



# S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT & RESEARCH, NAGPUR.

(An Autonomous Institute, Affiliated to RTMNU, Nagpur)



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Vision: To become a center for quality education in the field of computer science & engineering and to create competent professionals.

### BOARD OF STUDIES MINUTES OF MEETING - 3

Date: 12/03/2022

The Third Meeting of the Board of Studies (BOS), Department of Computer Science and Engineering, S. B. Jain Institute of Technology, Management & Research constituted under Autonomy was held on 12<sup>th</sup> March, 2022 at 11:00 AM in the Department of Computer Science and Engineering of the Institute. Mr. Animesh Tayal, Chairman of the BOS presided over the meeting.

#### MEMBERS PRESENT:

Sr.No.	Name of Member	Designation
1.	Mr. Animesh Tayal	Chairman
2.	Dr. Rashmi Jain	Subject Head
3.	Dr. Mrudula Nimbarte	Subject Head
4.	Mr. Ramanand Samdekar	Subject Head
5.	Mr. Nisarg Gandhewar	Subject Head
6.	Ms. Roshani Talmale	Subject Head
7.	Mr. Ratnesh Choudhary	Subject Head
8.	<b>Dr. S. R. Sathe</b> Department of Computer Science and Engineering, VNIT, Nagpur.	External Subject Expert
9.	<b>Dr. Pooja Jain</b> Department of Computer Science and Engineering, IIIT, Nagpur.	External Subject Expert
10.	<b>Dr. Latesh G. Malik</b> Head & Associate Professor, Department of Computer Science and Engineering, Government College of Engineering, Nagpur.	VC Nominee
11.	<b>Mr. Kuldeep Singh Rana</b> DC Program Manager, TCS, Mihan, Nagpur.	Industry Representative
12.	<b>Ms. Jeevantika Lingalwar</b> Partner Technology Strategist, Microsoft, Ireland	Postgraduate Meritorious Alumnus
13.	<b>Dr. Rupali Kelkar</b> Department of First Year (Engineering) S. B. Jain Institute of Technology, Management and Research, Nagpur	Special Invite Subject Expert
14.	<b>Mr. Dhiraj Kumar Gupta</b> Department of Computer Science and Engineering, S. B. Jain Institute of Technology, Management and Research, Nagpur	Special Invite Subject Expert
15.	<b>Ms. Titiksha Bhagat</b> Department of Computer Science and Engineering, S. B. Jain Institute of Technology, Management and Research, Nagpur	Special Invite Subject Expert



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16.	<b>Ms. Sonali Zunke</b> Department of Computer Science and Engineering, S. B. Jain Institute of Technology, Management and Research, Nagpur	Special Invite Subject Expert
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Mr. Animesh Tayal welcomed all the members and opened the discussion as per the framework of agenda. He discussed the curriculum activities carried out in III Semester and process were used in framing the curriculum scheme and syllabus of IV Semester courses.

**Following agenda were discussed:**

**AGENDA 1: Confirmation of Minutes of 2<sup>nd</sup> BoS Meeting held on 26<sup>th</sup> July, 2021.**

Mr. Animesh Tayal, Chairman of the BoS read the minutes of meetings held on 26<sup>th</sup> July, 2021 and asked the members whether there was any addition or modifications in the minutes.

**RESOLUTION 1: Resolved that the BoS members unanimously confirmed the minutes of the last meetings.**

**AGENDA 2: Discussion on academics and related activities of the department carried out in III semester\_ session 2021-22(ODD).**

The Chairman briefed the academics and related activities of the department carried out in III Semester Session 2021-22. He explained the objectives of Activity Based Learning and Project Based learning implemented in III semester.

Dr. Latesh Malik, Mr. Kuldeep Singh Rana and Dr. S. R. Sathe appreciate the efforts taken by department and suggested to continue such activities in upcoming semesters also.

