



Sarvajnik Education Society

Shree Ramkrishna Institute of Computer Education & Applied Sciences, Surat

(NAAC 2.67 CGPA)



SARVAJANIK EDUCATION SOCIETY
SHREE RAMKRISHNA INSTITUTE OF COMPUTER EDUCATION & APPLIED SCIENCES
ESTD. 1992



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Centennial Celebration Issue

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Dr. Pratibha Desai

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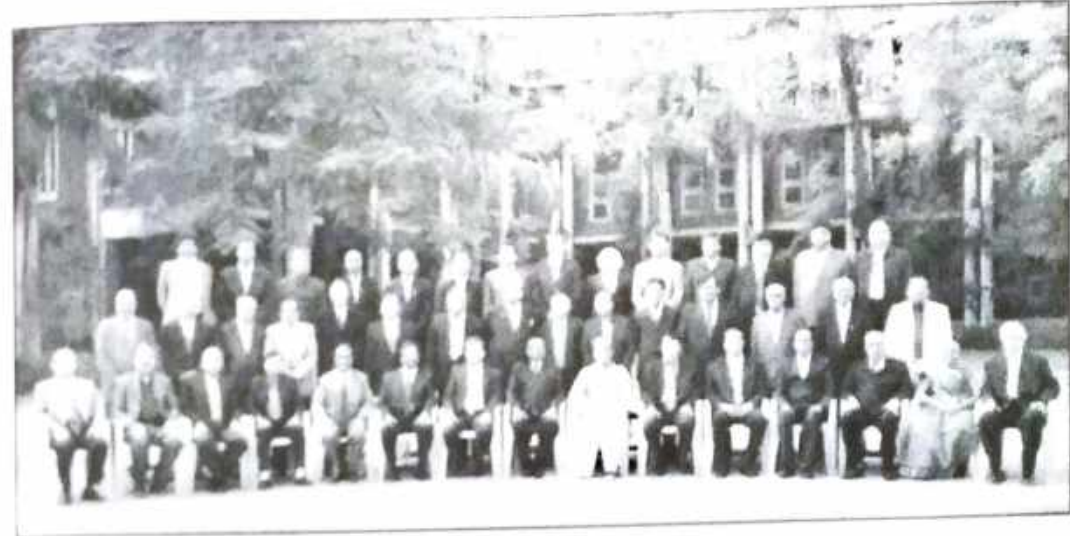
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श्री रामकृष्ण एन्स्टीटयुटनी विकासयात्राना सहभागीओ

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શપાઠકર્તા
કલમે...



સાર્વજનિક એજ્યુકેશન સોસાયટીના શતાબ્દી વર્ષની ઉજવણી નિમિત્તે 'પ્રતિબિમ્બ' ના 'Centennial Celebrating Issue' નો અહીં પ્રકાશિત કરતાં પ્રસન્નતાની લાગણી અનુભવાય છે.

સો વર્ષોમાં સાર્વજનિક એજ્યુકેશન સોસાયટીએ દક્ષિણ ગુજરાતમાં પોતાની આગવી ઓળખ ઉભી કરી છે. શહેર, ગ્રામ્ય અને દેશના વિકાસમાં ઉત્તમ 'સાર્વજનિકન્' નો મહત્વનો ફાળો રજૂ છે તેની નોંધ સૌએ લીધેલી છે.

અનેક 'સાર્વજનિકન્' ને અનેક વ અહીં આલોખવા મુશ્કેલ વ જાહેર પરંતુ, અસક્ય પણ છે છતાં તેની પ્રવલ આપવાનો નક્ક પ્રયાસ કરેલ છે. શિક્ષણવિદો, લેખકો-કવિ, પ્રતિષ્ઠિત નાગરીકો અને શ્રેયજી સહી અમરો સરજા વિકાસની પગદંડી બનાવી રહી છે એવા અમારા વિદ્યાર્થીઓ અને માનવતા ધારીઓના શુભેચ્છા સંદેશોનો તેમજ લેખો આ અહીં સમાવવામાં આવ્યાં છે.

સાર્વજનિક એજ્યુકેશન સોસાયટીના શતાબ્દી વર્ષને વિવિધ શૈક્ષણિક સહ-શૈક્ષણિક પ્રવૃત્તિઓના આયોજન સહી સાર્વજનિક રીતે ઉજવવું અને 'પ્રતિબિમ્બ' ને એ સમારણાઓનું પ્રતિબિમ્બ બનાવવું એ સમિતિએ નક્કી કર્યું હતું. આ માટે સૌ સમિતિ સભ્યોએ ખૂબ મહેનત પણ કરી. આ સ્મરણિકામાં સાહિત્યકારો, કવિઓ, નાટ્યકારો, ફોનવણીકારો, દક્ષિણ ગુજરાત યુનિવર્સિટીના પ્રવર્તમાન કુલપતીશ્રી, કુલસચીવશ્રી ઉપરાંત અન્ય પૂર્વકુલપતીઓની આ પ્રસંગે શુભેચ્છાઓ મળી છે. આ સર્વ મહાનુભાવોને તત્કરણ પૂર્વક જાહેર સ્વીકાર કરીએ છીએ.

'પ્રતિબિમ્બ' ના આ સંપાદન અને 'વિશિષ્ટ અંક' ના પડકારને ઝીલવામાં સાથે અધ્યાપક મિત્રો, સંપાદક મડલ, આચાર્યશ્રી, વહીવટી કર્મચારીઓ, સેવકભાઈઓ તથા વિદ્યાર્થીમિત્રો સૌ પ્રલ્ભે આભારની લાગણી વ્યક્ત કરીએ છીએ.

અમારા આ ભાવને ભાષા મળી અને સરજાના વિકાસમાં આપસી સાથે રજાં એવું સદ્ભાગ્ય મળ્યું આવું સદ્ભાગ્ય આવનાર વર્ષોમાં પણ મળતું રહેશે એવી શ્રદ્ધા સાથે.....



ડૉ. જુહા દેસાઈ
શ્રીમતી દિપાલી પટેલ
ડૉ. રલ્લા ત્રિવેદી
ડૉ. શિવા ચેટ્ટીયાર
શ્રીમતી રીના દેસાઈ
શ્રીમતી દ્વનિ મહેતા
શ્રીમતી મોહન યાજ્ઞિક

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From the
Chairman Desk



Sarva Janik Education Society (SES) is celebrating its Centenary year and in path of this great walk during a century SES has received a lot from the society and also contributed back to the society through its services. Growing from a seedling plant to giant tree SES has established numerous institutes to serve education in different arena one of such efforts is Shree Ramkrishna Institute of Computer Education & Applied Sciences (SRKEI) which was founded in 1995 to offer courses in Computer Sciences. Later institute under dynamic leadership of Director, Dr. Pratibha Desai and farsighted guidance of Dr. Kusum Desai, Shri Kamlesh Yagnik, Dr. Kishore Desai, mentor of SRKEI have set landmarks by introducing courses in M.Sc. Microbiology, Biotechnology and M.Sc. Computer application.



Mr. B. G. Shah
Chairman
Sarva Janik Education
Society, Surat

Institute has marveled in multidimensional functionality and Pratibimb a college magazine is one such notable undertaking by the institute. This particular issue is pronounced as centennial year issue, highlighting footprints of the Society and Institute hand in hand. This issue covers varied activities commenced in the preceding year of society and institute with institutional details of academic and co-curricular attainments.

I congratulate all those who have contributed to the publication of this magazine and at the same time urge to take up responsibility and set a new milestone in the coming year.

It gives me an immense pleasure while publishing the Sarvajani Education Society Centennial issue of "Pratibimb". The exponential growth our institute is the fruitful results of positive attitude and firm decision of the office bearers of Sarvajani Education Society. Year 2012 is the year of celebration of centennial of Sarvajani Education Society journey giving education to 35,000 students of 35 institutes has completed 100 years of successful. Our students have participated enthusiastically in all the celebration of Sarvajani Education Society with the cultural & sports events.



Dr. P. B. Desai
Director
Shree Ramkrishna
Institute of
Computer Education
& Applied Science, Surat.

On this occasion every month we has an academic programme. The celebration started with a lecture of Dr A. Crestro from Centre for Disease Control, Atlanta, Georgia, USA followed by "વિજ્ઞાન સત્તમ" to create awareness of subject like Computer Science, Microbiology & Biotechnology among the school students of Surat City.

This year we had also organized a National Conference on "Advanced trends in applied Sciences & Technology" as a part of this celebration. About 260 participants have participated from all over India for 2 days in various sessions and their research paper have been published as proceedings.

I am glad to tell you that one of our staff members and Two Ph.D. students from Shree Ramkrishna Institute have been awarded Ph.D. degree and two of our students have been awarded M.Phil degree. One of our research students Mrs. Manisha Shah had been awarded 1st prize at 1st Internal National Science Congress at Indore.

The academic performance of our institute is also cent percent at all the Under Graduates & Post Graduates classes. Our students has also participated and awarded prizes for various intercollegiate competitions under the banner of "Saptadharma" viz: Eloquior, Quiz, Drama, Mono acting, Solo dance, Mime, Best from Waste etc. The detailed reports of all the committee will through more light on the progress of the institute.

To have more and more idea of innovative practices and for good progress of our college I had participated in Thirteen National Conference of Association of Indian College Principals held at Veer Narmad South Gujarat University, Surat Which was really fruitful to lead this college to put on top in Gujarat & India.

My best wishes to all the staff and students of institute.

સાર્વજનિક એજ્યુકેશન સોસાયટીના સૈકાના ઇતિહાસમાં સમાવના ભેખધારી અને શિક્ષણનું મહત્ત્વ સમજનારા સમાજશ્રેણીઓએ જે બીજ નાખ્યા હતાં તે આવે વટવૃક્ષ બનીને સમાજને ઉપયોગી એવાં વિદ્યાર્થીઓ તૈયાર કરી રહી છે. આ શિક્ષણ સંસ્થા દ્વારા શ્રી રામકૃષ્ણ ઇન્સ્ટિટ્યુટ ઓફ કોમ્પ્યુટર એજ્યુકેશન એન્ડ એપ્લાઈડ સાયન્સની સ્થાપના ૧૯૯૯ માં સ્વભિર્મર કોલેજ તરીકે અતિ ઝડપથી વિકાસ પામતા એવા કોમ્પ્યુટર સાયન્સમાં સ્નાતક કોર્સો માટે કરવામાં આવી, સતત વિકાસ પામતી આ કોલેજમાં ઉત્તરોત્તર અન્ય સ્નાતક કક્ષાના ત્રણ કોર્સો પણ પ્રસ્થાપિત થયા.

સાર્વજનિક એજ્યુકેશન સોસાયટીની અન્ય સંસ્થાઓની જેમ આ કોલેજે પણ ૧૨ વર્ષના ટુંકા ગણનામાં સમાવના અને સુરત શહેરમાં આગવું સ્થાન મેળવ્યું.

સાર્વજનિક એજ્યુકેશન સોસાયટી જ્યારે શતાબ્દી ઉજવી રહી છે ત્યારે વીર નર્મદ દક્ષિણ ગુજરાત યુનિવર્સિટીના કુલગુરુ તરીકે આ સંસ્થાના વિકાસ માટે અવિરત પ્રયત્નશીલ સર્વેને શુભેચ્છા પાઠવું છું. સંસ્થા ઉભી કરવી સહેલી છે એને ટકાવવી અઘરી છે. સોસાયટીએ આ અઘરું કામ સહેલાઈથી કર્યું છે.

કોલેજમાં ત્રણ અનુસ્નાતક અભ્યાસક્રમોના કેન્દ્રો કાર્યરત છે એ જાણી વધુ આનંદ થયો. વિજ્ઞાનની આ કોલેજમાં રાષ્ટ્રીય અને રાજ્યકક્ષાના વિવિધ શિક્ષકો અને વિદ્યાર્થીઓ માટે તાલીમ કિબિરોનું વખતોવખત આયોજન કરવામાં આવે છે એ સરાહનીય બાબત છે.

કોલેજ હવે પછીના વર્ષોમાં ઉત્તરોત્તર પ્રગતિ કરે, રાજ્યના જ નહિ દેશના નકશામાં પોતાનું સ્થાન અંકિત કરે એવી અભિલાષા સાથે કોલેજ પરિવારને શુભેચ્છા પાઠવું છું.

શ્રી રામકૃષ્ણ ઇન્સ્ટિટ્યુટ ઓફ કોમ્પ્યુટર એજ્યુકેશન એન્ડ એપ્લાઈડ સાયન્સીઝ, સુરત દ્વારા સાર્વજનિક એજ્યુકેશન સોસાયટીના શતાબ્દી વિશેષાંક તરીકે પ્રસિદ્ધ કરી રહ્યા છો તે જાણી આનંદની લાગણી અનુભવું છું.

મને જણાવતા અતિ આનંદ થાય છે કે, ૧૯૯૮ ના વર્ષ દરમિયાન માર્શ્કોબાયોલોજી વિષયમાં ચુવક-ચુવતિઓને સુરત શહેરમાં કોલેજની સુવિધા ન હોવાથી વિદ્યાર્થીઓને નવસારી જવું પડતું હોવાથી તેઓને ઘણી તકલીફ અને હાડમારી પડતી હતી. પરંતુ ૧૯૯૯ ના વર્ષમાં કોલેજ શરૂ કરવાનું આપના ટ્રસ્ટે વિચાર્યું જેથી એ તકનો લાભ લઈ ઘણાં વિદ્યાર્થીઓ સફળ થઈ પોતાનાં ઇલાખાં અને અન્ય સંસ્થામાં જોડાયા. આવનાર સમયમાં પણ આ રીતે ઉચ્ચ ગુણવત્તા ધરાવતા વિદ્યાર્થીઓ આપની કોલેજ શિક્ષણ જગતને આપશે એવી મને શ્રદ્ધા છે.

આ વર્ષ સાર્વજનિક એજ્યુકેશન સોસાયટીના શતાબ્દી વર્ષ છે એ અવસરે કોલેજનું મુખ્યમંત્ર 'પ્રતિબિંબ' શતાબ્દી વિશેષાંક તરીકે પ્રસિદ્ધ કરી રહ્યા છો તેમાં યોગદાન આપનાર સંચાલક મડલ, આચાર્યશ્રી, શિક્ષકો, વિદ્યાર્થીઓ, વાલીમિત્રો, વહીવટી કર્મચારીઓ સૌને આ અંક સફળતાપૂર્વક શિક્ષક જગત સમક્ષ રજૂ કરવા બદલ અભિનંદન સાથે શુભેચ્છા પાઠવું છું.



Dr. Dakshesh Thakar
Vice-Chancellor



J. R. Mehta
Registrar





આદરણીય ડૉ. પ્રતિભાબેન અને કુસુમબેન,

સાર્વજનિક એજ્યુકેશન સોસાયટી અને શૈક્ષણિક સેવાને ૧૦૦ વર્ષ પરિપૂર્ણ કરી રહી છે. એવા પાવન પર્વ પર સોસાયટીના તમામ વ્યવસ્થાપક સમિતિના સભ્યો, આચાર્યો અને આ કોલેજના સર્વ સહયોગીઓને શિક્ષણ વગરના અભિવાદન.

સુરતના ઇતિહાસમાં સાર્વજનિક સોસાયટી એ માત્ર કાંઈક કાઠનાર આ શિક્ષણ સંસ્થા પોતાના સંકુલની આગવી અનન્ય વિકાસ યાત્રા જારી રાખે અને નૂતન ભારતની નવી પેઢીને સર્વાંગી રીતે ઉજાગર કરી શિક્ષણ વગરના પ્રતિભાસંપન્ન માનવ રત્નો પ્રદાન કરે એવી શુભેચ્છા...

Dr. Ashwin Kapadia
Ex. Vice-Chancellor

VNSGU



I am glad to learn that the Shree Ramkrishna Institute of Computer Education & Applied Sciences managed by Sarvajani Education Society is celebrating an event of such glory in the service of society. This is an occasion to take review of the performance in the past 100 years and draw out a plan for the expansion in the future.

It's matter of great pleasure that I am associated with Sarvajani Education Society as a professor and principal of M.T.B. Arts College Managed by Sarvajani Education Society. After the completion of my tenure as Vice Chancellor of our South Gujarat University this college had come into existence. I am a witness from a very close quarters to the initial period of teething troubles of this college as a managing committee member of Sarvajani Education Society and I am happy that I had been of some help to this college in its efforts to cope up with the problems and in establishing itself on the firm foundation on solid grounds.

I congratulate the Local Management of the College & Sarvajani Education Society that they thought of starting an institution of Higher learning located in heart of Surat City. I personally know that the students from Surat City and nearby villages had to undergo great troubles of going to Navsari and wasting hours in travel to study Microbiology till the establishment of this college. This college has filled in the vacuum in the field of higher education and particularly in subjects like Microbiology. Computer Science & Biotechnology has been of immense service to the expending population in the Surat district and nearby villages.

I wish the college a very promising future and success in the field of education and service of humanity in the coming years.

I wish the function a great success. My warm regards to office bearers of Sarvajani Education Society & all staff members of college.

Dr. B. A. Parikh
Ex. Vice-Chancellor

VNSGU



The higher Education - Quality a Myth.

