M.A.

6. Participation of the department in the courses offered by other departments:-

Soft Skills and Personality Development Programme

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Nil

8. Details of courses/programmes discontinued (if any) with reasons:- Nil

9. Number of Teaching posts

Designation	Sanctioned	Filled
Professors	Nil	Nil
Associate	-	-
Asst. Professors	03	03

10. Faculty profile with name, qualification, designation, specialization,(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sr.No.	Name	Qualifications	Designation	Specialization	No. of years of Experience	No. of Ph.D.Students guided for the last 4 years
01	K.D. Sonawane	M.A.M.Phil	Assistant Professor	Indian Writing in English	20 Yrs.	-----
02	A.K. Londhe	M.A.SET Ph.D.	Assistant Professor	Stylistics and Linguistics	09 Yrs	-----

		(Regd.)				
03	Dr. R.G. Sarode	M.A. M.Phil. Ph.D.	Assistant Professor	American and Indian Lit.	03 Yrs	-----

11. List of the senior visiting faculty:-

Sr.No.	Name of the Faculty	Name of the Institution
01	Dr. Anand B.Kulkarni	ASC College, Narayangaon.
02	Prof. S.K.Joshi	SSC College, Junnar.
03	Prof.Ghegade S.I.	Savitribai Arts College Pimpalgaon Pisa.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

Sr. No.	Name of the Faculty	Name of the Institution	Percentage %
01	Dr.Anand B.Kulkarni	ASC College, Narayangaon.	10
02	Prof. S.K.Joshi	SSC College, Junnar.	15
03	Prof.Ghegade S.I.	Savitribai Arts College Pimpalgaon Pisa	25

13.Student -Teacher Ratio (programme wise):-

Year	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
Student Strength									
No. of Faculty	03	03	03	03	03	03	03	03	03
Ratio for total strength of department									
Strength FY	271	284	277	293	289	312	318	316	319
Ratio	1:90	1:95	1:92	1:98	1:96	1:103	1:106	1:105	1:106

F.Y.B.A.									
Strength SY	195	171	241	194	200	191	198	196	205
Ratio S.Y.B.A.	1:65	1:57	1:80	1:65	1:67	1:64	1:66	1:65	1:68
Strength T.Y.B.A.	155	161	170	202	170	151	163	142	162
Ratio T.Y.B.A.	1:52	1:54	1:57	1:67	1:57	1:50	1:54	1:47	1:54
F.Y.B.Com	120	123	95	108	101	131	135	153	169
Ratio	1:40	1:41	1:32	1:36	1:34	1:44	1:45	1:51	1:56
Strength of S.Y B. Sc.	31	08	19	12	15	14	17	27	20
Ratio	1:10	1:3	1:6	1:4	1:5	1:5	1:6	1:9	1:7

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:-

Administrative staff: - Nil

Academic support staff (technical) :- Nil

Technical Staff	Sanctioned	Filled
Peon	----	-----

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr.No.	Name	Qualification	Designation
01	Mr.K.D. Sonawane	M.A. M.Phil.	Assistant Professor
02	Mr.A.K.Londhe	M.A.SET Ph.D .	Assistant Professor

03	Dr. R. G. Sarode	M.A. M.Phil. Ph.D.(Regd.).	Assistant Professor
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16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: - Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received Nil

18. Research Centre /facility recognized by the University:- Nil

19. Publications:

* a) Publication per faculty :-

Name of Faculty	Journal	National	International	ISSN/ISBN
Prof.Sarode R.G.	Visions International	01	01	ISSN2319.4715 0976-299X

Number of papers published in peer reviewed journals

(national / international) by faculty:-

No.	Year	Name of faculty	Title of Paper	Name of journal with ISSN No, Vol., Page no. , Issue
01	2013	Prof.Sarode R.G.	Political characters in the the plot against America	ISSN2319.4715 page no 47 Volume no.5
02	2013	Prof.Sarode R.G	Caste and Race conflict In the novel Untouchable and plot against America	0976-299X Page no. 54 Vol.no.1

Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) :- Nil

- * **Monographs**
- * Chapter in Book
- * PAPER PRESENTATION

Sr. No.	Name of the Teacher	University	State	National	International	Total
1	Dr. Sarode R.G.	-----	-----	01	01	02

Books Edited

Books with ISBN/ISSN numbers with details of publishers

- * Citation Index
- * SNIP
- * SJR
- * Impact factor
- * h-index

Nil

20). Areas of consultancy and income generated:-

Nil

21). Faculty as members in:-

a) National committees b) International Committees c) Editorial Boards-- Nil

22). Student projects:- Nil

a. Percentage of students who have done in-house projects including inter departmental/programme :-

b Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies. Nil

23. Awards/ Recognitions received by faculty and students:-

Recognitions received by faculty.

Awards: - Nil

Recognition:--

Sr.no.	Name of the Faculty	Type of Recognition	University	From-- To
01	Prof. K.D.Sonawane	PG Recognition	University of Pune	20/03/2012 to 19/03/2017

24. List of the eminent academicians and scientists/ visitors to the department:-

Sr.No.	Name	Designation	Date	Purpose of Visit
01	Dr. Ashok Chaskar	Dean, Arts and Fine Arts, University of Pune.	17/12/2010	For the guidance to the students and staff
02	Dr. Arjun Jadhav	BOS Member, University of Pune.	17/12/2010	For the guidance to the students and staff
03	Dr. Anand Kulkarni,	BOS Member, University of Pune.	08/01/2012	For the guidance to the students and staff

25. Seminars/ Conferences/Workshops organized & the source of funding

Nil

26. Student Profile Programme/course wise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
F. Y. B. A					
2004-2005	27	27	17-10		77.77%
2005-2006	53	53	29-24		77.35%
2006-2007	63	63	26-37		76.19%
2007-2008	59	59	25-34		69.49%
2008-2009	48	48	20-28		71.13%
2009-2010	30	30	14-16		88.23%
2010-2011	53	53	25-28		60.37 %
2011-2012	53	53	29-24		66.03%
2012-2013	62	62	29-33		79.03%
S. Y. B. A					
2004-2005	66	66	39-27		71.20%
2005-2006	21	21	09-12		47.61%
2006-2007	32	32	20-12		53.00%
2007-2008	33	33	11-22		48.00%
2008-2009	26	26	05-21		50.00%
2009-2010	24	24	14-10		62.50%
2010-2011	23	23	10-13		52.17%
2011-2012	28	28	07-21		71.42%
2012-2013	29	29	13-16		55.17%

T. Y. B. A				
2004-2005	25	25	15-10	51.50%
2005-2006	38	38	23-15	76.31%
2006-2007	22	22	09-13	36.36%
2007-2008	29	29	18-11	62.06%
2008-2009	37	37	13-24	67.56%
2009-2010	32	32	18-14	72.33%
2010-2011	27	27	17-10	68.25%
2011-2012	13	13	04-09	84.61%

2012-2013	28	28	13-15	92.85%

Name of the Course/programme	Applications received	Selected	Enrolled *M *F	Pass percentage
M.A. English				
2008-2009				
2009-2010	07	07	01-06	42.85%
2010-2011	08	08	00-08	37.05%
2011-2012	24	24	08-16	66.66%
2012-2013	16	16	06-10	75.00%

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B. A	100 %	Nil	Nil
M.A.	100 %	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc? **Nil**

29. Student progression

Student progression	Against % enrolled								
	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
UG to PG Strength					04	03	05	05	06
PG to Ph.D.	Nil	Nil	Nil	Nil	Nil	Nil	Nil	01	Nil

Student progression	Against % enrolled									
	Ph.D. to Post-Doctoral	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Employed Campus selection Other than campus recruitment										
Entrepreneurship/Self-employment										

30. Details of Infrastructural facilities

a) Departmental Library :-

The departmental library is well developed consisting of 112 texts costing around 42019/-Rs.

b) Central Library:-

Central library consisting of about 6218 text and reference books costing around Rs. 415568/-

b) English Journals & Periodicals printed = 02

English e-Journals = 35 and e-books =547

c) Internet facilities for Staff & Students:

Internet facility is available to staff and Students in department as well as in central library.

d) Class rooms with ICT facility: Central facility, whenever required used by the Department.

e) Laboratories:-

Language Lab in Hindi Marathi English

31. Number of students receiving financial assistance from college, university, government or other agencies: NIL

32. Details on student enrichment programmes (special lectures / workshops / seminar)

with external experts.

33. Teaching methods adopted to improve student learning.

1) Use of PPT 2) Use of Chart and models 3) Group Discussions 4) Student seminars.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Institutional Responsibilities:-

Sr.No.	Name	Name of the Committee	Position
01	Prof.K.D.Sonawane	NAAC Criterion No.6 Management and Leadership	Chairman
02	Prof.K.D.Sonawane	Students Health Check UP Committee	Chairman
03	Prof.K.D.Sonawane	Megazine Committee	Member
04	Prof.Londhe A.K.	Soft Skills and Personality Development Programme	Co- ordinator
05	Prof.Londhe A.K.	A Certificate Course In Communicative English	Co- ordinator
06	Prof.Londhe A.K.	Cultural Committee	Member
07	Prof.Londhe A.K.	NAAC Criterion No.5 Student Support and Progression	Member
08	Prof. Dr. Sarode R.G.	NAAC Criterion No.1 Curricular Aspects	Member
09	Prof.Dr. Sarode R.G.	UGC Committee	Chairman

Extension Activities:-

Sr.No	Name	Name of the Committee	Date	Position
01	Prof.K.D. Sonawane	Local Inquiry Committee (LIC) Art's and Commerce College, Alkuti	14 th Sept. 2012	Member
02	Prof.K.D. Sonawane	Selection Committee as a Subject Expert In English at Hutatma Rajguru Sikshan Prasarak Mandal Rajgurunagar	9 th Jan. 2013	Member
03	Prof.K.D. Sonawane	Selection Committee as a Subject Expert In English at Smt. Sitarang Charitable Society's Smt.Sitabai Rangooji Shinde Art's Commerce, science College, Bori (Bk)	10 th Dec.201 3	Member
04	Prof.K.D. Sonawane	Local Inquiry Committee (LIC) Art's, Commerce and Science College, Sonai	26 th Feb.201 4	Member
05	Prof.K.D. Sonawane	Selection Committee as a Subject Expert In English at Dilip Valse Patil College, Nimgaon Sawa.	10 th March 2014	Member
06	Prof.K.D. Sonawane	Worked in the various Examinations of University of Pune	From 2004-05 to onwar ds	Moderator Examiner External and Internal Senior Supervisor
07	Prof.Londhe A.K.	N.S.S. A.W.College,Otur		Programme Officer

08	Prof.Londhe A.K.	Worked in the various exams of University of Pune	From 2004-05 onwards	Examiner External and Internal Senior Supervisor and Flying Squad Member
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35. SWOC analysis of the department and Future plans.

C) Strength

Location- Our College is located in Rural and Hilly area. But from establishment there is no any problem of student strength because of good educational reputation of college and departments. We have highly qualified, dedicated and experienced faculty.

D) Weakness

- No research Center
- Due to attraction of professional courses and their easy availability around the Pune, enrollment of average and below average students takes place at entry point of UG and PG courses.
- As PG course is not permanently recognized by university and UCG it is
 - difficult to employ permanent faculty for PG course.

Opportunities:

To develop well known research center for English affiliated to Pune University.

- To develop collaboration with nearby research centers.
- To arrange campus interviews for placement.

Challenges:

- To attract scholar students for UG and PG courses.
- To improve quality of students so that they will qualify competitive

examinations

such as NET, SET, etc.

- To enrich department with advanced equipments
- To establish research center

36. Future Plans:

- 1) To introduce self funded, short term courses in English.
- 2) Developing English Language Laboratory.
- 3) To start Literary Association Programme.

VI. Evaluative Report of the Department of Geography

1. Name of the department : **Geography**
2. Year of Establishment : **Established in June 1972 and restarted 1984**
3. Names of Programmes / Courses offered : **UG (F.Y./ S.Y./T.Y.B.A.)**
4. Names of Interdisciplinary courses and the departments/units involved:

Sr. No.	Course Name	Faculty
1	The Course in Environment Awareness	S.Y.B.A./B.Com./B.Sc.
2	Certificate Course in Environment Management	All Faculty's

5. Annual/ semester/choice based credit system (programme wise)

Sr. No.	Program with	programmes
1	Annual Pattern (80-20)	F.Y.B.A.
2	Annual Pattern (80-20 & Practical)	S.Y.B.A.
3	Annual Pattern (80-20& Practical)	T.Y.B.A.

6. Participation of the department in the courses offered by other departments:

Sr. No.	Course Name	Department
1	Soft Skills and Personality Development Programme	
2	A Certificate Course in Communicative English	English

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

Nil

8. Details of courses/programmes discontinued (if any) with reasons: **Nil**

9. Number of teaching posts; 03

Designation	Sanctioned	Filled
Professors	00	00
Associate Professors	00	00
Asst. Professors	03	03

10. Faculty profile with name, qualification, designation, specialization:

Name	Qualification	Designation	Specialization	Experience (years)	No. Of Ph.D Student Guided for last 4 years
Gandhile G.D.	M.A.SET.Ph.D (Regd) July 2012	Asst. Professor	Geography (Geomorphology)	12	Nil
Kaspate R.N.	M.A.SET.Ph.D . Registered Date:10 Dec. 2012	Asst. Professor	Geography (Economic)	08	Nil
Bibe A.M.	M.A.NET. Ph.D. (Regd) May 2013	Asst. Professor	Geography (Geomorphology)	04	Nil

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme Wise) by temporary faculty: Nil

13. Student -Teacher Ratio (programme wise)

Sr. No	YEAR	F.Y.B.A.		S.Y.B.A.				T.Y.B.A.			
		Total Strength	Ratio	Gen - 2	Ratio	Spl.	Ratio	Gen - 3	Ratio	Spl.	Ratio
1	2004-05			125	1: 125	27	1:9	121	1:121	39	1:13
2	2005-06	224	1:112	126	1: 126	27	1:9	101	1:101	25	1:8
3	2006-07	195	1:98	170	1: 170	58	1:19	129	1:129	38	1:13
5	2007-08	203	1:102	92	1: 92	18	1:6	142	1:142	56	1:19
6	2008-09	203	1:102	86	1: 86	37	1:12	92	1:92	21	1:7
7	2009-10	229	1:115	89	1: 89	50	1:17	62	1:62	24	1:8
8	2010-11	231	1:116	94	1: 94	38	1:13	71	1:71	35	1:12
9	2011-12	294	1:147	92	1: 92	40	1:13	66	1:66	29	1:10

10	2012-13	251	1:126	102	1: 102	45	1:15	84	1:84	33	1:11
11	2013-14	234	1:117	87	1:87	45	1:15	83	1:83	38	1:13

Sr. No	YEAR	F.Y.B.A.		S.Y.B.A.		T.Y.B.A.	
		Total Strength	Ratio	Total Strength	Ratio	Total Strength	Ratio
1	2004-05	244	1:122				
2	2005-06	231	1: 115.5				
3	2006-07	214	1: 107				
5	2007-08	221	1: 110.5				
6	2008-09	251	1: 125.5				
7	2009-10	278	1: 139				
8	2010-11	265	1: 132.5				
9	2011-12	263	1: 131.5				
10	2012-13	257	1: 128.5				
11	2013-14	239	1: 119.5				

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

1. Administrative and Technical staff: - Distribution Allotted By Collage.

Academic support staff (technical):-

Technical Staff	Sanctioned	Filled
Laboratory Assistant	01	00
Laboratory Attendant	01	00

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ M.Phil/PG.

