

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



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

**DEPARTMENT OF MECHANICAL ENGINEERING**



*Vision: Emerge as an excellent centre for Mechanical Engineering education*

**BOARD OF STUDIES  
MEETING-4 | Held on 22.07.2022 | MINUTES**

The Fourth Meeting of the Board of Studies (BoS) of Mechanical Engineering Department, S. B. Jain Institute of Technology, Management & Research was held on 22.07.2022, at 2:30 pm, in the Conference Hall of the Institute. Mr. Amit Tajne, Chairman of the BOS presided over the meeting.

**MEMBERS PRESENT:**

Sr. No.	Name of Member	Designation
1.	<b>Mr. Amit Tajne</b>	Chairman
2.	<b>Dr. A.M. Langde</b> Professor & Head, Department of Mechanical Engineering, ACET, Nagpur	University Expert Nominee
3.	<b>Dr. A. S. Dhoble</b> Associate Professor, Department of Mechanical Engineering, VNIT, Nagpur	External Subject Expert
4.	<b>Dr. T. V. K. Gupta</b> Associate Professor, Department of Mechanical Engineering, VNIT, Nagpur	External Subject Expert
5.	<b>Mr. Saurabh Deo</b> Sr. Manager (Production and Tooling) Jindal saw Ltd. Seamless tube Division	Industry Representative
6.	<b>Dr. Mrudula Nimbarte</b> Head of Department Emerging Technologies, SBJITMR, Nagpur	Special Invitee
7.	<b>Dr. Harish S. Bhatkulkar</b>	Faculty Representative
8.	<b>Mr. Abdul Ghaffar</b>	Faculty Representative
9.	<b>Mr. Faisal Hussain</b>	Faculty Representative
10.	<b>Mr. Pankaj Jaiswal</b>	Faculty Representative
11.	<b>Mr. Hemant Bansod</b>	Faculty Representative
12.	<b>Mr. Ajay Joshi</b>	Faculty Representative
13.	<b>Mr. Nitish Sharma</b>	Alumni Representative

**MEMBERS ABSENT:**

Sr. No	Name of Member	Designation
1	<b>Mr. Vaibhav Agrawal</b>	Industry Representative

*(Handwritten signatures of the members present at the meeting)*

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



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

**DEPARTMENT OF MECHANICAL ENGINEERING**

*Vision: Emerge as an excellent centre for Mechanical Engineering education*



At the outset, Mr. Amit Tajne, Chairman of Board of Studies, extended a cordial welcome to all the members to 4<sup>th</sup> Meeting of Board of Studies of Mechanical Engineering.

The Following agenda were discussed:

**AGENDA 1: Approval of Minutes of 3<sup>rd</sup> BoS meeting held on 11.03.2022**

The Chairman presented the minutes of third meeting of Board of Studies of Mechanical Engineering, agenda and resolution of third meeting, discussed and verified by the house.

**RESOLUTION 1: Resolved that, minutes of Third Board of Studies meeting are approved by the house.**

**AGENDA 2: Induction of Mr. Saurabh Deo as Industry Representative and Mr. Ajay Joshi as Faculty Representative in the Board of Studies.**

The Chairman formally inducted Mr. Saurabh Deo as Industry Representative and Mr. Ajay Joshi as Faculty Representative in the Board of Studies of Mechanical Engineering.

**RESOLUTION 2: Resolved that, Mr. Saurabh Deo and Mr. Ajay Joshi inducted in the Board of Studies as Faculty Representative.**

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

The chairman elaborated about the academic activities such as Activity Based Learning, Creative Assignment, Mini Models and Industry Expert Lectures were conducted in department for IV semester.

**AGENDA 4: Apprise with the Value-Added Course titled "C Programming and Data Structure" conducted for students of IV semester in Session 2021-22 for imparting Industry relevant skills and its consideration in the Institute's incentive marks scheme.**

Prof. Mohammad Hasan Akhtar elaborated about the Value-Added Course titled "C Programming and Data Structure". He explained about the process of framing of syllabus for the course. Also informed the house about that those students who had passed the assessment of the course has been allocated with the incentive marks as per the incentive marks policy.

**AGENDA 5: Apprise with the structured feedback taken from stakeholders (Faculties,**

*[Handwritten signatures in blue ink]*

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



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

**DEPARTMENT OF MECHANICAL ENGINEERING**



*Vision: Emerge as an excellent centre for Mechanical Engineering education*

**Students, Employers and Alumni) on design and review of syllabus/curriculum of IV & V semester courses of Mechanical Engineering Programme.**

Prof. Mohammad Hasan Akhtar presented the structured feedback taken from stakeholders (Faculties, Students, Employers and Alumni) on design and review of syllabus/curriculum of IV & V semester courses of Mechanical Engineering Programme.

The average feedback on review of 4<sup>th</sup> semester syllabus by students is above 75% and it is observed from the comments of students that they are satisfied with the syllabus of 4<sup>th</sup> semester. Mr. Saurabh Deo suggested that teaching of design related subjects should be done using design software like CREO and Solidworks. He further stated that syllabus of “Algorithm and Data structure Lab” and “Python programming Lab” are in line with current software industry requirement.

**AGENDA 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.**

Prof. Faisal Hussain informed the house about MoU undertaken by the department with Triambika Corporation, MIDC Hingna Road, Nagpur for the course Design of Machine Element. The scope of this MoU includes framing of syllabus, Industry expert lecture, Industry expert Assessment and Industry visit.