The Sarvajani Education Society, a leading educational society of South Gujarat, is in the fore front in the field of affordable education. It spreads education right from nursery, primary, secondary and college education and of late has developed/expanded education fields in Engineering, computer, environmental, Architectural, Biotechnology and Microbiology all the courses being approved not only by the Veer Narmad South Gujarat University but also approved by AICTE, UGC and Architectural council of India. Quantitatively, Sarvajani Education Society has done its maximum in spreading the education in South Gujarat in diversified faculties / courses. However, whether the quality matches the quantity is a moot question more so at the college and professional levels of education. This is not the problem with Sarvajani Education Society only, this is the problem - barring a few top institutes of India which can be counted on finger tips - with most institutes of higher education in India.

Unquestionably, today's education gives lots of information. However the students have been able to assimilate information into knowledge. Our education system as a whole is examination-centric and not knowledge centric.

Because of poor enrolment of students in primary and secondary education system, the enrolment of students - GER - Gross enrolment ratio - is very poor in higher education system. Hardly 15% at present compared to 30% in order developed democratic countries. On this, as this mentioned above, due to exam centric education, the students are not geared to develop skill based upon information. Hence the college graduates are by and large ill-prepared to enter an increasingly globally integrated market.

Another problem with higher/professional education is that the institutes have poor infrastructure and suffer from severe faculty shortage as high as 38% in many such institutes and have outdated curricular with little power or incentive to improve this.

One may think that there is nothing wrong with the quality of professional education, citing the success story of graduates passing from IIMs and IITs.

However, this constitutes only a tiny fraction of students. Even these institutes are way below in global ranking. What about the quality of vast majority?

We are living with the reality of finite resources to provide for infinite demands for expanding horizons in education. We need learn not only the basic scientific trends in the ever expanding and diversified field of education but also the principal of its applicability and implementation in our society. We must set our goals and learn how to apply our knowledge to achieve the greatest benefits from our limited resources. Do not make decisions on the basis of probability values only. We must learn how to achieve incremental benefits relative to incremental costs.

It has also been realized that there is quantitative expansion of educational system, the management of it suffered badly. Numerical expansion of the system has not been matched by increased quality of education and increase in excellence. Nor has it been matched by availability of funds. Resource crunch has dogged our educational system resulting into stagnation and devoid of innovative ideas. Quality of education, relevance of contents, problem of numbers and increasing emphasis on equity poses problems that are formidable and tremendous ingenuity and innovations are needed to meet these challenges. In this effort, modernity and adequacy of management system deserves the highest priority.

Our education system is geared to produce mediocrity if all. Its examination system is devised to ensure minimum denomination and not maximum denomination - it caters to the populism. One needs only 20-25% marks to pass an examination. University is graceful enough to give enough grace marks to push you through examination. There is no place for reform in our educational system. Its physical infrastructure is fixed and rigid. Teaching must be done in a fixed location teaching can be done only in so called recognized schools and college. Teaching can done only by so called recognized persons. (learning from a learned outside person is not permitted), and learning should be completed in a fixed period - so called academic year. There is no provision of credit system so that you can complete your convenience. There is no place of learning under present dispensation. Any effort to reform the system is stoutly resisted by - I need not name - and they are successful.

These are some of the reasons that our higher university and professional education produces mediocre students, and our students are not globally competitive in this fiercely competitive world.

Dr. Girish J. Kazi

Former Chairman &
Ex-President
Sarvajani Education
Society, Surat

એહી આચાર્યાશી,
કુશળ હશે...
અભિનંદન અને અભિવાદન...

આપના નેતૃત્વમાં કોલેજ ખૂબ વિકાસ પામી રહ્યું છે. સાર્વજનિક એજ્યુકેશન સોસાયટી તેનું શતાબ્દી વર્ષ ઉજવી રહી છે. તેનો અર્થ છે અસ્તિત્વના ઉત્તરવર્ષી. શહેરના અને ગામમાં વસતા તમામ વિદ્યાર્થીઓના વિકાસમાં આ કેમ્પસનું યોદ્ધાગ પ્રશસ્તનીય રહ્યું છે. તમે વધારે હળીમળીને શૈક્ષણિક ક્ષેત્રે વિકાસની વે હરણાફાળ ભરી છે તે નેત્રદિપ્ત છે. આ કાલે ૨૧ મી સદીને ધ્યાનમાં સખી આરોવનનદધ સમયને અનુરૂપ વિકાસ કરો એવી શુભકામના...!

R. C. Gandhi
Educationalist

Madam,

Many congratulation

SES has indeed served the society as well as the nation by imparting education to thousands of knowledge aspirants. Moreover, your institute has actively organized various curricular, co-curricular and extra curricular activities for the students. Consequently, it has contributed in the nation-building process through constant instillation of culture, values and vision.

We hereby appreciate your sincere and commendable efforts in the field of education. We also extend our heartfelt wishes for a bright and renowned status for your institute in future.

All the Best!

Dr. A. G. Mehta
Principal
Udhna Citizen Bank
Commerce College

માનનીય,

શતાબ્દી પ્રસંગે શુભેચ્છા સંદેશો મોકલું છું સ્વીકારશો.
૧૦૦ વર્ષ પહેલા મૂલ્યસભર શિક્ષણ આપવાના તનિષ્ઠ હેતુથી વાવવામાં આવેલ નાનકડું બીજ આજે વટવૃક્ષ બની ચૂક્યું છે, જેમાં સચાલકોનું યોગદાન બિરહાવવાને લાયક છે.
'વૃત્તિ ક્ષેત્ર તો પ્રવૃત્તિ થાય' કોલેજની પ્રવૃત્તિઓ વર્તમાનપત્રો દ્વારા જાણીને આનંદ થાય છે. સાર્વજનિક એજ્યુકેશન સોસાયટી શિક્ષણ અને શિક્ષણોત્તર પ્રવૃત્તિઓમાં સતત સફળતાના શિખરો સર કરી રહી છે.

વર્તમાન સમયમાં શિક્ષણનો વ્યાપ વધ્યો છે. ત્યારે સોસાયટી દ્વારા ગુણવત્તાયુક્ત, મૂલ્યનિષ્ઠ શિક્ષણ આપવામાં આવે છે એ જાલદ અભિનંદન.

Dr. Vikas Desai
Principal
B. K. M. Sci. Col.,
Valsad



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Learning is a continuous immortal process. SES has realized this & started the process before about 100 yrs. with a farsight vision. During these 100 yrs, various branches, sub branches, sub-sub branches has spread over the entire expanding Surat city. The stars of the society have now become a pioneer to institutes & industries. As a student of these society, I be store a gratihete of thanks and heartly wishes a prosperity in continuing endless process. All the best for Celebration year!

Dr. Hemant Sukhadia

"Sarvajani"
Department of
Microbiology
Virani Science College
Rajkot

Dear Principal

Congratulation of Completing 100 years of Services to Society!!

It is a proud moments for me to wish your team and see the institute rise the ladder of success with gradual improvement. Under your leadership and guidance the team has succeeded in making Shree Ramkrishna Institute, one of the best college in Surat city. This college holds the reputation for not only being excellent in academics but is known all over South Gujarat for the number of extra-curricular activities, it has undertaken which shows that without team building and inspiring leadership, it cannot be achieved.

May I take this opportunity to thanks on and all the supporting during my tenure and wish all of you a great year ahead with many more milestones to be crossed

Dr. C. N. Desai

Ex. M.D.
BARC, Mumbai

It is a matter of immense delight to have known about the completion of 100 years by the Sarvajani Education Society and its centenary celebration. Congratulations!!!

The value that Sarvajani Education Society has imparted to the Society at large cannot be measured and expressed in physical dimentions. However, the schools and colleges run by the Sarvajani Education Society are the visible expressions.

As a man of Science and Microbiology, I have noticed the front line position of the colleges run by the Sarvajani Education Society. The greatest value was added by starting of Shree Ramkrishna Institute of Computer Science, Microbiology and Biotechnology.

I have seen greater potentials of these scientific disciplines in solving the different problems of society and nation. I am optimist about the fact that the teachers and the scientists of this Institute will carry out research that will contribute to the national welfare and over all progress.

May the almighty GOD bless and grace the Sarvajani Education Society to flourish in all the directions and offer greater and better services.

All the Best to the Sarvajani

Prof. A. D. Darji

Department of
Microbiology,
R. G. Science College
Anmedabad



It gives me immense pleasure in jotting down this message and thereby sharing with you my hopes and aspirations for a vibrant FUTURE.

In the coming years INDIA is going to be a leading country in the world. The Economy of India is growing at more than 10% per Annum. We have already started with the "SARVA SIKSHA ABHIYAN" in which primary education is given free to all by Government.

However, in higher education, Government wants more participation of private players as we need to increase the Gross Entry Ratio (GER) from 12% to 30%. Government wants 1500 new universities to be established and 20000 more colleges to be opened within a span of ten years. There is a great demand for the scholars in all fields.

Looking to the present day scenano "SHREE RAMKRISHNA INSTITUTE OF COMPUTER EDUCATION AND APPLIED SCIENCES" has proved to be a mental tonic for a young aspiring student. The institute is trying its best to give facilities to its students to carry out their work in the most scientific way. It is aiming for Quality Output by keeping the norms on stringent scrutiny. To improve the outlook and over all development of the student, proper guidance, able assistance and adequate encouragement is assured to all students. I request the faculties to support the students by encouraging them to look at life through a windshield and not through a rare view mirror, so that the incumbent can fly happily with his two wings-determination and hard work. Let perseverance be your engine, hope the fuel so that the happy personal train smoothly glides through the life tracks towards the destination of unlimited ecstasy.

With Best Wishes,

Mrs. F. P. Minocheherhomji

Associate Professor,
Microbiology
B.P.Bania Sci. Inst
Navsari.

Leaving school or college does not necessarily mark the ultimate end not by a long shot. It is only the beginning as no educative process abruptly comes to rich an end without necessitating the beginning of another chapter of more education, learning and living.

Sarvajani Society needs hardly any in production. The journey they have undertaken over there years (100 years) seems a brief episode in the history of education. Its a matter of great satisfaction to see how they have been successful in integrating themselves in different meaningful sectors and assuming significant roles in their socio-economic duties.

I feel very happy and congratulate to all for successful celebration of their, centennial.

Reena Desai

HOD- Microbiology
Dolat Usha Insti
of App. Sciences,
Valsad

શિક્ષણ અને સંસ્કાર સિંચનના ઉમદા ધ્યેયની સિદ્ધિમાં આપની સંસ્થા, અન્ય સંસ્થાઓ માટે આદર્શરૂપ બની રહે અને વિદ્યાર્થીઓના સપનાઓને સાકાર કરી સારા ભારતીય નાગરિકો સમાજને આપ્યા અને આપતા રહે એવી શુભેચ્છા આ શતાબ્દી વર્ષની ઉજવણી પ્રસંગે પાઠવું છું.

- શ્રીમતી સરોજબેન એસ. દેસાઈ
ઘણા, શિશ્યવૃત્તિ, સમકૃપા ઈન્સ્ટીટ્યુટ

સાર્વજનિક એજ્યુકેશન સોસાયટીના સૈકાની અવિરત વિકાસ યાત્રાનાં તમામ સહયાત્રીઓને શતાબ્દી પર્વે ખુબ ખુબ અભિનંદન. ડૉ. પ્રતિભા દેસાઈ ના નેતૃત્વ હેઠળ અઘાગ પરિશ્રમ, પ્રયત્નો અને બુદ્ધિકૃષણતાથી શ્રી સમકૃપા ઈન્સ્ટીટ્યુટ ઓફ કોમ્પ્યુટર એજ્યુકેશન એન્ડ એપ્લાઈડ સાયન્સીસ કોલેજે આટલા સૂક્ષ્મગાળામાં અદ્વિતિય ગતિ-પ્રગતિ કરી છે. આ કોલેજની ૧૯૯૯ ના વર્ષથી શરૂઆત કરી સાર્વજનિક એજ્યુકેશન સોસાયટીએ નવોદિત વિષયોના શિક્ષણ અંગે ચેતનાની જ્યોતિ પ્રગટાવી સમાજ માટે શિક્ષણની ભૂખને સતોષવાનું ભગીરથ કાર્ય પાર પાડેલ છે. સ્નાતક - અનુસ્નાતક ના વિવિધ કાર્યો દ્વારા આ કોલેજમાં શિક્ષણની સવલતો ઉભી કરી સાર્વજનિક એજ્યુકેશન સોસાયટીએ એક પ્રગતિનો રસ્તો ચીંધેલ છે. કોલેજનું ભવિષ્ય ઉજાળું અને વધુ ઉજાવણ બને એવી શુભેચ્છા સહ...

- ડૉ. કુસુમબેન દેસાઈ
ઘણા,
સીટાસર્ડ આચાર્ય સર પી. ટી. સાબળ કોલેજ

" I had the great honor to visit this distinguish and honorable Institution of higher learning I was very impresses with all the aspect of functionality and the Attitude of the faculty and students for achieving the goal of learning for the benefit of world kind

- Arnold R Castro
Centers for Disease Control & Prevention

"સાર્વજનિક એજ્યુકેશન સોસાયટી" ના સો વર્ષની ઉજવણી અને સો વર્ષ દરમિયાન સોસાયના દરેક સાથી મિત્રોના સખે આભારી છીએ. જેઓના અઘાગ પ્રયત્નો અને કાર્યશીલતાથી આપણે સો વર્ષની યાત્રા પૂર્ણ કરી છે આ પ્રસંગે અમારી ખુબ ખુબ શુભેચ્છાઓ...

વહીવટી કમંચારીઓ તરફથી સંદેશ....

શ્રીમતી નીખા વી. ઉષાદયાશ્રી વિપુલ એન. લીલારીયા
શ્રીમતી દિપ્તી કે. દેસાઈશ્રી તુષાર એ. દેસાઈ

" It gives me pleasure to glance through the glimpses of the acitivities of the college"

- Tahirbhai Shiyamwalal
Donor

" I am sure that your institution will continue ti contribute a lot to the society even in future "

- Prin. Dr. J. T. Desai
Principal, Shah K. M. Law College, Valsad

" The Centennial Celebration of the institute is a symbol of contribution of Donors, Stakeholders, Patrons, Principals and Alumni and above all the Student"

- Dr. K. N. Chvda
Principal, Amroli College

" The Social Service done by SES is indeed commendable"

- Mr. Paresb Patel
President, S.G.C.C.I. Chember Surat

" I feel that the dream of visionaries has materialized in the practical establishment of SRKI & SES"

- Dr. Anand Bhatt , KCG

" It takes lot of patience and hard work to achieve such glory & expansion, while keeping the traditional values of education alive "

- Dr. Bankim Patel
Director, R. I. College of Management, U.K.T. Uni

" SES has become a Centre of Education and has reached great heights owing to the development of Surat"

- Dr. Ashokbhai Desai
Principal, Co-ordinator
Guj. State Principal Association



☛ "I am grateful to all my teachers"

Sahil Awadia

BA Student, VNS, Bangalore

☛ "I proud to be associated with the college and to see the college shining with success"

Jenifer Darderwala

BA Student

☛ "The contribution of the institute in promoting literary, Cultural and Social activities is commendable"

Kiran Pokharana

BA Student

☛ "The co-operation and team unity of the college is indeed appreciative and research is good score at NAAC accreditation of college"

Dr. B. K. Bhatt

Principal, VNSGT, School & Computer Science, Navsari

☛ "Well enabled learning, well equipped and classrooms aided with technology are the star attractions of VNS College"

Dr. Pankaj Desai

Principal,
VNSGT, School & Computer Science

☛ "It is indeed commendable and noteworthy to see VNS contribute not only for Surat Students but also for school students & students of VNSGT by organizing more than 20 inter school & inter college competitions"

Dr. D. Y. Champaneri

Principal,
VNSGT, School & Computer Science

☛ "વિદ્યા નો અભ્યાસ એવાંથી એવલેલ થઈ શકાય છે તે જીવનનો"

શ્રીમતી મેહતા



PRATIKIM
the reflected image

CENTENNIAL CELEBRATION



Centennial Celebrating Issue

PRATIKIM
the reflected image

Warm Wishes for
"Centennial Celebration" of SES

Shree Ramkrishna Institute of
Computer Education & Applied Science, Surat

અધ્યાજીવિ



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to the beginning of 20th century i.e. round about 1920-30 Physics broke its 300 years old slumber in which the dream was of Mechanomorphic universe moving unfailingly like a perfect machine.

Einstein's Relativity is an entry for Physics on macro universe and Heisenberg's uncertainty is a micro universe entry for physics. The physicists put an effort on the construction of a picture of universe immediately after 10⁻¹⁷ seconds of its birth in the Big Bang. Blackholes are emerging more powerfully in this world picture. At the microcosmic level the atom an unbreakable hard material broken into more than 200 sub atomic Particles but today they are more described as events rather than the particles in a sub-atomic world. In fact Fritof Capra liked to call them one step ahead as 'An interconnected patterns of dynamic energy'. Those particles or events are short lived emerged as waves which are more unreal than real.

