



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

(An Autonomous Institute, Affiliated to RTMNU, Nagpur)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

"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 - 4**

Date: 20/07/2022

The fourth 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 20th July, 2022 at 11:30 AM in the Conference Room, Admin Block, SBJITMR. Dr. Animesh Tayal, Chairman of the BOS presided over the meeting.

MEMBERS PRESENT:

Sr. No.	Name of Member	Designation
1.	Dr. 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.	Dr. S. R. Sathe Department of Computer Science and Engineering, VNIT, Nagpur.	External Subject Expert
9.	Dr. Pooja Jain Department of Computer Science and Engineering, IIIT, Nagpur.	External Subject Expert
10.	Dr. Latesh G. Malik Head & Associate Professor, Department of Computer Science and Engineering, Government College of Engineering, Nagpur.	VC Nominee
11.	Mr. Kuldeep Singh Rana DC Program Manager, TCS, Mihan, Nagpur.	Industry Representative
12.	Ms. Jeevantika Lingalwar Partner Technology Strategist, Microsoft, Ireland	Postgraduate Meritorious Alumnus
13.	Ms. Sonali Zunke Department of Computer Science and Engineering, S. B. Jain Institute of Technology, Management and Research, Nagpur	Special Invite Subject Expert

Dr. Animesh Tayal welcomed all the members and opened the discussion as per the framework of agenda. He discussed the curriculum activities carried out in IV Semester and process were used in framing the curriculum scheme and syllabus of V Semester courses.

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Following agenda were discussed:

AGENDA 4/1: Confirmation of Minutes of 3rd BoS Meeting held on 12th March, 2022.

Dr. Animesh Tayal, Chairman of the BoS read the minutes of meetings held on 12th March, 2022 and asked the members whether there was any addition or modifications in the minutes.

RESOLUTION 4/1: Resolved that the BoS members unanimously confirmed the minutes of the last meetings.

AGENDA 4/2: Consider and finalize the revision in curriculum scheme for I and II semester B.Tech. Computer Science and Engineering Programme w.e.f. session 2022-2023.

Refer:

Annexure I - Revised curriculum scheme for I and II semester B.Tech. Computer Science and Engineering Programme w.e.f. session 2022-2023.

The Chairman briefed revised curriculum scheme of I and II semester B.Tech. Computer Science and Engineering Programme w.e.f. session 2022-2023. He also explained that two group have been formed in First Year Engineering, one is for Computer Science and Engineering (CS) with Electronics and Telecommunication Engineering (ET) and second group is for Electrical Engineering (EE), Mechanical Engineering (ME) and Emerging Technologies (AD and AM). He also explained the minor corrections made in the scheme like the course name "Advanced Chemistry" have been changed to "Engineering Chemistry". The BoS chairman requested the members for any other suggestions. All the BoS members approved the changes.

RESOLUTION 4/2: Resolved that revision in curriculum scheme for I and II semester B.Tech. Computer Science and Engineering Programme w.e.f. session 2022-2023 has been unanimously finalized.

AGENDA 4/3: Discussion on academics and related activities of the department carried out in IV semester Session 2021-22 (EVEN).

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

Dr. Latesh Malik, Mr. Kuldeep Singh Rana and Dr. S. R. Sathe appreciated the efforts taken by department.

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RESOLUTION 4/3: Resolved that the Activity Based Learning and Project Based learning will continue in V semester.

AGENDA 4/4: Apprise with the Skill Development Workshop titled "Advanced SQL, PL/SQL" and the Value-Added Course on "R-Programming for Statistical Data Analysis", conducted for students of IV semester in Session 2021-22 for imparting technical skills.

The Chairman briefed about Skill Development Workshop titled "Advanced SQL, PL/SQL" and the Value-Added Course on "R-Programming for Statistical Data Analysis", conducted for students of IV semester in Session 2021-22 for imparting technical skills. Total duration of each workshop was more than 30 hrs. and maximum students have taken the benefit of that course.