Ph.D. Registered	M.Phil	Ph.D
03	00	00

Sr. No.	Name	Qualification
1	Gandhile G.D.	M.A.SET.Ph.D. Registered
2	Kaspate R.N.	M.A.SET.Ph.D. Registered
3	Bibe A.M.	M.A.NET.Ph.D. Registered

16. Number of faculty with ongoing projects from a) National b) International

Funding agencies and grants received: **Nil**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **Nil**

18. Research Centre /facility recognized by the University: **Nil**

19. Publications:

Publication per faculty (2004-2013)

a) Publication Per Faculty

Sr.No.	Name of faculty	No. of publications in Journal	No of Books	No. of Chapters/ contribution in Book
1	Gandhile G.D	--	--	--
2	Kaspate R.N.	--	--	--
3	Bibe A.M.	--	--	--

b) Number of papers published in peer reviewed journals (national / international) by faculty and students:

Sr.No.	Name of Author/s	Title of the Paper	Name of Journal	Volume	Page Nos.	Status	Impact Factor
1	Gandhile G.D	--	--	--	--	--	--
2	Kaspate R.N.	--	--	--	--	--	--
3	Bibe A.M.	--	--	--	--	--	--

c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil

d) Monographs: Nil

e) Chapter/Contribution in Books: Nil

f) Books Edited: Nil

g) Books with ISBN/ISSN numbers with details of publishers: Nil

h) Citation Index

i) SNIP

j) SJR

k) Impact factor:

l) h-index:

j) Number of papers presented in conferences / Seminars

Sr. No.	Name of Faculty	Date	conferences / Seminars	Title of papers
1	Gandhile G.D. Kaspate R.N. Bibe A.M.	3 th to 5 th Dec 2012	National Seminars Shri Shiv chhatrapati College Junner Dist.Pune	A Geographical Study of Tourist Profile at Lenyadri in Junnar Tahsil of Pune District (Maharashtra)
2	Kaspate R.N.	21 to 23 rd Jan 2010	National Seminars Prof.Ramkrishna More College dAkurdi,Pune	'Cyclone, Path and management'

20. Areas of consultancy and income generated:

Free of Cost Consultancy

Sr.No.	Beneficiary	Area	Date
1	Prof .Tilekar D.M	Travel and Tourism Guidance for tourist Places and their route	2010
2	Prof. Sonawane K.D.	Travel and Tourism Guidance for tourist Places and their route	2011
3	Prof. Londhe A.K.	Travel and Tourism Guidance for tourist Places and their route	2012
4	Shri. Dombale S. N.	Travel and Tourism Guidance for tourist Places and their	2014

		route	
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21. Faculty as members in a) National committees b) International Committees c)

Editorial Boards : Nil

a) National committees; 1

b) International Committees : Nil

c) Editorial Boards : Nil

Sr.No.	Faculty	Committee	Position	Status
1	Mr.Gandhile G.D.	Maharashtra Bhugolshatra Parishad	Member	National

22. Student projects

a) Percentage of students who have done in-house projects including inter

Departmental/programme:

Sr. No.	Class	Projects type	2010-2011	2011-2012	2012-2013	2013-2014
1	S.Y.B.A.	Village Survey Report (Socio-economic) / Study Tour Report	38 (100%)	40 (100%)	45 (100%)	45 (100%)
2	T.Y.B.A.	Village Survey Report (Socio-economic) / Study Tour Report	35 (100%)	29 (100%)	33 (100%)	38 (100%)
3	S.Y.B.A.	Project of Environment Awareness	38 (100%)	40 (100%)	45 (100%)	45 (100%)
4	S.Y. & T.Y. B.A.	Project of Environment Management	--	48 (100%)	31 (100%)	33 (100%)

b) Percentage of students placed for projects in organizations outside the

Institution i.e.in Research laboratories/Industry/other agencies : Nil

23. Awards/ Recognitions received by faculty and students :

a. Awards/ Recognitions received by faculty: Nil

b. Awards/ Recognitions received by students

Sr.No.	Year	Name of Student	Awards/ Recognitions

1	2009-10	Pote Pravin Suresh	First Rank Holder of B.A.Examinations in PDEA's all Collages
2	2012-13	Shinde Sarika Sakharam	First Rank Holder of B.A. Examinations in PDEA's all Collages

24. List of eminent academicians and scientists/ visitors to the department

Sr.No.	Year	Name	Address
1	2013-14	Dr. J.C.More	HOD Department Of Geography B.J.S. College ,Wagholi, Pune B.O.S. Member(Geography) University of Pune

25. Seminars/ Conferences/Workshops organized & the source of funding :Nil

26. Student profile programme/course wise

F.Y.B.A.				
Academic Year	Applications received	Selected	Enrolled *M *F	Pass percentage
2004-2005	224	224	140-104	
2005-2006	231	231	141-90	90.49
2006-2007	214	214	98-116	84.21
2007-2008	221	221	130-91	79.78
2008-2009	251	251	166-85	72.02
2009-2010	278	278	178-100	68.00
2010-2011	265	265	156-109	58.68
2011-2012	263	263	180-83	68.70

2012-2013	257	257	178-79	51.21
2013-2014	239	239	188-51	

- *M= Male , *F= Female

S.Y.B.A.						
Academic Year	Applications received	Selected	Enrolled		Pass	
			*M	*F	%	
					S1	S2
2004-2005	27	27	20	07	100	96.15
2005-2006	27	27	20	07	96.29	100
2006-2007	58	58	42	16	100	100
2007-2008	18	18	12	16	100	100
2008-2009	37	37	21	16	100	100
2009-2010	50	50	40	10	98.00	98.00
2010-2011	38	38	26	12	100	100
2011-2012	40	40	26	14	100	100
2012-2013	45	45	32	13	97.93	100
2013-2014	45	45				

- *M= Male , *F= Female

T.Y.B.A.						
Academic Year	Applications received	Selected	Enrolled		Pass	
			*M	*F	%	
					S3	S4
2004-2005	39	39	23	16	94.73	94.59
2005-2006	25	25	20	5	100	100
2006-2007	38	38	27	11	100	100
2007-2008	56	56	42	14	88.88	88.88

2008-2009	21	21	16 - 05	100	100
2009-2010	24	24	11-13	100	100
2010-2011	37	37	29 -08	100	100
2011-2012	29	29	20-09	100	100
2012-2013	34	34	23 -11	100	100
2013-2014	38	38			

- *M= Male , *F= Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BA	100	00	00
A Certificate Course of Environmental Mgt.	100	00	00

28. . How many students have cleared national and state competitive

Examinations such as NET, SLET, GATE, Civil services, Defence services, etc? : **Not Applicable**

29. Student progression : **Not Applicable**

30. Details of Infrastructural facilities

a) Library – College Central Library has 1984 text and reference books and 01 journals of Geography.

b) Internet facilities for Staff & Students in Department: **Available**

c) Class room with ICT facility – **Available**

d) Laboratories –Well Equipped Laboratory with following instruments

: A Laboratory of an area of 1600 Sq. ft. (148.65 sq. M) is equipped with

essential instruments. A list is given below.

Sr. No.	Instrument	Sr. No.	Instrument
	Weather Instrument's	22	Survey Instrument's
1	Aneroid Barometer	23	Plan table
2	Wind Vane	24	Ranging Rod
3	Cup anemometer	25	Measuring tape
4	Anemometer Digital	26	Alidade
5	Rain gauge	27	Trough compass
6	Thermometer	28	Spirit level
7	Max.- Thermometer	29	Fork & plum bob
8	Min.- Thermometer	30	Arrow
9	Max.-min. Thermometer	31	Survey chain
10	Wet & Dry Thermometer	32	Prismatic compass
11	Thermograph	33	Abney level
12	Barograph	34	Tangent Clinometers
13	Steven's screen	35	Dumpy level set
14	Indian Topographical Maps	36	Theodolite set
15	Indian Daily Weather Map	37	Tripod (P T)
16	Geographical Landform models	38	Tripod (P C)
17	Mirror stereoscope	39	Measuring Staff
18	Pocket stereoscope	40	Geometric compass
19	Slid projector	41	Solar system model
20	Telescope with stand	42	Pantograph
21	Binocular	43	Glass tracing table

31. Number of students receiving financial assistance from college, university,

government or other agencies. :- Nil

32. Details on student enrichment programmes (special lectures / workshops / Seminar) with external experts **a. Special lectures**

Sr.No	Year	External experts	College
1	2010-11	Prof.S.T.Tambe	HOD Department Of Geography B.J. College , Ale , Pune.
2	2011-12	Dr. P. S. Arkashali	HOD, P.G. Department Of Geography M.P. College Pimpri Pune- 17
3	2011-12	Prof. Memane S.R.	H.O.D.Dept.Of.Geo.Dr.Arvind Telang College Nigdi , Pune
4	2011-12	Prof. Kokate S. D.	Dept.Of.Geography Wadia College Pune
5	2011-12	Prof. Doke A. B.	H.O.D.Dept.Of.Geography S.B. College Nasrapur Bhor Pune
6	2011-12	Prof.Tambe S. T.	H.O.D.Dept.Of.Geography B.J. College Ale Junner Pune
7	2011-12	Prof. Nehe D. G.	Dept.Of.Geography Dynamandir College Ale Junner Pune
8	2011-12	Prof. Nehe D. G.	Dept.Of.Geography , Dynamandir College Ale Junner Pune
9	2011-12	Prof. Dusing A. J.	Dept.Of.Geography S.S. College Junner Pune
10	2012-13	Ex.Prof.E.K. Karanjakhele	K.T.H.M. Collage , Nashik-02
11	2013-14	Dr. J.C.More	HOD Department Of Geography B.J.S. Collage ,Wagholi, Pune

b) Workshops /Seminar: Nil

33. Teaching methods adopted to improve student learning

- Use of ICT.
- Use of Models, Charts, Maps, LCD, PPT, internet, Educational CDs etc.

- Field visit & Study Tours.
- Student Seminars.
- Exhibition

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

A] Participation of the faculty in Institutional Social Responsibilities (ISRs):

1. Prof. Gandhile G.D.

- I. Coordinator , Course in Environmental Awareness
- II. Chairman: - Bhugol Mandal.
- III. Chairman :- Time-table (Arts Faculty)
- IV. Secretary: - NAAC criterion VI: Governance Management and Leadership.
- V. Member :- Competitive Examination , Purchase Committee, Staff Welfare Committee
- VI. All assigned Examination duties.

2. Prof. Kaspate R.N.

- i. Coordinator (COC) , Course in Environmental Management
- ii. Coordinator:- Competitive Examination Department
- iii. Assist. Coordinator :- Course in Environmental Awareness (Arts Faculty)
- iv. Member :- Staff Welfare Committee , Bhogol Mandal, NAAC criterion
- v. VI: Infrastructure and Learning Resource
- vi. All assigned Examination duties.

3. Prof.Bibe A.M.

- I. Coordinator: - Staff Welfare Committee.

- II. Member :- Bhogol Mandal, NAAC criterion III: Research Consultancy and Extension, Course in Environmental Awareness, Competitive Examination Department , Gymkhana Committee .
- III. All assigned Examination duties.

Department of Geography organizes Ozone Day , Geography week and Teachers Day.

On the occasion of Geography Day. A variety of activities are organized to broaden the knowledge of Geographical facts and concern for the subject.

Students participated in the Geography Week Activities.

- Essay Writing & Elocution Competition
- Environmental Rangoli Competition
- Geographical Map Making
- Geographical Map Model Making
- Geographical Diagram
- Geographical Model Making Competition
- Geographical Quiz Competition
- Geographical Instruments Exhibition
- Geographical General Knowledge Competitive Exam

Number of Student in Geography Department also Participated in NSS, NCC, Student Welfare Programme, Earn and Learn Scheme.

35. SWOC analysis of the department and Future plans.

E) Strength

- Qualified and experienced faculty.
- Well equipped laboratory
- Study tours and field excursion organized
- Computer with LCD Projector and internet facility
- A Certificate Course in Environmental Management.

- Location- College is located in Rural and Hilly area. But from establishment there is never problem of student strength because of good educational reputation of college and departments.

F) Weakness:

- No departmental library.
- No Post-Graduate Centre
- Due to attraction of professional courses and their easy availability around the Pune, enrolment of average and below average students takes place at entry point of College and department.

G) Opportunities:

- To start P.G. course
- To develop departmental library.
- To start job oriented courses like, Travel and Tourism, Water Management, Geographical Information System (GIS) and Soil Analysis etc.

D) Challenges:

- Privatization of education
- To improve quality of students so that they will qualify competitive examinations such as NET, CSIR, SET & GATE, etc.

36) Future Plans

- Proposed to awareness programme for water Harvesting .
- Proposed to develop weather station in college campus.
- Plan to organize soil analysis programme.
- Plan to P.G.(M.A.) in Geography, and some job oriented courses like, travel and Tourism, Water Management, Geographical Information System(GIS), Soil Analysis etc.

VII. Evaluative Report of the Department HINDI

1) Name of the department:- **HINDI**

2) Year of Establishment: - **1973**

3) Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

UG	B.A.	HINDI
PG	M.A.	HINDI

4) Names of Interdisciplinary courses and the departments/units involved:-

Nil

5) Annual/ semester/choice based credit system (programme wise)

Sr. No.	Program with	Programmes
1	Annual Pattern(80-20)	F.Y.B.A
2	Annual Pattern(80-20)	S.Y.B.A.. T.Y.BA..
3	Semester Pattern	M.A.

6) Participation of the department in the courses offered by other departments:-

7) Courses in collaboration with other universities, industries, foreign institutions, etc. -

Nil

8) Details of courses/programmes discontinued (if any) with reasons:- -----

--

9) Number of teaching posts

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	-	-
Asst. Professors	02	02

10) Faculty profile with name, qualification, designation, specialization,(D.Sc./D.Litt. /Ph.D. /

M. Phil. etc.,)

Name	Qualifications	Designation	Specialization	No. of years of experience	No. of Ph. d students guided
Tilekar D.M.	M. A. SET Ph D.(Regd)2011.	Assistant Professor	Hindi	10	--
Dr.Rathod M. B.	M.A. M.Phil Ph.d	Assistant Professor	Hindi	10	--

11).List of senior visiting faculty:- Dr. Kale A. V.(A.S.C. College,Narayangaon i),
(P.G. Courses) Dr. Mohite D.W. (A.S.C. College,Narayangaon)

12) Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty

UG:- Nil, PG:- Theory 50%

13) Student -Teacher Ratio (programme wise):-

Year	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
Student Strength									
No. of Faculty	2	2	2	2	2	2	2	2	2
Ratio for total strength of the department									
Strength FY	237	253	140	148	154	193	208	243	193
Ratio FY	118.5	126.5	70	74	77	96.5	104	121.5	96.5
Strength SY	79	86	120	73	64	56	94	87	44
Ratio SY	39.5	43	60	36.5	32	28	47	43.5	22
Strength TY	47	68	79	123	106	43	54	68	82
Ratio TY	23.5	34	39.5	61.5	53	21.5	27	34	41

14). Number of academic support staff (technical) and administrative staff; sanctioned and filled:-

Administrative staff :- Nil

Academic support staff (technical) :-

Technical Staff	Sanctioned	Filled
person	Nil	Nil

15) Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr. No.	Name	Qualification
1	Prof .Tilekar D.M.	M. A. SET. B.Ed.
2	Dr.Rathod M.B.	M. A. M.phil, Ph. D.

16). Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:-

Sr.	Name of the	Title	Funding	Amount	Year
-----	-------------	-------	---------	--------	------

No.	principle Investigator		Agencies	sanctioned	
1	Dr. Rathod M. B.	“Prabha Khetan Ke Upnyasome Nari Jivan”	BCUD pune university	13,0000	2013-2015

17) Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18) Research Centre /facility recognized by the University: Nil

19) PUBLICATIONS:

a) Number of papers published in peer reviewed journal (national / international) by faculty:- NIL

b) CHAPTER IN BOOKS

1	2010	Prof. D.M.Tilekar	Anuvad Ke Madhyam Se Rojgar ki Sambhavanaye Page No.-47	Edi- Dr. Ishawar Pawar Pub.- Jagatbharati Prakashan Alahabad, U.P.	ISBN – 978-81 89924-09-06
2	2012	Prof. D.M.Tilekar	Hindi Patrakarita Au Adneya Page No.- 152	Edi- Prof. Namdev Jasud Pub.- Atul Prakashan, Kanpur	ISBN – 978-93 80760-08-02

c) ARTICAL PUBLISHED IN JOURNAL

Name of Faculty	Journals	National	International	ISSN/ISBN	Total
Tilekar D.M.	05	05	-----	02	05
Dr.Rathod M. B.	-----	01	-----	-----	01

Details of Research papers published in Journal

Sr. No	Year	Name of the Author	Articles / Chapters	Editor & publisher	ISSN/ISBN No.
1	2005	Prof. D.M.Tilekar	Hindi Sanwardhan Hetu Panchdutri	Rajkesarvani Rashatriya Hindi sevi sangha Indoor	Page No.12
2	2006	Prof. D.M.Tilekar	Rashatriya Asmita ka pratika Hindi	Rajkesarvani Rashatriya Hindi sevi sangha Indoor	Page No.26
3	2006	Prof. D.M.Tilekar	Kamleshwar ko Shradhanjali	Dr. Ramsanjivayya Mysoor Hindi Prachar Parishad Bangalore	Page No.31
4	2012	Prof. D.M.Tilekar	Suchana Proudhyogiki Aur Hindi Bhasha	New Voice , publication Aurangabad	Vol.-II Page No. -231 ISBN NO.- 978-8921877-0-09
05	2013	Prof. D.M.Tilekar	Ekkisavi sadi ke up stri-vimarsha	Power of knowledge	ISSN2320-4494 Page No-22
06	2012	Dr. M.B. Rathod	Adneyake Kavye me Prayog Dharmita	Gorvani , Editor Dr. Ramesh Jadhav, Aurangabad	Vol.-Page No.-52 ISSN NO.-2229-7324

E) Full Paper Published in Conference/Seminar Proceeding

Name of Faculty	State	National	International	ISSN/ISBN	Total
Tilekar D.M.	02	04	02	04	08
Dr.Rathod M. B.	-----	01	-----	-----	01

Details of paper published in conference/seminar proceedings

No.	Year	Faculty	Title of Paper	Details of Conference Publication	ISSN/ISBN No.
1	2006	Prof. D.M.Tilekar	Takniki Vishwa Me Hindi Ka Sthan	Hindi Bhasha Kumbha Mysoor Hindi Prachar Parishad Bangalore	Page No- 113
2	2008	Prof. D.M.Tilekar	Sahitya aur Itihas	National Conference on Hindi ka Anya shasrose sambandh KTHM College Nasik	-----
3	2008	Prof. D.M.Tilekar	Vishawpatal par hindi ki sthiti gati evam sambhavnaye	National Conference on Hindi ka vartaman paridrusha Shardabai pawar College Baramati	Page No -54
4	2009	Prof. D.M.Tilekar	Hindi aur Marath upnyaso me Dalit chitran	State Conference on Hindi AurMarathi Sahitya ka TulnatmakAdhyayan Arts Com Sci College Narayangaon	Page No -200
5	2013	Prof. D.M.Tilekar	Hindi Upnyasome Dalit Chitran	International Conference on " Alpasankhyakonka Vichar Vishva"By Lokaseva Kala Mahavidyalya Aurangabad	New Voice Publication Vol.- Page No.- ISBN NO.- 978 93-82504-03-0
6	2013	Prof. D.M.Tilekar	Electronic Madhyam Au Hindi	National Conference on " Jansanchar Madyam Au Bhartiye Bhasaye" By- Arts, Commerce & Science Collage, Kolhar	ISBN NO.- 978-81-921250 -13Page- 153
7	2013	Prof. D.M.Tilekar	Hindi Upnyaso Me Badalate Jivanmulya	International Conference On Hindi Sahitya Aur Jansanchar Madhyam	ISBN No.- 978-1-63102 -967-7 Page No 162

8	2013	Prof. D.M.Tilekar	Vaidyanik Shabdawal Aur Anuwad	International Conference On terminology and Tanslation; A general Review	ISBN No.- 978-81- 928515 -3-2 Page No -27
9	2013	Dr. M.B. Rathod	Manak Hindi Vartani Samasyaye Avam Samadhan	National Conference on “ Manak Hindi Vartani” By- NewArts, Commerce & Science Collage, Parner A.Nagar (Maharashtra)	ISBN NO. - 978-81-926129 -2-8 Page-93

F) Papers Present In Seminar, Conference

Sr. No	Name Of The Teacher	University	State	Nation al	International	Total
01	Prof. Tilekar D.M.	-----	05	13	03	21
02	Dr. Rathod M.B.	05	03	09	02	19

Prof. Tilekar D.M.				
Sr. No	College/Institute	Subject	Date	Level
1	H.P.T. College Nasik	Adunik Sahitya Ke Adhyan Ki Dishaye	12-13 March 2007	State
2	Arts Com. Sci. College Sonai	Jansanchar Madyamo Me Hindi	22-23 Feb. 2007	National
3	Dr. Mumtaj Ahmedkhan College Manchar	Nagari Lipi Ki Visheshataye	3 Feb. 2008	Zonal
4	K.T.H.M. College Nasik	Sahitya Aur Itihas Ka Sambandh	2-3 Dec. 2008	National
5	Shardabai Pawar College Shardangar	Vishawapatalpar Hindi Ki Sthiti Gati Evam Sambhavnaye	17-20 Dec. 2008	National
6	Ares Com Sci College	Hindi Mararti Upnyasome	25-26 Dec.	State

	Narayangaon	Chitrit Dalit Jivan	2009	
7	C. T. Bora College Shirur	Anuwad Ke Madyamse Rojgar Ki Ambhanaye	15-16 Jan. 2010	National
8	Radhbai Kale Mahila College Ahmednagar		7-8 Jan. 2010	State
9	New Arts Com Sci College Shevgaon	Electronoc Jansanchar Madhyamo Me Hindi	1 Feb. 2010	National
10	Annasaheb Waghire College Otur	Kabir Kavya Ki Prasangitata	5-6 March 2010	National
11	Arts Com Sci College Rahata	Nagari Lipi Ka Udbhav Aur Vikas	21-22 Jan. 2011	State
12	S N Arts D J Malpani Com. And S N Sarda Sci College Sangamner	Adaneya Aur Unka Sahitya	3-4-5 Feb. 2011	National
13	University Of Pune	Anuwad Aur Rojgar	14-15 March 2011	National
14	Lokseva Education Socity Arts Com Sco College Aurangabad	Suchana Praudyagiki Aur Hindi Bhasha	2-3 March 2012	National
15	Lokseva Education Socity Arts Com Sco College Aurangabad	Hindi Npnya So Me Dalit Vimarsha	4-5 March 2013	Inter National
16	Dyaneshawer Mahavidyalaya Newasa	Hindi Aur Bhartiya Bhashavo Ka Antsambandha	6-7 March 2013	National
17	Arts Com Sci College Kolhar	Electronic Jansanchar Madyam Aur Hindi	8-9 March 2013	National
18	Radhabai Kale Womens College Ahmednagar	Hindi Upnyaso Me Dalit Vimarsha	17-18-19 Dec. 2013	National
19	Arts Com Sci College Satral	Ekkisavi Sadi Ke Upnyaso Me Stir Vimarsha	23-24 Oct. 2013	National

20	Handard Publik La- Ibrary Beed	Vidyantik Shabdawali Aur Anuwad	8-9 Feb. 2014	Inter National
21	C. T. Bora College Shirur	Swatantyottar Hindi Upnyaso Me Badlate Jivan Mulya	10-11 Feb.2014	Inter National

Dr. Rathod M.B.				
1	Arts Com Sci College Narayangaon	Snatak Star Ke Patyakram Per Lectur	4 Mar. 2004	University
2	Hindi Sahita Sanmelamn Prayag	Sahitya Vidha	12 Mar 2005	Nationl
3	Dr. Mumtaj Ahmedkhan College Manchar	Nagari Lipi Ki Visheshataye	3 Feb. 2008	Zonal
4	Arts Com Sci College Narayangaon	Anchalik Upnyaso Ka Tulnatmak Adyayan	25-16 Dec 2009	State
5	Wagire College Saswad	Rojgarparak Hindi	9-10 Jan 2010	Nationl
6	Shri Dhokeshawar Mahavidyalaya Takali	Sathottari Samkalin Hindi Kahaniyome Dalit Vimarsha	30 Jan 2010	University
7	Shr Shiv Chatrapati College Junner	Samkalin Hindi Sahitya Me Nibandha Vidha	15-16 Feb 2010	State
8	University Of Pune	Adneya Ke Kavya Me Prayogdharmita	26-17 Feb 2010	National
9	Arts Com College Motapondha Gujrath	Todokara Todo Upnyaso Me Dalit Chetana	25-26 Dec 2010	National
10	Arts College Jejuri Purandar	Ramdarsha Mista Ke Upnyaso Me Mahanagriya Bodha	2 Feb 1012	University
11	Padmshree Dr D Y Patil College Pimpari	1991 Ke Bad Ka Hindi Sahitya Prerna Tatha	25 Feb 2012	State
PDEA's Annasaheb Waghire college			OTUR Swrup	Page 441

12	Vidyawardhini sahha ka arts com sci college dhule	Vishwabhashvo se hindi me anudit sahitya dasha evam disha	21-22 March 2012	International
13	New Arts Com Sci College Parner	Manak Hindi Vartani Samsya Aur Samadhan	4-5 Jan. 2013	National
14	Dyaneshhwar College Newasa A. Nagar	Hindi Aur Bhartiya Bhashaye Antsambandha	6-7 March 2013	National
15	University Of Pune	Hindi Sahitya Aur Paryavaran Ka Antsambandha	15-16 Mar. 2013	National
16	K.T.H.M. College Nasik	Hindi Sahityakar Vishanu Prabhakarji Ka Sahityik Awdan	27 April 2013	National
17	Asian College Sci. And Com. College Pune	Hindi Upnyaso Me Aadiwasi Vimarsh	18 Oct. 2013	National
18	B.D. College Ghodegaon Pune	Aadiwasi Loksanskriti Swarup Vikas Vyapti	31jan. To 1 Feb 2014	National
19	Handard Publik La-Ibrary Beed	Paribhashik Shabdawali Aur Anuwad	8-9 Feb. 2014	Inter National

Books Edited –

Books with ISBN/ISSN numbers with details of publishers

Year	Name	Title	Book Publication	Status	Asbn /Issn
2013	Dr. M.B. Rathod	Prayojanmulak Hindi	Annapurna Prakashan Kanpur	Ref. U.G.Syllabus University of pune.	ISBN NO-978-81-98353-58-2
2014	Dr. M.B. Rathod	sahityaratna	Annapurna Prakashan Kanpur	In Procces	

Citation Index

- * SNIP
- * SJR
- * Impact factor
- * h-index

20). Areas of consultancy and income generated :- Nil

21). Faculty as members in :-

National committees b) International Committees c) Editorial Boards—01
New Voice Publication Aurangabad

22). Student projects: - Nil

a Percentage of students who have done in-house projects including inter departmental/programme :-

b Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

23).Awards/ Recognitions received by faculty and students:-

Prof. Tilekar D.M.

Sr No	Award	Institute/S\Sanstha	Year	Place
1	Bhsha Gavrav Sanman	Akhil Bhartiya Rashtrabhsha Vikas Sangathan Gaziabad	Nov.2008	Gaziabad (U.P.)
2	Hindi Sevi Sanman	Rashatiya Hindi Sevi Sangha Indoer	June 2010	Pune (Maharashtra)
3	Shiksha Bhushan	Himakshara Rashatriya Sahitya Parishad	June 2011	Pune (Maharashtra)

24) List of Eminent Academicians Visitors to The Department

Sr.No	Name	Position	Purpose	Date
1	Dr. Premlata Chutail	Dean Art And Fine Arts Faculty Ujjain University	National seminar	5-6 MAR .2010
2	Dr Sadhana Nirbhay	Professor –Ujjain University	National seminar	5-6MAR .2010
3	Dr. K I Sattgiri	Principal B Ed College Belgaon Karnataka	National seminar	5-6MAR .2010
4	Dr. Hemraj Meena	Professor Kendriya Hindi Nideshalaya Hyderabad	National seminar	5-6MAR 2010
5	Dr. Shaikh Shahabuddin	Former Bos Chairman University Of Pune	National seminar	5-6MAR 2010
6	Dr. Suresh Babar	B.O.S. Chairman University Of Pune Maharashtra	National seminar	5-6MAR 2010
7	Dr. Sadanand Bhosale	Professor- Universityof Pune Maharashtra	National seminar	5-6MAR 2010
8	Dr. Tabassum SHAIKH	Professor Madhayaprasesh	National seminar	5-6MAR .2010
9	Dr. Kotame Popat V.	Professor K.T.H.M. College Nasik	National seminar	5-6MAR 2010

25). Seminars/ Conferences/Workshops organized & the source of funding

Sr.N o	Level	Title	Date	Funding Agencies
1	National Seminar	Kabir ka samajik chintan	5-6 March 2010	UGC New Delhi
2	University	Loksahitya ka	7 March 2005	BCUD University

	level Seminar	samikshatmak Adyayan		of Pune
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26). Student Profile Programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
. B. A					
2004-2005	06	06	01	05	62.4%
2005-2006	09	09	02	07	75%
2006-2007	19	19	12	07	84%
2007-2008	29	29	18	11	80%
2008-2009	20	20	12	02	96%
2009-2010	08	08	06	02	100%
2010-2011	15	15	10	05	87%
2011-2012	20	20	02	18	89.47%
2012-2013	25	25	14	11	64%
M. A.					
2004-2005	17	17	08	09	58.82%
2005-2006	08	08	05	03	75%
2006-2007	04	04	01	03	50%
2007-2008	04	04	01	03	50%
2008-2009	06	06	04	02	60%
2009-2010	05	05	03	02	66.33%
2010-2011	10	10	06	04	60%
2011-2012	06	06	05	01	60%
2012-2013	04	04	00	04	50%

27). Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B. A	100 %	Nil	Nil
M. A.	100 %	Nil	Nil

28) How many students have cleared national and state competitive examinations such as

NET, SLET, GATE, Civil services, Defense services, etc?

Sr.No	Name of student	STUDENT AW.COL.	NET/SLET	Year of passing
1	Ghode Rajendra	2007-08	NET	2010
2	Nadekar Janardan	2009-10	SET	2011
3	Rengade Vinod	2009-10	NET/SET	2011
4	Kathe Vasant	2009-10	NET	2012
5	Jadhav Gorakshanath	2007-08	NET	2012
6	Pardhi Ashish	2006-07	NET	2012

ALUMINI

Name of the Student	DESIGNATION	YEAR	INSTITUTE
Hande Sandhya	Teacher	2007-08	Vilas Tambe B Ed College
Hande Asha	Teacher	2008-09	
Kolhe Manjiri	Teacher	2010-11	B Ed College Narayangaon
Kale Sanjaya	Teacher	2010-11	Aadiwasi Ashramshala Tokawade
Bhor Sonali	Teacher	2010-11	Kukadivally English Medium School
Dumbre Pramila	Teacher	2005-06	Kukadivally English Medium School
Aswar Sampda	Police	2008-09	Mumbai Police

Pansare Avinash	Police	2008-09	Mumbai Police
Aswar Vaibhav	N.G.O.	2011-12	Wild Spot Animal Life, Ambegavhan

29) Students Progression

Student progression	Against % enrolled									
	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
UG to PG strength	-	18.75	26.31	27.58	30.76	37.05	13.33	25%	16%	-
PG to M. Phil.						01				
PG to Ph.D.	Nil	Nil	Nil	Nil	Nil	Nil	Nil	01	Nil	Nil
Ph.D. to Post Doctoral	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Employee Campus selection Other than campus recruitment										
Entrepreneurship/ Self-employment										

30) Details of Infrastructural facilities

A) Library: Central library consisting of about 4510 text and reference books costing around Rs. 2,35,462/-

B) Hindi Journals & Periodicals = 11 Nos.

C) Internet facilities for Staff & Students: Internet facility is available to staff and Students in department as well as in central library.

D) Class rooms with ICT facility: Central facility, whenever required used by

Department

E) Laboratories:

Language Lab in Hindi Marathi English

1	Computer	
2	LCD Projector	
3	Linguaphone	
4	Audio C D	

31) Number of students receiving financial assistance from college,

University, government or other agencies **NIL**

32) Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Department arranges student enrichment programme with special guest lectures, student seminars, competitive examination.