Max Born has emerged a new speculation that photons and electrons may be conscious or organic. The external universe may be the creation of our mind. It is slowly appearing as an 'omnijective universe' which reflects the subjectivity and objectivity of the universe. In this way the science has already entered the areas of eastern mysticism. The subatomic world is according to Einstein is like an 'unopenable watch' where we can see the pointers move on dial but the mechanism underneath cannot be seen. The increase in the knowledge of science has also proved in parallel the vast ignorance knowledge yet to know.

In fact the dream of Einstein and all other prominent physicists was profoundly simple and towards 'The grand unification' which was dreamed by philosophers and Asian Saints millennium ago. The grand unification that physics contemplates today is not merely a unification of mass and energy nor a mere unification of different kinds of cosmic forces but for the first time in the history of science it is going to be an unification of 'mind and matter', subject and object, scientist and experiment.

Increased knowledge at macro cosmic and microcosmic level compelled the thinkers to move deeper into the origins of the universe and still deeper into the way of how consciousness is related to the universe. The consoling message from this has tempted the physicists to think that the ultimate building block of universe cannot be gained by the search of ultimate particle but by a discovering if possible by a single tone out of which all the other forces have been made which runs the universe. The religious people may call it as 'God' and the researcher may call it as 'unified force'. Albert Einstein was the first dreamer of this force which exist in 'unified field' unfortunately Einstein failed because he did not incorporate the fundamental quantum principle of the uncertainty as he had a strong belief that 'God does not play a dice'. Stephen Hawking a champion of Astro Physics thinks that the unification of electro weak and strong interaction forces is an outstanding problem and its solution may draws us to find the 'origin of universe'. The search for this has become a passion with many physicists today. They feel that this will be helping the picture of Big Bang. In many ways the emerging picture of universe compares more with the Indian concepts of Kalpa i.e. the cycles of creation and the Brahman the conscious knowledge according to Hawking. The Big Bang not be very like Genesis but at least you can regard it as a creation and you can 'involve' God as a Creator. It seems very reasonable to suppose that there may be some unifying principles. There is some bigger law from which all other laws can be derived. Compare with one of Gita's Adhyay '11' Vishwarupdhanan Yog. Krishna's Viratropoc concludes the unification of all the forces in one force.

When the first bomb was experimentally exploded, Oppenheimer standing ten thousand yards away began to hum the lines from Bhagwad Gita: 'The radiance of a ten thousands Suns were to burst into the sky that would perhaps be like the splendor of the mighty one' [Adhyay 11 Shlok 12]. That was a moment of great significance when 'Western Science converged towards Eastern Vedanta'. It is written by A.D. Reincourt in his book 'The Eye of Shiva'.

Reference

- Quotes by Heinz Pagels 'The Cosmic Code'
- Cambridge Lecture of Stephen Hawking
- Complete works of Swami Vivekananda and of Swami Jitatananda
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એક મુઠ્ઠા સીસામાં

સ્નીહા મુનશી (T.Y.B.T.)

ઉગમની ખરાબતા પણ થઈ ગઈ હતી. જે દિવસે ભગવાઈ તો ઘરમાં ઘણા-મરતી, ખાલખાલ-ખાલખાલ, ઉગમગીતો, મહેમાનોની...

તેણીને એક પ્રકારની એકમી એક દીકરી હતી. તેનું તો દેખાવે કા-રખતો સખાર, ચીવળ તો છેલકાવું હતું. એમાં પણ માતા-પિતાના...

તેનું તેના સરસર પણ ઘોડાવ દિવસમાં ખણાનું દિવ જુદી લીધું હતું. એ એની પિત્ર અને માતાનારી ઘણાની જની ગઈ હતી. ઘોડા...

હું મનમાં તુ કમ છે. હું મનમાં પૂજા કરીને ઉઠું છું. અને ડાક્ટર પાસે જવાનું છે. આને તો ખૂબ તારી પૂજા થઈ છે, મે...

એક રે : ગડી તુ પલ તો મારી દીકરી વડી વ છે ને. ... ઘણું : જા જાવ. ... કા : જાવ. ... ફોન મુકાય ગયું. વિનોદ અને તેનું...

તેનું તે સંવત્સરમાં કાઠકાવ સખાર સખાર છે. મમ્મી / મમ્મી... કોણ છે ? કોણ છે ? ત્યાં ? ... મમ્મી હું તમારી દીકરી... કોણ ?...

તેનું પોતાના પેટ પર કાચ ફેરવેને પોતાની દીકરીની ઘણાવાર અનુભવ છે. તેનું પોતાના માતા-પિતા સાથે આવે છે, જેમણે પણ તેને...

તેનું આ સખાર મીઠા વગર સાંભળીને તેના પેટમાં તેની ખાલકીની ઘણાવાર ખુશીમાં માર્યું વધી પડ્યું છે...



ગર્ભ

સ્નીહા સેઠીની વી. (T.Y.B.T.)

પ્રકૃતિ મા ભગવાને ઘણા લોકોને સર્વન કરવાની શક્તિ આપેલી છે. પરંતુ એ વ સર્વનહાર વચારે ઘનુ કૃત્ય કરી ખેડો છે. ત્યારે તેને...

અહીં એક સુદર મનોવચ આપેલ છે કે જે સ્ત્રી ભૂલ એની માતાના ગર્ભમાં વ વિચારતુ હશે વચારે એને મારવામાં આવે છે. એ વિચાર...

જે અઠવાડિસ ગર્ભ - હવુ તો હું વિકસવાનુ શરૂઆત કરું છું મારે હવુ જે નાની નાની આંખ ખળવાની શરૂઆત થઈ છે. અને ધીમે...

પણ આ શુ ? મારી મા અને ડાક્ટર આ શેની વાત કરી રહ્યા છે ? મારો શુ વાક ? હવુ તો મે પુરી દુનિયા વ નથી ખેઈ. શુ હું નારી...

પણ આ માટે જવાબદાર કોણ ? ડાક્ટર ? એ તો છે વ પણ એની સાથે સાથે એના કરતા વધુ જવાબદાર એના માતા-પિતા છે. કે...

આ કોઈ સરળ વાત નથી, આવા નાવુક મુખળા ભૂલની હત્યા કરવી... પણ એ સ્ત્રી ભૂલ લાચાર ખની રહે છે. આજે જેવામાં તો સ્વમી...

એક છોકરાના સતાન પછી છોકરી થાય તો આવકાર્ય... પણ જો એ છોકરી સતાન પછી ખીજુ છોકરી સતાન થાય તો Abortion !!!...

આ ઉપરાંત વિશ્વમાં માણસતામાં ઈશ્વરે કુકલ નારીને વ એ શક્તિ આપી છે કે એ મનુષ્યનુ સર્વન કરી શકે. તો એ વ સર્વનહારને...

"Please Do Save Girl Child"



વૃદ્ધ

- મિતુ પટેલ (T.Y.B.T.)

એક સમયે નામનું ગામ હતું. તેમાં મજનભાઈ નામનો એક માણસ હતો. તેમના ચાર બાળકો હતા. તે ગરીબીમાં મોટા થયેલા હતા. તેમના પિતાએ તેઓને ભણાવી ગણાવીને મોટા કરેલા અને ભણવામાં ચારેય ખૂબ આગળ વધ્યા. અને તે લોકો ખુબ સારા પૈસા પણ કમાવા લાગ્યા. સમય વતા તે લોકોની મા સ્વર્ગવાસ થઈ ગઈ અને તેમના પિતા એકલા હતા. આ ચાર ભાઈઓ અને તેમના પિતા એકલા રહેવા લાગ્યા. સમયવતા તે લોકોના જીવન થઈ ગયા. પછી તેમના પિતાને સાથે રાખવા તે લોકો ઝઘડવા લાગ્યા. તે લોકોએ તેમના પિતાને રાખવા માટે છ મહિનાનો સમય રાખ્યો. એક સમય એવો આવ્યો કે આ ચાર ભાઈઓને તેમના પિતાને છ મહિના રાખવા પણ કપડા લાગ્યા અને તે લોકોના ઘરમાં તેમના પિતાને લઈને ખૂબ જ ઝઘડા થવા લાગ્યા. તેમના પિતા આ વાતે ખૂબ જ દુઃખી થયા તેમણે વિચાર્યું કે ' જે બાળકોને મે ગરીબીમાંથી ઉછેરીને મોટા કર્યા તે બાળકો આજે મને સાથે રાખવા પણ તૈયાર નથી'

સમય વતા તે ચાર ભાઈઓએ તેમના પિતાને વૃદ્ધાશ્રમમાં મૂકી આવવાનો નિર્ણય લીધો અને તેઓ તેમના પિતાને વૃદ્ધાશ્રમમાં છોડી આવ્યા. તેમના પિતાને ખુબ દુઃખ થયું અને તેઓની તબિયત પણ ખુબ ખરાબ થઈ ગઈ. પરંતુ તેમના ચાર છોકરાઓ જાણે તેઓના પિતાને ભૂલી જ ગયા હોય તેમ કદી જ ખેંચા પણ ન આવ્યા અને અહીંયા વૃદ્ધાશ્રમમાં તેમના પિતાનું જીવન ગુજરતું ખુબ મુશ્કેલ બની ગયું. તેમની છોકરી ને આ બધી ઘટનાની ખબર પડતા તે અહીં વૃદ્ધાશ્રમમાં આવી અને તેના પિતાની ખુબ સેવા કરી. અને તેમના પિતાને તેમના ઘરે લઈ ગઈ. આ સમયમાં તેમના છોકરાઓને પણ કપડા સિંચાટિ આવી અને પૈસામાં મોટા થઈ સમય વતા તેમના પિતા પણ મૃત્યુ પામ્યા.

" વૃદ્ધની સેવા કરવી ખોઈએ. એનાથી વધારે પુણ્ય કોઈ પણ સેવામાં મળતું નથી."

Old-Age Home

- પ્રતિક પડયા (T.Y.C.S.)

Realm of my memories got teaged when I saw myself apart from my dear. Sweated brow, bent waist are the proofs of my deeds but these were not able to make my hero cheer. Pleasing the wretch, hoping the gopd are only left to peer 'Old age home' Where I have got in is the only hell to shed my blooded tears. Promise once you did to keep me near it seems that you have gone offshore leaving me alone here. A blissful life, reaping the joys are mirage to conceive as you have made everything around me so oblivion, Eternal love with the ray of hope for my dear that atleast you rejoice the smile of your dear being 'near'



દંટનાઈ

- પટેલ પ્રિયંકા પ્રકૃતભાઈ (T.Y.M.B.)

એક ઘરમપુર નામનું ગામ હતું. ત્યાં એક પુત્ર તેના કુટુંબ અને તેના વૃદ્ધ પિતા સાથે રહેતો હતો. તે યુવાન પુત્ર પોતાની પત્નીની યડામણથી તેના વૃદ્ધ પિતાની સેવા કરતો બંધ થઈ ગયો. અને તે વૃદ્ધ પિતાનો ખાટલો પશુઓની વચ્ચામાં મૂકી આવ્યો અને ખાટલા સાથે ઘેરી અને ઘંટ બાંધી દીધો. યુવાન પુત્રે તેના પિતાને કહ્યું તમારે અહિં જ રહેવાનું. અને કંઈ પણ કામ હોય તો આ ઘંટ વગાડવો ત્યારે આ સમય ઘટના એ યુવાન પત્રનો નાનો પુત્ર નિહાળતો હતો આમ તે સમય વતા મોટો થયો અને તેણે તેના પિતાને વૃદ્ધ ઘાંટની સેવા કરવા માટેનો પાઠ શીખવવા વિચાર્યું.

યુવાન પુત્રનો પુત્ર એકવાર તે ઘાંટના ખાટલાએ બાંધેલો ઘંટ અને ઘેરી છોડી આવ્યો અને તેણે ઘંટ છુપાવી દીધો. તેના પિતાને આ ઘંટ ન ખેંચા મળતા તેમણે તેના નાના પુત્ર પાસે પૂછપરછ કરી તો પુત્રએ તેના યુવાન પિતાને જવાબ આપતા કહ્યું કે, ' આ ઘંટ મેં છુપાવ્યો છે કારણ કે, પછી મારે નવો ખરીદવો ન પડે ને એટલે'' એટલો જવાબ સાંભળતા જ તેના યુવાન પિતાને બધી જ વાત સમજાય ગઈ.



અધકધક માનવી !!!

- કાલકીયા દિલીપ એલ (M.Sc. B.T.)

લાગણીશીલતાથી હૃદયપર થયો છે માનવી, ફરખોના નામે નિષ્કુર થયો છે માનવી. પ્રેમ અને સંબંધોના છાંયડામાં, વાતે વાતે દગાખોર થયો છે માનવી. વિનાશક પડેલ પાછળ, ઢિંસા કરીને, બેશક બદનામ થયો છે માનવી. બેસી મુજ નભો મંડળમાં વિચારું, અધઃ: શુ કરી રહ્યો છે માનવી.

ભૂણ પોડારે

- પ્રતીક પડયા (T.Y.C.S.)

જનનીની જનનશક્તિની આ તે કેવી લાચારી ! દુ:ખમાં આકાર લેતું બાળક નર કે નારી ?, સ્ત્રીત્વની પ્રેરણા ખુદ બનનારી કેમ બની 'ભૂણહત્યા' ના પાપે ખુદના અસ્તિત્વને બોખકારી, સમાજના રૂઢિચુસ્ત, નિર્લજ બંધનોને તાબે થનારો, માણસ કેમ બુલ્યો તેના સ્વાસના કારણને ઘડનારી, દભી માનસનો દભી દેખાડો 'દીકરી વ્હાલનો દરિયો' ફક્ત શબ્દોમાં બનનારી, પુત્ર ઝંખના આ તે કેવી અકળાવનારી પુત્રી બની ફક્ત એક નારી જવાબદારી, પ્રગતિમય સમાજની આ હકીકત ચોક્કાવનારી પુત્રનો હરખ મુજ હૃદયમાં નિર્ણય કરનારી, ખુદ માટે ઝગમગતી એ 'બાળકી' બેચારી ક્યારે આપીશુ ન્યાય તેની વેદનાને સો 'લુધિવાદી', રંગોળી આત્મા ખુદને કરીએ એક મત જીવમાં પણ ઘાય પુત્રી પુત્રને સમકારી.

“અવાજ”

- દુર્ગા રાજપુત (T.Y.B.T.)

આજથી ૧૦૦ વર્ષ પહેલા ધણા બધા રાજ્યો અને ગામોમા સ્ત્રી ભૂણ હત્યા જેવી હિંસક ક્રિયા કરવામા આવતી હતી. એ સમયમા કુલદીપસિંહ નામના રાજા હતો. તેઓ ખૂબ ધનવાન અને પ્રભાવશાળી હતા. તેમની એક ખૂબ સુંદર અને સુશીલ પત્નિ હતી. જે દેખાવમા ખૂબ જ સારી હતી. તેમનું જીવન સુખીથી ચાલતુ હતુ. ઘણા વર્ષો પછી પણ તેમને એક પણ બાળકનુ સુખ પ્રાપ્ત થયુ નહોતુ. પણ જ્યારે ખૂબ જ ભગવાનની પ્રાર્થના પછી તેમને બાળક પ્રાપ્ત્યની ખૂબ ખુશીના સમાચાર મળ્યા. તેઓને એક સુંદર પુત્રીની પ્રાપ્તિ થઈ. તેમની પત્ની ખૂબ જ ખુશ હતા પરંતુ તેમના પતિ રાજા હતો તેઓને પુત્રની ઈચ્છા હતી. પરંતુ તેમના પત્નીના જીદને કારણે તેમને પુત્રીને મારી નહી પરંતુ બીજા કોઈ ગામના માણસેની આપી દીધી.

ગામના જે માણસને પુત્રી આપીને તેઓ તેમના બીજા સંતાનની રાહ જવા લાગ્યા. જ્યારે તેઓ એ સમાચાર મળ્યા કે તેમની પત્ની ગર્ભવતી છે તેઓ ખૂબ ખુશ થયા અને આખા રાજ્યમા તેઓએ મહોર અને મોટીઓ વેચ્યા.

પછી તેમને ત્રણ મહીના પછી કોઈ ગુરૂ પાસેથી પત્નીના ગર્ભની ભવિષ્યવાણી કરાવી તો તેમને પહેલેથી જણા થઈ ગઈ કે આ વખતે પણ તેમને પુત્રીની પ્રાપ્તિ થશે. પછી તેમને પોતાની પત્નીને ગર્ભપાત કરાવવા માટે મજબૂર કરીને ગર્ભપાત કરાવી નાખ્યો. અને પછી તેમણે એક પુત્રને દત્તક લઈ લીધો. એ પુત્ર મોટો થયો તેને રાજાએ પોતાનું રાજ્યપદ આપી દીધું. પછી એ પુત્રનો સ્વભાવ ખૂબ લાલચ અને સ્વાર્થી હતો. તેણે પોતાના માતા-પિતાને ખૂબ અત્યાચાર કરીને જેલમા પૂરી દીધા. અને પોતે ખૂબ આરામથી જીવવા લાગ્યો.

પછી ખૂબ રાજાની દલીલોથી જેલમાંથી મુક્ત કરીને ઘરમાંથી કાઢી મૂક્યા. પછી વૃદ્ધ રાજા અને પત્ની એક ગુપ્તકામમાં રહેવા લાગ્યા અને ત્યાં તેમણે એક કુટુંબ જોયું. જ્યાં એક પતી પત્નીનું કુટુંબ હતું તેમને પાંચ છોકરીઓ હતી.