**RESOLUTION 2: Resolved that the Activity Based Learning and Project Based learning will continue in IV semesters.**

**AGENDA 3: Apprise with the Value-Added Course titled “User Interface (UI) design using FIGMA” conducted for students of III semester in Session 2021-22 for imparting technical skills and its consideration in the Institute’s incentive marks scheme.**

The Chairman briefed about the **Value-Added Course** titled “User Interface (UI) design using FIGMA” conducted for students of III semester in Session 2021-22 for imparting technical skills and its consideration in the Institute’s incentive marks scheme. He also explained that the maximum students have took the benefit of that course.

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**AGENDA 4:** Apprise with the structured feedback taken from stakeholders (Faculties, Students, Employers and Alumni) on design and review of syllabus/curriculum of III & IV semester courses of Computer Science and Engineering Programme.

**Refer:**

**Annexure-I: Feedback taken from stakeholders.**

The Chairman briefed all the feedbacks taken from stakeholders (Faculties, Students, Employers and Alumni) on design and review of syllabus/curriculum of III & IV semester courses of Computer Science and Engineering Programme. The valuable suggestions given by stakeholders were incorporate to in IV semester syllabus.

The alumni suggested to include at least one programing language in each semester. Another suggestion was to provide free courses to the students for their technical development.

**RESOLUTION 4:** Resolved that department conducts workshops and value-added courses to make students aware of the recent requirements of the industry.

**AGENDA 5:** Apprise with the academic MoUs undertaken by the department with the industries to develop curriculum with focus on employability/entrepreneurship/skill development and foster Institute-Industry interaction.

**Refer:**

**Annexure-II : MoUs with Industries.**

The Chairman briefed the MoUs signed with the company such as Masstech Computers, Fireblaze Technology Private Limited, Tech Vegan, S2P Edutech and Whitehorse Business Solutions Pvt. Ltd., Nagpur. He also explained the objectives of the MoUs signed with the companies.

**RESOLUTION 5:** Resolved that the department will take help from these companies for improving employability, entrepreneurship and technical skills of the students.

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**AGENDA 6:** Consider and finalize IV Semester Curriculum Syllabus of all the Professional Core Courses and Open Elective Course.

**Refer:**

**Annexure-III: Curriculum Syllabus of IV Semester of all the Professional core Courses and Open Elective Courses.**

The Chairman briefed the curriculum syllabus of fourth semester courses and requested all the members for open house discussion. All the members of the Board of Studies discussed the syllabus. After due consideration following points were suggested.

1. Dr. Latesh Malik and Dr. S.R. Sathe suggested to remove Chines Remainder Theorem from syllabus and include Kenneth H. Rosen's book in Text Book List of Discrete Mathematics and Graph Theory Course.
2. Mr. Kundeeep Singh Rana suggested to include Trigger and Package in II unit of Database Management System course. He also suggested to include Introduction to Mobile and Smart OS and comparison of different Operating System in VI unit, because various questions based on operating system are expected in interview.
3. Dr. S.R.Sathe suggested to add operator overloading in Python Programming Lab.
4. Mr. Kundeeep Singh Rana suggested to include Google tag manager, Pay per click (PPC), Introduction of Metaverse and Gamification in Digital Marketing course as it required in industry.

**RESOLUTION 6:**

- a. Resolved that the topic Chines Remainder Theorem is removed from Discrete Mathematics and Graph Theory Course and Kenneth H. Rosen's book is added in text book list.
- b. Resolved that the Trigger and Package are included in Database Management System course
- c. Resolved that the Introduction to Mobile and Smart OS topic and comparison of different operating System is included in VI unit of Operating System Course.
- d. Resolved that the operator overloading concept is included in Python Programming practical Course.
- e. Resolved that the topic Google tag manager, Pay per click (PPC), Introduction of Metaverse and Gamification are included in Digital Marketing Course.