SR. NO	Lecture	Seminar Workshop	External Expert	Subject	Date
1	Lecture	-----	Dr. Shahabuddin N Shaikh	Rashatrabhasha Hindi	14/09/2004
2	Lecture	-----	Prof. Kishor Shelar	Computer Ka Karyakshtra	20/01/2005
3	-----	Workshop	Prof. Dr. Kalapure S.T Prof. Talekar S T	Loksahitya ka Samikshatmak Adhyayan	07/03/2005
4	-----	Seminar	Dr. Premlata Chutail Dr.Sadhana Nirbhaya Dr. Hemraj Meena Dr. sattgiri A I	Kabir Ka samajik Chintan	5-6 Mar. 2010
5	Lecture	-----	Prof. Mane Babasaheb M	Hindi Kahani Udabha Aur Vikas	27/01/2011

6	Lecture	-----	Prof. Mane Babasaheb M	Rojgarparak Hindi	03/03/2011
7	Lecture	-----	Prof. Chavan Sunil D	Anuwad Ke Madyamase Rojgar Ki Sambhavanaye	21/09/2011
8	Lecture	-----	Dr. Shaikh Noormahamad D	Natak Ke Tatav	10/02/2012
9	Lecture	-----	Dr. Gaikwad Ashok D	Phonetics	28/02/2012

33) Teaching methods adopted to improve student learning

- 1) Use of PPT 2) Use of Chart and models

34) Participation in Institutional Social Responsibility (ISR) and Extension activities

- i) Students participate in extension activities like NSS, NCC, Blood donation camp,

Sr. No	Name Of Teacher	Committee	Status	Working Period
01	Prof. Tilekar D M	Chaitanya Niyatkalik	editor	2007-08 To 2012-13
02	Prof. Tilekar D M	Cultural Dpartment	Chairmen	2007-08 To 011-12
03	Prof. Tilekar D M	N S S	Programm Officer	2005-06 To 2007-08
04	Prof. Tilekar D M	Vivekvahini	Co-Ordinator	2011-12 To 2013-14
05	Prof. Tilekar D M	NAAC Teaching Learning Evaluation	Member	2012-13 To 2013-14
06	Prof. Tilekar D M	Planing And Devolopment Board	Secretary	2013-14
07	Prof. Tilekar D M	Lic Committee University Of Pune	Member	2013-14
01	Dr. Rathod M B	N S S	Programm Officer	2011-12 TO 2013-14
02	Dr. Rathod M B	Cultural Dpartment	Chairmen	2012-13 TO 2013-14
03	Dr. Rathod M B	Hostel Committee	Member	2011-12 TO 2012-13
04	Dr. Rathod M B	NAAC	Member	2012-13 To 2013-14

35) SWOT analysis of the department and Future plans.

- H) Strength

Location- College is located in Rural and Hilly area. But from establishment there is never problem of student strength because of good educational reputation of college and departments.

Highly qualified, dedicated and experienced faculty. \

Central library consisting of about 4510 reference books with more than cost about Rs 2,35,462/-, and Research Journals related to Hindi

I) Weakness

4) No research Center

Due to attraction of professional courses and their easy availability around the Pune, enrollment of average and below average students takes place at entry point of UG and PG courses.

5) As PG course is not permanently recognized by university and UCG it is difficult to employ permanent faculty for PG course.

Opportunities:

- To develop well known research center for Hindi affiliated to Pune University.
- To develop collaboration with nearby research centers.
- To arrange campus interviews for placement.

Challenges:

- To attract scholar students for UG and PG courses.
- To improve quality of students so that they will qualify competitive examinations such as NET, SET, etc
- To develop departmental Library
- To enrich department with advanced equipments
- To establish research center

36) Future Plans:

- To introduce self funded, short term courses in Hindi.(Hindi grammar)
- To introduce PG diploma course in Hindi Translation

VIII. Evaluative Report of the Department of Marathi

It is a matter of to be proud that in 1970, the first Science College in Junnar taluka was established in Otur at Grampanchayat level. The location of the college is rural as well as backward.

The Department of Marathi was started when Marathi was introduced at special level during the academic year 1973-74. If we compare the situation in the beginning to the present it is indeed prideful to say that Department of Marathi has been developed from all angles. For the improvement of the students the department arranges various programmes, activities, seminars in every year academic year. Students also enthusiastically participate in these activities.

The department has good tradition of scholar faculty and satisfactory results.

1. Name of the Department:- MARATHI
2. Year of Establishment :- B.A -1973
M.A. – 1993
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Courses	Pattern	Year of commencement
B.A. MARATHI	Annual System	1973
M.A. MARATHI	Semester System	1993

4. Names of Interdisciplinary courses and the departments/units involved:-
Nil
5. Annual/ semester/choice based credit system (programme wise)

Sr.No.	Program with	Programmes
1	Annual Pattern	F.Y.B.A
2	Annual Pattern	S.Y.B.A. T.Y.BA..
3	Semester Pattern	M.A.

6. Participation of the department in the courses offered by other departments:-
Nil
7. Courses in collaboration with other universities, industries, foreign

institutions, etc

Nil

8. Details of courses/programmes discontinued (if any) with reasons:- Nil

9. Number of Teaching posts

Designation	Sanctioned	Filled
Professors	Nil	Nil
Associate	-	-
Asst. Professors	02	02
CHB	01	01

10. Faculty profile with name, qualification, designation, specialization,(D.Sc./D.Litt. /Ph.D.

MPhil.) etc.,

Sr. No.	Name	Qualifications	Designation	Specialization	No. of years of Experience	No. of Ph.D.Students guided for the last 4 yr
01	Bagul M.M.	M.A.M.Phil Ph.D. (Regd.)	Assistant Professor	Marathi	17 Yrs.	-----
02	Bhopatkar A.A.	M.A.M.Phil SET Ph.D.	Assistant Professor	Marathi	16 Yrs	-----
03	Sabale N.M.	M.A. NET Ph,D. (Regd)	Temporary Teacher	Marathi	02 Yrs	-----

11. List of the senior visiting faculty:

Sr.No.	Name of the Faculty	Name of the Institution
01	Dr. Milind Kasabe	ASC College, Narayangaon.
02	Dr. Bhaskar Shelke	SSC College, Junnar.
03	Dr. Mangala Dongare	ASC College, Narayangaon.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty.

Sr.No.	Name of the Faculty	Name of the Institution	Percentage
01	Dr. Milind Kasabe	ASC College, Narayangaon.	

02	Dr. Mangala Dongare	ASC College, Narayangaon.	
03	Prof. Kshirsagar R.N.	B.J. College Alphata	

13. Student -Teacher Ratio (programme wise):-

Year	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
Student Strength									
No.of Faculty	2	2	2	2	2	2	2	2	3
Ratio for total strength of department									
Strength FY	244	231	214	221	251	278	265	263	257
Ratio F.Y.B.A.	1:122	1:126	1:107	1:111	1:126	1:139	1:133	1:132	1:86
Strength SY	97	98	104	94	124	138	132	139	134
Ratio S.Y.B.A.	1:49	1:49	1:52	1:47	1:62	1:69	1:66	1:70	1:67
Strength T.Y.B.A.	82	66	78	66	79	96	112	108	119
Ratio T.Y.B.A.	1:41	1:33	1:39	1:33	1:40	1:48	1:56	1:54	1:40
F.Y.B.Com	120	123	95	108	101	131	135	153	169
Ratio	1:60	1:62	1:48	1:54	1:51	1:66	1:67	1:77	1:56
Strength of S.Y B. Sc.	34	43	34	34	32	26	44	71	70
Ratio	1:17	1:22	1:17	1:17	1:16	1:13	1:22	1:36	1:23

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:-

Administrative staff: - Nil

Academic support staff (technical) :- Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr. No.	Name	Qualification	Designation
01	Mr.M.M.Bagul	M.A.M.Phil. Ph.D..(Regd.)	Assistant Professor
02	Mrs.A.A.Bhopatkar	M.A.M.Phil.SET Ph.D .	Assistant Professor
03	Mr.N.M.Sabale	M.A. SET Ph.D..(Regd.)	C.H.B.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: - Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received

No	Name of the principle Investigator	Title	Funding Agencies	Amount sanctioned	Year
1	Dr .Kawade N D.	Concept Of Agricultural Literature and Agriculture Universe In the Novels of Rajan Gawas	UGC	Rs.85,000/-	2011-2013

18. Research Centre /facility recognized by the University :- Nil

19. Publications:

* a) Publication per faculty

Name of Faculty	Journals	National	International	ISSN/ISBN
* N Prof. Bagul M M	00	02		02
* Dr.BhopatkarA	03	01	05	09
* A				
* n				

unumber of papers published in peer reviewed journals

(national / international) by faculty:-

No.	Year	Name of faculty	Title of Paper	Name of journal with ISSN No, Vol., Page no. , Issue
-----	------	-----------------	----------------	--

1	2011	Dr. Bhopatkar A. A	Naac-Ifs And Buts	International Journal of Advances In Manegment, Tech. And Engr.Sciences,Pune Val. No I.Issue Iii (1)Dec 2011 Issn No. 2249-7455
2	2012	Dr. Bhopatkar A. A	Role Of Technology in Commuication	International Journal Pof Advances In Manegment, Tech. And Engr.Sciences,Pune Val. No I.Issueiv (1)Jan 2012 Issn No. 2249-7455
3	2012	Dr. Bhopatkar A. A	Socio-Political Aspect O Ambedkars Hindu Code	Interdisciplinary Conference. Dr B R Ambedkars Idology And Socio Political Moment In Asia-Pune Mar 2012
4	2012	Dr. Bhopatkar A. A	Role Of Langauage In Communication	Interdisciplinary Conference. Bangkok Thiland Mar 2012
5	2013	Dr. Bhopatkar A. A	Vidnyan Kalpnikata Ani Bhasha Adyapan	First World Conference On "Science Foction Study " In India-Bharti Vidyapith Pune
6	2013	Dr. Bhopatkar A. A	Relevance Of Three tier Langauages In Modern Era	National Conference Indoor Jan 2012

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) :- Nil

* **Monographs**

* Chapter in Books : - Nil

Journals

No.	Year	Faculty	Title of Paper	Details of Conference Publicat	ISSN/ISBN No
-----	------	---------	----------------	--------------------------------	--------------

1	2011	Dr. Bhopatkar A. A	Kathakar Sudha Narvane	Saksham Samiksha	ISSN 2231-4377
2	2012	Dr. Bhopatkar A. A	Loksahtya Va Loksanskruti Parspar Anub Shodh-“Vovi” Chya Sandrabhat	Golden Research Thoughts	ISSN Val. I, Issu Viii/Feb 2012 Issn No 2231 5063
3	2013	Dr. Bhopatkar A. A	Dr. Nagnath Yancya “Sandar Katha Sa Kathavishwa	Dr Nagnath Kotapalle – Vyakti Ani Wangmaya	Issn.978-81- 925003-1-7
4	2013	Prof .Bagu M.M.	Kokana Bolicha Parichaya	Gorwani Aurangabad	ISSN -2229 -7324
5	2014	Prof .Bagu M.M.	Kokana Aadivasichi Loksanskruti	Indian Journals Of Research studies(IJORS)in Languages & Literature	ISSN -2321 -0141

PAPER PRESENT

SR NO	NAME OF THE TEACHER	UNIVER SITY	STATE	NATIONAL	INTER NATIONAL	TOTAL
1	Prof. Bagul M.M.	----	-----	01	----	01
2	Dr. Bhopatkar A.A.					

Books Edited

Books with ISBN/ISSN numbers with details of publishers

- * Citation Index
- * SNIP
- * SJR
- * Impact factor
- * h-index

20). Areas of consultancy and income generated:-

Nil

- 21). Faculty as members in:-
 a) National committees b) International Committees c) Editorial Boards-- Nil
- 22). Student projects:- Nil
 a. Percentage of students who have done in-house projects including inter departmental/programme :-
 b Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies. Nil
23. Awards/ Recognitions received by faculty and students:-
 Recognitions received by faculty.
 Awards: - Nil
 Recognition:--

Sr.no.	Name of the Faculty	Type of Recognition	University	From-- To
01	Prof. M.M.Bagul	PG Recognition	University of Pune	20/03/2012 to 19/03/2017
02	Dr. Bhopatkar A.A.	PG Recognition	University of Pune	14/05/2009 to 13/05/2014

24. List of the eminent academicians and scientists/ visitors to the department:-

Sr.No.	Name	Designation	Date	Purpose of Visit
01	Dr. Ashok Shinde	BOS Chairman, University of Pune.	12/09/2011	Guest Lecture
02	Dr. Bhaskar Shelke	BOS Member, University of Pune.	10/02/2012	Guest Lecture

03	Dr. Milind Kasabe	HOD Dept. of Marathi Narayangaon	10/02/2012	Guest Lecture
----	-------------------	--	------------	---------------

25. Seminars/ Conferences/Workshops organized & the source of funding

Nil

26. Student Profile Programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
F. Y. B. A					
2004-2005	244	244	140	104	96.00%
2005-2006	231	231	141	09	95.00%
2006-2007	214	214	98	116	96.89%
2007-2008	221	221	130	91	97.67%
2008-2009	251	251	116	85	92.27%
2009-2010	278	278	178	100	89.68%
2010-2011	265	265	156	109	79.62%
2011-2012	263	262	180	83	86.27%
2012-2013	257	257	178	79	93.53%
S.Y.B.A					
2004-2005	34	34	12	22	84.11%
2005-2006	28	28	11	17	95.00%
2006-2007	12	12	04	08	100%
2007-2008	24	24	09	15	90.00%
2008-2009	27	27	15	12	78.00%
2009-2010	15	15	08	07	100%
2010-2011	18	18	06	12	100%
2011-2012	17	17	08	09	85.71%
2012-2013	22	22	07	15	88.00%

*M=Male F=Female

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
T. Y. B. A					
2004-2005	35	35	13	22	85.71%
2005-2006	23	23	07	16	59.56%
2006-2007	17	17	05	12	100%
2007-2008	11	11	05	06	90.00%
2008-2009	21	21	07	14	94.00%
2009-2010	20	20	08	12	100.0%
2010-2011	09	09	06	03	100%
2011-2012	17	17	06	11	100%
2012-2013	11	11	05	06	100%
M. A. MARATHI					
2004-2005	09	09	04	05	90.00%
2005-2006	16	16	07	09	87.09%
2006-2007	10	10	07	03	60.00%
2007-2008	10	10	06	04	70.00%
2008-2009	15	15	07	08	53.33%
2009-2010	14	14	04	10	90.00%
2010-2011	17	17	07	10	94.11%
2011-2012	10	10	04	06	90.00%
2012-2013	14	14	05	09	100%

*M=Male F=Female

27. Diversity of students

Name of the course	% of students from the same state	% of students from other state	% of students from abroad
B.A.	100%	Nil	Nil
M.A.	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?

Sr.No.	Name of the Student	Year	Exam. passed	Year of passing
01	Anand Pansare	2007	M.P.S.C.	2013

29. Student progression

Student progression	Against % enrolled									
	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014

Student progression	Against % enrolled									
UG to PG	04	04	03	03	06	04	05	03	---	---
Strength										
PG to Ph.D.	Nil	Nil	Nil	Nil	Nil	Nil	Nil	01	Nil	Nil
Ph.D. to Post-Doctoral	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Employed • Campus selection • Other than campus recruitment										
Entrepreneurship/Self-employment										

30. Details of Infrastructural facilities

d) Central Library:-

Central library consisting of about 9239 text and reference books costing around Rs. 697728/-

b) Marathi Journals & Periodicals printed = 15

c) Internet facilities for Staff & Students:

Internet facility is available to staff and Students in department as well as in central library.

e) Laboratories:-

Language Lab in Marathi, Hindi, English

1	Computer	
2	LCD	

31. Number of students receiving financial assistance from college, university, government or other agencies: NIL

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts. Nil

33. Teaching methods adopted to improve student learning.

1) Use of Chart and models 2) Group Discussions 3) Student seminars.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Institutional Responsibilities:-

Sr.No.	Name	Name of the Committee	Position
01	Prof.M.M.Bagul	NAAC Criterion No. 2 Teaching Learning Evaluation	Member
02	Prof.M.M.Bagul	Megazine Committee	Chairman
03	Prof.M.M.Bagul	Debating Committee	Member
04	Prof.M.M.Bagul	Gymkhana Committee	Member

Extension Activities:-

Sr.No.	Name	Name of the Committee	Date	Position
01	Prof.M.M.Bagul	Worked in the various exams of University of Pune	From 2004-05 onwards	Examiner External and Internal Senior Supervisor
02	Prof.M.M.Bagul	Worked as an Examiner for Elocution Competition at Chaitanya Highschool Otur (Taluka Level)	13/10/2012	Examiner
03	Dr.A.A.Bhopatkar	Worked in the various exams. of University of Pune	From 2004-05 onwards	Examiner External and Internal Senior Supervisor

35. SWOC analysis of the department and Future plans.

J) Strength

Location- Our College is located in Rural and Hilly area. But from establishment there is no any problem of student strength because of good educational reputation of college and departments. We have highly qualified, dedicated and experienced faculty.

K) Weakness

- No research Center
- Due to attraction of professional courses and their easy availability around the Pune, enrollment of average and below average students takes place at entry point of UG and PG courses.
- As PG course is not permanently recognized by university and UGC it is difficult to employ permanent faculty for PG course.

Opportunities:

- To develop well known research center for English affiliated to Pune University.
- To develop collaboration with nearby research centers.
- To arrange campus interviews for placement.