એ પાંચ પુત્રીઓ એટલી કુશળ, તેજસ્વી અને નિડર હતી. તેઓ તેમના મા-બાપની એટલી સેવા કરતી હતી. તેમને એટલું સુખ આપતી હતી. અને આ બધું જોઈને તેમને પોતાની પહેલી દીકરી યાદ આવી ગઈ. પછી તેઓ તેમની શોધ કરી. પછી એ દીકરી મળી ગઈ. પરંતુ તેણે પોતાના મા-બાપને કીધું કે તમે મારા મા-બાપ નહી હોઈ શકો જેમને મને જન્મતાની સાથે જ પરાઈ સમજીને ધીકકારી દીધી. મારા મા-બાપ આ જ છે અને રહેશે જેમણે મને આટલા વર્ષોથી સાચવીને મને મોટી કરી છે પછી છોકરીની માતા બોલી કે પુત્રી તું જે કહે છે એ બધું ખૂબ જ સત્ય અને ખરું છે. અને તારાથી સાથે જે કરીયું એ માફ કરવા લાયક નથી. પછી એ બંને જણા પાછા ફરી ગયા.

પછી પત્નીએ રાજાને કીધું કે મારી દીકરી કેટલી ગુણકારી છે એ પોતાના સગા મા-બાપ ન હોવા છતા તેમને છોડવા તૈયાર નથી. અગર એ બંને આપણી પાસે જ રહી હોત તો આજે આપણે આ દિવસ ન જોવા પડ્યો હોત.

વાર્તાનો બોધ એટલો જ છે સ્ત્રી ભૂણ હત્યા દુનિયામાં કોઈ મોટું પાપ નથી. સ્ત્રી પાસે દુનિયામાંના કોઈપણ દુનને લડવાની તાકાત છે અને દરેક સુખમાં રંગ અને ઉત્સાહ ભરવાની તાકાત છે. સ્ત્રી એક એવી નારી શક્તિ જે જેનાથી મકાન ઘર બને છે. અને સ્ત્રી જ કેટલા રૂપ ધારણ કરે છે. પહેલા દીકરી, પત્નીમાં જે બધા જ સુખ આપે છે ઘરને અને પોતે બધું સહન કરીને બીજાને સુખ આપે છે.



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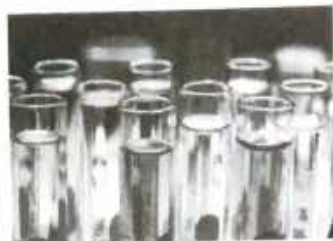
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UNSATISFIED SOUL

The lion craves the fox's art,
The fox the lion's force and heart,
The cock implores the pigeon's flight,
Whose wings are rapid strong and fight,
The pigeon's strength of own wing despises,
And cock's matchless velour prizes:
The fisher wish to graze the plain,
The breast to swim beneath the main,
Thus envious of one another's state,
All blame the creator and fate...!

- Vinod Louis (M.Sc., C.A.)



GOD MADE TEACHERS

God understood our thirst for knowledge, And our need to be led By someone wiser; He needed a heart of compassion, encouragement and patience, Someone who would accept The challenge regardless at the opposition, someone who could see potential And believe in the best in others... So he made teachers....

- Anvata Patel (M.Sc., M.B.)



THE LAST RAY OF SUN

The dun upon the lake is locs,
The wild birds hush their song,
The wills have evening's deepest glow,
yet men tarries long...
Now all whom varied toil and care,
from home & love divine.
In the calm sunset may repair,
each to the loved one's side...

- Vinod Louis (M.Sc., C.A.)



**LUCK
OR
WORK**

He worked by day, and toiled by night,
He gave up play, and some delight:
Dry books he read, new thing to learn:
and forged ahead, eager to earn:
He plodded on with, faith and pluck:
and when he won...
men called it "luck" !!...

- Vinod Louis (M.Sc., C.A.)



I CAN'T

Who said I can't do this ?
Who said I can't do this ?

It's all in my hand
If I think

I am the strongest
or I am the weakest
Its all depend on me
How I think

I can be a winner
or I am a loser
Nothing is impossible for me
If I mean it

If I am confident in me
God is always there with me
so, nothing is impossible for me
What do you think ?

- Kinjal Sojitra
(S.Y.B.T.)

**YOUR DREAM
WILL ALWAYS
DEFEAT REALITY
IF YOU GIVE IT A
CHANCE**



સ્વ. ડૉ. સી. એમ. દેસાઈ
સાર્વજનિક એજ્યુકેશન સોસાયટી



સ્વ. એ. એચ. શાહ
દ્વિતિય ઉપાધ્યક્ષ
સાર્વજનિક એજ્યુકેશન સોસાયટી



સ્વ. લાલશુભાઈ કાનુભાઈ ઘોળકીયા
શ્રી રામકૃષ્ણ પરિવાર



માનનીય કાંતિલાલ વે. શાહ
પ્રેસીડન્ટ
જીવન વચ્ચેત ટ્રસ્ટ



ૐ શાંતિ: શાંતિ: શાંતિ:

Dr. Ratna Trivedi
Assistant Professor, Microbiology

Dear Father

You held me when
I still didn't know
you were my daddy

I don't know when
I called you daddy
I only know
that you adored me,
your baby

I love you my daddy
for all the moments in my life
all the moments when you scolded me
showed me the right path
all the moments when I scolded you
and told you to leave me alone

for all the moments you were patient with me
for all the times you still opened your arms
when I returned home
defeated and heart broken
for all the times
for all the times



उठी रङ्ग
आ नमोना
दे रसो
आरुणु
अवरोधना (इसरोली)
पुन्नी रोकता
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Dr. Toral Desai
Assistant Professor, Dept. of Biotechnology

The most recent outbreak of the H1N1 influenza virus, better known as swine flu, was first detected in Veracruz, Mexico, in the spring of 2009. Both the World Health Organization and the U.S. Centers for Disease Control termed the outbreak a pandemic. Millions of people all over the world panicked, and although swine flu never became the kind of global catastrophe the 1918 flu did, it has been blamed for roughly fourteen thousand deaths.

Ten years earlier, in 2003, another potentially fatal flu, severe acute respiratory syndrome, or SARS, caused a similar global panic. SARS originated in southern China but spread to infect citizens in roughly forty countries. By the time the virus was contained in 2006, it was thought to be responsible for nearly eight hundred deaths, and people all over the world were going to heroic lengths to protect themselves and their children from exposure.

For doctors, government workers, and other health officials, a well-publicized global contagion spells a nightmare scenario: stockpiling and administering gallons of vaccines, diagnosing and treating thousands of patients, and spending countless hours and rupees trying to allay widespread panic. Our health authority person Mr. Gulam Nabi Azad spelled "Any Flu TEMYFLU". For a number of companies and marketers, however, it signified something entirely different: a golden opportunity.

Thanks in large part to these two global health scares, today we've welcomed antibacterial hand sanitizers into our lives as a cheap, everyday, utterly essential staple. Expected to exceed \$402 million in profits globally, a mere five years from now (and that's just in the United States), 11 containers of the soaps and hand gels can now be found at virtually every airport, hotel, restaurant, public restroom, newspaper kiosk, grocery store, and kitchen and bathroom sink across the globe. Millions of women, men, teenagers, and children won't leave home without a small bottle or canister in their purse or pocket. Bath & Body Works and Victoria's Secret have even devised hand sanitizers as fashion accessories. Recently, it is wide spreaded in India too. In short, our war on this unseen enemy, as to speak has become a global family affair.

But, you'll hear addition to these overpriced germ killers isn't just a happy accident for the companies that make them. The advertisers and marketers at brands like Purell, Germ-X, Germ Out, and Lysol of US have worked extremely hard to make us believe that using their product is the only surefire way to stave off grave and deadly disease. "According to the Centers for Disease Control and Prevention (CDC), one of the ways you can help protect yourself from Swine Flu is by practicing good hand hygiene. The U.S. Government recommendations include keeping your hands clean by washing with soap and water, or using an alcohol-based hand sanitizer when soap and water may not be available." The Government website & advertisements, too, updated its home page with information on swine flu, asserting that although it is not yet clear how the virus spreads, "following proper hygiene routines like washing hands frequently can help prevent the spread of illness."

It wasn't just makers of soap and hygiene products who saw serious marketing opportunities in the swine flu panic. Major online retailers also got into the game, taking the opportunity to manufacture and market swine flu protection kits, swine flu safety DVDs, suns, air purifiers and hundred rupee designer face masks. Have you asked yourself "What's in a swine flu protection kit?" None of these kits, some of which came with surgical masks and a light blue garment that looks uncannily like a hospital gown, were endorsed or distributed by the World Health Organization or any other health organization. But it was no coincidence that they were designed and packaged to have a decidedly clinical, medical feel.

All these indicators there is a need of advices from micro & biotech graduates to spread awareness against brand marketing companies draining hard earned money from pockets of our fellow Indian citizens. On one hand government tax liabilities, which imposes more & more burdens on one only service class (failed miserably to catch hold business class & illiterate millionaires), on other hand multinational companies are draining our pockets through helping hands from senseless government propagandas.

I hope this article will enlighten our soul & give us strength to fight against such wrong concepts & lead us to our heritage of not to spend money over useless & foolish expenditures, this is the demand of time to save our citizens becoming bankrupt like US citizens on current day.





Confucius: He was a Chinese thinker and social philosopher whose teachings have influenced Chinese, Korean, Japanese and Vietnamese life to a greater extent. In his philosophies, he advocated personal and governmental morality. His teachings developed into a system of philosophy known to be as Confucianism.



Aristotle: He was a Greek philosopher, student of Plato and teacher of Alexander the Great. He has written over a good number of subjects like physics, metaphysics, poetry, theatre, music, logic, rhetoric, politics, biology and zoology.



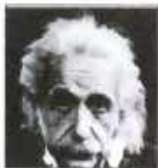
Friedrich Froebel: He was a German pedagogue, a student of Pestalozzi who put forth foundation for modern education on the basis of research that students have their own specific need and capabilities for learning. He created the concept of kindergarten and coined the word as well for use in English language.



Henry David Thoreau: He was an American poet, author, surveyor, historian, philosopher and leading transcendentalist. He is better known for his book *Walden*, about simple living in natural surroundings. His articles, essays, journals and poetry total over 20 volumes.



Noah Webster: He was an American lexicographer, textbook author, spelling reformer, word enthusiast and editor. He is known to be the Father of the American Scholarship and Education. His "Blue-Backed Speller" books have used for five generations in US to teach children English.



Albert Einstein: He was a theoretical physicist and his contribution to the physics is known from the special and general theories of relativity, the founding of relativistic cosmology, the first post-Newtonian expansion, explaining the perihelion advance of Mercury and others. He is best known for his theories of special relativity and general relativity. In 1921, he received Nobel Prize in Physics for his services to Theoretical Physics and his discovery of law of photoelectric effect.

Mr. Sanjay Parekh
"Sarvajnikin", Parent of Vaidhehi & Kevin
R.C.M. Poonawala Experimental School

A positive frame of mind is huge: optimists enjoy better health, stronger relationships are more productive and experience less stress, among other things. This is because optimists tend to take more risks and blame external circumstances if they fail, maintaining a 'try again' mindset; this makes them more likely to succeed in the future and less upset by failure in general. Pessimists, on the other hand, tend to blame themselves when things go wrong, becoming more reluctant to try again with each negative experience in life. They begin to look at positive events in their lives as 'flukes' that have nothing to do with them and expect the worst. In this way, optimists and pessimists both create self-fulfilling prophecies.

Some of the effects of positive thinking are:

- **Improvement in your overall mood.** Positive thinking leads to states of calm, peace, joy, happiness, vibrant energy and optimism. Positive thinking provokes smiles.
- **Physical effects:** several studies have linked positive thinking and health and have shown that diseases can even be healed through the practice of positive thinking.
- **Allow abundance and serendipity** in our lives. A positive attitude maintained through positive thinking brings about the events and the people that will help us achieve our goals. Think about how many times you were in a good mood and 'coincidences' started to happen, which brought you what you needed at that moment in life.
- **Connection with others.** When you practice positive thinking, a connection with other people happens more easily, as you are open to them and not so concerned with your own stuff. Also, when you are in a positive mood you are a joy to others, who may even feel enlightened by your presence.
- **Move in the right direction to achieve what you want.** Thinking positively brings clarity of mind and a courageous attitude, so starting new projects or getting on with existing ones becomes an exciting activity.



We are dealing with just a thought at a time, and "the point of power is always in the present moment", so you can always change that thought. - Louise Hay

Almost all the human beings are facing problems in their lives for one or the other reason; there comes a point where they are stuck. Our lives need a serious makeover.

Normally, personal growth has to be consistent by each and everyone in their daily routine. For many people, self improvement is a continual necessary process. By improving ourselves, we dramatically improve our outcomes and opportunities in our life.

Personal development is a path that takes us to the desired location where we want to meet our goal. It helps us to improve our career, spirituality, emotional health and every other aspects of our life.

Basically, personal development is about making conscious decisions about everything that you do, the way you think and the way you respond to situations. It helps you to attain everything that you always dreamed of.

Some steps which can help you on personal development:-

One of the biggest steps towards personal development is a change of mind set. If you think that you can do better, you will. When you **think positive and believe in yourself, you will find** that you put forth more effort into everything that you do, and you will have much better results. **Everybody needs a strong support system and reinforcing positive feedback.**

Another important step towards personal development is to **set obtainable goals and put effort to achieve them.** This is not to say that your dream is not obtainable. But if you constantly think about the goal of being a millionaire with a successful family, **you will feel** pretty hopeless as that goal seems so far out of reach. Setting obtainable goals simply means that you set goals that lead to the ultimate goal and find out better way to achieve the goal successfully.



Everyone had observed that apples fall on the ground, but only Newton could come up with the laws of gravity. Why majority of masses is not able to observe such kind of event?...!!!

Habitually we try to hook up hard-work and productivity. Is productivity proportional to hard-work? The answer is 'not directly'. I think productivity or output depends upon the stage of the project. Usually, initial stages require many experiments which become a part of the work and may not get reflected in the finished product. Quite often, months of bench work reaches a finishing line and finds a place in print in the form of a few lines. However, these lines have to be significant. Certainly, those who have undergone the travails of long hours of bench work in research will be able to appreciate the calculation of hard-work vs productivity.

The commencement of great ideas requires a junction of bench work, holistic thoughts, and interest that prepares the mind for "karma". Hard-work is not an alternate for hard-thinking and vice versa.

If there is no joy, ease, or lightness in what one is doing, it does not necessarily mean that you need to change what you are doing. It may be sufficient to change the how. "How" is always more important than "what." See if person can give much more attention to the *doing* than to the result that he or she wants to achieve through it. Give your fullest attention to whatever the moment presents. This implies that you also completely accept what is, because you cannot give your full attention to something and at the same time resist it.

As soon as one honor the present moment, all unhappiness and struggle dissolve, and life begins to flow with joy and ease. When one can act out of present-moment awareness, whatever one can do becomes permeate with a sense of quality, care and love - even the simplest action. So do not be concerned with the fruit of action - just give attention to the action itself. The fruit will come of its own concurrence.

Workers usually fall into two broad categories. The first is truly hard-working or workaholics. The second types are those who imagine to work or Dreamer. It is always a good idea to get to in to laboratory as early as possible, the early birds finish their daily work on time following an organized approach. Whatever experiments you plan for the day can be finished in a decent time-frame. According to Thomas Elva Edison: 'Being busy does not always mean real work'. And he truly pointed out on his way to the discovery of bulb: 'I have not failed. I've just found 10,000 ways that won't work'. And hence: "*perfect practice makes perfect man*".

Last but not least, person should not worry if the entire approach is systematic. Success is a journey not a destination.

I hope this article will enlighten our soul & give us strength to fight against such wrong concepts & lead us to our heritage of not to spend money over useless & foolish expenditures, this is the demand of time to save our citizens becoming bankrupt like US citizens on current day.



10 mothers sat in a coffee shop and talked about all the things they wanted for their kids.

The first mother said, "I wish I could give my kids lots of money so they could have everything they want and be financially free".

The second mother said, "I wish I could give my kids knowledge to help them succeed in life. Learning is the way to growth and knowledge is the key to success."

The third mother said, "I wish I could give my kids wonderful friends to keep them company for the rest of their lives".

The fourth mother said, "I wish I could give my kids strength to overcome all the difficulties in life".

The fifth mother said, "I wish I could give my kids compassion and kindness towards themselves and towards others, for compassion and kindness bring all people together and make us one".

The sixth mother said, "I wish I could give my kids acceptance to help them flow with the stream of life and lead them to spirituality".

The seventh mother said, "I wish that I could give my kids gratitude for all that the universe has to offer them, for gratitude is the vibration of all good things in life".

The eighth mother said, "I wish I could give my kids perfect health so they can experience the world with all their senses".

The ninth mother said, "I wish I could give my kids love. Love is everything and love is the answer to all".

The tenth mother said, "I want to give my kids happy thoughts that can lead them to financial freedom, knowledge, friendship, strength, compassion and kindness. A happy, positive mindset will lead them to acceptance, gratitude, health and love, for happiness is the ultimate state of bliss and happy thoughts are the way to get there".