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**AGENDA 7: Consider and approve revised Outcome Based Education (OBE) Manual of the Computer Science and Engineering Programme.**

Refer:

Annexure-IV: Revised Outcome Based Education (OBE) Manual

The BoS Chairman explained the minor changes are done in Outcome Based Education (OBE) and read all the guidelines mentioned in the OBE manual. The Chairman invited suggestions from all BoS members.

**RESOLUTION 7: Resolved that the revised Outcome Based Education (OBE) Manual for Session 2021- 22 is unanimously approved.**

**AGENDA 8: Consider and finalize the revised structure and area of Honor/Major Specialization Courses offered by the department and Minor Specialization Courses offered by the Institute wef. session 2021-22.**

All the members of the Board of Studies discussed the revised structure and **Honor/Major Specialization Courses**. After due consideration following points were suggested.

1. Dr. Latesh Malik and Dr. S. R. Sathe suggested to prepare at least two buckets for Major Specialization.

**RESOLUTION 8: Resolved that the Honor/Major Specialization Courses will run through NPTEL Courses and the advanced courses including courses from emerging technologies will be taken by students.**

**AGENDA 9: Consider and finalize minor specialization offered by the department entitled "Minor in Computer Science" and "Minor in Data Analytics", its curriculum scheme and syllabus of the course offered in the 4th semester.**

Refer:

Annexure- V: Curriculum scheme and syllabus of the course offered in the 4th semester under Minor in Computer Science and Minor in Data Analytics.

All the members of the Board of Studies discussed minor specialization offered by the department entitled "Minor in Computer Science" and "Minor in Data Analytics", its curriculum scheme and syllabus of the course offered in the 4th semester. After due consideration following points were suggested.

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1. **Minor Scheme:** Dr. Latesh Malik and Dr. S. R. Sathe suggested to modify the name i.e. "Minor in Data Science"
2. **Courses under minor in Data Science:** Dr. Latesh Malik suggested to change sequence of courses offered under Minor in Data Science and also include R Programming for Statistical Data Analysis.

**RESOLUTION 9:** Resolved that the Minor in Data Analytics has been changed to Minor in Data Science. The Course R Programming for Statistical Data Analysis is also included.

**AGENDA 10:** Consider and approve the list of panels of examiners for theory and practical exam of IV semester courses for the academic session 2021-22.

Refer:

Annexure-VI: Panel of examiners of IV semester theory and practical courses.

The Chairman briefed the list of panels of examiners for theory and practical courses. The panel of examiners for theory and practical examination were discussed and approved.

**RESOLUTION 10:**

- a. Resolved that the panel of the examiners is finalized as per discussion and recommendation of the BoS.

**AGENDA 11:** Any other agenda with permission of the Chairman.

The Chairman informed the BoS members that the Electronics and Telecommunication Department is offering "Python Programming (PCCE403T)" and the Electrical Engineering Department is offering "Python Programming Lab (PCCEE406P)" courses in IV semester. He also invited the suggestions in the above-mentioned syllabus from all the BoS members. All the members discussed and approved the syllabus.

**RESOLUTION 11:** Resolved that the syllabus of courses "Python Programming (PCCE403T)" and "Python Programming Lab (PCCEE406P)" were discussed and approved.

Mr. Kuldeep Singh, Industry Representative, suggested to give more focus on internship programs and live projects as per the industry need to groom the students.

Ms. Roshani Talmale, Member BoS, CSE proposed a vote of thanks and declared closure of the meeting with the permission of the Chair.

Dr. R. Jain  
20/7/22

Dr. M.S. Nimbarde  
20/7/22

Dr. S.R. Sathe  
20/7/22

R.S. Samdekar  
20/7/22

Kuldeep Singh Rana  
20/7/22

Dr. L. Malik  
20/7/22

(S.A. Zunte)  
20/7/22

Dr. A. Tayal  
20/7/22

R.B. Talmale  
20/7/22

Dr. N. Bhandhewar  
20/7/22

Pooja Jain  
20/7