Challenges:

To attract scholar students for UG and PG courses.

To improve quality of students so that they will qualify competitive examinations such as NET, SET, etc.

To enrich department with advanced equipments

To establish research center

37. Future Plans:

- 1) To introduce self funded, short term courses in Marathi Grammar.
- 2) To introduce PG diploma course in Marathi Translator.

IX. Evaluative Report of the Department of Mathematics

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department :- MATHEMATICS
2. Year of Establishment :- JUNE 1970
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :- FY & S.Y.B.Sc MATHEMATICS
4. Names of Interdisciplinary courses and the departments/units involved :- NIL
5. Annual/ semester/choice based credit system (programme wise) :- FYBSC-ANNUAL & SYBSC -SEMESTER
6. Participation of the department in the courses offered by other departments :- NIL
7. Courses in collaboration with other universities, industries, foreign institutions, etc. :- NIL
8. Details of courses/programmes discontinued (if any) with reasons :- NIL
9. Number of Teaching posts

	sanctioned	Filled
Professors		
Associate Professors	NIL	NIL
Asst. Professors	01	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Prof. More S.S.	MSC, M.PHIL, SET.	Asst.Prof.	Maths	20	NIL

11. List of senior visiting faculty :- NIL

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty :- NIL
13. Student -Teacher Ratio (programme wise) :- UG : 117:01
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :- NIL
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
:- M.Phil-01
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received :- NIL
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received :- NIL
18. Research Centre /facility recognized by the University :- NIL
19. Publications: :- NIL
 - * a) Publication per faculty
 1. International J. Of Pure and Engg. Mathematics ISSN 2348-3881.Vol.2 No.I (April 2014) (Characterization Of Special Subspace).
 2. International J. Of Math. Sci and Engg. Appls ISSN 0973-9424, Vol 8,No-II (March 14) P.P. 207-2012(Embedding Of Weakly RICKART * - Ring)
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Monographs
 - * Chapter in Books
 - * Books Edited

- * Books with ISBN/ISSN numbers with details of publishers
- * Citation Index
- * SNIP
- * SJR
- * Impact factor
- * h-index

20. Areas of consultancy and income generated :- NIL

21. Faculty as members in :- NIL

a) National committees b) International Committees c) Editorial Boards....

22. Student projects :- NIL

a) Percentage of students who have done in-house projects including inter departmental/programme

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

23. Awards/ Recognitions received by faculty and students :- NIL

24. List of eminent academicians and scientists/ visitors to the department :- NIL

25. Seminars/ Conferences/Workshops organized & the source of funding :- NIL

a) National b) International

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled (M:F)	Pass percentage
SYBSC				
2004-05	19	19	12:07	89.4
2005-06	18	18	12:06	90.7
2006-07	27	27	15:12	98.7
2007-08	19	19	10:09	70.1
2008-09	21	21	12:09	68.2
2009-10	13	13	5:08	71.7
2010-11	26	26	14:12	83.3
2011-12	39	39	18:21	57.26
2012-13	37	37	14:23	90.98

27. Diversity of Students :-

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
FYBSC	100	NIL	NIL
SYBSC	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.
? :- 01 (NET)

29. Student progression :- NIL

Student progression	Against % enrolled
UG to PG	NIL
PG to M.Phil.	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed • Campus selection • Other than campus recruitment	NIL
Entrepreneurship/Self-employment	NIL

30. Details of Infrastructural facilities

- a) Library: - 1258 Books Cost around :-66177.00
- b) Internet facilities for Staff & Students
- c) Class rooms with ICT facility
- d) Laboratories

31. Number of students receiving financial assistance from college, university,

Sr.no	Year	FYBSC	SYBSC
1	2004-05	1	NIL
2	2005-06	1	1
3	2006-07	NIL	2
4	2007-08	NIL	NIL
5	2008-09	NIL	1

6	2009-10	1	NIL
7	2010-11	1	1
8	2011-12	1	1
9	2012-13	6	1
10	2013-14	6	2

32. government or other agencies :-

33. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts :- SYBSC students attended 2 days workshop on “Computational Mathematics” at A.A. College, Manchar from 21 to 22 Jan.2007.

Ms.Shete Manisha Attended MTTTS Program from 14 May to 9th June 2007 at Mumbai.

34. Teaching methods adopted to improve student learning :-

- Blackboard Teaching
- Problem solving by Students of Board
- Seminars by Students

35. Participation in Institutional Social Responsibility (ISR) and Extension activities :- Science Exhibition ,NSS, NCC, Blood Donation Camp & Cultural Programs.

36. SWOC analysis of the department and Future plans :-

Strength	Junior College is attached, so that students needn't struggle for admission. Library with variety of text and reference books. Pollution free campus with hostels. Motivated and enthusiastic faculty.
Weakness	Lack of maths at principal level.
Opportunity	To begin maths at principal level.
Challenges	To attract good students for Maths.

37. Future Plans :-

- To introduce mathematics at principal level.

X. Evaluative Report of the Department of PHYSICS

Vision: - Enrichment of the student to generate self employment

Mission: - To impart skilled based education and quality research

About Department:

Physics Department was established on 20th June 1990 with special subject B.Sc. Physics. Department runs the B.Sc-Physics (F.Y, S.Y, and T.Y) course with elective subjects Material Science and Laser. The department has produced large number of graduate students from the establishments. The result of Physics department in every year is above 90 % and most of the candidates are passed in first class with distinction. Department has organized number of university and college level seminar and workshops for students, researchers and Teachers. Department has collaboration with Giant Meter-wave Radio Telescope (GMRT), Khodad, Department of Physics, University Of Pune, Inter University Center for Astronomy and Astrophysics (IUCAA), Pune, National Center for Radio Astronomy (NCRA), Pune and National Grape Research Center, Agar Tal: Junnar. Department has well qualified and experienced staff, which are actively engaged in research and academics. Prof. Dhakane S.F. has completed three minor research project funded by University Grant Commission (UGC) and BCUD, UOP. From the Academic Year 2013-2014, we have started the Post graduate M.Sc(Physics) Course with specialization of Energy Studies and Bio-Physics.

Our department has organizes various educational activities such as Science exhibition, Study tour, Research Laboratory and industry visit. The student from the department has actively participated and presented their projects in AVISHKAR, ANVENSION, research Conferences, Seminar, and Workshop. Moreover, Department has conducted various competitive exams, wherein, Indian association of Physics Teacher organizes the National Graduate Physics Examination (NGPE) for B.Sc students and from last 10 years the department has organized this exam.

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department : **DEPARTMENT OF PHYSICS**
2. Year of Establishment : **20th June 1990**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :
UG:- F.Y, S.Y, and T.Y. B.Sc.(PHYSICS),
PG:-M.Sc.(PHYSICS) PART-I
4. Names of Interdisciplinary courses and the departments/units involved: **NIL**
5. Annual/ semester/choice based credit system (Programme wise) :

Annual	Semester	Choice Based credit System
B.Sc. I st year	B.Sc.II nd year	M.Sc.I st year
	B.Sc. III rd year	

6. Participation of the department in the courses offered by other departments:
NIL
7. Courses in collaboration with other universities, industries, foreign institutions, etc.
 - **NIL**
8. Details of courses/programmes discontinued (if any) with reasons
 - **NOT APPLICABLE**
9. Number of Teaching posts

	Sanctioned	Filled
Professors	---	----
Associate Professors	01	01
Asst. Professors	05	03

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Mr. Dhakane S.F.	M.Sc. M.Phil. Ph.D (Registered)	Asso. Professor	Electronics/ Biophysics	26 Years	NIL
Mr. Borate H.M.	M.Sc. SET Ph.D (Registered)	Asst. Professor	Material Sciences	4 Years	NIL
Dr. Mene R.U.	M.Sc.B.Ed., M.Phil. Ph.D	Asst. Professor	Nano materials Science	1.5 Years	NIL
Mr. Kawade A.N.	M.Sc. B.Ed., NET Ph.D (Registered)	Asst. Professor	Chemical Physics	1.5 Years	NIL
Mr. Dangat P. V.	M.Sc.	Asst. Professor	Acoustics/ Electronics	1 Years	NIL
Mr, Dumbre A. S.	M.Sc.	Asst. Professor	Energy Studies	0.5 Years	NIL

11. List of senior visiting faculty

1. Prof Pandit Vidyasagar, Vice-Chancellor, S. R. T. M. University, Nanded.
2. Prof. S. D. Dhole, Department of Physics, University of Pune, Pune
3. Prof. Arun Adsul, Principal, Vidya Pratisthans Arts, Science, Commerce College, Baramati, Pune
4. Dr. K. C. Mohite, Principal, H. V. Desai College, Pune
5. Prof. B. G. Wagh, Principal, K. K. Wagh College, Nashik
6. Prof. S. D. Aghav, Head, Dept of Physics, B. Gholap College, Sanghavi, Pune.
7. Dr. Pandit Shelke, Director, Board of Students Welfare, University of Pune
8. Dr. Tambade P.S. Head, Dept of Physics, Ramkrishna More College Akurdi
9. G. T. Shirole, PVP, Arts, Science, Commerce College, Pravaranagar, Ahmadnagar.
10. J. K. Solanki, Administrative officer, GMRT, Khodad, Pune
11. Dr. S. B Iyyer, Vice Principal, Ahmednagar College, Ahmednagar.
12. Prof R B Bhise, Asst. Prof, B J College, Ale, Pune

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

Name	Program me	No. of Lectur es	No. of Practical Batches	Percentage %	
				Lectur e	Practica l
Mr. Dangat P. V.	FYBSc.	3	4	50.00	16.66
Mr. Dangat P. V.	TYBSc.	4	---	16.66	---
Mr. Dumbre A.S.	TYBSc.	4	----	16.66	----
Mr. Dangat P. V.	M.Sc	4	4	25.00	50.00
Mr. Dumbre A.S.	M.Sc	4	4	25.00	50.00

13. Student -Teacher Ratio (Programme wise)

Year	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012 - 2013	2013-2014
Total Student Strength	109	113	88	103	104	125	147	167	169	220
No. of Faculty	4	4	4	4	4	4	5	5	5	5
Ratio for total strength of the department	27:1	28.25 :1	22:1	25.75 :1	26:1	31.25 :1	29.4: 1	33.4: 1	33.8: 1	44:1
Strength FY	79	79	45	54	56	97	115	109	103	132
Ratio FY	20:1	20:1	11.25 :1	13.5: 1	14:1	24.25 :1	23:1	21.8: 1	20.6: 1	26.4: 1
Strength SY	19	18	30	20	27	13	26	39	43	50
Ratio SY	5:1	4.5:1	7.5:1	5:1	6.75: 1	3.25: 1	5.2:1	7.8:1	8.6:1	10:1
Strength TY	11	16	13	29	21	15	06	19	23	38
Ratio TY	3:1	4:1	3.25: 1	7.25: 1	5.25: 1	3.75: 1	1.2:1	3.8:1	4.6:1	7.6:1
Strength of M.Sc Ist										26
Ratio M.Sc										13:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Posts	Sanctioned	Filled
Lab Assistant	1	1
Lab Attendant	2	2

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr NO	Name	Qualification
1	Mr. Dhakane S.F.	M.Sc. M.Phil.
2	Mr. Borate H.M.	M.Sc. SET
3	Dr. Mene R.U.	M.Sc. B.Ed., M.Phil.PhD
4	Mr. Kawade A.N.	M.Sc. B.Ed., NET
5	Mr. Dangat P. V.	M.Sc.
6	Mr, Dumbre A. S.	M.Sc.

- **Ph.D = 01; M.Phil = 01; PG – 4**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **NIL**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received

Sr. No	Name of Investigator	Title of Research Project /Scheme	Year	Name of Funding Agency	Duration	Amount Sanctioned	Major / Minor
1	Prof S F Dhakane	Study and Measurements of the Micronutrients in Soils using Physical Techniques of Grape	2004 - 2005	UGC, New Delhi	2 Yrs	35,000/-	Minor
2	Prof S F Dhakane	Measurements and study of the Micronutrients in Soil of grape vine yard in Junnar Tahsil	2009 - 2011	BCUD, University of Pune	2 Yrs	50,000/-	Minor
3	Prof S F	Study and	2010	UGC,	2 Yrs	1,45,000/-	Minor

	Dhakane	measurements of pH of soil in grape vine yards	- 2012	New Delhi			
Total Grant Received						2,30,000/-	

18. Research Centre /facility recognized by the University = **NIL**

19. Publications:

a) Publication per faculty

Sr. No	Name of Faculty	No. of publications in Peer reviewed Journal	No. of publications in Non Peer reviewed Journal	No. of Books	No. of Chapters/ contribution in Book
1.	Prof. S. F. Dhakane	----	03	---	1
2.	Prof.Dr. R. U. Mene	10		--	--

b) Number of papers published in peer reviewed journals (national / international) by faculty and students: **Three + Ten**

Prof S. F. Dhakane:-

Sr No	Name of Author/s	Year	Title of the Paper	Name of Journal	Vol.	Page Nos.	Status	Impact Factor
1	Phapale N.S. Pansare R K, Bhise R B, Dhakane S F	2014	Automation System for saving electricity using temperature sensor and IR receiver"	Proceedings of 18 th National seminar on Physics and Technology of Sensor	1	101-103	National	ISBN 978-81-924850-1-0
2	Dhakane S F	2013	"Using photonics techniques in agriculture as a applications: A Case study on the effect of pesticides over does in grape wine yards (vitis vinitera L) Leaves"	Proceedings National Conference on physics and chemistry of advanced materials	1	682-687	National	ISBN No:- 978-93-83183-26-5
3	Dhakane S F	2013	"Thermo luminescence Techniques in Agriculture: Investigations on the effect of insecticides growth regulator, over doses in grape vine yards (vitis vinifera L) leaves "	Proceddings of National conference on Nanomaterials: Applications and properties		40	National	

Prof. Dr. R. U. Mene:-

Sr No	Name of Author/s	Year	Title of the Paper	Name of Journal	Vol.	Page Nos.	Status	Impact Factor
1	<u>R. U. Mene</u> , M. P. Mahabole, R. C. Aiyer, R. S. Khairnar,	2010	"Hydroxyapatite Nanoceramic Thick Film: An Efficient CO ₂ Gas Sensor"	Open Applied Physics Journal.	3	10-16	International	1.3
2	<u>Ravindra U Mene</u> , Megha. P. Mahabole, Rajendra. S. Khairnar	2011	"Surface Modified Hydroxyapatite Thick films for CO ₂ Gas Sensing Application: Effect of Swift Heavy Ion Irradiation.",	Radiation Physics and Chemistry.	80(6)	682-687	International	1.375
3	<u>Ravindra. U. Mene</u> , Megha. P. Mahabole, Ramphal Sharma, Rajendra. S. Khairnar,	2011	"Enhancement in CO Gas Sensing Properties of Hydroxyapatite Thick Films: Effect of Swift Heavy Ion Irradiation"	"Vacuum"	86	66-71	International	1.530
4	Pradny. N. Chavan, Manjushree. M. Bahir, <u>Ravindra. U. Mene</u> , Megha. P. Mahabole, Rajendra. S. Khairnar,	2010	"Study of Nanobiomaterial Hydroxyapatite in Simulated Body Fluid: Formation and Growth of Apatite."	Material Science and Engineering B.	168	224-230	International	1.846
5	Rajendra. S. Khairnar, <u>Ravindra. U. Mene</u> , Shivaji. S. Mundhe, Megha.P. Mahabole,	2012	"Nano-Hydroxyapatite Thick Film Gas Sensor" AIP Conf.	American Institute of Physics	1415	189-192	International	1.3
6	Megha. P. Mahabole <u>Ravindra U Mene</u> , R. S. Khairnar,	2013	"Gas sensing and Dielectric studies of Cobalt doped Hydroxyapatite thick films"	Advanced Materials Letter	4(1),	46-52	International	
7	<u>Ravindra U. Mene</u> , M. P. Mahabole, and R. S.	2012	Surface Modification of Cobalt doped Hydroxyapatite Thick Films via Swift	Proceedings of IMCS 2012 -	1	1180-1184,	International	DOI 10.5162 /IMCS 2012