"Where the mind is without fear, And the head is held high?"

-Sir Rabindranath Tagore

This quote as depicts the nature the man has acquired and is raising it through ages. The man has developed such an environment and situation that he himself or may be any living organism on earth is not free from fear. Some fear for position, some for the death, some for loneliness, some for the life itself. Wherever or whatever place the man has acquainted, the fear has prevailed.

Fear is not something that has arose abruptly but it was present along with the existence of life. The only thing is fear has not changed is path and prospered itself to an extent with every step of civilization. Fear once enters the human mind would not let off even if the matter for fear is over. One cause of fear ends, the fear for anything else arises. The professional field is the birth place, the residing place, the growth factor of fear.

What are fears but voices ary? Whispering harm where harm is not
And deluding the unwary Till the fatal bolt is shot

-Wordsworth

But as this quote shows picture that whatever fears we arise, are nothing but the hallucinations of brain and nothing but the imaginations taking shape of what is not present. The consequences are that the actions that are to be taken yield not what is expected but the results unexpected and feared for. Same is exposed by the following quote

"Fear is a little darkroom where negatives are developed." -Michael Pritcha

A man when says he is fearless can have various meaning i.e. he is really not afraid or he is just being modest or bluffing. The following joke from Reader's Digest just shows the man when saying he is not afraid means the opposite as it is spoken.

(I served in a parachute regiment. During a nighttime exercise, I was seated next to a young officer. He was looking a bit pale, so I asked, "Scared, lieutenant?"
"No," he replied. "Apprehensive."
"What's the difference?"
"That means I'm scared, but with a university education.")

Fear is educated into us since our childhood. Even we do the same. When a child is on tantrums or asks for something we tend to distract it from the situation by showing the fear of something or the other. So that means we incorporate the seed of fear into the wet minds of the children which they carry forward and grow in their wake of aging. Not only this, the same round of experience goes on to their children in future. As it is rightly said "fear of name increases the fear of the thing itself."

Whenever you are angry, you are angry because you are afraid. It is impossible to be angry except to be angry because of fearfulness. Example: Think of the last time you were angry. Trace it back, and the source will always be fear. The source cannot be anything other than fear.

To recall an incident of fear, we, I and my roommate had been staying at the company quarters for industrial training. It must have been around 4:00 at dawn, the door bell suddenly rang and someone started thumping the door hardly. Those days few rounds were going around about the gang of robbers roaming in the area. Such hard thumping on the door made us both jump. It was as though not normal but we were afraid not because door was being dragged out but because we had heard the rumours. We both overcame our fear went to look for who was there and soon found out they were not the robbers but relatives of someone who had lived there before. God knows how much we were relieved but as well we could not sleep again for the rest of the hours not because our sleep broke but because the fear of that had not yet concided. Lastly, if I say that no one is free from fear, then I don't think I am exaggerating or being judgmental for everyone and so does the short poem below as it sees life being feared at each age with different matters.

Life has been a shadow of fear, The young age feared the dark,
The adolescent age feared the friends being apart, But now there is no fear left,
Just the feeling of being lonely haunts day and night,
The folly dosed upon by dear ones brings forth the fright,
And who knows fear and fright well ever end,
Or they will accompany even after The End.



Working hard with Happiness, is the key to success. Cheerful people are more likely to try new things and challenge themselves, which reinforces positive emotion and leads to success in work, good relationships and strong health, say psychologists.

The findings suggest that happiness is not a "feelgood" luxury, but is essential to people's wellbeing. What is more, happiness can also extend across an entire nation, with people in "happy" nations being more likely to have pro-democratic attitudes and a keenness to help others.

"Almost always it has been assumed that things that correlate with happiness are the causes of happiness, but it could be just the opposite - that those things tend to be caused by happiness," said Professor Ed Diener from the University of Illinois.

"There was strong evidence that happiness leads people to be more sociable and more generous, more productive at work, to make more money, and to have stronger immune systems," said Prof Lyubomirsky.

Success was not just about earning lots of money. "We define success as obtaining the things that culture or society values, whether it be friends, close family, money and income, or longevity," said Prof Diener.

However, sorrowful people are not condemned to a life of failure. But there is a caveat: your happiness boosters should not be dangerous, like driving fast, or counter-productive, like to down others or criticism.

If you can raise your spirits, the benefits can be manifold. "Happy people are more likeable and more sociable. They are also better able to cope with stress and likely to be healthier and live longer."

Of course to achieve more, be a person of action keeping smile. Throughout our day keep in mind the old saying, "all else fails without action". As we put forth effort on the things we deem to be most worthwhile, we will find that our inner belief system grows.

The beliefs we hold about our self determine the goals we are able to manifest in our life. Here is the some of the lines written with golden soothing words, which consoles, enthuses and exhorts me to get up and finish the last lap of the journey.

Don't Quit

When things go wrong as they sometimes will,
When the road you're trudging seems all uphill,
When funds are low and the debts are high,
And you want to smile, but you have to sigh,
When care is pressing you down a bit,
Rest, if you must, but don't you quit.
Life is queer with its twists and turns
As every one of us sometimes learns,
And many a failure turns about
When he might have won had he stuck it out;
Don't give up though the pace seems slow -
You may succeed with another blow.
Success is failure turned inside out -
The silver tint of the clouds of doubt,
And you never can tell how close you are,
It may be near when it seems so far;
So stick to the fight when you're hardest hit
It's when things seem worst that you must not quit.



On a sunny morning, a science reporter from Discover magazine is sitting anxiously inside a quiet room of a research laboratory. He is here to witness a miracle to happen. He will experience how to see with tongue. This laboratory is of a US scientist called Paul Bach-y-Rita. The room is draped with black curtains. The table is also covered with thick black cloth. Soon a scientist will gently roll a tennis ball on the table towards the reporter who is blind-folded. The ball will not make any sound. The reporter needs to guess direction and speed of ball in order to catch it. He cannot see, he cannot listen, but he can taste the situation. A belt like device is joined to the tongue of reporter. Other end of belt is joined to a camera mounted on the head of reporter. The camera conveys visual signals to belt like electrode that generates small vibration like signal which is captured by the tongue of reporter.

But the question is whether a signal sensed by tongue can be perceived by brain as visual signals? Surprisingly answer is yes. Our tongue can send visual signals to brain. More surprisingly brain can adapt to this new path and new type of signals within minutes. In second roll only reporter can catch the ball.

What are scientific implications of this experiment? During much of the 20th century it was a consensus that functions of brain remains watertight after childhood development. In other words there is little hope of improvement in brain function or structure after a critical period of childhood. Neural circuits of brain are thought to be hard-wired. But the above mentioned experiment suggests that visual signals can be sent via a road meant for taste traffic.

This result critically denies the hard-wiring theory. Later several related experiments gave birth to a revolutionary concept of Neurosciences, Neuroplasticity. It is a term for the ability of brain to change structurally and functionally with change in the input from the environment. Researchers have mapped locations of sensory information processing in our brain. This is called Cortical Mapping. It is not to say that such maps are false, emphasis is on the fact that these maps are not rigidly hard-wired. There is always a scope for change.

The device designed by Bach-y-Rita is now marketed by Wicab, Inc. as a product called BrainPort. Formally this device is known as Tactile-Visual Sensory Substitution system. BrainPort captures visual signals and conveys it to electrode array that sits on the top of tongue.

Erik Weihenmayer is the first visually challenged person to climb Mount Everest. He suffers from a genetic condition deforming retina and thus losing ability to see. He used to go for adventure with some helping companion until he tasted his new device for seeing. He is now an expert using BrainPort.

With such devices Bach-y-Rita wants to give near-normal life to thousands of individuals who have no hope from medications or surgery. There are other sensory substitution systems addressing many disorders.

There are other implications of neuroplasticity principle. One of the most important applications is rehabilitation of brain damage. In one such research, scientists observed that injecting individuals with progesterone reduced neural cell death rate after traumatic brain damage.

A group of scientists have developed plasticity based software to help learning disabilities like dyslexia. The program is known as Fast ForWord.

A huge world of opportunity also exists in designing Brain-Machine Interface (BMI). This technology will help in designing body implant chips to control devices directly by brain signals. Human brain plasticity will hugely enhance efficiency of individuals with artificial neural assistance chips or as they are called, Cyborgs.

But beyond all this, there is a more holistic and more widespread implication of brain plasticity. We all believe that ability of our brain to learn new things and to adapt to new environment is very low. We also believe that human brain always reacts in same old way forever. As said in a Gujarati proverb, "Pran ane prakrut: sathe jaay."

However as proved by the principle of neuroplasticity, there is no limit to new neural re-wiring. Thus a person can learn new things and can also adapt to a seemingly new condition. New good habits can be nurtured and novel skills can be honed. According to a research carried out with H.H. Dalai Lama human brain can heal many physical and mental setbacks by using tools like meditation.

Let us realize this colossal and unlimited opportunity in every child and in each adult.

Let's learn, heal and evolve together

From the History of Assumptions & Modeling

Every human passes through the experience of assumptions and modeling right from the time when human nervous system starts functioning under the embryo. That is, just prior to our birth-date. The very first experience of what we imagined/supposed/assumed/predicted/mooded and what actual real physical world is, was felt on our birth-date. Indeed, it is a happy birthday of experiencing real world situations with the support of pre-birth assumptions or psychological predictions made about a when inside the embryo. Then, there were questions, questions and questions about the physical world with few answers through self-experience and self-learning. During schooling, the poem “twinkle twinkle little star” and the observations of sky gazing have struck the curiosity of mind of every humans enforcing to think about the space. On thinking about God, assumption/predictions/modeling come into picture. When the curious questions are too many, the brain starts making of assumptions and models in general. We do the same as a physicist for the exploration of science in particular. So, making of assumptions and modeling is an inherent nature of every human in general but importantly we, the physicists, have mastered this art for the various purposes, explorations and applications.

Significance of 'x' in supposition

Right from the primary education, when we are to find some unknown, we make the supposition to be 'x'. Practicing frequently in mathematics, find unknown 'x' when one adds two, it becomes eight. Obviously on supposing that unknown to be 'x', we put it as let $x+2=8$. That implies to be $x=8-2=6$. Thus, $x=6$. On making supposition with 'x', our mind becomes completely blank about its value. But, importantly, our mind take a very strong base of what connections 'x' have on addition with number 2 which ultimately results in 8. So, after assuming unknown to be 'x', the logical step (if-2) have helped to find 'x' to be equal to 6. This is how the problem solving becomes easy.

The German physicist called Wilhelm Roentgen on November 8, 1895, at the age of 50, discovered x-rays almost by accident in his laboratory at the University of Wurzburg. At the time of discovery, the properties, origin, characteristics etc. was not known to Roentgen. That is why he called it x-rays. It took quite long time then after to know x-rays fully. By that time, the people all around the globe were so much fascinated by its applications that they didn't bother much to give its credit by the name Roentgen Rays rather than x-rays. Even after 115 years, we also call it x-rays rather than Roentgen rays.

Physics-(scopes, aims, objectives) and Assumptions

Physics describes the general analysis of nature, conducted in order to understand how the universe behaves. Physics covers a wide range of phenomena, from elementary particles (such as quarks, neutrinos and electrons) to the largest super-clusters of galaxies. Therefore physics is called the “fundamental science”. Physics aims to describe the various phenomenon that occur in nature in terms of simpler phenomena. Thus, physics aims to both connect the things observable to humans to their cause, and then connect these causes together. Physics hopes to find an ultimate reason (The Theory of Everything) for why nature is as it is. This quest for unifications driven by practical, philosophical and aesthetic considerations. When successful, merging theories clarifies our understanding of the universe and leads us to discover things we might otherwise never have suspected. Much of the activity in an experimental particle physics today at accelerators such as the Large Hadron Collider at CERN near Geneva, involves a search for novel phenomena predicted by the unified electroweak theory. In addition to producing new physical effects, a unified theory provides a more aesthetically satisfying picture of how our universe operates. Many physicists share an intuition that, at the deepest level, all physical phenomena match the patterns of some beautiful mathematical structure.

Core Theories, Modeling & Experiment

While physics deals with a wide variety of systems, certain theories are used by all physicists. Each of these theories were experimentally tested numerous times and found correct as an approximation of nature (within a certain domain of validity). For instance, the theory of classical mechanics accurately describes the motion of objects, provided they are much larger than atoms and moving at much less than the speed of light. These theories continue to be areas of active research, and a remarkable aspect of classical mechanics known as chaos was discovered in the 20th century, three centuries after the original formulation of classical mechanics by Isaac Newton. These central theories are important tools for research into more specialized topics, and any physicist, regardless of his or her specialization, is expected to be

literate in them. These include classical mechanics, quantum mechanics, thermodynamics and statistical mechanics, electromagnetism, and special relativity. Of course, there are “theorems” in science, particularly in physics, but they often have statements and proofs in which physical assumptions and intuition play an important role: the physical axioms on which such “theorems” are based are themselves falsifiable. Most of the theories in science are fundamentally different in their study of knowledge. A scientific theory cannot be proven, its key attribute is that it is falsifiable, that is, it makes predictions about the natural world that are testable by experiments. Any disagreement between prediction and experiment demonstrates the incorrectness of the scientific theory, or at least limits its accuracy or domain of validity.

The advancement of science depends in general on the interplay between experimental studies and theory. In some cases, theoretical physics adheres to standards of mathematical rigor while giving little weight to experiments and observations. For example, while developing special relativity, Albert Einstein was concerned with the Lorentz transformation which left Maxwell's equations invariant, but was apparently uninterested in the Michelson-Morley experiment on Earth's drift through a luminiferous ether. On the other hand, Einstein was awarded the Nobel Prize for explaining the photoelectric effect, previously an experimental result lacking a theoretical formulation. A physical theory is a model of physical events; it is judged by the extent to which its predictions agree with empirical observations. The quality of a physical theory is also judged on its ability to make new predictions which can be verified by new observations. A physical theory differs from a mathematical theorem in that while both are based on some form of postulate, judgment of mathematical applicability is not based on agreement with any experimental results. A physical theory involves one or more relationships between various measurable quantities. Archimedes realized that a ship floats by displacing its mass of water. Pythagoras understood the relation between the length of a vibrating string and its musical tone; he also produced, and how to calculate the length of a rectangle's diagonal. Other examples include entropy as a measure of the uncertainty regarding the positions and motions of unseen particles and the quantum mechanical idea that energy is not continuously variable. Sometimes the vision provided by pure mathematical systems can provide clues to how a physical system might be modeled.

The Role of Assumptions in Scientific Investigation

“Thought” experiments are situations created in one's mind, following, “Suppose you are in this situation. Assuming such is true, what would follow?” They are usually created to investigate phenomena that are not readily experienced in every-day situations. Famous examples of such thought experiments are Schrödinger's cat, the EPR thought experiment, simple illustrations of time dilation, and so on. These usually lead to real experiments designed to verify that the conclusion (and therefore the assumptions) of the thought experiments are correct. The EPR thought experiment led to the Bell inequalities, which were then tested to various degrees of rigor, leading to the acceptance of the current formulation of quantum mechanics and probability as working hypotheses. Theorists seek to develop mathematical models that both agree with existing experiments and successfully predict future results, while experimentalists devise and perform experiments to test theoretical predictions and explore new phenomena. Although theory and experiment are developed separately, they are strongly dependent upon each other. Progress in physics frequently comes about when experimentalists make a discovery that existing theories cannot explain, or when new theories generate experimentally testable predictions, which inspire new experiments. Physicists who work at the interplay of theory and experiment are called phenomenologists. Phenomenologists look at the complex phenomena observed in experiment and work to relate them to fundamental theory. Theoretical physics has historically taken inspiration from philosophy, electromagnetism was unified this way. Beyond the known universe, the field of theoretical physics also deals with hypothetical issues, such as parallel universe, multiverse, and higher dimensions. Theorists invoke these ideas in hopes of solving particular problems with existing theories. They then explore the consequences of these ideas and work towards making testable predictions. Experimental physics informs, and is informed by, engineering and technology.

Experimental physicists involved in basic research design and perform experiments with equipment such as particle accelerators and lasers, whereas those involved in applied research often work in industry, developing technologies such as magnetic resonance imaging (MRI) and transistors. Feynman has noted that experimentalists may seek areas which ain't yet explored by theorists.

Last week I argued that there is an ambiguity in the notion of “true religion”, which could refer to what we think religion ought to be in its best form, and what it actually, usually is. For now, I want to park the second, empirical question and focus on the first, prescriptive one. Atheist critics of religion are often dismissed for dealing only with the simple, highly literal forms of belief, while ignoring more nuanced, intellectual understandings of religion. The form of this argument varies, but in general terms it rests on a rejection of the idea that religion requires belief in anthropomorphic supernatural beings. As Theo Hobson put it in an exchange with me a few years back, “a huge proportion of believers inhabit this grey area between literal and metaphorical belief – in a sense all believers do. Atheists call this muddle and hypocrisy – they want every believer to be two-dimensional, so as to bash them all with a two-dimensional critique.”

