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24/04/2019

MINUTES OF THE MEETING
THIRD BOARD OF STUDIES (UG)

DATE: 20-04-2019, AT 11.15 AM

VENUE: CSE DEPARTMENT SEMINAR HALL

The **3rd meeting of Board of Studies (BoS) of Undergraduate Programme at Department of Computer Science and Engineering, ADCET, Ashta** was held on 20-04-2019, at 11.15 AM in the CSE Department Seminar Hall.

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. P. J. Kulkarni,** Professor, Walchand College of Engineering, Sangli	Member
3.	**Dr. A. V. Deshpande,** Principal, Smt. Kashibai Navale College Engineering, Pune	Member
4.	**Dr. S. D. Joshi,** Dean and Professor, Bharati Vidyapeeth Deemed University, College of Engineering, Pune	Member
5.	**Dr. S. H. Patil,** Professor, Bharati Vidyapeeth Deemed University, College of Engineering, Pune	Member
6.	**Dr. S. J. Wagh,** Head and Professor, Department of Information Technology, Government College of Engineering, Karad	Member
7.	**Dr. Annappa** Professor, National Institute of Technology, Suratkal. Karnataka.	Member
8.	**Dr. Atul Rohankar,** Leader, Delta Embedded Solutions Pvt. Ltd. Pune	Member

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Sr. No.	Name	Position
9.	**Mr. Ranjit Nimbalkar,** Software Developer, HSBC, Pune	Member
10.	**Mr. Rohit Limkar,** Team Lead, Tata Consultancy Services, Pune	Member
11.	**Mr. A. S. Dange** Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member Secretary
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. V.A. Kamble** Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
16.	**Mr. S. D. Khatawkar** Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
17.	**Mr. S. S. Sayyad,** 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. A. R. Pradnyawant** Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member

Dr. Annapa, Dr. P. J. Kulkarni, Dr. S. J. Wagh attended the meeting. Mr. Limkar provided his inputs on proposed curriculum through telephonic talks and email communication. The Chairman extended a warm welcome to all the participants in the meeting and thanked them for sparing their precious time to participate in the meeting.

The Chairman felicitated Dr. P. J. Kulkarni (WCE, Sangli), Dr. S. J. Wagh (GCE, Karad) and Dr. Annappa (NIT, Surathkal).

The Chairman introduced all the members of BoS and allowed carrying out proceedings of Board of Studies (BoS).

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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 23/04/2018

Resolution - Confirmed

Agenda Item No.2: To place before the BoS the report about the action taken on the decisions of its second meeting held on 23/04/2018

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

It was resolved to carry out the suggested changes in rearrangement of Units in the next revision of SY curriculum in academic year 2020-21.

Agenda Item No.3: To discuss and approve structure and curriculum contents of T.Y. B. Tech

The chairman Dr. S. H. Bhandari presented the course structure and draft curriculum of T. Y. B. Tech. to all BoS Members. The discussion is summarized as below:

A. Course: Internet of Things

    Dr. Wagh suggested including practical aspects for IoT. Environment for implementing IoT projects need to be included. He also suggested book for IoT by Vijay Madisetti. Also he pointed out need of laboratory for the course. But the discussion ended with inclusion of laboratory experience through mini projects.

B. Course: Computer Algorithms

    Members mentioned need to add details in Unit 6 and it was accepted to modify the contents. Computer Algorithms Laboratory was approved by the members.

C. Course: System Software

    Dr. P. J. Kulkarni suggested to allot more contact hours to Compiler. Dr. Annappa suggested adding compiler design for multi-core architecture. He suggested to include latest editions of books. He also suggested giving 50% weightage to compiler.

    After brain storming, it was decided to increase contact hours for Compiler and introduction of compiler design for multi-core architectures was postponed to next revision.