	Khairnar,		Heavy Ion Irradiations for CO and CO ₂ Gas Sensing Application,	The 14th International Meeting on Chemical Sensors,				/P1.9.9
8	<u>Ravindra U Mene</u> Megha. P. Mahabole, K.C. Mohite, R. S. Khairnar,	2014	"Fe doped Hydroxyapatite thick films modified via Swift Heavy Ion Irradiation for CO and CO ₂ gas sensing applications.",	Journal of Alloys and Compounds	584	487-493	International	2.390
9	<u>Ravindra U Mene</u> Megha. P. Mahabole, K. C. Mohite, R. S. Khairnar,	2014	"Improved Gas Sensing and Dielectric Properties of Fe doped Hydroxyapatite Thick Films: Effect of Molar Concentrations",	Material Research Bulletin.	50	227-234	International	2.141
10	<u>Ravindra U. Mene</u> , M P. Mahabole, K.C. Mohite and R. S. Khairnar,	2014	Cobalt blended Hydroxyapatite as a CO Gas Sensor,	Proceedings of National Conference	2014	91-96.	National	ISBN 978-93-83414-18-5

- c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): **9**

All the published papers mentioned above are listed in International Databases viz., Scopus and Elsevier database.

d) Monographs: **NIL**

e) Chapter in Books:

Recent Trends in Biotechnology ISBN : 8172333692 Chapter-16- Investigations related to the effects of gibberellic acid in the presence of an insecticide and fungicide on the photosynthetic electron transport chain in grape leaves (*Vitis vinifera* L.)/**S.F. Dhakane,**

f) Books Edited: **NIL**

g) Books with ISBN/ISSN numbers with details of publishers: **NIL**

h) Citation Index : **20**

i) SNIP: **NIL**

j) SJR:**NIL**

k) Impact factor : **11.882**

l) h-index : **3**

20. Areas of consultancy and income generated: **NIL**

21. Faculty as members in

a) National committees: **NIL**

b) International Committees: **NIL**

c) Editorial Boards: **NIL**

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: **UG 100%**

Year	2004 - 2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Student Strength	11	16	13	29	21	15	06	19	23	38
No. of Students who have done the projects	11	16	13	29	21	15	06	19	23	38
Percentage%	100	100	100	100	100	100	100	100	100	100

Sr .	Title of the Project	Name of Students	Class	Name of Guide(s)
<u>AVISHKAR 2013 (12/12/2013), at Prof. Ramkrishna More College, Akurdi, Pune.</u>				
1	Motor Cycle Security System	Mr. Abhijeet Dangat, Yevale Ravindra	S.Y.B.Sc	Prof Dhakane S F & Dr Mene R U
2	Solar Car	Dumbre Mitesh, Dumbre Hemant	S.Y.B.Sc	Prof Dhakane S F & Dr Mene R U
<u>AVISHKAR 2012 (12/12/2012), at Prof. Ramkrishna More College, Akurdi, Pune.</u>				
1.	GMRT Telescope	Miss Aarti Dhakane, Mule Sushma	S.Y.B.Sc	Prof Dhakane S F
2.	Electricity Amplifier for Solar Energy (<i>Selected for</i>	Mr. Ravindra Chintaman Yewale	F.Y.B.Sc.	Prof Dhakane S F & Dr Mene R U

	<u>University level competition)</u>	Mr. Mitesh Sharad Dumbre		
Avishkar 2011 at H.V.Desai College, Pune				
1	Solar Energy and its Application	Pansare Pranay, Kokane Rahul	T.Y.B.Sc	Prof Dhakane S F
Avishkar 2010 (17/12/2009) at Samarth Bharath Abhiyan, Pabal				
1	Automatic Motor Control System	Miss Shete S S, Miss Tambe Snehal S.	T.Y.B.Sc	Prof Dhakane S F
Avishkar 2009 (17/12/2009) at B. R. Gholap College, Sangavi				
1	Agriculture animal husbandary	Miss Shete S S, Miss Karpe S D	S.Y.B.Sc	Prof Dhakane S F
2	Renewable Energy Sources	Salve S P	T.Y.B.Sc	
AVISHKAR 2008 (24-25/09/ 2008), at B. R. Gholap College, Sangavi				
1	Electricity generation using Wind mill	Mr. Jadhav Ganesh Vasant Mr. Shelke Sushant K, Mr. Tambe Sunil G	T.Y.BSc. FYBSc.	Prof Dhakane S F

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies= **NIL**

23. Awards/ Recognitions received by faculty and students

Dr. R. U. Mene:-

- Received the **First Prize** for presenting the work entitled “**Nano Ceramic gas sensor**” in Avishkar Research Festivals (Dec-2007) organized by SRTM University, Nanded, held at Rajarshi Shahu College, Latur, (MS) India., under the category of Pure Sciences (Research level) (8-10th Dec 2007).
- Received the **Second Prize** in “International Conference SAMPADA held at YASHADA, Pune (MS) India, on the topic entitled “**Study of Nanobiomaterial HAP In SBF: Formation and Growth of Apatite**” (8-12th Dec-2008).
- Received the **Second Prize** for presenting the work entitled “**Growth of Calcified Tissues on Nano-Ceramic in Simulated Body Fluid**” in Avishkar Research Festivals organized by SRTM University, Nanded, held at Adarsh College, Hingoli, (MS) India., under the category of Pure Sciences (Research level) (13-14th Dec-2008).
- Received the **Second Prize** for presenting the work entitled “**Effect of Swift Heavy Ion irradiation on Hydroxyapatite CO and CO₂ gas sensor**” in “UGC sponsored state level seminar on “Advances in Science and Technology of

Nanomaterials (AISATON – 2010)” held at Sakri dist: Dhule, (8-9th March 2010).

- Received the **Second Prize** for presenting the work entitled “**Nanocrystalline Hydroxyapatite thick films modified by Swift Heavy Ion irradiation for CO and CO₂ gas sensing application**” in “SRTMUN sponsored Interdisciplinary workshop on Nanoscience” held at SRTM University, Nanded, (27th Feb 2012).

24. List of eminent academicians and scientists/ visitors to the department

1. Dr. Pandit Vidyasagar Head Department of Physics, Pune University.
2. Dr. K. C. Mohite, Dean Science faculty University of Pune.
3. Dr. B. G. Wagh, Chairman, BOS in Physics, University of Pune.
4. Prof. Arun Adsul, Principal, Vidya Pratisthans Arts, Science, Commerce College, Baramati, Pune
5. Prof. S. D. Aghav, Head, Dept of Physics, B. Gholap College, Sanghavi, Pune.
6. Dr. Pandit Shelke, Director, Board of Students Welfare, University of Pune
7. Dr. Tambade P.S. Head, Dept of Physics, Ramkrishna More College Akurdi

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National: NIL

b) International: NIL

c) Workshop: 4

1. One Day Workshop on “Modeling of basic concepts of physics for secondary and higher secondary science Teachers” organized on 1st March 2014 at A. W. College, Otur, Sponsored by IAPT (Indian Association of Physics Teachers) Kanpur.
2. One Day Workshop on “Radio Telescope and its Applications” organized on 2nd Feb 2013 at GMRT, Khodad, Naryangaon, Pune, Sponsored by Board of Students Welfare, University Of Pune.
3. One Day seminar on “100 years of STR, Brownian Motion and Photoelectric effect” Organized on 07th March 2005

4. One Day Workshop on “S.Y. B.Sc Syllabus forming” organized at A.W. College, Otur, Sponsored by BCUD, University of Pune.

26. Student profile programme/course wise:

Year	Class	Application received	Selected	Enrolled Student		Pass percentage %
				Male	Female	
2004-2005	F.Y.B.Sc	91	91	61	30	54.43
	S.Y. B.Sc	19	19	12	7	94.73
	T.Y.B.Sc	11	11	8	3	100
2005-2006	F.Y.B.Sc	96	96	66	30	76.33
	S.Y. B.Sc	18	18	9	9	94
	T.Y.B.Sc	16	16	10	6	100
2006-2007	F.Y.B.Sc	56	56	37	19	85.52
	S.Y. B.Sc	30	30	19	11	94.33
	T.Y.B.Sc	13	13	9	4	100
2007-2008	F.Y.B.Sc	54	54	34	20	91.33
	S.Y. B.Sc	20	20	10	10	84
	T.Y.B.Sc	29	29	14	15	92.85
2008-2009	F.Y.B.Sc	56	56	24	32	60
	S.Y. B.Sc	25	25	16	9	91.43
	T.Y.B.Sc	21	21	9	12	100
2009-2010	F.Y.B.Sc	97	97	47	50	73
	S.Y. B.Sc	13	13	4	9	92.30
	T.Y.B.Sc	15	15	10	05	60
2010-2011	F.Y.B.Sc	115	115	58	57	76
	S.Y. B.Sc	26	26	13	13	93.07
	T.Y.B.Sc	06	6	6	0	100
2011-2012	F.Y.B.Sc	109	109	54	55	75
	S.Y. B.Sc	39	39	19	20	100
	T.Y.B.Sc	19	19	11	08	90
2012-2013	F.Y.B.Sc	103	103	45	58	82
	S.Y. B.Sc	43	43	21	22	98
	T.Y.B.Sc	23	23	13	10	65.27
2013-2014	F.Y.B.Sc	132	132	80	52	
	S.Y. B.Sc	50	50	22	28	
	T.Y.B.Sc	38	38	16	22	

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG	100%	0%	Nil
PG	100%	0%	Nil

- How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? **NIL**

28. Student progression

Student progression	Against % enrolled								
	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
UG to PG	9% (01/11)	68.7% 11/16	53.84% 07/13	68.96% 20/29	80.95% 17/21	46.66% 07/15	33.33% 02/06	52.63% 10/19	17.39% 04/23
PG to Ph.D	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Ph.D to post doctoral	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Employed through campus selections	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Other than campus recruitment	11	09	10	08	07	07	03	04	NIL
Entrepreneurship / self employment	NIL	NIL	NIL	01	01	NIL	NIL	01	01

29. Details of Infrastructural facilities

a) Library

i. In Central Library Total 73,377/- Textbook and Reference books are available. Wherein, Physics Text and Reference books are 1002 of an amount of Rs. 3,65,351/- while, Printed Journals of Physics are 03 worth Rs.

1265/- and e-journals related to Physics are 82 and 425 e-books related to physics are available.

ii. Departmental library: Total number of text and reference books:- 72, e-books:-205 open access journals. Books in Departmental library are kept for reference in the department and made available to the students.

b) Internet facilities for Staff & Students

Internet access is available in the department for all UG and PG students as well as teachers.

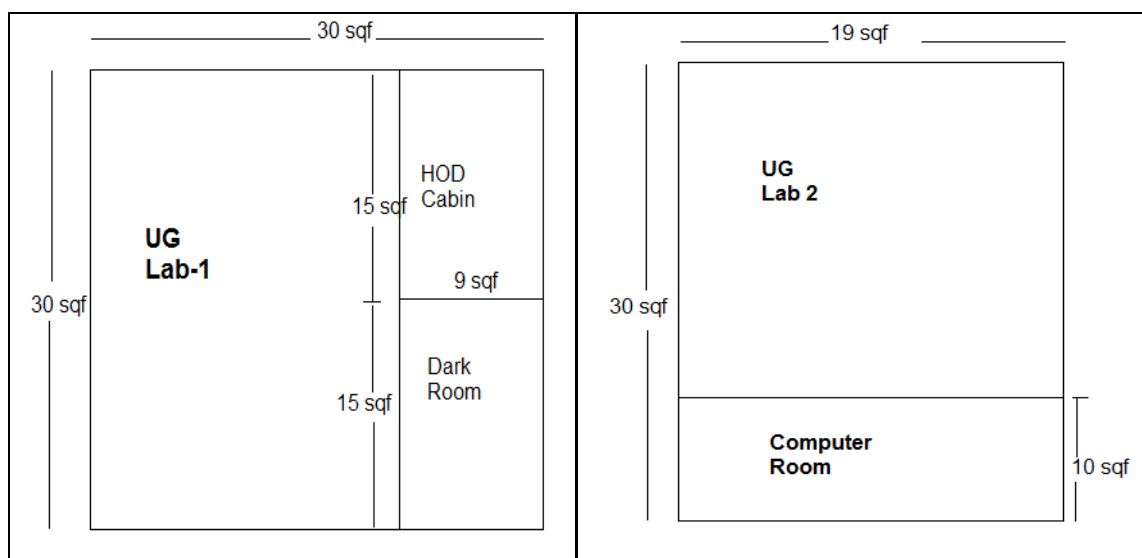
c) Class rooms with ICT facility

The College has virtual classroom used by faculty of this department whenever required. The faculty of the department has developed computer simulations, animations and power point presentation based laboratory equipments for teaching purposes.

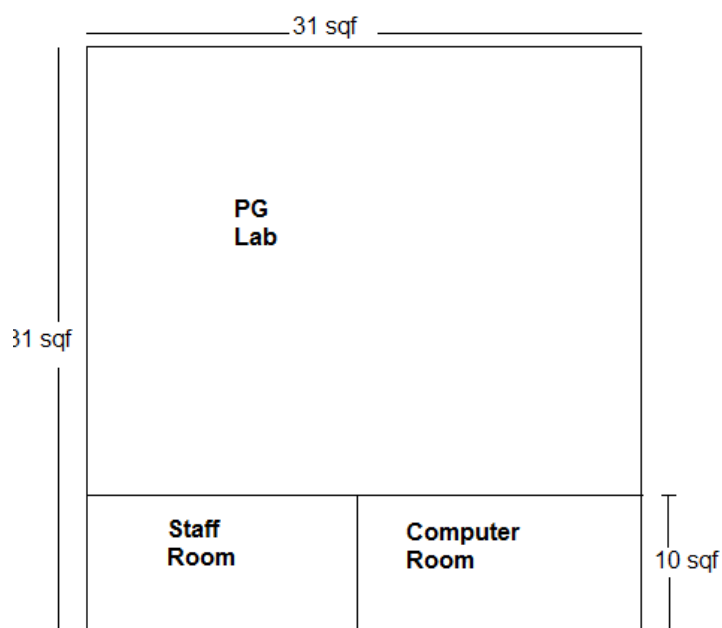
d) Laboratories

A) Under- Graduate Laboratory 1 :- 30 x 30=900 sqft

B) Under- Graduate Laboratory 2 :- 19 x 30=570 sqft



C) Post- Graduate Laboratory:- 31x31= 961 sqft



iii) Major instruments available in the laboratory:-

Sr. No.	Equipment	Quantity
1	GM Counter with Beta source	1
2	Spectrophotometer and soil testing kit,	1
3	Michelson Interferometer set,	1
4	Forbe's Method Apparatus,	1
5	He-Ne Laser SET,	1
6	Four Probe Method	1
7	Frank Hertz Apparatus	1
8	Milkans Oil drop Method	1
9	e/m measurement set up	1
10	Gouy's Method	1
11	Electron Spin Resonance,(ESR)	1
12	Cathode Ray Oscilloscope	8
13	Computer	5
14	Printer	1
15	Phoenix Kit	1
16	Lloyd's Mirror Set up	1
17	Planck Constant	1
18	Newton's Ring's Set up	1
19	Spectrometer	8
20	Black Body Radiation Stefan's Constant	1

Beside these 80 Charts on different diagrams and basic physics information, Various Electronic experimental Kits are available in the Department which are required for FY/SY/TY B.Sc Practical's.

30. Number of students receiving financial assistance from college, university, government or other agencies: **NIL**
31. Details on student enrichment programme (special lectures / workshops / seminar) with external experts

Sr. No.	Resource Person	Designation & Address	Topic of guidance
1.	Dr. Pandit Vidyasagar	Head Department of Physics, Pune University.	Application of Bio-Physics
2.	Dr. K. C. Mohite,	Dean Science faculty University of Pune	Generation and Utilization of Solar Energy.
3.	Dr. B. G. Wagh,	Chairman, BOS in Physics, University of Pune.	Modeling of basic Concepts of Physics
4.	Prof. Arun Adsul,	Principal, Vidya Pratisthans Arts, Science, Commerce College, Baramati, Pune	Application of Optics.
5.	Prof. S. D. Aghav,	Head, Dept of Physics, B. Gholap College, Sanghavi, Pune.	Nuclear and Electron Spin Resonance and its applications
6.	Dr. Pandit Shelke,	Director, Board of Students Welfare, University of Pune	Opportunities in Physics
7.	Dr. Tambade P.S.	Head, Dept of Physics, Ramkrishna More College Akurdi	Simulation and dynamics of Computational Physics
8.	G. T. Shirole,	PVP, Arts, Science, Commerce College, Pravaranagar, Ahmadnagar.	Opportunities in Research
9.	J. K. Solanki,	Administrative officer, GMRT, Khodad, Pune	Applications of Radio Telescope
10	Dr. S. B Iyyer,	Vice Principal, Ahmednagar College, Ahmednagar	Nanotechnology and its applications
11	Prof R B Bhise,	Asst. Prof, B J College, Ale, Pune	Classical and Quantum approach of Physics
12	Prof S D Dhole	Department of Physics, Pune University.	Radiation Sources and Detectors
13	Porf Satish Ekkar	Dept of Physics, B. Gholap College, Sanghavi, Pune.	Thermionic Emission and Skin Depth

- a. In addition to this every academic year remedial teaching has been arranged for F.Y.B.Sc students.
- b. Soft Skill development program for Ten days has been organized by our college every year for all graduate students.