I have a great deal of sympathy for the view that it is possible to have religion without primitive superstition. However, there seems to me to be an intriguing ambiguity in this argument. Is it the case that religion need not or should not include literal, supernatural beliefs? “Should” implies an acceptance that atheist critics are actually right to say that belief in gods, heaven and such like is silly, but wrong to think that intelligent religious people actually embrace such absurdities. That entire “need not” means is that it is possible to do away with the supernatural if you so wish. But that is compatible with the view that not only are supernatural beliefs an acceptable part of religion, they may, as a matter of fact, remain central for most believers.

I can't help suspecting that many people who stress the non-supernatural aspects of religion are actually still very much wedded to the spooky bits, but too embarrassed to volunteer the fact. For instance, I've had many an interesting discussion with a believer about how religious language is not the same as scientific language, only to discover that, when pushed, the faith of my otherwise modern, intelligent and sophisticated interlocutor rests on a belief in Christ's empty tomb.

So I want to see just how many people really do embrace the kind of religious faith that explicitly rejects the kinds of things atheist critics think silly. To do this I've formulated four “articles of 21st-century faith” – beliefs that I think would make religion entirely intellectually respectable, even to the hardest-nosed atheists. They are neither so vague that anyone could put their name to them, nor so specific that people who are broadly sympathetic should feel unable to do so. They are brief and minimalist, stating clearly and concisely only as much as needs to be stated to establish the legitimacy of superstition-free belief. Here they are:

Preamble. - We acknowledge that religion comes in many shapes and forms and that therefore any attempt to define what religion “really” is would be stipulation, not description. Nevertheless, we have a view of what religion should be in its best form, and these four articles describe features that a religion fit for the contemporary world needs to have. These features are not meant to be exhaustive and nor do they necessarily capture what is most important for any given individual. They are rather a minimal set of features that we can agree on despite our differences, and believe others can agree on too.

- To be religious is primarily to assent to a set of values, and/or practise a way of life, and/or belong to a community that shares these values and/or practices. Any creeds or factual assertions associated with these things, especially ones that make claims about the nature and origin of the natural universe, are at most secondary and often irrelevant.
- Religious belief does not, and should not, require the belief that any supernatural events have occurred here on Earth, including miracles that bend or break natural laws, the resurrection of the dead, or visits by gods or angelic messengers.
- Religions are not crypto- or proto-sciences. They should make no claims about the physical nature, origin or structure of the natural universe. That which science can study and explain empirically should be left to science, and if a religion makes a claim that is incompatible with our best science, the scientific claim, not the religious one, should prevail.
- Religious texts are the creation of the human intellect and imagination. None need be taken as expressing the thoughts of a divine or supernatural mind that exists independently of humanity.

I have already sent these to a handful of selected atheists, agnostics and liberal believers for their comments. I'll discuss the initial responses and what they tell us next week. Over coming weeks I intend to find out how many others can go along with them. This will tell us something about how religion really is, as well as how it ought to be. If it really is the case that lots of mainstream religious leaders and believers can happily sign up to this, then religion really is the much more benign, unsuperstitious thing that liberals and agnostics have said it is all along. If not, then I hope these voices will concede that theirs is a vision for how religion should be, not as it is, and join in the criticisms of the religions that actually surround us today.

As I have suggested in recent weeks, I am sure that many will simply refuse to state clearly whether they agree or not. They will complain, for example, that the wording forces them to choose between two equally unpalatable alternatives. But this is to deny a simply logical truth: that if you do not agree with a statement, you disagree with it. For instance, if you cannot say you agree that “Religious belief does not, and should not, require the belief that any supernatural events have occurred here on Earth”, then it follows that you think religion does require the belief that some supernatural events have occurred here on Earth. Either it requires such beliefs or it does not. Yes, there is much more that would have to be said about just what is meant by “supernatural” and so on to work out from this precisely what a person who agrees or disagrees thinks. But that they agree or disagree should be clear.

So let us be plain that to reject these articles of faith would mean to maintain their contradictions, namely:

- Religious creeds or factual assertions are neither secondary nor irrelevant to religion.
- Religious belief requires the belief that any supernatural events have occurred here on Earth.
- Religions can make claims about the physical nature, origin or structure of the natural universe. That which science can study and explain empirically should not be left to science, and if a religion makes a claim that is incompatible with our best science, the scientific claim need not prevail.
- Human intellect and imagination are insufficient to explain the existence of religious texts.

So as you can see, the stakes are high. Rejecting the articles of 21st-century faith means admitting many of the things that are claimed of religion by “stupid and simplistic” new atheist critics. And since I myself have often been critical of this camp, I actually have more to lose than most, should hardly any religious folk be able to sign up to these articles, or explain clearly why they won't in such a way that doesn't leave them either lost in a fog of obfuscation or hanging on to outmoded doctrines. I have done a lot of defending of intelligent people of faith over the years. Are they going to let me down?

HAPPINESS.....

Happiness it's a big question now a days that actually we are happy now a days or not as our expectation and demands are raising day by day with this fast moving world we are never satisfied with what we have always we need more and more??? Why is this???

Until and unless we know its answer we can never be happy because HAPPINESS comes with the inner satisfaction when our heart and soul are in peace when they are satisfied.

Only you know what happiness is to you. And when you are truly happy, you'll know it. It's a feeling of contentment and joy that only true inner peace can bring.

Therefore, I personally define happiness as "INNER PEACE".

That definition might help you to better understand how you go about attaining your goal of "being happy" or "becoming happy" Start with finding peace within yourself. One way to do that is through effective stress management.

There is many reason to get happy if we want to be happy our life gives many moments to enjoy and be happy but it's on us how we use them and understand them , happiness gives you positive energy which can lead you to success probably you can say that it is a "KEY TO SUCCESS".

It also have scientific reason why we get success when we are happy that is just because whenever we are happy our mind is in peace and a peace mind have great ideas to move forward in life to get success.

Now a days we always cry for not being happy not being in good mood but actually "Happiness is always a by product. It is probably a matter of temperament, and for anything I know it may be glandular. But it is not something that can be demanded from life, and if you are not happy you had better stop worrying about it and see what treasures you can pluck from your own brand of unhappiness."

Happiness always increases when shared to someone it feels so good when someone is there to share your joy to increase your smile more and more another meaning of happiness is "TO GIVE LOVE and SHARE JOY"

Happiness is in everything which relaxes your mind like in a soft music when you are too stressed from your exam , the moment your baby calls you daddy and mom after a hectic day of job , the moment a mother holds her baby for first time after so painful delivery , the moment when your baby says mom and dad for first time after many sleepless night , a youngsters first salary , meeting your beloved for first time ... there are unlimited moments in your life if you understand and enjoy them.

Your life gives you both things happiness and sadness, it's on you what you take if you are positive and have guts you can make good form worst thing and if you are negative thinker you will make even good things worst

At last I will just conclude that live with your positive attitude and you will be happier forever.

"Happiness is like a butterfly
The more you chase it, the more it eludes you.
But if you turn your attention to other things,
It comes and sits softly on your shoulder."
Just enjoy them with true heart



**Microcare
Laboratory
& TRC - SURAT**

**LABORATORY ACCREDITATION
& ATTACHMENT**

- AN ISO 9001:2000 CERTIFIED
- NABL ACCREDITATION
- IRL (INTERMEDIATE REFERENCE LABORATORY) ACCREDITATION
- LIFE TIME MEMBERSHIP OF INDIAN ASSOCIATION OF MEDICAL MICROBIOLOGIST
- LIFE TIME MEMBERSHIP OF HOSPITAL INFECTION SOCIETY OF INDIA
- STOP TB PARTNER - WHO

REFERENCE MATERIALS

ATCC STRAINS :

SR NO	ATCC STRAIN NO	ORGANISMS NAME
1	8427	Proteus vulgaris
2	10711	Haemophilus influenzae
3	12228	Staphylococcus epidermidis
4	19615	Streptococcus pyogenes
5	25922	Escherichia coli
6	25923	Staphylococcus aureus subsp: aureus
7	24803	Pseudomonas aeruginosa
8	25217	Enterococcus faecalis

MTCC STRAINS

SR NO	MTCC STRAIN NO	ORGANISMS NAME
1	22	Staphylococcus aureus
2	96	Salmonella typhi
3	96	Klebsiella pneumoniae
4	109	Candida albicans
5	707	Aspergillus niger
6	441	Bacillus subtilis
7	152	Streptococcus pyogenes
8	453	E coli
9	142	Clostridium tetani
14	396	Mycobacteria smegmatis
10	1371	Aspergillus clavatus
11	1008	Pseudomonas aeruginosa
12	4018	Aspergillus fumigatus
13	1006	Vibrio cholerae

Warm Wishes for
" Centennial Celebration" of SES

Respected sir,

Our Brief Introduction is That: Micro Care Laboratory is an ISO 9001:2000 and NABL (IS:189:2007) & IRL (INTERMEDIATE REFERENCE LABORATORY) certified laboratory. We Are in the Business of Microbiological Testing. Microcare Lab Well Equipped & Qualified Personal Servicing To Human Being since 6 Years in The Center Of Surat, Gujarat, India. We Are Committed To Achieve Customer Delight By Continual Improvement In The Quality Of Our Services. Ensuring Compliance To National And International Regulations. Relating Our Operations. Ensuring Safe Work Environment and Safety to the Employees and Associated Public - Customers, Suppliers and Others. We are working with 30 Super & Super special Doctors Hospital and 80 Laboratories.

LABORATORY DETAIL

Microcare Laboratory is Register under Partnership Firm, as per Govt. of India rules. Located in the centre of the Surat.
Laboratory working area is 2510 68 sq Ft
105/208, Manthan Point, Unapani Road, Lal Darwaja, Surat. 395003
Ph. 0261 / 2450049 - 6952555 Mob. 98241 98056
Email: microcaresurat@gmail.com / microcaresurat@yahoo.co.in
www.microcarelab.com

TEAM WORK

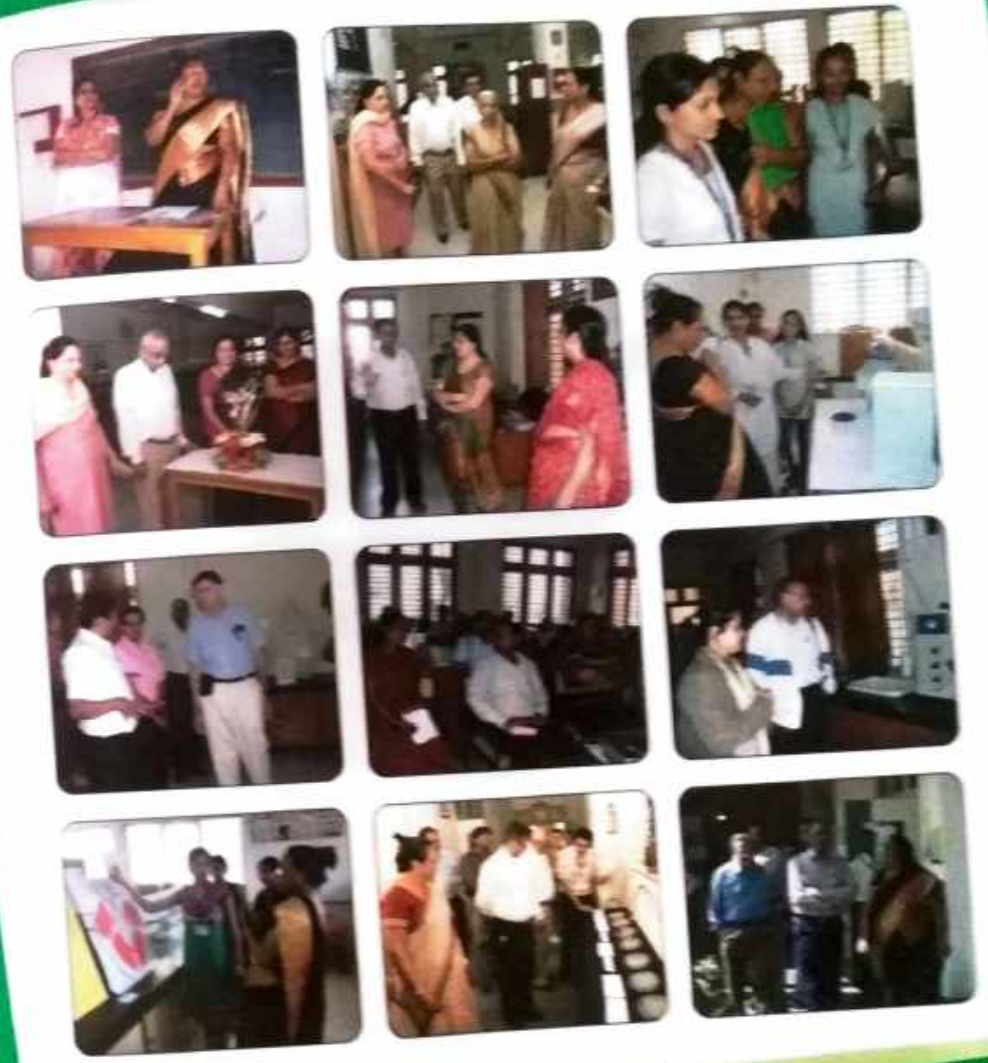
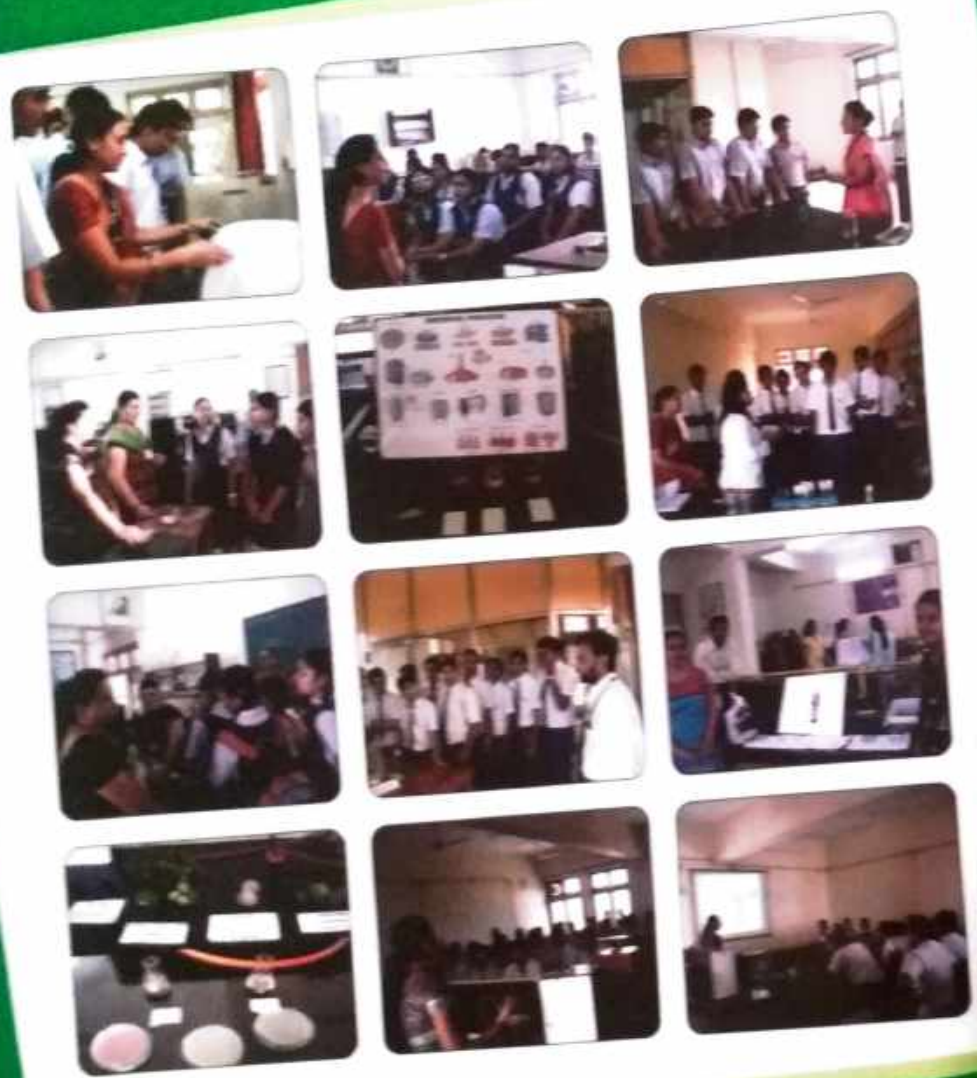
- Microcare Laboratory established in 2004, working On Exclusive Microbiology, South Gujarat's First and Only One ISO 9001:2000 and NABL Certified Microbiology Laboratory.
- Project Work on Minimum Inhibition Concentration (MIC) and Minimum Bactericidal Concentration (MBC) Of Newly Synthesized Drugs and Herbal Drugs.
- Simple and Cost Effective Sputum Preservation and Transport Techniques for Mycobacterium Culture and Other Bacteria.
- Culture and Drug Susceptibility Testing Of M. Tuberculosis by [-] Culture Method
- Rapid Culture Of Mycobacterium By MGIT BacT Automated Liquid Culture System
- Diagnosis of Extra Pulmonary Tuberculosis by Conventional and Automated Methods.
- Culture and Drug Susceptibility Testing For Other Bacteria.
- Biological Activity of Newly Synthesized Drugs.
- Anti Tuberculosis Activity of Newly Synthesized Drugs.
- We can provide study of an antibiotic sensitivity pattern data from Urology clinic patients, Cancer clinic patients, Diabetic clinic patients, Surgical ICU, MICU etc.

