



MINUTES OF MEETING

Meeting Name	Board of Studies meeting for Scheme and Syllabus Discussion of B.Tech (Computer), B.Tech (IT) and M.Tech (Computer) from Academic year 2020-21		
Date of Meeting	29/07/2020	Time	10.00AM
Minutes Prepared By	Prof. Nikahat Mulla and Prof. Soni B. Bhambar	Location	Online Google Meeting - https://meet.google.com/hch-rqyk-fbt

Meeting Agenda

To discuss the program structure and curriculum of:

- Computer Engineering (UG and PG)
- Information Technology (UG).

Present Members

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| <ol style="list-style-type: none">1. Dr. B. N. Chaudhari, Principal2. Dr. Yerramreddy Srinivasa Rao, Vice Principal3. Dr. Rajendra Sutar, Dean Academics4. Dr. Supratim Biswas, Professor, IIT Bombay5. Dr. R. K. Joshi, Professor, IIT Bombay6. Dr. Padmaja Joshi, Senior Director, CDAC,7. Dr. Lalit Singh, Scientist, BARC, Mumbai Mumbai8. Dr. Leena Ragha, Professor, RAIT, Navi Mumbai (Mumbai University Representative)9. Dr. M. Vijayalaxmi, Professor, VESIT, Mumbai10. Dr. S. R. Devane, Professor DMCOE, Navi Mumbai11. Dr. Subhash Shinde, Professor, DMCOE, Navi Mumbai (Mumbai University Representative)12. Dr. Parikshit Mahalle, Professor, SKNCOE, Pune | <ol style="list-style-type: none">13. Dr. R. R. Sedamkar, Professor, TCET, Mumbai14. Dr. Dhananjay Kalbande, Dean Industry Relation15. Dr. Radha Shankarmani, Dean Quality16. Dr. Anant V. Nimkar, HoD Computer17. Dr. Prasenjit Bhavathankar, HoD IT18. Mr. Tushar Bansal (Alumni IT)19. Mr. Sumeet Savla (Alumni IT)20. Mr. Siddhant Dalvi (Alumni Computer)21. Rithvika Iyer (Student Representative, Computer)22. Shubham Sahu (Student Representative, Computer)23. Tejas Chheda (Student Representative, Computer)24. Sarah Sonje (Student Representative, IT) <p>All senior faculty of Computer and IT department attended the BoS meeting.</p> |
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Discussion

Following are the minutes of the Board of Studies meeting conducted for B.Tech (Computer), B.Tech (IT) and M.Tech (Computer) Syllabus Revision w.e.f. 2020-21.

Welcome and Introduction of BoS Committee Members

1. Prof. Swapnali Kurhade introduced Principal and panel members of IT and Computer Board of Studies.
2. Principal, Dr. B. N. Chaudhari shared a few words on the need to revisit the curriculum in the light of AICTE recommendations in his key-note address.
3. Dr. Rajendra Sutar (Dean of Academics) presented the proposed Scheme for UG Curriculum and highlighted salient features of new curriculum.

Honours Program

1. Dr. Vijaya Lakshmi appreciated the method adopted by the Institute to offer BTech with Honors.
2. Dr. Biswas suggested expressed the need for sufficient engagement of teachers for preparing students for the GATE exam. He pointed out the importance of training the students on complex questions.
3. Dr. Lalit Singh emphasized on starting the research work in the third semester and continues working for three more semesters, in order to publish good research work in quality journals. He has also mentioned that the stars associated with research publication to be related to the quality of the paper published.
4. Dr. Supratim Biswas suggested that the papers be scrutinized by a faculty panel and accordingly award stars. He also added to start mini projects in second year to improve visibility and outreach of the Institute.
5. Dr. S. R. Devane also suggested students to start working towards research paper publication or on product development at an early stage. He added that entrepreneurship culture would develop by encouraging

students to develop products.

6. Dr. Rushikesh Joshi suggested that some coursework could be included along with a high CPI, for offering Degree with Honours. Further, he suggested that CORE ranking, an Australian portal, is a good source for quality publications. In addition, he said if students are not opting for GATE but doing well otherwise, could be credited on equivalent basis.