- c. An opportunity is given to UG and PG students to participate in seminars organized by other colleges.
- d. Counseling of S.Y. B.Sc and T.Y. B.Sc students and their parents by our faculty (By arranging Parent-Teacher meeting).
- e. Personal counseling is done by our faculty to improve the academic performance and attendance of students.

32. Teaching methods adopted to improve student learning

- **Field Visits:** Visits to various Research Institute such as GMRT (Giant Meterwave Radio Telescope), Khodad, IUCAA, (Inter University Accelerator Center) Pune, NCRA (National Center for Radio Astronomy) Pune, BARC (Bhaba Atomic Research Center) Mumbai involving Report writing and submission.
- **Interactive and Web Based Lectures:** Interactive and Web based lectures are arranged for students to show video clips/animations on subject topics.
- **Students' Seminars:** Interested students are asked to deliver seminars on different topics using Power point presentation / on the blackboard.
- **Poster Presentation:** Students present the posters and sketches on basic concepts of Physics and Science related issues.
- **Multimedia:** Documentary / Processing videos are shown to the students on science and Technology based new innovation, research and marketing.
- **Exhibitions:** Exhibitions of **science Projects** and Scientific themes are organized.
- In addition to this faculty of this department uses ICT Material such as Power Point presentation, simulation, spread sheet program, You Tube videos for Teaching in all the papers.
- Various models such as crystal structures, syllabus based demonstration experiments are used to improve student's learning.
- Department has developed microcomputer based experiments which are used in the laboratory and class room teaching.

33. Participation in Institutional Social Responsibility (ISR) and Extension activities

A] Participation of the faculty in Institutional Social Responsibilities (ISRs):

Prof. S. F. Dhakane is having following responsibilities beside the teaching and research projects.

- xiii. **Local Management Committee (LMC)** Member of A.W. College, OTUR
- xiv. **Member**, Coordination Committee, Pune District Education Associations, Pune
- xv. **Asst. Coordinator, NAAC**, A. W. College, Otur.
- xvi. **Coordinator**, UGC and BCUD, UOP XIIth Plan all proposal.
- xvii. **Coordinator (IQAC)** Internal Quality Assurance Cell of the college.
- xviii. **Coordinator** Soft Skill Development Programm, A. W. College, Otur.
- xix. All the assigned examination duties are discharged with care during each semester every year.

Prof. H. M. Borate is having following responsibilities beside the teaching and research projects.

- i. **Program Officer**, National Service Scheme (NSS) A. W. College, Otur.
- ii. **Coordinator**, M.Sc Physics, A. W. College, Otur.
- iii. All the assigned examination duties are discharged with care during each semester every year.

Prof. Dr. R. U. Mene is having following responsibilities beside the teaching and research projects.

- i. **Asst. Coordinator**, Science Exhibition held at A. W. College, Otur.
- ii. All the assigned examination duties are discharged with care during each semester every year.

Prof. A. N. Kawade is having following responsibilities beside the teaching and research projects.

- i. **Coordinator**, Short Term Course on Computer Interfacing, held at A. W. College, Otur.
- ii. All the assigned examination duties are discharged with care during each semester every year.

B] Extension activities:

Prof. S. F. Dhakane:-

- xviii. Worked as **Member** in Local Inquiry Committee at MIT Arts, Commerce and Science College, Alandi. Tal: Khed, Dist: Pune
- xix. Worked as **Member** in Local Inquiry Committee at Asian Academy of Education and Research, Asian College of Commerce and Science College, Haveli Dist: Pune
- xx. Worked as **Subject Expert** in University of Pune Selection Committee at B.N. Purandare Arts, Commerce and Science College, Loanaval. Dist: Pune on 19th Jan 2013
- xxi. **Guest Lectures delivered** on “SWOT analysis” to the participants of Soft Skill Development program since 2010.
- xxii. **Guest Lectures delivered** to the participants of Soft Skill Development program at Savitribai Arts, Commerce and Science College, Pimpalgaon Peesa Tal: Shrigonda on 5th Feb 2010.
- xxiii. **Guest Lectures delivered** to the participants of Soft Skill Development program at Naryangaon Arts, Commerce and Science College, Narayangaon Tal: Junnar on 11th Dec 2010.
- xxiv. **Guest Lectures delivered** to the participants of Soft Skill Development program at Vilas Tambe Mahila College, Otur on 6th Jan 2010.

Prof. H. M. Borate:-

- i. **Guest Lectures delivered** on “Carrier Guidance” and “Interview Technique” to the participants of Soft Skill Development program since 2010.

Prof. Dr. R. U. Mene:-

- i. Participated in Participated in Refresher cum Orientation Course on “Experimental Techniques in Physics (PHY-UT-603) Orgnaised by Department of Physics, University of Pune during 17-22nd Dec 2013.

34. SWOC analysis of the department and Future plans

Strength of the department:

- Qualified and experienced staff.
- Spacious and well equipped laboratory.
- ICT facility
- Constant Student Flow,
- Research Projects undertaken,
- Publication of papers in the research journals of National and International Repute,
- Participation in AVISHKAR since 2008,

Weaknesses of the department:

- Sufficient experienced and qualified staff is not available for PG.
- For the characterization of materials the modern techniques such as SEM, XRD are not available.

Opportunities:

- To develop research facilities in Biophysics and energy studies
- Renovation and upgradation of the laboratory,
- Enrichment of Departmental library

Threats:

- Competition from nearby colleges.

Future Plan

- The department has planned to start research centre in Physics.

XI. Evaluative Report of the Departments PHYSICAL EDUCATION

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department:- Physical Education and Sports
2. Year of Establishment :- **1970**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
U.G and P.G
4. Names of Interdisciplinary courses and the departments/units involved:-
NiL
5. Annual/ semester/choice based credit system (programme wise) :- **NIL**
6. Participation of the department in the courses offered by other departments:-
NIL
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **NIL**
8. Details of courses/programmes discontinued (if any) with reasons:-
9. Number of Teaching posts

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	1	1

10. Faculty profile with name, qualification, designation, specialization,(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Paneru U.P	M.Ed(Phy.Edu) SET, Ph.D.	Assistant Professor	Physical Education	05	--

11. List of senior visiting faculty:- NIL
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: NIL

13. Student -Teacher Ratio (programme wise):-

UG :- PG :-

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:-

Administrative staff: - Nil Academic support staff (technical):- NIL

Technical Staff	Sanctioned	Filled
Peon	01	01

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr. No.	Name	Qualification
1	Paneru U.P	M. Ed (Phy.Edu), SET, Ph.D.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:-

Sr.No	Name of the principle Investigator	Title	Funding Agrencies	Amount sanctioned	Year
1	----	----	----	----	----

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received

Sr.No	Name of the principle Investigator	Title	Funding Agrencies	Amount sanctioned	Year
1	NIL				

18. Research Centre /facility recognized by the University:- Nil

19. Publications:

* a) Publication per faculty :-

- * Number of papers published in peer reviewed journals (national / international) by faculty and students :- National = 00
- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) :- Nil
- * **Monographs**
- * Chapter in Books
- * Books Edited
- * Books with ISBN/ISSN numbers with details of publishers
- * Citation Index
- * SNIP
- * SJR
- * Impact factor
- * h-index

20. Areas of consultancy and income generated :- **NIL**

21. Faculty as members in :- **NIL**

a) National committees b) International Committees c) Editorial Boards....

22. Student projects :- **NIL**

a) Percentage of students who have done in-house projects including inter departmental/programme: - **NIL**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

23. Awards/ Recognitions received by faculty and students:-

Recognitions received by faculty: **NIL**

24. List of eminent academicians and scientists/ visitors to the department:- **NIL**

25. Seminars/ Conferences/Workshops organized & the source of funding:- **NIL**

26. Student Profile Programme/course wise:

Student Participation:

Sr. No	Year	Inter-collegiate	Inter-zonal	Inter-university/ National
1	2004-05	Record not available	Record not available	01
2	2005-06	127	13	02
3	2006-07	48	02	02
4	2007-08	30	01	01
5	2008-09	08	01	01
6	2009-10	61	03	01
7	2010-11	91	05	00
8	2011-12	100	11	01
9	2012-13	137	11	02
10	2013-14	146	20	01

27. Diversity of Students : NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc? :-
NIL

29. Student progression: NIL

30. Details of Infrastructural facilities''

e) Library

b) Library: Central library facility available to the student.

c) Internet facilities for Staff & Students: Internet facility is available to staff and Students in department as well as in central library.

Sports Outdoor Facility:

Sr.No	Name of the court	Available Court
1.	400m Track standard	8 lane
2.	Volleyball	2
3.	Handball	2
4.	Basketball	1
5.	Football	1
6.	Kho-Kho	2
7.	Kabaddi	2
8.	Archery	2
9.	Netball	1

10.	Baseball	1
11.	Softball	1
12.	Cricket	1

Indoor Facility

Sr.No	Name of the court	Available Court
1.	Badminton Court	2
2.	Table Tennis	2
3.	Chess	5
4.	Yoga and Meditation Hall	1
5.	Weight Training Hall	1
6.	Carom Room	1
7.	Wrestling Hall	1
8.	Aerobics Hall	1

- Gym is equipped with following instruments
 1. 8 station multi-Gym
 2. 6 station multi-Gym
 3. Dumbbells
 4. Weight lifting roads and plate
31. Number of students receiving financial assistance from college, university, government or other agencies
- While the players participated in any competitions college gives T.A. and 120.00 rupees D.A to the participants.
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts
- Department arranges coaching camp for the student and organized various inter-zonal, inter-collegiate district level and annual sports meet for mass participation in sports.
 - **Department event organization**
Following events are organized by the Department of Physical education and sports .

Sr.No	Event	Level	Gender	Date
1	Handball	Inter-collegiate	Men	6th Nov 2009
2	Handball	Inter-Collegiate	Women	7th Nov 2009
3	Cross-country	Inter-Collegiate	Men	21st Aug 2010
4	Cross-Country	Inter-collegiate	Women	21st Aug 2010
5	Handball	Inter-Collegiate	Women	10th Oct 2010
6	Football	Inter-collegiate	Men	24-26 th Aug 2011
7	Athletics	Inter-collegiate	Men/Women	13 th to 16 th Oct 2011
8	Cross-Country	District Level	Men/Women	21 July 2012
9	Cricket	Inter-Collegiate	Men	30 to 5 Sept. 2012
10	Football	Inter-Collegiate	Men	10 th to 14 September
11	Athletics	Inter-Collegiate	Men/Women	29-31 st October 2012
12*	Kho-Kho	Inter – Collegiate	Men/Women	21 st December 2012
13*	Athletics	Inter – Collegiate	Men/Women	21 st December 2012
14	Cricket (Men)	Inter-collegiate	Men	12 -16 Sept.2013
15	Football	Inter-collegiate	Women	22 October 2013
16*	Athletes	Inter-collegiate	Men/Women	9 December 2013
17*	Kho-Kho	Inter-collegiate	Men/Women	9 December 2013
18*	Volleyball	Inter-collegiate	Men/Women	9 December 2013

- * Indicate events organized for only P.D.E.A'S College Only.
- **2. Inter-Zonal Competition:** Annasaheb Waghire College organized Inter-Zonal competition at university Level.

Sr.No	Event	Level	Men/Women	Date
1	Handball	Inter-Zonal	Men	6, 7 October 2012
2	Handball	Inter-Collegiate	Women	7,8 October 2012
3.	Football	Inter-Zonal	Women	25, 26 October 2013

- **Extra Curricular Activities:-**
- Every academic year college organized Annual Sports Meet for mass participation of the students in sports. These competition organized class wise and faculty wise the events are decided on student's demands. Every year all class participated in Annual Sports Meet. The prizes are given to Winner and Runners teams in the form of trophy and Certificate as well as individual events First, Second and Third give the medals and certificate.

33. Teaching methods adopted to improve student learning

1) Practical demonstration

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- i) Students participate in extension activities like NSS, NCC, Blood donation camp, Sport activities.
- ii) Students participated in various sports competition throughout the year.
- iii)

35. SWOT analysis of the department and Future plans.

L) Strength

- Location- College is located in Rural and Hilly area. But from establishment there is never problem of student strength because of good reputation of college in sports.
- Good infrastructure such as gymnasium with 400m 8 lane track, various Ball games courts, indoor game facility and 916.4 sq. m. well equipped multipurpose hall. Also well equipped gym and qualified, enthusiastic and experienced faculty.

M) Weakness

Opportunities:

Challenges:

Future Plans:

36. Some university and zonal players from 2005 to 20014

• All India Inter-University and Inter-University Players.

Sr.No	Name of the Players	Year	Game
1	Miss. Sanjaya K. Kale	2002-03	Cross- Country
2	Miss. Sanjaya K. Kale	2003-04	Cross- Country
3	Miss. Sanjaya K. Kale	2004-05	Cross-country
4	Miss. Sanjaya K. Kale	2005-06	Cross-country
5	Miss. Aswar Sampada	2006-09	Wrestling
6	Mr. Rongate Santosh	2007-08	Cross-Country
7	Mr. Rongate Santosh	2008-09	Cross-Country
8	Mr. Sukale Ravi	2009-10	Athletics (Triple)
9	Mr. Ghule Vijay	2011-12	Korf-Ball (National)
10	Mr. Shrikant R. Ambhure	2012-13	Handball
11	Miss. Kalyani Tukaram Mahakal	2013-14	Cricket

College Inter-Zonal Palyers

Sr.No	Name of the Player	Game	Venue	Year
1	Sanjaya Kale	Cross-country		2005-06
2	Reshma Kute	Wrestling		2005-06
3	Sanjaya Kale	Wrestling		2005-06
4	Sampada Aswar	Wrestling		2005-06
5	Gita Dumbare	Wrestling		2005-06
6	Roshani Aswar	Wrestling		2005-06
7	Amol Tambe	Atheletics	Balewadi Pune	2005-06
8	Pallavi Dighe	Atheletics	Balewadi Pune	2005-06
9	Reshma Kute	Atheletics	Balewadi Pune	2005-06
10	Roshani Ahinave	Atheletics	Balewadi Pune	2005-06
11	Sujata Nalawade	Atheletics	Kabaddi	2005-06
12	Aswar Smpada	Wresstling	Someshownagar	2006-07
13	Aswar Smpada	Atheletics		2006-07
14	Rongte Santosh	Cross- country	Ghodegaon	2007-08
15	Rongte Santosh	Cross- country	Narayengaaon	2008-09
16	Gadhawe Vijay	Handball	F.C.College,Pune.	2009-10
17	Sukale Ravi	Athletics	Sanas Ground, Pune	2009-10
18	Londhe Santosh	Fencing	Bhonsala college Nas	2009-10
19	Jadhav Pandurang Laxman	Cross-Country	Shahu college, Pune.	2010-11
20	Mundhe Hira	Handball	Morden college Shiv	2010-11
21	Gadhawe Vijay Sakharam	Handball	Morden college	2010-11

			pune	
22	Gode Shaila Shivaji	Athletics	Balewadi , Pune.	2010-11
23	Shingote Ashwini	Athletics	Balewadi , Pune.	2010-11
24	Pote Suhas	Cross- county	Narayengaon	2011-12
25	Jadhav Supriya	Kho-Kho	Pune	2011-12
26	Mahakal Susma	Volleyball	Shrirampur	2011-12
27	Waman Monica	Volleyball	Shrirampur	2011-12
28	Ghule Vijay	Handball	K.T.H.M. Nashik.	2011-12
29	Sukale Prasad	Handball	K.T.H.M. Nashik.	2011-12
30	Ambhure Shrikant	Handball	K.T.H.M. Nashik.	2011-12
31	Choudhari Tushar	Handball	K.T.H.M. Nashik.	2011-12
32	Kute Bandu	Athletics	Balewadi, Pune.	2011-12
33	Gykar Vishal	Athletics	Balewadi, Pune.	2011-12
34	Mahakal Susma	Athletics	Balewadi, Pune.	2011-12
35	Ithape Sonali	Cross-Country	Shahu College, Pune	2012-13
36	Mahakal Mohan	Cricket	Selected	2012-13
37	Doke Nikhil	Football	Seclected	2012-13
38	Waman Monica	Handball	A.W.College, Otur	2012-13
39	Mahakal Sushma	Handball	A.W.College, Otur	2012-13
40	Ambhure Shreekant	Handball	A.W.College, Otur	2012-13
41	Waman Monica	Volleyball	V.P.College, Barama	2012-13
42	Mahakal Sushma	Volleyball	V.P.College, Barama	2012-13
43	Jori Punam	Athletics	T.C.College, Barama	2012-13
44	Mahakal Sushma	Athletics	T.C.College, Barama	2012-13
45	Ithape Sonali	5km.Walk	T.C.College, Barama	2012-13
46	Modad Sarika Laxman	Cross-country	B.D.Kale, College, G	2013-14
47	Ithape Sonali Baban	Cross-country	B.D.Kale, College, G	2013-14
48	Arote Pragati Gopinath	Kho-Kho	C.A.C.P.E. Pune	2013-14
49	Tambe Rahul	Water-Polo	S.P.College, Pune	2013-14
50	Tambe Rahul	50mbreaststroke	S.P.College, Pune	2013-14
51	Malkar Vinod	Water- Polo	S.P.College, Pune	2013-14
52	Mahakal Sushma Tukaram	Cricket	Pravara College, Lor	2013-14
53	Mahakal Kalyani Tukaram	Cricket	Pravara College, Lor	2013-14
54	Waman Monika Madhukar	Cricket	Pravara College, Lor	2013-14
55	Shinde Maya Ravindra	Volleyball	A.& C. College, Kala	2013-14
56	Waman Monika	Volleyball	A& C. College, Kala	2013-14