OTHERS: We have also other resistant pathogen isolated from various patients.

- H37RV Mycobacterium tuberculosis
- MRSA [Methicillin Resistant Staphylococcus aureus]
- VRE [Vancomycin Resistant Enterococci]
- MDR TB [Multidrug Resistant Mycobacterium tuberculosis]

D.PRAJANI Managing Partner, Microcare Laboratory,

105/208, Manthan Point, Unapani Road,
Lal Darwaja, Surat, Gujarat, India.
Ph. 0261 - 2450049 / 6952555 Mob. 98241 98056
E-Mail: microcaresurat@gmail.com/
microcaresurat@yahoo.co.in www.microcarelab.com





Celebrate

*Celebrating life nicely fits
In this meaningful day*

*Of thanksgiving prayers,
Camraderie and glee*

*Forget all past trials,
Confusions, humiliations and vows.*

*Reflect, pray, forgive and
Strive to lead them to a close*

*Allow senses and experiences
To oust everybit of sorrow*

*And everything would be in place
For a brightal tomorrow.*

*By Reena Desai
Dept. of Microbiology*



Seven Secret of Success

I found answer in my room

Roof said iam high

Fan said be cool

Clock said every minute is precious

Mirror said reflect before you act

Window said see the world

Calendar said to be up to date

Door said push hard to

achieve your goals

*By Trupti Desai
Dept. of Microbiology*

Planning For a Better Tomorrow



If you plan for a year. Plant a seed.

If for ten years. Plant a tree

If for hundred years. Teach the people.

When you sow a seed once,
you will reap a single harvest

When you teach people,

You will reap a hundred harvest.

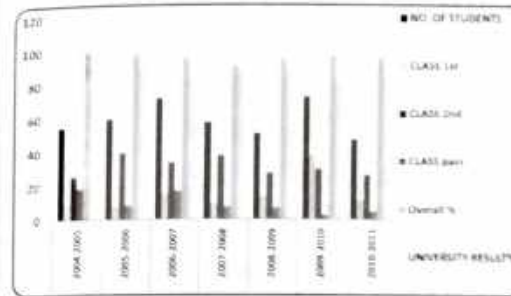
*By Shafali Desai
Dept. of Microbiology*

In India, the term "college" is commonly reserved for institutions that offer bachelor's degree. The first liberal arts and sciences college in India was C. M. S. College Kottayam, Kerala and the Presidency College, Kolkata was established in 1817.

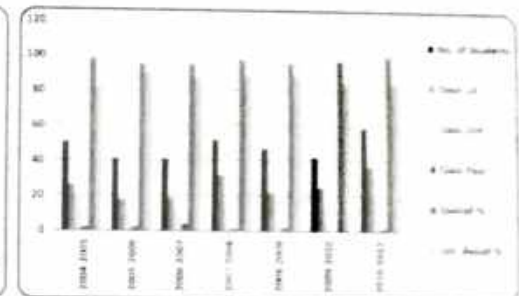
The CMS College was started by the Church Missionary Society, England, in 1817 when no institution existed in the then- state to teach English. The Rev. Benjamin Bailey was the first principal of The College. COTTYM, as it was then called and spelt. In 1857 the college was affiliated to Madras University soon after its incorporation and the college presented students for the Matriculation examination. The college provided free education to all the students until 1855 when the fee of 1 Rupee a month began to be collected from each student. The College is now affiliated to Mahatma Gandhi University. In 1999 the college was accredited by NAAC with five star status. Later in 2004 the UGC accorded the status of college with Potential for Excellence (CPE). The alumni of the college include Dr. K. R. Narayanan, former President of India; Mr.K. P. S. Menon, formulator of Indian foreign policy; Sardar K.M. Panikkar, former ambassador to China; Dr. E.C.G.Sudharshan, world famous physicist, Padma Bhushan Dr. Jacob Chandy, noted neurosurgeon, Justice K. T. Thomas, former Judge of the Supreme Court of India, Mr.Dommen Chandy, former Chief Minister of Kerala; dramatist, poet Kavalam Narayana Panikkar.

Presidency College or Hindu college was founded by Raja Ram Mohan Roy. Initially established as the Mahapathshala wing of Hindu College, it was renamed Presidency College, i.e. the college of the Bengal Presidency, in 1855. In 2010, under the Chief Minister ship of Buddhadeb Bhattacharya, a former student of the college, it was upgraded to the status of a full university by the Presidency University Act, 2010 passed in the West Bengal Legislative Assembly. It has amongst its students, some of the biggest names such as Netaji Subhas Chandra Bose. The first President of India, Dr. Rajendra Prasad, Somnath Chatterjee, Prafulla Chandra Ghosh, Siddhartha Shankar Ray, Jyoti Basu. In academics too, other than Amartya Sen, Sir Jagadish Chandra Bose, the pre-eminent vice chancellor of Calcutta University, Ashutosh Mukherjee, Sir Azizul Haque, the famous lawyer and intellectual, the doyen of Indian history, Sir Jadunath Sarkar, and India's first planner, Professor Prasanta Chandra Mahalanobis. Eminent journalists such as Avik Sarkar, M. J. Akbar and Pritish Nandy studied here.

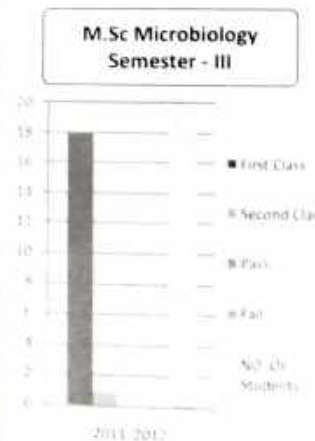
B. Sc. Microbiology
T. Y. B.Sc. Result (2004-2011)



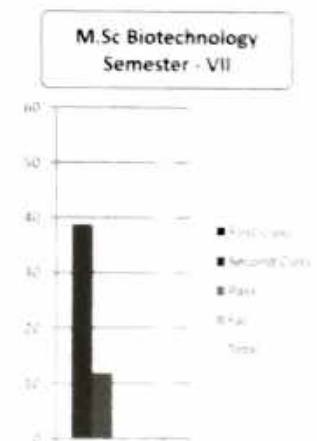
B. Sc. Computer Science
T. Y. B.Sc. Result (2004-2011)



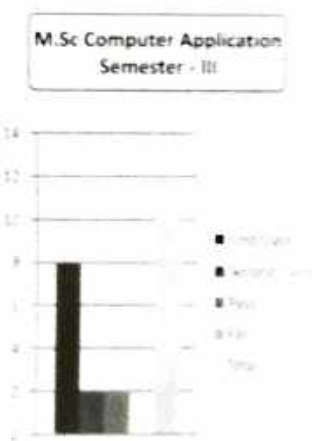
M.Sc Microbiology
Results



M.Sc Biotechnology
Results



M.Sc Computer
Application Results





**Devkiben & Vaikunthlal Parikh Endowment"
Scholarship Paid to Computer Science Students As per Resolution dated**

Sr. No.	Name of the Student	Class & Year	Marks Obtained	Rank	Distribution
1	Kher Sanjay A	T.B.Sc. 2011-12	231/1150	1	8900.00
2	Patel Rohit K	T.B.Sc. 2011-12	224/1150	2	5500.00
3	Bose Souvik K	T.B.Sc. 2011-12	223/1150	3	5500.00
4	Jainwala Dhyanesh K	T.B.Sc. 2011-12	215/1150	1	8900.00
5	Kuspur Veta P	T.B.Sc. 2011-12	215/1150	2	5500.00
6	Pandya Pratik H	T.B.Sc. 2011-12	215/1150	3	5500.00
7	Sanyal Anshu M	T.B.Sc. 2011-12	214/1150	1	8900.00
8	Vivedh Anshu	T.B.Sc. 2011-12	214/1150	2	5500.00
9	Dasari Anshu M	T.B.Sc. 2011-12	211/1150	3	5500.00
10	Lakshminarayana A	T.B.Sc. 2011-12	207/1150	1	8900.00
Total					65,500.00

"Shri Shantilal Ambelal Desai Prize" Scholarship Paid to B.Sc. Microbiology Students As per SES Resolution dated 24.07.2009

Sr. No.	Name of the Student	Class & Year	Marks Obtained	Rank	Distribution
1	Patel Naran Chandrajyambhai	T.B.Sc. 2011-12	279/1000	1	801.00

"Shri Shantilal Ambelal Desai Prize" Scholarship Paid to M.Sc. Biotechnology Students As per SES Resolution dated 24.07.2009

Sr. No.	Name of the Student	Class & Year	Marks Obtained	Rank	Distribution
1	Patel Tamanna Chandrajyambhai	T.B.Sc. 2011-12	149/1800	1	801.00

"Dr. R. H. Shah Prize" Scholarship Paid to B.Sc. Microbiology Student As per SES Resolution dated 20.05.2009

Sr. No.	Name of the Student	Class & Year	Marks Obtained	Rank	Distribution
1	Patel Tarak Chandrajyambhai	T.B.Sc. 2011-12	225/1000	1	651.00

"Dr. Manubhai D. Joshi Prize" Scholarship Paid to M.Sc. Microbiology Student As per SES Resolution dated 20.05.2009

Sr. No.	Name of the Student	Class & Year	Marks Obtained	Rank	Distribution
1	Jagan Lasha Rajeshbhai	M.Sc. Micro. 2011-12	223/1000	1	651.00



Gujarat Government

Sr. No.	Name of the Student	Class & Year	Cost	Distribution
1	Patel Brijesh Anandhar	B.Sc. Microbiology 2011-12	50	42000.00
2	Gamat Prayank Sparshdattabhai	B.Sc. Microbiology 2011-12	50	44000.00
3	Chandavala Jignish Manish	B.Sc. Microbiology 2011-12	50	43000.00
4	Ramani Hiral Anandhar	B.Sc. Microbiology 2011-12	50	43000.00
5	Mensya Vasthal Rajeshbhai	B.Sc. Microbiology 2011-12	50	42000.00
6	Patel Anil Kishor	B.Sc. Microbiology 2011-12	50	43000.00
7	Pravin Bhal Ashokkumar	B.Sc. Microbiology 2011-12	50	41000.00
8	Kesudhan Hemangini Ambelal	B.Sc. Microbiology 2011-12	50	40000.00
9	Patel Anjita Harshadbhai	B.Sc. Microbiology 2011-12	50	44000.00
10	Banshiya Prayank Vijaykumar	B.Sc. Microbiology 2011-12	50	43000.00
11	Naranyta Minod Kantilal	B.Sc. Microbiology 2011-12	50	43000.00
12	Dranekar Malikakumar Pradipbhai	M.Sc. Microbiology 2011-12	50	54000.00
Total				3,44,185.00

Microbiology Staff Scholarship for M.Sc. Microbiology Student

Sr. No.	Name of the Student	Class & Year	Percentage	Distribution
1	Patel Bina Sudharbhai	M.Sc. Microbiology 2011-12	61.40%	51,216.00

Student Fund Report

Sarvajanik Education Society

SHREE RAMKRISHNA INSTITUTE OF COMPUTER EDUCATION AND APPLIED SCIENCE
M.T.B. College Campus, Athwalines, Surat - 395 001

STUDENT FUND

Income & Expenditure Statement 01/04/2011 to 31/03/2012

NAME OF THE A/C & SUB A/C	INCOME Rs.	EXPENDITURE Rs.
INCOME		
Student Entrance Fee	1,15,400.00	
TOTAL INCOME	1,15,400.00	
EXPENDITURE		
Man. Exp.		800.00
Academic Function Expenses		14,000.00
Sport & Game Expenses		1,100.00
Academic Competition & Activity		8,700.00
Travel Expenses		2,500.00
Post Station		1,500.00
Printing & Stationery		1,500.00
TOTAL EXPENDITURE	1,16,400.00	21,560.00
SURPLUS	1,15,400.00	82,872.00
	1,15,400.00	1,16,400.00

Free ship for Students given by Shri Ramkrishna Charitable Trust

Sr. No.	Financer	Name of the Student	Class & Year	Distribution
1	Shri Ramkrishna Charitable Trust	Patel Riya Dineshbhai	S.Y.B Sc. Comp. Sci (2011-2012)	5000.00
		Dholakiya Komal Ghanshyambhai	FYB Sc. Micro (2011-2012)	10915.00
		Total.....		15915.00

Financial-aid to Students

Sr. No.	Financer	Name of the Student	Class & Year	Distribution
1	Mr. Jiju K. Sachinwala (I/c Secretary, SES)	Pathan Tamanna Yusufusman	M.Sc. Biotech (2011-12)	5,000.00
		Elchiwala Dhaval Manishkumar	M.Sc. Comp. App (2011-2012)	5,000.00
		Debnath Prasanjeet Parimal	M.Sc. Comp. App (2011-2012)	5,000.00
2	Dr. Pratibha Desai (Director, SRKI)	Pathan Tamanna Yusufusman	M.Sc. Biotech (2011-12)	10,000.00
		Elchiwala Dhaval Manishkumar	M.Sc. Comp. App (2011-2012)	5,000.00
		Debnath Prasanjeet Parimal	M.Sc. Comp. App (2011-2012)	5,000.00
3	Mrs. Kinjan Chauhan (Asst. Prof., SRKI)	Debnath Prasanjeet Parimal	M.Sc. Comp. App (2011-2012)	3,000.00
4	Mrs. Priti Patel (Asst. Prof., SRKI)	Debnath Prasanjeet Parimal	M.Sc. Comp. App (2011-2012)	2,500.00
5	Mrs. Charmy Patel (Asst. Prof., SRKI)	Debnath Prasanjeet Parimal	M.Sc. Comp. App (2011-2012)	2,500.00
		Total.....		43000.00



Ahiya Avantika
First Rank



Hathiwala Vaishnavi
Second Rank



Khadela Bhumika
First Rank



Naik Ripal
Second Rank



Khan Salman
First Rank



Patel Rinal
Second Rank



Patel Brijal
First Rank



Arora Sipra
Second Rank



Nandwala Krishna
First Rank



Dabhoya Ashwin
Second Rank



Jariwala Dhutima
First Rank



Gopiani Ekta
Second Rank



Patel Brijal
First Rank



Arora Sipra
Second Rank



Patel Nirali
First Rank



Lakhani Rinal
Second Rank



Sayeed Jigri Mumtazali
First Rank



Vinod Louis
Second Rank



Shirsath Kavita
First Rank



Pathan Tamana
Second Rank



Naik Nikita
First Rank



Patel Mital
Second Rank



Jariwala Hetal
First Rank



Vidya Dhara
Second Rank



Jagani Disha
First Rank



Kanani Shruti
Second Rank



Seth Sonali
First Rank



Naik Nikita
Second Rank



Jariwala Hetal
First Rank



Patel Hetal
Second Rank



ਸਰਕਾਰੀ ਸਕੂਲ

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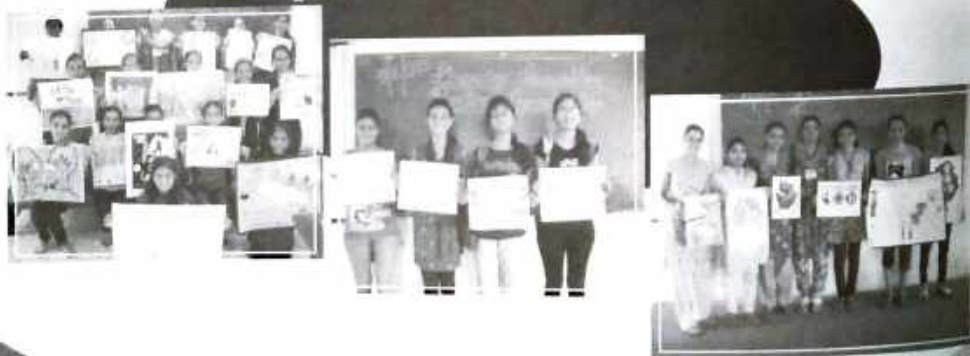
**PEACE, HARMONY
PROGRESS**



... પાર્થ પી. ભટ્ટ
વિદ્યાર્થી
B.Sc. Biotechnology

Peace.....
Peace.....
Peace.....
Lets come under the roof of One World
Lets try to awake the people who are in deep
darkness
Lets bridge the harmony of each heart
And
Create one beautiful, peaceful, soulful
atmosphere
And
Give it to our mother Earth.
We, the children of the Earth, take pledge that
Our progress will be a peaceful progress;
We will try to make harmony of people with
goodwill;
We will build the new world where
All people will be our soulmates.
"દ્રષ્ટિ સદા કરતી સહુની: શુ કહે ગુજરાત ?
અનોખો કચારે ઘડાશે ઘાટ... અદીરે જગત જુએ છે વાટ."

