



06/02/2021

**MINUTES OF THE MEETING
FIFTH BOARD OF STUDIES**

DATE: 06-02-2021, AT 10.00 AM

VENUE: Online Mode using Microsoft Team in CSE Department

The 5th meeting of Board of Studies (BoS) of Undergraduate Programme, B.Tech., at Department of Computer Science and Engineering, ADCET, Ashta was held on 06-02-2020, at 10.00 AM in the CSE Department in online mode using Microsoft Teams Platform.

Dr. Smriti H. Bhandari, HOD CSE chaired the Meeting.

The following is the list of BoS Members:

Sr. No.	Name	Position
1.	Dr. S. H. Bhandari, Head and Chairman BoS, Department of Computer Science and Engineering, ADCET, Ashta, Sangli	Chairman
2.	Dr. S. J. Wagh, Head and Professor, Department of Information Technology, Government College of Engineering, Karad	Member
3.	Dr. Annappa, Professor, National Institute of Technology, Suratkal, Karnataka.	Member
4.	Dr. Vahida Zakirhusen Attar, Associate Professor, College of Engineering, Pune	Member
5.	Dr. Yashodhara V. Haribhakta Associate Professor, College of Engineering, Pune	Member
6.	Dr. Modi Chirag Navinchandra Assistant Professor, National Institute of Technology, Goa.	Member
7.	Mr. Sudhakar Shenoy, Technical Head, Proxima Biz, Pune.	Member
8.	Mr. Rohit Chavan, Principle Consultant, Oracle Financial SS Ltd, Pune	Member
9.	Mr. Nakul Agrawal, Team Lead, Tata Consultancy Services, Pune	Member
10.	Mr. A. R. Pradnyavant, Assistant Professor, Department of Computer Science	Member-Secretary



Sr. No.	Name	Position
	and Engineering, ADCET, Ashta	
11.	Dr. Suhas Gajanan Sapate, Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
12.	Mrs. A. N. Mulla, Associate Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
13.	Mr. S. G. Sutar, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
14.	Mr. S. P. Patil, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
15.	Mr. A. S. Dange, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
16.	Mr. V. A. Kamble, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
17.	Mr. S. D. Khatawkar, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
18.	Mr. S. S. Sayyad, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
19.	Mr. R. M. Kamble, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
20.	Mrs. A. S. Patil, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
21.	Mr. V. D. Chougule, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
22.	Mr. P. B. More, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
23.	Mr. T. S. Ruprah, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
24.	Mr. Y. S. Lubal, Assistant Professor, Department of Computer Science	Member



Sr. No.	Name	Position
	and Engineering, ADCET, Ashta	
25.	Mr. D. R. Patil, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
26.	Ms. Amruta Dange, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member

Dr. S. J. Wagh, Dr. Annappa, Dr. V. Z. Attar, Dr. Y. V. Haribhakta, Dr. C. N. Modi, Mr. Sudhakar Shenoy, Mr. Rohit Chavan, Mr. Nakul Agrawal attended the meeting.

The Chairman extended a warm welcome to all the members in the meeting introduced all the members of BoS at the beginning of the proceedings of Board of Studies (BoS).

Dr. Suhas Sapate presented vote of thanks to end up the meeting.



Agenda of the meeting and resolutions are as follows:

Agenda Item No.1: To confirm the minutes of meeting of BoS held on 21/12/2019

Resolution – Confirmed.

Agenda Item No.2: To communicate the action taken on the decisions of its fourth meeting held on 21/12/2019

The chairman presented the summary of action taken on the suggestions of BoS in the last meeting (Annexure I). Members appreciated the action taken.

The chairman presented the approved curriculum structure of T. Y. B. Tech. The chairman discussed minor changes in structure as follows, the PE IV Course Advanced Data Structures is added under PE III at the place of soft computing. A new course Augmented Reality and Virtual Reality (AR-VR) is added under PE IV.

Agenda Item No.3: To discuss and approve curriculum contents of Third Year B. Tech. (Revision 1)

The chairman Dr. S. H. Bhandari and respective course coordinators presented the course curriculum of Third Year B. Tech. to all BoS Members. The suggestions given by the BoS members are listed as given below.

A. Discussion about Open Electives

1) Course: Database Essentials and Business Intelligence

- a) Dr. Annappa suggested to demonstrate the tools while teaching this course.
- b) Dr. Attar suggested to discuss and demonstrate mini-project / B.Tech. project of CSE students as a part of case studies to the enrolled students.

2) Course: Software Engineering and Project Management

- a) Dr. Annappa suggested to include case studies in the course. He also suggested to maintain the flow of all phases of Software Engineering and Project Management in the case study.

3) Course: Data Structures and Algorithms

Dr. Annappa suggested to add 2 hours lab session in the course.

Dr. Haribhakta suggested to introduce tutorials or assignments to the course.