AGENDA 4/5: Apprise with the structured feedback taken from stakeholders (Faculties, Students, Employers and Alumni) on design and review of syllabus/curriculum of IV & V semester courses of Computer Science and Engineering Programme.

Refer:

Annexure-II: 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 IV & V semester courses of Computer Science and Engineering Programme. The valuable suggestions given by stakeholders were incorporate in V semester syllabus.

The alumni suggested to include at least one programming language in each semester.

AGENDA 4/6: 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-III: MoUs with Industries.

The Chairman briefed the MoUs signed with the company such as MKP IT Services Pvt. Ltd., Revat Network and Softtronix IT Solution Nagpur. He also explained the objectives of the MoUs signed with the companies.

RESOLUTION 4/6: Resolved that the department will take help from these companies for providing

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technical skill, improving employability and entrepreneurship skills of the students.

AGENDA 4/7: Consider and finalize the revision in curriculum scheme for B.Tech. Computer Science and Engineering Programme from III semester to VIII semester w.e.f. session 2022-2023.

Refer:

Annexure-IV: Curriculum scheme for B.Tech. Computer Science and Engineering Programme from III semester to VIII semester w.e.f. session 2022-2023.

The Chairman presented the revised curriculum scheme for B.Tech. Computer Science and Engineering Programme from III semester to VIII semester w.e.f. session 2022-2023. Chairman requested all the members for open house discussion. After due consideration following points were suggested.

1. Dr. Pooja Jain suggested to increase the number of credits of professional elective courses. Madam also suggested to give more focus on six months live Internship in reputed companies.
2. Dr. Latesh Malik and Dr. S.R Sathe suggested to increase practical course hours in order to give more practical exposure to the students.
3. Dr. Pooja Jain and Ms. Jeevantika Lingalwar suggested to keep only project and Industry Internship in VIII semester so that students will give more focus on Internship and projects.

RESOLUTION 4/7 :

- a. Resolved that the credits of all the professional elective courses have been increased. To balance the total credits, some minor changes in scheme has been done.
- b. Resolved that the credits of professional core practical courses like Data Structures & Algorithms Lab, System Lab and Database Management System Lab course have been increased.
- c. Resolved that project and Industry Internship is included in VIII semester so that students will more focus on Internship as well project for improving employability and entrepreneurship.
- d. The revision in curriculum scheme for B.Tech. Computer Science and Engineering Programme from III semester to VIII semester w.e.f. session 2022-2023 is unanimously approved.

AGENDA 4/8: Consider and finalize the revised syllabus of III Semester courses Data Structure & Algorithm, Fundamentals of Digital Electronics & Computer Architecture and IV semester course

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A large signature on the left, followed by several initials and names including "S.R Sathe", "MS", "Latesh", and "Pooja".



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Database Management System of the Computer Science and Engineering Programme w.e.f. session 2022-2023.

Refer:

Annexure-V: Revised syllabus of III Semester courses Data Structure & Algorithm, Fundamentals of Digital Electronics & Computer Architecture and IV semester course Database Management System.

The Chairman read the content of the syllabus of Data Structure & Algorithm, Fundamentals of Digital Electronics & Computer Architecture and IV semester course Database Management System and requested all the members for open house discussion. After due consideration following points were suggested.

1. Dr. S.R. Sathe suggested to remove Prim's, Kruskal's, Dijkstra's algorithms from syllabus of Data Structure & Algorithm and include the content in Design Analysis and Algorithm course.
2. Dr. Pooja Jain suggested to mentioned BFS and DFS in graph traversal techniques in Data Structure & Algorithm course.

RESOLUTION 4/8:

- a. Resolved that the topic Prim's, Kruskal's, Dijkstra's algorithms are removed from syllabus of Data Structure & Algorithm and included in Design Analysis and Algorithm course.
- b. Resolved that the BFS and DFS in graph traversal techniques is mentioned in Data Structure & Algorithm course.
- c. The revised syllabus for Fundamentals of Digital Electronics & Computer Architecture and Database Management System were unanimously approved.