B. Tech - IT and Computer Common - Scheme Presentation

1. Dr. Prasenjit Bhavathankar presented the B.Tech UG Scheme and Syllabus for B.Tech (common for both CE & IT) from Semester I to V. He also presented BTech (IT) courses from Semester VI to VIII.
2. Dr. R. R. Sedamkar suggested that the ITP model (Integrated Theory and Practical) of IIT Hyderabad to be referred for all programming courses.
3. All experts emphasized on designing the programming courses with problem solving approach rather than teaching the programming language per se to implement the algorithms. A list of relevant problems to be listed down and discussed in theory classes.
4. Dr. Supratim Biswas suggested that the Data Structures using Python Lab course to be revisited and Object oriented concepts to be included in the syllabus.
5. Dr. Leena Ragha suggested that Linux Lab experiments can be added in Operating System instead of floating a special lab for the same..
6. Many board members suggested that Probability and Statistics subject to be moved to Semester-III or Semester-IV.
7. Dr. R. R. Sedamkar suggested the following structure for programming courses:
Sem 1: Problem-solving using Structured Programming
Sem 2: OOP
Sem 3: Data Structures
Sem 4: Analysis of Algorithms
8. Dr. R. R. Sedamkar also suggested to cross check 42 contact hours in the curriculum with 45 contact hours as per UGC norms for 3 credit courses.
9. Dr. Rushikesh Joshi, Dr. Parikshit Mahalle and Dr. Supratim Biswas recommended that Theory of Computation should be a separate core subject and it should not be combined with compiler construction.
10. Mr. Sumit Salva, Alumni of IT mentioned that the core fundamental courses are important for the students.
11. Mr. Tushar Bansal appreciated the concepts of threads/vertical in domain electives.
12. Principal, Dr. B. N. Chaudhari concluded that we will revisit the scheme as per suggestions of the board members.

B.Tech Computer – Semester VI to VIII Scheme Presentation

1. Dr. Anant Nimkar presented the B.Tech Computer Scheme from Semester VI to VIII.
2. Dr. Lalit Singh and Dr. Rushikesh Joshi suggested that Software Engineering course is one of the important core subject. They suggested that the course System Analysis and Design may be replaced with Software Engineering.
3. Dr. Leena Ragha suggested that Fundamental of Signal Processing can be an Elective course.

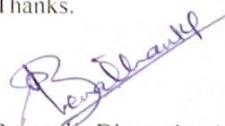
MTech Computer Scheme Presentation

1. Dr. Anant Nimkar presented the M.Tech Computer Scheme and discussed the syllabus for Sem I to II.
2. Dr. Lalit Singh commented that there is an overlap in the Course contents of Machine Learning, Soft Computing, and Neural Networks in Program Elective Track. Dr. D. R. Kalbande and Prof. Surekha Dholay discussed that the course contents of these courses.

Finally, Dr. Radha Shankarmani concluded the meeting with vote of Thanks.



Dr. Anant V. Nimkar
HOD,
Computer Engineering Department



Dr. Prasenjit Bhavathankar
HOD,
Information Technology Department

CC - Dean Academics S.P.IT.



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**Board of Studies (BoS) of Department of Computer Engineering
Year 2019-20**

Sr. No.	Designation	Name
1	Chairman (Head of the Department)	Dr. Anant V. Nimkar
2	Faculty as per Specialization	Dr. D R Kalbande Dr. Sudhir N. Dhage Dr. Preetida Jani
3	Three subject experts from outside the parent university to be nominated by the Academic Council	Dr. Supratim Biswas Dr. Parikshit Mahalle
4	One expert nominated by the vice-chancellor	Dr. Subhash Shinde
5	One representative from industry/corporate sector/allied area relating to placement	Mr. Amit Parashar
6	One graduate meritorious alumnus	Mr. Siddhant Dalvi
7	Experts from outside the college whenever special courses of studies are to be formulated	Dr. S. R. Devane Dr. Lalit Kumar Singh Dr. R. R. Sedamkar
8	Other members of staff of the same faculty	Prof. Surekha Dholay Prof. Anand Godbole Prof. Kiran Gawande Prof. Jyoti Ramteke Prof. Reeta Koshy Prof. Nataasha Raul Prof. Sunil Ghane Prof. Pramod Bide Prof. Soni Bhamber Prof. Abhijeet Salunke

Head

Department of Computer Engineering

Principal

Sardar Patel Institute of Technology