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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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ANNASAHEB DANGE COLLEGE OF ENGINEERING AND TECHNOLOGY, ASHTA
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Estd 1999

16/10/2021

MINUTES OF THE MEETING
SIXTH BOARD OF STUDIES

DATE: 16-10-2021, AT 11.00 AM

VENUE: Online Mode using Microsoft Team in CSE Department

The 6th meeting of Board of Studies (BoS) of Undergraduate Programme, B.Tech., at **Department of Computer Science and Engineering, ADCET, Ashta** was held on 16-10-2021, at 11.00 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 Chairperson BoS, Department of Computer Science and Engineering, ADCET, Ashta, Sangli	Chairperson
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. Rohit Chavan** Principle Consultant, Oracle Financial SS Ltd, Pune	Member
8.	**Mr. Nakul Agrawal** Team Lead, Tata Consultancy Services, Pune	Member
9.	**Mrs. A. N. Mulla** Associate Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member-Secretary

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Sr. No.	Name	Position
10.	**Dr. Suhas Gajanan Sapate** Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
11.	**Mr. S. G. Sutar** Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
12.	**Mr. S. P. Patil** Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
13.	**Mr. A. S. Dange** Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
14.	**Mr. V. A. Kamble** Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
15.	**Mr. S. D. Khatawkar** Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
16.	**Mr. S. S. Sayyad** Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
17.	**Mr. A. R. Pradnyavant** Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
18.	**Mr. R. M. Kamble** Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
19.	**Mr. S. V. Patil** 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. P. B. More** Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
22.	**Mr. Y. S. Lubal** Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
23.	**Mr. D. R. Patil** Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member

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Sr. No.	Name	Position
24.	**Mrs. S. S. Solapure** Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
25.	**Mrs. P. S. Patil** Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member

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

The Chairperson extended a warm welcome to all the members in the meeting and 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.

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Agenda of the meeting and resolutions are as follows:

Agenda Item No.1: To confirm the minutes of meeting of BoS held on 06/02/2021

Resolution – Confirmed.

Agenda Item No.2: To place before the BoS the report about the action taken on the decisions of its meeting held on 06/02/2021

The chairperson presented the summary of action taken on the suggestions of BoS in the last meeting. Members appreciated the action taken.

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

The chairperson presented the approved curriculum structure of Final year B. Tech. The chairperson Dr. Smriti H. Bhandari discussed minor changes in structure as follows, the Course Deep Learning is added under Professional Elective V at the place of soft computing. One more course Big Data Analytics added at the place of Network Administration.

The chairperson and respective course coordinators presented the course curriculum of Final Year B. Tech. to all BoS Members. The suggestions given by the BoS members are listed as given below.

A. Discussion about Open Elective III
   1) Course: Computer Vision
   Dr. Modi suggested adding fundamentals of Computer Vision to the curriculum. He also suggested to separate out the contents as Unit 1-4 can be of Image Processing and Unit 5-6 can be of Computer Vision.
   Dr. Modi and Dr. Annappa suggested that 1-2 small mini-projects can be provided along with some practical assignments to students. Dr. Attar suggested to make the contents lighter. It was suggested to change the title as "Introduction to Image Processing and Computer Vision".

   2) Course: Machine Learning
   Dr. Wagh suggested to introduce some more content of statistical methods in the course. Unit 6 - Clustering should be taken earlier. Probability and Statistics would be a separate Unit.
   Dr. Modi and Dr. Annappa suggested that it would be better to give the title as "Introduction to Machine Learning" to the course.

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B. Course: Project Management

Dr. Wagh suggested that standards used in industry (ISO) should be included in the curriculum. Also suggested to add project management tools. Faculty should cover in the theory sessions the tools used in IT industries such as CMI.

C. Course: Information and Network Security

Dr. Modi suggested that Mathematical Foundation of cryptography should be covered in Unit 1. Accordingly contents of units should be rearranged.

Dr. Modi suggested to change the title to "Cryptography and Network Security" and also asked to re-arrange the content as per network layers. Dr. Sanjeev Wagh agreed with Dr. Modi and suggested to add case study

D. Course: Distributed and Cloud Computing

Dr. Annappa suggested to remove virtualization and threads from Unit 2 as there is much content in that unit and increase number of hours. He also suggested to include elastic load balancing in theory course as it is mentioned in lab experiment.