AGENDA 4/9: Consider and finalize the revised List of Open Elective Courses offered by the department for IV to VII semester B.Tech. Programme w.e.f. Session 2022-2023.

Refer:

Annexure- VI: The revised List of Open Elective Courses

All the members of the Board of Studies discussed the revised List of Open Elective Courses offered by the department for IV to VII semester B.Tech. Programme w.e.f. Session 2022-2023.

RESOLUTION 4/9: Resolved that the revised List of Open Elective Courses offered by the department for IV to VII semester B.Tech. Programme w.e.f. Session 2022-2023 is unanimously approved.

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AGENDA 4/10: Consider and finalize the V Semester Curriculum Syllabus of all the Professional Core Courses and Open Elective Course w.e.f. session 2022-2023.

Refer:

Annexure- VII: Curriculum syllabus of all the Professional Core Courses and Open Elective Course.

The Chairman briefed the curriculum syllabus of all the Professional core courses and Open elective course and requested all the members for open house discussion. All the members discussed the syllabus and after due consideration following points were suggested.

1. Dr. S. R. Sathe suggested to add K. L. P. Mishra book in reference book and mentioned "Introduction to languages and the Theory of Computation" by John C. Martin as a text book.
2. Dr. Pooja Jain suggested to remove Neural Network and Expert system from Artificial Intelligence course.
3. Dr. S. R. Sathe and Dr. Latesh Malik suggested to add branch and bound technique in Design and Analysis of Algorithm course.

RESOLUTION 4/10: Resolved that all the suggestions given by BoS members are incorporated in V Semester curriculum syllabus of all the Professional Core Courses.

AGENDA 4/11: Apprise with the revised structure of Honor/Major Specialization Courses and Minor Specialization Courses offered by the Institute w.e.f. session 2021-2022.

Refer:

Annexure-VIII: Revised structure of Honor/Major Specialization Courses and Minor Specialization Courses

The chairman briefed about the Emerging Directions No. 5 of 2021-22 regarding Honor/Major Specialization Courses and Minor Specialization Courses. He also explained the revised structure of Honor/Major Specialization Courses and Minor Specialization Courses.

RESOLUTION 4/11: Resolved that the revised structure of Honor/Major Specialization Courses and Minor Specialization Courses offered by the Institute w.e.f. session 2021-2022 is unanimously confirmed.

AGENDA 4/12: Consider and approve the list of panels of examiners for theory and practical exam for the academic session 2022-23.

Refer:

Annexure-IX: Panel of examiners of theory and practical courses for the academic session 2022-23

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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 4/12: Resolved that the panel of the examiners is finalized as per discussion and recommendation of the BoS for the academic session 2022-23.

AGENDA 4/13: Any other agenda with permission of the Chairman.

Mr. Kuldeep Sing Rana, Industry Representative, agreed to conduct technical sessions for students on the recent trends and requirements of industries.

All the BoS members were satisfied with the presented agenda.

Dr. Rashmi Jain, Member BOS, proposed a vote of thanks and declared closure of the meeting with the permission of the Chair.

[Signature]
31/9/22

Dr. Animesh Tayal
(BoS Chairman, CSE)

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31/9/22
(R.K. Choudhary)

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03/09/22
(Dr. M.S. Nimbarde)

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31/9/22
R.S. Samdekar

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31/9/2022
Dr. M. Grandhewar

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03/9/22
Dr. R. Jain

[Signature]
3/9/22
Rashmi Jain

[Signature]
31/9/22
(R.B. Tahmale)

[Signature]
31/9/2022
(Dr. S.R. Sath)

[Signature]
Dr. Latesh Malik
03/09/22

[Signature]
Mr. Kuldeep Singh Rana
3/9/22

[Signature]
3/9/2022
(Sonal Kunte)