Dr. Attar suggested to reduce some contents and make it simple. She suggested that Graph and Trees can be removed and she also mentioned to add prerequisites to the course.



As the Open Elective course structure to be followed is 3-0-0, decision to be taken at department level about the conduct of laboratory experience.

B. Course: System Programming and Compilers

Dr. Haribhakta suggested to revise the contents of Unit 5 and 6. Also mentioned to reduce the contents of unit 6 and give more focus on code generation and code optimization.

Dr. Annappa suggested to give more focus on compiler construction (7 to 8 hours) and allocate 4 to 5 hours to unit 5 and 6.

Dr. Attar suggested to revise the contents of unit 3 and 4.

C. Course: Design and Analysis of Algorithms

Dr. Haribhakta suggested to include brief introduction to computational complexity.

Dr. Annappa suggested to allocate 2 hours for computational complexity in first unit. Identify NPTEL/MOOC courses and provide the links for the same in curriculum.

Dr. Attar suggested to give more weightages to NP concepts.

D. Course: Internet of Things

Dr. Attar suggested to include the prerequisites like Data Communication, Computer Network etc.

Dr. Wagh suggested to include mini-project for the course.

E. Course: Storage Networks

Dr. Annappa suggested to invite experts for special lectures.

F. Course: Ad Hoc Networks

Dr. Wagh appreciated that the flow of the contents of the course is good. He suggested to include the contents on "Vehicular ad hoc networks" in the course.

G. Course: Cyber Security

Dr. Chirag Modi suggested to include Critical Information Infrastructure security, case studies, Smart Grid, Micro Grid. Also mentioned to include various tools for cyber security during the tutorial sessions.

Dr. Wagh suggested to change the name of unit 5 from "cyber forensics" to "digital forensic".

Dr. Attar suggested to arrange expert lectures to cover 10-20% curriculum. Also demonstrate the vulnerability skills at the time of lecture.

H. Course: Design and Analysis of Algorithms Laboratory



Dr. Attar suggested to give comparison of algorithms.

Dr. Annappa suggested to give set of problem statements and let students decide which algorithm is to be used to solve the given problem.

I. Course: Web Programming

Mr. Rohit Chavan suggested to include latest frameworks such as Spring, Struts, Java full stack etc. in the course.

J. Course: Advanced Programming

Dr. Annappa suggested to give small applications for development as a part of assignments to all the students.

K. Course: Computer Graphics and Multimedia Techniques

Curriculum is discussed and approved without any change.

L. Course: Unix and Shell Programming

Curriculum is discussed and approved without any change.

M. Course: Mini Project

Dr. S. H. Bhandari told about mini-project exhibition organized in the department and the practice of peer review. Dr. Annappa appreciated the mini-project practice in the department.

N. Course: Internship/ Intra institute/ Inter institute activities

Curriculum is discussed and approved without any change.

O. Course: Technical Writing

Dr. Annappa mentioned that this course is the need of hour in curriculum. Also suggested to include an assignment on how to write project report.

Mr. Rohit appreciated initiative towards Technical Writing course and mentioned that it is an important step towards incubation center.

P. Discussion about Open Electives

1) Course: Internet of Things

Curriculum is discussed and approved without any change.

2) Course: Cyber Laws and Ethical Hacking

Curriculum is discussed and approved without any change.



Q. Course: Entrepreneurship Development and Planning

Dr. Annappa suggested to include Government schemes like startup India, etc.

R. Course: Advanced Database System

Curriculum is discussed and approved without any change.

S. Course: Machine Learning

Dr. Annappa and Dr. Haribhakt appreciated the efforts of department towards frequent changes of the ML curriculum.

T. Course: Software Testing and Quality Assurance

Dr. Annappa appreciated the efforts taken by faculty while make changes in the curriculum. Also suggested to include few tools related with Testing.

U. Course: Real Time System

Dr. Annappa mentioned that important points are covered in the course curriculum. Also mentioned to give demonstrations for few of the points for better understanding.

V. Course: Advanced Data Structures

Curriculum is discussed and approved without any change.

W. Course: Augmented Reality and Virtual Reality

Dr. Annappa suggested to include Extended Reality in the course curriculum.

X. Course: Digital Image Processing

Curriculum is discussed and approved without any change.

Y. Course: Open Source Technology

Dr. Annappa suggested to include Scilab in the course curriculum. Also mentioned to use Open Source forum of IIT Bombay. Encourage students to join the Open Source Software Development forums.

Z. Course: Advanced Database System Laboratory

Dr. Annappa suggested to give set of problem statements and let students decide the approach to be used to solve the given problem statement.

AA. Course: Object Oriented Modeling and Design

Curriculum is discussed and approved without any change.



BB. Course: Internship/ Intra institute/ Inter institute activities

Curriculum is discussed and approved without any change.