D. Course: Information Security

    It was suggested to change the title of the course as "Information and Network Security"

E. Course: Database Engineering and Database Engineering Laboratory courses are approved without any change.

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F. Course: Professional Elective – I (2-0-2)
Following courses are finalized under this: Advanced Programming, Software Testing and Quality Assurance, Network Administration

   a. Advanced Programming: Instead of including three languages, members suggested to include Python and Ruby. Also suggested to add advanced concepts of python. Accordingly the curriculum will be updated.

   b. Software Testing and Quality Assurance is moved to semester V (earlier in semester VI) with laboratory experience. The syllabus is to be modified accordingly and further will be approved from industry expert.

   c. Network Administration: All the members suggested to generalize the contents. More focus should be on open source. Suggestion to include Network Operating System and adding a case study in Unit 6 that might be the latest version of Windows server.

G. Dr. Wagh suggested that Mini Project should be theme based that should include the topics the students are studying or have studied.

H. The course Economics and Finance should be changed to Entrepreneurship Development and Planning. The existing contents of Economics and Finance to be incorporated under new title.

I. Dr. Annappa suggested that Advanced Database System should include concepts of NoSQL.

J. Machine Learning was approved without any change.

K. Under Professional Elective II, Digital Image Processing, Ad hoc Networks were approved as it is. Further the members suggested rethinking upon more contents related to Graph Theory in advanced data structures. Curriculum already contains two units related to Graph.

L. Professional Elective III (3-1-0): Computer Graphics & Multimedia Techniques shifted to semester VI (earlier it was in semester V with lab). Further members suggested to have maximum three number of text books. Curriculum of Storage Networks was approved. It was suggested to change the title Ethical Hacking and Cyber Security as Cyber Security.

M. Unix & Shell Programming, Object Oriented Modeling and Design were approved without any change.

N. It was suggested to reduce contents of Web Programming. Accordingly the modifications will be made.

Resolution:-

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

Agenda Item No. 4: To discuss and approve mode of assessment of T.Y. B. Tech curriculum
The samples of few of the courses were discussed and approved.

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Agenda Item No. 5: To discuss and approve new structure of F.Y. B. Tech to Final Year B. Tech curriculum to be implemented from Academic year 2019-20

New structure was presented to BoS with 170 credits.

Dr. P. J. Kulkarni emphasized to reduce total credits by 5-6.

It was decided to rethink on the course Workshop Practice.

Dr. Wagh mentioned that data communication course would be heavy for FY students. Dr. Annappa suggested placing it in 3rd semester and discrete mathematics can be brought in 2nd semester, which in turn needs to shift Computer Networks to 4th semester and OS needs to bring in 3rd Sem. It was resolved to rethink' on this, probably modifying the contents of data communication.

Dr. P. J. Kulkarni suggested to change the title of "Biology" as "Biology for Engineers"

Computer Programming Laboratory to be renamed as "Computer Programming"

Dr. P. J. Kulkarni suggested to merge Basic Electrical and Basic Electronics.

Dr. P. J. Kulkarni suggested that Internship/Project in semester VII to be changed to Project and it is accepted by all members.

Resolution:-

To check for reduction of total credits and to accommodate the suggestions.

Agenda Item No. 6: To discuss and approve curriculum contents of F.Y. B. Tech to be implemented from Academic year 2019-20

Discussed curriculum contents of F.Y. B. Tech.

Discussed and approved Syllabus of Computer Programming. Also, chairman mentioned about branch specific computer programming curriculum development for other branches.

Dr. P. J. Kulkarni suggested to include ICT for Professional Communication.

Resolution:-

Contents of majority of courses of F.Y. B.Tech. were approved.

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Agenda Item No. 7: To note the student's performance for ISE and MSE

Discussed S.Y. B. Tech Results.

Data structure result was below 80% for MSE, Dr. Annappa suggested to focus more on problem formulation during practical sessions, he also suggested to arrange expert sessions for the same. Further the improvement in final results was noted and appreciated as a result of mode of conduct.

Overall result is appreciated by BoS Members.

Agenda Item No. 7: Any other item with the permission of chair

No special discussion was carried out.

Resolution: It was resolved to act upon the BoS suggestions after approval from Academic Council.

The meeting was ended with vote of thanks to all members.

Member Secretary
Board of Studies

Chairman
Board of Studies (BoS)

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