	Madhukar			
57	Mahakal Sushma Tukaram	Handball	A.C.S.College, Nand	2013-14
58	Mahakal Kalyani Tukaram	Handball	A.C.S.College, Nand	2013-14
59	Waman Monika Madhukar	Handball	A.C.S.College, Nand	2013-14
60	Gite Shraddha Shantaram	Football	A.W.College, Otur	2013-14
61	Dighe Reshma Shantaram	Football	A.W.College, Otur	2013-14
62	Warule Nilesh Ramdas	Handball	S.S.C. College, Junna	2013-14
63	Gaykar Vishal Suryakant	Handball	S.S.C. College, Junna	2013-14
64	Sukale Prasad Vitthal	Handball	S.S.C. College, Junna	2013-14
65	Pandey Prashant Laxman	Shooting	Ozar (Nashik)	20113-14

XII. Evaluative Report of the Department of Zoology

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department: **Department of Zoology**

2. Year of Establishment: **1970**

3. Names of Programmes / Courses offered:

UG - F.Y. B.Sc. Zoology

UG – S.Y. B.Sc. Zoology

4. Names of Interdisciplinary courses and the departments/units involved:
Environmental sciences

5. Annual/ semester/choice based credit system (programme wise)

F.Y. – Annual

S. Y. – Semester

6. Participation of the department in the courses offered by other departments-
Environmental Awareness Program for S.Y.B.Sc

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Nil

8. Details of courses/programmes discontinued (if any) with reasons

Not applicable

9. Number of Teaching posts - **Three**

	Sanctioned	Filled
Associate Professor	1	1
Assistant Professor	1	1
Temporary	0	0
Vacant (C.H.B.)	1	1

10. Faculty profile with name, qualification, designation, specialization,

(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. A. A. Shaikh	M. Sc. Ph. D.	Associate Professor	Zoology, Entomology	28 years	Nil
Dr. V. D. Jadhav	M. Sc. Ph. D.	Assistant Professor	Protozoology & Fishery Science	11years	Nil

11. List of senior visiting faculty

Nil.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

Nil.

13. Student -Teacher Ratio (programme wise):

Year	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-14
Student Strength	95	79	66	56	83	73	101	107	96	106
No. of Faculty	2	2	2	2	2	2	2	2	2	2
Ratiofortotal strength of the department	47.5:1	39.5:1	33:1	28:1	41.5:1	36.5:1	50.5:1	53.5:1	48:1	53:1
Strength FY	48	51	26	30	54	52	63	48	56	58
Ratio FY	24:1	25.5:1	13:1	15:1	27:1	26:1	31.5:1	24:1	28:1	29:1
Strength SY	47	28	40	26	29	21	38	59	40	48
Ratio SY	23.5:1	14:1	20:1	13:1	14.5:1	10.5.5:1	19:1	29.5:1	14:1	24:1

(Please give the data for last five years)

14. Number of academic support staff (technical) and administrative staff;

sanctioned and filled

Posts	Sanctioned	Filled
Lab Assistant	1	1
Lab Attendant	1	1

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr. No.	Name	Qualification
1	Dr. A.A.Shaikh	M. Sc. Ph. D.
2	Dr. V.D.Jadhav	M. Sc., Ph. D.

M.Sc. – 2

Ph. D. – 2

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received.

Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received.

Sr.No	Funding Agency	Amount received (Rs.)	Title of the project	Principal investigator	Year
01	UGC	27,000	Statistical Survey of Malarial Parasite From Junnar Taluka	Dr A A Shaikh	2004-2007

18. Research Centre /facility recognized by the University.

Nil

19. Publications: **During 2004-2013**

a) Publication per faculty

Sr. No	Name of Faculty	No.of publications in Journal	No. of Books	No. of Chapters/ contribution in Book
1.	Dr. V.D.Jadhav	02	Nil	Nil

b) Number of papers published in peer reviewed journals (national / international) by faculty and students: **Three**

Name of	Year	Title of the Paper	Name of Journal	Vol.	Page	Status	Impact
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Author/s					Nos.		Factor
Dr. A.A.Shaikh and Dr. P.K.Nikam	2013	A new Genus of subfamily telanginae Tobias (Hymenoptera-braconidae) from India	International Journals of Multi-disciplinary research	2	126-127 ISSN: 2277- 9302	Internat.	
Jadhav V.D. &Others.	2005	Zooplankton and helminthes -Mortal enemy of poor free living ciliates.	National Jurnal of life sciences.	1(2), 2004,	(477- 478)	National	
JadhavV.D. & Others.	2012	Incidence of Plasmodium Vivax and Plasmodium falciparum from Khultabad Taluka, District- Aurangabad (M.S.)	World Journal of science and Technology.	2(8)	13-14 ISSN:22 31-2587	Internat.	

C) Paper Presented in seminar/Conference

Sr. No	Name of the teacher	University level	State level	National level	International level	Total
1	Dr. A.A.Shaikh	--	--	--	01	01
2	Dr.V.D.Jadhav	--	--	--	01	01

d) Monographs: Nil.

e) Chapter in Books: **Nil**

f) Books Edited: **Nil**

g) Books with ISBN/ISSN numbers with details of publishers: Nil

20. Areas of consultancy and income generated: Nil.

21. Faculty as members in: Nil.

a) National committees b) International Committees c) Editorial Boards....

22. Student projects: Nil.

a) Percentage of students who have done in-house projects including inter departmental/programme.

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies

Not applicable

23. Awards/ Recognitions received by faculty and students. Dr.A.A.Shaikh and Dr.V.D.Jadhav are Recognised PG Teacher of Uni. Pune, Pune.

24. List of eminent academicians and scientists/visitors to the department: NIL

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National - Nil

b) International - Nil

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected/ Appeared	Enrolled		Pass percentage			
			*	*F	Paper I	Paper II	Paper III	Gross
2012-13								
FYBSc. Zoology	118	58	37	21	86.20	82.75	94.82	87.92
SYBSc. Zoology	51	39	19	20	84.61	97.42	97.43	93.15
2011-12								
FYBSc. Zoology	118	68	36	32	97.05	95.58	100	97.54
SYBSc. Zoology	60	59	33	26	83	91.05	100	91.52
2010-11								
FYBSc. Zoology	120	64	34	30	92.18	70.31	100	87.49
SYBSc. Zoology	39	39	24	15	97	100	100	97
2009-10								
FYBSc. Zoology	123	53	28	25	70.58	47.05	100	72.54
SYBSc. Zoology	21	21	12	09	100	89.47	100	96.49
2008-09								
FYBSc. Zoology	62	54						
SYBSc. Zoology	34	29	13	11	96	93	100	96.33
2007-08								
FYBSc. Zoology	57	30	20	10	96.66	83.33	100	93.33
SYBSc. Zoology	27	26	13	13	84.61	100	100	94.87
2006-07								

Name of the Course/programme (refer question no. 4)	Applications received	Selected/ Appeared	Enrolled		Pass percentage			
			*	*F	Paper I	Paper II	Paper III	Gross
FYBSc. Zoology	45	26	13	13	84.61	84.61	100	89.74
SYBSc. Zoology	40	40	25	15	100	100	100	100
2005-06								
FYBSc. Zoology	94	51	31	20	68.62	84.31	68.03	83.65
SYBSc. Zoology	28	28	15	13	100	100	100	100
2004-05								
FYBSc. Zoology	79	45	27	18	88.88	55.55	100	81.47
SYBSc. Zoology	47	47	34	13	100	97.87	100	99.29

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
FYBSc. Zoology	100	--	--
SYBSc. Zoology	100	--	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Not applicable

29. Student progression? Give year wise data. **Not Applicable**

We have Zoology subject at Second Year level.

30. Details of Infrastructural facilities

a) **Library:** The central Library facility is provided to all department students.

b) **Internet facilities for Staff & Students:** Available

c) **Class rooms with ICT facility:** Common Facility is available in the college.

d) **Laboratories:** 1600 Sq. ft. (148.65 sq. M). Equipped with essential instruments. A list is given below.

Sr. No.	Equipment	Quantity
1	Dissecting Microscope	6

2	Dissecting Binocular Microscope	1
3	Electric oven	3
4	Hemocytometer	15
5	Microtome	01
6	Overhead Projector with screen	01
7	Student microscope	21
8	Water Bath With Thermostat coil	02
9	Camera Lucida with zoom lence	01
10	Calori meter	01
11	Electrophoresis apparatus	01
12	PH Meter	01
13	TLC Chromatography Aparatus	01
14	Centrifuge Machine	01

31. Number of students receiving financial assistance from college, university, government or other agencies.

Nil

32. Details on student enrichment programmes (special lectures/workshops/ seminar) with external experts:

Workshops and Expert lecture Series are being organized every year. The details are given below.

1. **Business Opportunities in Photography**

A one day workshop on above topic was organized on 1st February 2012

Sr. No.	Resource Person	Designation	Topic of guidance
1.	Dr. A. A. Shaikh	Principal, AWC, Otur	Efforts taken by founders of PDEA to bring up the Sanstha for catering education to the 'Bahujans'.
2.	Shri Vijayrao Waykar	Member, LMC, AWC, Otur	The capabilities of an entrepreneur and responsibility the students towards developing their career.
3.	Shri Anil Satkar	President, Junnar Tahsil Professional Photographer's Association	Photography as business in the field and off the field. He emphasized the sincerity in the business and regular upgradation of knowledge.
4.	Shri Avinash Pawar	'Star Majha', media	Videography in the present day electronic media and opportunities

		representative	
5.	Shri Raichand Shinde	'IBN Lokmat', media representative	Still photography skills for electronic media
6.	Shri Ramnath Meher	Reporter, Daily 'Lokmat', and 'Prabhat'	Use of Photographs in the News in relevance to social problem solving through Print media
7.	Shri Bharat Awachat	Reporter, Daily 'Sakal'	Impact of Photographs in the News in Print media and their significance
8.	Shri Bhau Mengade	Amateur Photographer	Event Photography- skills and opportunities
9.	Shri Santosh Jadhav	Videographer	Videography a promising business today
10.	Dr. Rahangdale S. R.	Organizer	Wild life photography

Wild life Week 2009

1	06-10-09	12:00 onwards	Presentation of Wildlife by Dr. Ajay Deshmukh of Leopard Rescue Centre Manikdoha
2	06-10-09	2:30 pm	Presentation on Biodiversity of Plants and its relation to Animals by Dr. Rahangdale

33. Teaching methods adopted to improve student learning:

- **Field Visits;** visit to sea coast, Agrobased Industries, (Sericulture, Apiculture)
Involving Report writing & subimition.
- **Ecosystem studies:** Co-guricular activities assigned to the interested students of the college & nearby college students involving, observation, and identification of specimens.
- **Interactive and Web Based Lectures:** Interactive & web based lectures are arranged for s the student to show video clips /animations on subject topics.
- **Students' Seminars :** Students deliver seminars on different topics on the blackboard
- Use of chart & models,.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

A] Participation of the faculty in Institutional & Social Responsibilities (ISRS):

Dr V D Jadhav is having following responsibilities besides the Teaching.

- 1) Training and Placement Officer ---Placement Cell.
- 2) Chairman. ---Competitive Examination Centre.
- 3) Secretary -NAAC Criteria -7th
- 4) Member -Environmental Awareness programme.
- 5) Member -Examination Committee.
- 6) Member -Staff Welfare committee.
- 7) Member -Science association.
- 8) Organizer -College Campus Interview every year.
- 9) All assigned duties are done during each Election period.
- 10) All the assigned examination duties are done during each semester every year.
- 11) **Jobs for student:** By giving training, lectures & mock interviews to college students more than 65 students are joined in different areas of services.

B) EXTENSION ACTIVITIES:

1} Dr V D Jadhav worked as Resource person'

a) Given Training and lectures on '**mock Interview**' to the college students every year.

b) Given lectures on "**Tecniques of Interview**" to the college students.

c) Arranging "Book exhibition for Competitive examination.

d) Given lectures for competitive examination.

a. In commemoration of Late Yashvantraoji Chavan and Late Shardabai Pawar birth Centenary year, Science Exhibition was organized on 11-13 December 2012. And students from neighboring colleges as well as primary schools visited the science Exhibition.

b. Every year during 1-7 February (PDEA's founder's - Late Baburaoji

Gholap and Late Mamasahab Mohol Commemoration week) different activities are being organized.

35. SWOC analysis of the department and Future plans:

Strengths

10. Proficient Faculty,
11. Good relation with students and staff,
12. Good equipments,
13. Constant Student Flow,
14. Research Projects undertaken,
15. Publication of papers in reputed journals,
16. Faculty and students are involved in environment awareness programs
17. Faculty are as resource person to seminars/workshops
18. Faculty involved in social activities

Weakness

- a. No Seminar Hall in Department
- b. No culture and instrumentation labs
- c. No faculty room
- d. No Third year level class
- e. Laboratory with old design.

Opportunities

- a. Introduction of Zoology at Third Year as a special Subject
- b. To initiate Certificate courses,
- c. Renovation of laboratory.
- d. Departmental library
- e. Departmental museum
- f. Virtual class room

Future plans

- a. Introduction of TY class,
- b. Introduction of Certificate courses,
- c. Establishment of Departmental Museum
- d. Renovation and extension of laboratories.
- e. More Research projects from different funding agencies.

Library

1. Name of the department: **Late S.R.Tambe Library**

2. Year of Establishment: **1970**

3. Faculty Profile:

Name	Qualification	Designation	Specialization
Mr. N.H.Hande	BSC, M. Lib. I. Sc. , SET	Librarian	Library Science

4. No.of Supporting Staff: 04

Name	Qualification	Designation
Mr. S.B.Sonawane	BCOM, LTC	Clerk
Mr. D.J.Gadhawe	10th	Library Attendant
Mr. P.N.Thorve	BA, LTC.	Library Attendant
Mr.K.R.Kalamkar	BA	Library Attendant

5. Library Information:

- ❖ Total Volume in the Library : 77775 books
- ❖ Total amount spent on total Volume: Rs 50,94,541.00
- ❖ Reference books: 28834 Books
- ❖ Status of Automation: Fully Automated
- ❖ Books Purchased During year 2004-2014 : 17237 Books
- ❖ Amount Spent on Books during 2004-2014: Rs 18,06,062
- ❖ Journal Subscription: 74
 - National : 32
 - Intenational : Nil
 - Back Volumes of Journals : Nil
 - E-Respourice Subscription : INFLIBNET-NLIST
 - Membership : NIL

G: Photo Gallery

Extension Activates NCC and NSS.



Sports Activities



Science Exhibitions



Senior Citizens Health Camp



Cultural Activities



Institutions Infrastructure



Central Library