E. Course: Professional Elective V- Deep Learning

Dr. Attar gave opinion that some content of Unit 4 are already covered in Machine Learning; and hence can be removed.

F. Course: Professional Elective V- Big Data Analytics

Dr. Annappa suggested to include real life case studies.

Mr. Rohit suggested to include Introduction to Spark –tools used for efficient and scalable data processing for big data analytics.

G. Course: Professional Elective V- High Performance Computing

Dr. Smriti Bhandari suggested to put detailing of the unit-wise contents and also in experiments. Dr. Annappa also had the same opinion.

H. Course: Information and Network Security Laboratory

Dr. Modi suggested to modify few experiments (10th onward) as to Demonstrate Network Security using tools such as Scapy and also suggested to add few tools those are missing.

I. Course: Distributed and Cloud Computing Laboratory

Dr. Annappa suggested to add an experiment related to load balancing in the list.

J. Course: Professional Elective V- Deep Learning Laboratory

Dr. Attar suggested to add micro-projects.

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K. Course: Professional Elective V- Big Data Analytics Laboratory
Curriculum is discussed and approved without any change.

L. Course: Professional Elective V- High Performance Computing Laboratory
Experiments should cover all the standard platforms.

M. Course: Project Phase I
Curriculum is discussed and approved without any change.

N. Course: Professional Elective- VI
Curriculum is discussed and approved without any change.

O. Course: Internship / Project Phase II
Curriculum is discussed and approved without any change.

P. Course: Socio Outreach
Curriculum is discussed and approved without any change.

Proposal to add two new courses which are missing in the curriculum of Revision I-
1. Advanced Web Programming
2. Design Thinking

Various options were discussed about how we can add these to the existing curriculum or how they can be conducted for knowledge enhancement of the students.
Dr. Annappa suggested that Advanced Web Programming can be fitted to Professional Elective VI with structure 2-0-2 of as a 3 credit course and can be conducted in an online mode. Design Thinking can be taken as a mandatory course. It was proposed to conduct brainstorming among internal members as per the suggestions of BoS members and appropriate action to be taken considering number of credits.

Resolution:-

After incorporating all the suggested changes, the revised Final Year B. Tech. (CSE) Curriculum will be sent to BoS for endorsement.

Agenda Item No. 4: To discuss about introducing Honors and Minor Programmes in CSE

The chairperson Dr. S. H. Bhandari and Mr. S. P. Patil presented the proposed Honors and Minor Engineering courses to all BoS Members.

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The following course structure is proposed for Honors degree.

Cloud Architect

Semester	Honors	MOOCs Platform	Duration
IV	Cloud Computing (3) + Project (2)	NPTEL	8 weeks + 2 weeks case studies
V	Cloud Foundation Course by AWS Academy (3) + Project (2)	AWS Academy	30 Hrs. + 2 weeks personal Interaction
VI	Cloud Computing Foundation Course by Microsoft (3) + Project (2)	NASSCOM	44 Hrs.
VII	Cloud Solution Architect for AWS (3) + Project (2)	AWS Academy	40 Hrs.

Dr. Annappa and Mr. Rohit appreciated the topic and the initiative.

Agenda Item No. 5: To note the student's performance, placement and internship records for Academic year 2020-21

The chairperson presented the academic results of 2020-21 SEM I and II and its analysis. BoS Members appreciated Overall results. The chairperson then presented the placement of students from AY 2020-21 which was around 87% (52 out of 60). Dr. S. G. Sapate presented Internships of students- 49 out of 60 eligible students completed internship in various industries, out of which 9 students received stipend during their tenure in the company.

Dr. Suhas Sapate explained the department's efforts towards internship and placement of CSE students and presented the future 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 that all the students will have better opportunities.

Agenda Item No. 6: Any other item with the permission of the chair

No special discussion was carried out.

Member Secretary
Board of Studies (BoS)

ASHTA
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Chairperson
Board of Studies (BoS)

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