**Drawing Competition under
Saptadhara Celebration- 2011**



DRAWING COMPETITION

A drawing competition was organized at 4:00 am on 5/08/2011 under Saptadhara celebration 2011. The competition was held in seminar hall of the institute. Total 44 students of first year, second and third year B.Sc. had taken part in this competition. Jayesh Pushtiwala, Dr. Lalita Chaudhari and Dr. Ratana Trivedi from the institute were invited to judge the competition. Different topics like avoid child labour, environmental protection and prohibition of addiction were given to the participants. The participants were very efficient and enthusiastic for the competition. The final result were as follow

No.	Name of the Students	Class	Rank
1	Patel Sweta	FYMB	FIRST
2	Patel Jinal	SYBT	SECOND
3	Chaudhari Hemangini	SYBT	THIRD
4	Kalthiya Juli	FYBT	THIRD
5	Avaiya Bhavini	SYMB	APPRECIATION

At the end of the competition the judges had given their valuable remarks to the participants based on their colour selection and concepts of the topic. Finally Ms. Binita Desai had announce the prizes

POSTER MAKING COMPETITION

A drawing competition was organized at 4:00 am on 5/08/2011 under Saptadhara celebration 2011. The competition was held in seminar hall of the institute. Total 4 students of second and third year B.Sc. had taken part in this competition. Jayesh Pushtiwala, Dr. Lalita Chaudhari and Dr. Ratana Trivedi from the institute were invited to judge the competition. Different topics like avoid child labour, environmental protection and prohibition of addiction were given to the participants. The participants were very efficient and enthusiastic for the competition. The final result were as follow

No.	Name of the Students	Class	Rank
1	Hathiwala Vaishnavi	SYBT	FIRST
2	Shah Nidhi	SYMB	SECOND

At the end of the competition the judges had given their valuable remarks to the participants based on their colour selection and concepts of the topic. Finally Ms. Binita Desai had announce the prizes. List of participants is attached here with

ELOCUTION COMPETITION

An elocution competition was organized at 10:00 am on 30.7.2011 under Saptadhara celebration 2011. The competition was held in the seminar hall of the institute. Total 14 students of first year, second and third year B.Sc. had taken part in this competition. Dr. Prof. Swati Mehta and Ms. Smruti Desai from Sir K. P. College of commerce were invited to judge the competition

The competition was started at 10:00. The director had welcomed our respected judges with a bouquet of flowers and Mr. Sanjay Parekh had given welcome speech. Different topics were given to the participants of first year, second year and third year. The student had given their talk very effectively in English and Gujarati languages. Judges had announced the final result as per below.

No.	Name of the Students	Class	Rank
1	Thesiya Sandipa	TYBT	FIRST
2	Marathi Monika	FYBT	SECOND
3	Gandhi Ankita	SYBT	THIRD

At the end of the competition the judges had given their valuable remarks to the participants based upon their observations and finally Mr. Shripal Shah had given vote of thanks

BEST FROM WASTE COMPETITION

With a view to provide a platform for overall development of our students, various activities are conducted time to time in our institute. With the same motive, Best from Waste competition under "SWARNIM GUJARAT SAPTADHARA" was organized on 30th July 2011 (Saturday). There were 35 participants from various classes & semesters, who took part enthusiastically. Students made beautiful & useful innovative creative articles like pen-stands, decorative show pieces, wind chimes & many more from different waste material like saw dust, coconut shells, shells of pista & walnut, useless pen, bottles, plastics, papers & chocolate wrappers, match sticks, broom sticks, ice-cream sticks & caps etc. The articles were displayed in Library.

There work was judged by Mrs. Aika Mehta, Principal, Khandwala School & Mrs. Devyani Desai, Ex- Principal, Wadia Women's College, Surat. Judges appreciated our students' hard work, efforts & creative minds. They took note of participation in large number, even in this era, where computers & electronic gadgets are the close friends of youngsters.

No.	Name of the Students	Class
1	Modi Sneha	Second Year (Sem III) Biotechnology
2	Dabhi Premila	Second Year Computer Science
3	Patel Brijal	Third Year (Semester-V) Biotechnology
4	Sojitra Priyanka (Consolation Prize)	Second Year (Sem III) Biotechnology

These students will be sent for Inter College Saptadhara Best from Waste Competition to be held at J. Z. Shah Arts & H. P. Desai Commerce College, Amroli, on 28th August 2011.

Activity Incharge: 1) Miss Nehal D. Shah 2) Miss Datasha Kanthariya

ESSAY WRITING COMPETITION

An elocution competition was organized at 14:00 pm on 30th 7 2011 under Saptadhara celebration 2011. The competition was held in the seminar hall of the institute. Total 39 students of first year second and third year B.Sc. had taken part in this competition. Dr (Prof.) Chaitrya Desai and Ms. Pragya Vasthi invited to judge the competition.

The competition was started at 14:00, seven topics were given to the participants. Viz: (1) Religion, non religion and religion at the time of crisis; (2) Benefits of love; (3) India of our dream; (4) Uneducated society; 'Democracy'; (5) A cheerful Teacher; (6) Life is not a burdenism but a festival; (7) Classroom and Cinematia. The student had given 1 hr for essay writing with language options in English, Gujarati and Hindi languages. Judges had announced the final result as per below:

No.	Name of the Students	Class	Rank
1	Maniya Roshni V	TYBT	First
2	Singh Priyanka	TYBT	
3	Desai Manish	TYBT	Second
4	Patel Shreya	FKBT	

Activity Incharge: Dr. Ratna Trivedi

The college believes in all round development of personality of the students as goal of education. It aims to provide rich cultural experiences so that the student appreciates the multi cultural diversity of the society.

The cultural committee is constituted in the beginning of each academic year. It comprises of a coordinator, staff members and student representative.

Committee for year 2011-12

Co-ordinator : Dr. Chaulami Desai
Staff members : Mrs. Kinjan Chauhan
Dr. Toral desai
Dr. Meghna Adhvaryu
Mrs. Manisha shah
Ms. Amisha Malavia
Mr. Hardik Adhvaryu



Student Representative : Ghadhiya Brijesh.

The list of activities organized/ participated

Navratri celebration : Navratri represents celebration of Goddess Durga, the manifestation of Deity in form of Shakti [Energy or Power] and on the occasion of centennial celebration of Sarvajani Education society, we organized Maha arti programme and navratri garba on 1st October. We were honoured to have Shri R. G. Shah, chairman of Sarvajani Education Society, Prof. K.R. Desai chairman of RKI and Shri Ureshbhai Naik as guests in this programme. All the staff members and students took part enthusiastically and enjoyed their morning.

Navdurga ni Aradhna: "Navdurga ni Aradhna" was the first Centennial celebration event of Sarvajani Education Society on 1st october. Students performed raas on this occasion.

Innagation function of Centennial celebration of SES: Shri Narendra Modi chief Minister, Gujarat inaugurated the Centennial celebration event of Sarvajani Education Society on 11th october. Fusion garba was performed as a one of cultural items by our students during this programme.

Annual Day celebration & Prize Distribution function: On 30th December we organized college annual day celebration & prize distribution function. We were honoured to have Mr. R.G. Shah chairman, Sarvajani Education Society as the President of occasion and Mr. Tulsibhai Dholakia as chief guest and Mr. Ghanshyambhai Rangolia as guest of honour for this function. After the felicitation of the President and Guests, the function started with prize distribution ceremony. With the completion of the above event, students performed various cultural items like garba, dance, drama etc.

Dr. Chaulami N. Desai
Co-ordinator
Cultural committee

I am happy to share and submit the activities of Research committee whose formal functioning started in 2009. In the first year of its inception, research day was celebrated as well as guest lectures by Dr. Sivaprasad and Dr. C.N. Desai from BRIT were organized as a part of Dashabdi celebration of the institute in 2010. On 4th April, 2011, we organized our first state level workshop on 'Research Methodology', where five eminent speakers shared their knowledge of various aspects of research with the delegates

In this year, on the occasion of **centennial celebration of Sarvajani Education Society, we have organized National Conference on 'Advanced Trends in Applied Sciences and Technology'** on 27th & 28th January, 2012. The conference included oral and poster presentation of papers based on twelve themes : (1) Microbial & Medical Science (2) Plant Science & Plant Biotechnology (3) Mathematical Science (4) Animal Science & Animal Biotechnology (5) Biochemical Science & Bioprocess Technology (6) Marine & Aquatic Science (7) Environment Science & Engineering (8) Chemical Science & Technology (9) Social Science (10) Computer Science & Bioinformatics, Cheminformatics (11) Applied Physics & Material Sciences (12) ICT in Education.

In the course of two days, 241 participants from various cities shared their knowledge on various disciplines of science and technology. There were seven different technical sessions, which started with an invited talk by the subject experts. The addresses by all the expert scientists were really inspiring for the delegates. 74 oral presentations were given in these sessions, 36 research and non-research posters were also presented. Best posters were awarded. Ninety Nine selected papers have been published in the proceeding with ISBN No. 978-81-923514-07.

At present, four research projects are in progress, funded by ICAR-CSSRI, Gujarat Forest Department and two by GUJCOST. In this term, under guidance of Dr. Pratibha Desai, two students, Ms. Nita Naik and Ms. Smita Rajani have been awarded with Ph. D degree and Ms. Megha Desai with M.Phil degree. Ms. Sumiya Shaikh, has also been awarded with M.Phil degree under guidance of Dr. Ratna Trivedi. Presently six students are reading for their Ph.D and four for their M.Phil, under guidance of our faculty members. One of our faculty member Mr. Darshan Marjadi has been awarded with Ph.D degree.

During this academic year, many faculty members have attended and presented papers at international and national conferences, seminars, workshop and training programmes. Ms. Manisha Shah of microbiology department was awarded first prize for her presentation at 1st International Science Congress on 24th-25th December, 2011 held at Maharaja Ranjit Singh College of Professional Sciences, Indore, MP.

Dr. Lalita Choudhary
Co-ordinator,
Research Committee



The formal planning of the events to be conducted throughout the academic year 2011-12 was done before the beginning of the term. This included the planning of various curricular and co-curricular activities, internal examination schedule and time table. This year, with the introduction of choice base credit system at the undergraduate level, various Saptdhara activities were also planned. The academic planner was displayed on the notice board, given to all the departments and to the students in their diary so that proper planning can be done by everyone to organize the events as per the planned schedule. The various activities carried out in this academic year are summarized below:

Name of Activity	Date
Orientation programme for FY CS, MB and BT	4.7.2011
Library orientation programme for FY CS, FY BT, FY MB, SY MB	11.7.2011- 14.7.2011
Saptdhara elocution, handicraft, Gujarat quiz, best out of waste, story writing, poetry writing, essay competition	30.7.2011
Saptdhara interclass competition on spot drawing, interclass poster making competition	5.8.2011
Seminar on Promotion of Breastfeeding	5.8.2011
65th Independence day	15.8.2011
Saptdhara Book exhibition	18.8.2011
Health checkup for FY MB, BT, CS student	25.8.2011
Seminar on Blood donation and its advantages	26.8.2011
Blood Donation Camp	27.8.2011
Saptdhara Dance competition, light vocal and folk song competition, interclass drama, mime, monoacting and skit competition	5.9.2011
First internal examination	19.9.2011- 27.9.2011
Navratri and MahaArti celebration	1.10.2011
Social service day	4.10.2011
Student election	5.10.2011
Annual day, Prize distribution	30.12.2011
Suit and Saree day	31.12.2011
Republic day celebration	26.1.2012
National Conference	27.1.2012- 28.1.2012
Second internal examination	13.2.2012- 22.2.2012

Co-ordinator : **Dr. Lalita Choudhary**
Members : **Ms. Anjana Ghelani, Ms. Binita Desai.**

A visit for the students of M.Sc. (Microbiology) Sem -III was organized to department of life sciences, Bhavanagar University and excel crop care Ltd, Bhavanagar on 16th & 17th August, 2011. Three faculty members were participated in a tour. During the visit of life science department, our students got opportunity to learn and understand principle and operation of GC-MS, Atomic absorption spectrometer, DGGE, Nano spectrometer, HPLC etc. Excel crop care limited is one of the leading pesticide and biopesticide manufacturing company. Students understood operation of various departments like preparation of compost and biopesticide, ETP, Soil health laboratory. The senior member of the company gave a lecture on IPR.

An educational tour for the Students of T.Y.B.Sc (Microbiology) had organized to Central salt and marine chemicals research institute (CSMCRI), Bhavnagar on 29th Sept, 2011. Four staff members and thirty-seven students have participated in this tour. During this visit, students got opportunity to learn various aspects of water purification and desalination. CSMCRI has developed different techniques and got patent over it. CSMCRI has developed various commercial products from marine microorganisms and students got opportunity to see their finished product.

A field visit to a wetland ecosystem and bird watching programme at gavier lake, surat was organized on 10th and 11 January, 2012 for the students of F.Y.B.Sc. (Microbiology and Biotechnology) in association with nature club, Surat(NSC). On the day of visit and we have encountered huge biodiversity in terms of plants, insects and birds. Dr. Jigna Desai, Dr. Shiva Chettiar, Ms. Nehal Shah along with Mr. Viral Prajapati and Mr. Mukesh Bhatt(Member of NSC) guided students about the wetland and various species of birds.

An industrial visit was organized at west coast frozen food Pvt. Ltd., Orma, Olpad, Surat on 21st January, 2012 for M.Sc.(Biotechnology) Sem-VIII. Students with a view to provide practical exposure regarding prawn-processing unit, as a part of aquaculture technology. This trip gave a real experience of how theoretical concepts of aquaculture are practically executed at industrial level.

Mr. Sanjay Parekh
Co-ordinator,
Educational Tour Committee



D. V. Shetty



**Geetha
Caterers**

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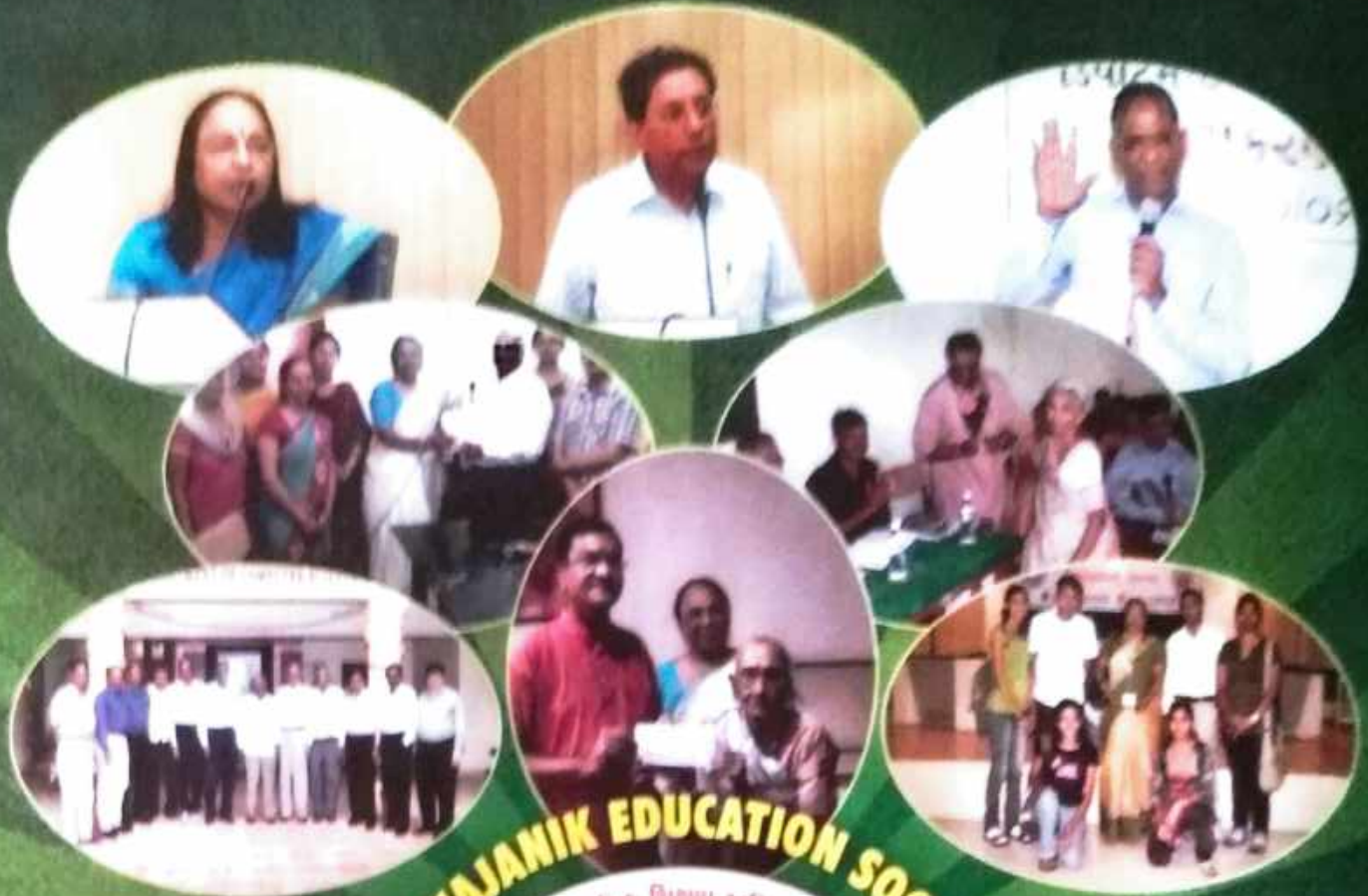
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SARVAJANIK EDUCATION SOCIETY



Centennial Celebration