**AGENDA 7: Apprise with the revised structure of Honor/Major Specialization Courses and Minor Specialization Courses offered by the Institute wef. Session 2021-2022.**

The chairman elaborated on the changes in Honor/Major Specialization Courses and Minor Specialization Courses offered by the Institute wef. Session 2021-2022. He stated that Institute has decided to offer all Honors/Major and Minor specialization courses through SWAYAM/NPTEL platform of government of India. The students will have to earn 18-20 credits against the scheme for Honor/Major and Minor specialization, as per the list of courses provided by the Institute. The number of credits allocated by SWAYAM/NPTEL platform shall be considered for the calculation of earned credits.

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



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

**DEPARTMENT OF MECHANICAL ENGINEERING**



*Vision: Emerge as an excellent centre for Mechanical Engineering education*

**AGENDA 8: Consider and finalize the revision in curriculum scheme for I and II Semester B.Tech. Mechanical Engineering Programme wef. session 2022-2023.**

The Chairman presented the **revision in** curriculum scheme for I and II Semester B.Tech Mechanical Engineering Programme wef. session 2022-2023. In the revised scheme “Computer Workshop Lab” and “Web Development Lab” have been included. This is done to enhance the employability skills of students.

**RESOLUTION 8: Resolved that, I and II Semester Curriculum Scheme is finalized and approved by the house.**

**AGENDA 9: Consider and finalize the revision in curriculum scheme for III-VIII Semester of Mechanical Engineering Programme wef. Session 2022-2023.**

The Chairman presented the **revision in** curriculum scheme for III-VIII Semester B.Tech Mechanical Engineering Programme. He further stated that minor changes have been made in the scheme and in purview of current employment scenario two courses “**Algorithms & Data Structure Lab**” in third semester and “**Python Programming Lab**” in fourth semester are newly added.

**RESOLUTION 9: Resolved that, revision in III-VIII Semester Curriculum Scheme is finalized by the house.**

**AGENDA 10: Consider and finalize the revised credit structure for the professional core courses Kinematics of Machines (III Semester) and Dynamics of Machines (IV Semester) wef. Session 2022-23.**

The Chairman described the revised credit structure for professional core courses Kinematics of Machines (III Semester) and Dynamics of Machine (IV Semester). 1 credit of tutorial from each of the courses is reduced and allotted to the courses “**Algorithms & Data Structure Lab**” and “**Python Programming Lab**” respectively.

The total numbers of credits in 3<sup>rd</sup> and 4<sup>th</sup> semester are unchanged. The course code for the courses Kinematics of Machines (III Semester) and Dynamics of Machine (IV Semester) have been changed.

**RESOLUTION 10: Resolved that, the revised credit structure for professional core**

*[Handwritten signatures and initials]*

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



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

**DEPARTMENT OF MECHANICAL ENGINEERING**

*Vision: Emerge as an excellent centre for Mechanical Engineering education*



courses Kinematics of Machines (III Semester) and Dynamics of Machines (IV Semester) is finalized and approved by the house.

**AGENDA 11: Consider and finalize syllabus of Algorithms & Data Structures Lab for III semester wef. Session 2022-23.**

Prof. Mohammad Hasan Akhtar presented the syllabus for Algorithms & Data Structures Lab to be included in III semester as per suggestions from industry experts. Dr. Mrudula Nimbarte emphasized that this course will help students to improve their employability skills.

**RESOLUTION 11: Resolved that, the syllabus of Algorithms & Data Structure Lab for III Semester is finalized by the house.**

**AGENDA 12: Consider and finalize V Semester Curriculum Syllabus of all the Professional Core Courses, Programme Elective Courses and Open Elective Course.**

The Chairman described the syllabus & CO formation processes and stated that while framing the syllabus faculties have followed AICTE Guidelines, AICTE Model Curriculum, inputs from various stakeholders including Industry Experts & Subject Experts, Revised Bloom's Taxonomy and study of syllabus of elite institutions.

**RESOLUTION 12: Resolved that, V Semester Curriculum Syllabus of all the Professional Core Courses, Program Elective courses and Open Elective Course are finalized by the house.**

**AGENDA 13: Consider and approve the list of panel of examiners for theory and practical exam for the academic session 2022-23.**

The chairman presented the list of panel of examiners for theory and practical exam for the academic session 2022-23.

**RESOLUTION 13: Resolved that, the list of panel of examiners for theory and practical exam for the academic session 2022-23 are approved.**

Chairman, Prof. Amit Tajne, thanked all the members of Board of Studies for their valuable

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



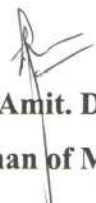
(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

**DEPARTMENT OF MECHANICAL ENGINEERING**



*Vision: Emerge as an excellent centre for Mechanical Engineering education*

time, inputs and suggestions. He assured that all the inputs and suggestions given by the BoS will be incorporated by the department.

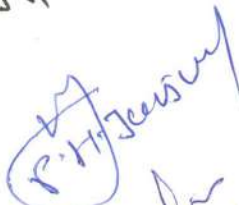
  
**Prof. Amit. D. Tajne**  
**(BoS Chairman of ME Department)**

  
A. Ghaffar

  
P. H. Jaisury  
Dr. H. M. Bhatnagar

  
A. D. Tajne

  
T. K. Gope  
AD

  
P. H. Jaisury  
Dr. H. S. Bhosale

  
A. M. Gope  
AD