CC. Course: Constitution of India

Dr. S. H. Bhandari mentioned that this course curriculum is designed as per AICTE norms.

Resolution:-

After undergoing the changes revised Third Year B. Tech. (CSE) Curriculum will be sent to BoS for approval.

Agenda Item No. 4: To discuss and finalize MOOC courses of Final Year B. Tech. (SEM VIII). (Revision 0)

The chairman Dr. S. H. Bhandari presented the MOOC course of PE V and PE VI of Final Year B. Tech. to all BoS Members.

The following MOOC courses are listed under Professional Elective V.

Sr. No.	Course Title	Platform	Duration/ Enrollment	Offered By
1	Blockchain Architecture Design And Use Cases	NPTEL	12 Weeks	Prof. Sandip Chakraborty, IIT Kharagpur Dr. Praveen Jayachandran, IBM
2	Introduction to Kubernetes	Edx	14 Weeks	Chris Pokorni, Instructor, NQB8 Cloud Tech Consulting Neependra Khare, Founder and Principal Consultant, CloudYuga Technologies
3	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks	Prof. Sudip Misra, IIT Kharagpur

The following MOOC courses are listed under Professional Elective VI.

Sr. No.	Course Title	Platform	Duration/ Enrollment	Offered By
1	Artificial Intelligence: Knowledge Representation and Reasoning	NPTEL	12 Weeks	Prof. Deepak Khemani, IIT Madras
2	Reinforcement Learning	NPTEL	12 Weeks	Prof. Balaraman Ravindran,



				IIT, Madras
3	Natural Language Processing with Classification and Vector Spaces	Coursera	4 Weeks- 24 Hours including assignments	Deeplearning.ai
	Natural Language Processing with Probabilistic Models		4 Weeks- 24 Hours including assignments	

Dr. Annappa mentioned to inform students regarding importance of these courses. Dr. Bhandari explained that these course contents are according to the available Coursera / NPTEL courses. Curriculum is discussed and approved without any change.

Resolution:-

The list of MOOC courses of Final Year B. Tech. (CSE) Curriculum will be sent to BoS for further approval and endorsement.

Agenda Item No. 5: To discuss about introducing Honors and Minor Programmes in CSE

The chairman Dr. S. H. Bhandari presented the proposed Honors and Minor Engineering courses to all BoS Members.

The following courses are listed under Honors Engineering.

Semester	AI & ML	Cloud Architect
V	Data Science (3) + Project (2)	Google Cloud Platform Fundamentals: Core Infrastructure (3) + Project (2)
VI	Data Visualization (3) + Project (2)	Google Cloud Platform Fundamentals: Foundation (3) + Project (2)
VII	Deep Learning (3) + Project (2)	Google Cloud Platform Fundamentals: Core Services (3) + Project (2)
VIII	Natural Language Processing (3) + Project (2)	Google Cloud Platform Fundamentals: Scaling and Automation (3) + Project (2)



The following courses are listed under Minor Engineering.

Semester	Machine Learning	Computer Science Essentials
V	ML Basics, Regression and Feature Engineering (3) + Project (2)	Data Structures (3) + Project (2)
VI	Classification Techniques (3) + Project (2)	OOP using Java (3) + Project (2)
VII	Clustering and Recommender Systems (3) + Project (2)	Python Programming (3) + Project (2)
VIII	Deep Learning (3) + Project (2)	LAMP (3) + Project (2)

Dr. Annappa mentioned to have minimum eligibility criteria in terms of his/her CGPA while offering these courses to students.

Mr. Nakul mentioned to widen the scope of Data Science in Minor engineering.

Agenda Item No. 6: To discuss and approve mode of assessment of Third Year B. Tech courses

The mode of assessment are discussed and approved.

Resolution:-

T.Y B. Tech. mode of assessment are discussed and approved.

Agenda Item No. 7: To note the student's performance and placement records for Academic year 2019-20

Discussed result analysis of 2019-20 SEM I and II. Overall result is appreciated by BoS Members. All members discussed placement of AY 2019-20 which was around 85% (33 out of 39).

Dr. Suhas Sapate explained the department's efforts towards internship and placement of CSE students and told the plan of action towards improving the internship and placement.

All the BoS members appreciated the efforts taken by department to improve the student performance and student placement.

Resolution:-

It is decided to keep the consistent efforts towards internships and placements so as all the students will have the opportunities.


- 'A' Grade Institute Accredited by NAAC
- NBA Accredited Courses
- ISO 9001:2008 Certified Institute

DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING




Sant Dnyaneshwar Shikshan Sanstha's
**ANNASAHEB DANGE COLLEGE OF
ENGINEERING AND TECHNOLOGY, ASHTA**
An Autonomous Institute

Agenda Item No. 8: Any other item with the permission of the chair
No special discussion was carried out.


Member Secretary
Board of Studies (BoS)




Chairman
Board of Studies (BoS)