



**Board of Studies
MEETING-4 | 26.07.2022 | MINUTES**

The 4th Meeting of the Board of Studies of Electrical Engineering was held on **26.07.2022 at 3:00 pm** in the Conference hall of the Institute.

MEMBERS PRESENT:

Sr. No.	Name of Member	Designation
1	Dr. Pankaj B Thote	Chairman
2	Dr. Prema Daigavane , Professor and Head EE Dept. GHRCE, Nagpur	University Expert Nominee
3	Dr. D.P. Kothari , Ex. Director, IIT Delhi	External Subject Expert
4	Dr. Pradyumn Chaturvedi , VNIT, Nagpur	External Subject Expert
5	Mr S.D. Bhattad , CEO, Saurabh Engineering Services, Nagpur	Industry Representative
6	Dr. Chandrakant Rathore	Faculty Representative
7	Mr. Vishant Naik	Faculty Representative
8	Mr. Saurabh k. Singh	Faculty Representative
9	Mr. Mohammad Ashar	Faculty Representative
10	Mr. Afsar Khan	Faculty Representative
11	Mr. Kartik Rao	Alumni Representative

At the outset, Dr. Pankaj B Thote, Chairman of the Board of Studies, extended a cordial welcome to all the members, to the 4th meeting of the Board of Studies of Electrical Engineering.

The Following agenda were discussed:

AGENDA 4.1; Approval of Minutes of 3rd BoS meeting held on 14.03.2022

The Chairman read the minutes of 3rd BoS meeting held on 14.03.2022 and presented the resolutions to the house. It was unanimously approved by all the members.



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RESOLUTION 4.1: Resolved that, minutes and resolutions of 3rd BoS meeting are approved.

AGENDA 4.2 : *Consider and finalize the minor revision in curriculum scheme for I and II semester B.Tech. Electrical Engineering Programme wef. session 2022-2023.*

The Chairman briefed the minor revision in curriculum scheme of I and II semester B.Tech. Electrical Engineering programme wef. session 2022-2023 in view of rearrangement of 1st year Groups leading to rescheduling of few courses. Also, in the revised scheme “Computer Workshop Lab” and “Web Development Lab” has been included for computer skills development. All the BoS members approved the minor changes.

RESOLUTION 4/2 : *The proposed minor revision in curriculum scheme for I and II semester B.Tech. Electrical Engineering Programme wef. session 2022-2023 was accepted and finalized.*

AGENDA 4.3 : *Discussion on academics and related activities of the department carried out in IV semester_ session 2021-22(EVEN).*

Mr. Mohammad Ashar informed the house about the various academic activities carried out by the department during the EVEN semester session as planned in the academic calendar and time table. He highlighted the house with various activity based learning/ skill set trainings conducted against various courses along with the submissions by the students. He also brief about guest lectures conducted, TAEs, CAEs and ELAN forum activities. The members appreciated the conducted departmental academic and related activities.

AGENDA 4.4: *Apprise with the Value-Added Course on “Industrial Automation with PLC”, conducted for students of IV semester in Session 2021-22 for imparting technical skills.*

Mr. Mohammad Ashar apprised the members with the value added course titled “**Industrial Automation with PLC**” conducted for IV semester students. He highlighted the objective of the course was to impart technical skills to the students and enhance their employability. He further elaborated that this course familiarized the students with Industrial automation and



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imparted them with technical skill-sets to configure, design, develop, program and trouble-shoot PLC based automation systems. The syllabus, course schedule details along with course approvals were presented.

Chairman, BoS informed that the students successfully completing and passing this value added course shall be eligible for award of incentive marks.

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 Electrical Engineering Programme.

Mr. Mohammad Ashar presented the structured feedback received from various stakeholders on design and review of syllabus. He briefed the house with the questionnaires asked for student's review of syllabus of courses offered in IV semester along with their responses and highlighted that the average feedback were more than 80%. Also, the students responded positively when asked about the best features of the courses and some students also provided constructive comments for its improvement. In electrical machines course, a student suggested to include demonstration models for real learning, which was noted down and shall be implemented during delivery.

AGENDA 4.6: Apprise with the academic MoU undertaken by the department with the industries to develop curriculum with focus on employability/entrepreneurship/skill development and foster Institute-Industry interaction.

Mr. Mohammad Ashar presented before the house the recent MoU undertaken by the department with respect to curriculum development, training programmes, guest lectures, workshops, industry visits, internships, industry projects, placements and other activities with m/s Maximum Solutions specialized in Industrial automation so as to foster the academic-Industry association and interaction. BoS members appreciated the initiative. Dr. D.P. Kothari insisted for setting up of Centre of Excellence in the department due to its capability and also suggested to explore the other teaching-learning models of IIT Delhi that can be implemented in the department.



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AGENDA 4.7: *Consider and finalize the updation in the open elective courses for B.Tech. Electrical Engineering Programme wef. session 2022-2023.*

Dr. Chandrakant Rathore discussed in the meeting, the changes carried out in the Open Elective Courses offered by Computer Science and Engineering and Electronics and Telecommunication Engineering dept. in IV to VII semester B.Tech. EE programme wef. session 2022-2023. The board finalized the updation in the open elective courses.

Mr. Kartik Rao suggested to explore and promote the Telegraph app amongst students for multidisciplinary knowledge sharing, linkage and connectivity.

RESOLUTION 4/7 : **The changes in the open elective courses for B.Tech. Electrical Engineering Programme wef. session 2022-2023 has been accepted and finalized.**

AGENDA 4.8: *Consider and finalize the V Semester Curriculum Syllabus of all the Professional Core Courses, Contemporary Course and Open Elective Course offered by department wef. session 2022-2023.*

Mr. Mohammad Ashar presented before the house curriculum syllabus of all Professional Core Courses, Open Elective course [offered by the department] and Contemporary Courses of Electrical Engineering Course offered in V Semester. He further briefed the house regarding the process of syllabus framing which included reference to AICTE model curriculum, syllabus of elite institutions, inputs from various stakeholders viz. Industry Experts & Subject Experts and detailed discussions on the topics of the UNITS of syllabus were also carried out.

Dr. Prema Daigavane suggested including NPTEL references in the syllabus wherever applicable. Also, she suggested changing the title 'Per Unit Representation' of Electrical Power System-I course to an appropriate one.

The house finalized the syllabus with incorporation of suggestions.

RESOLUTION 4.8: **Resolved that, V Semester Curriculum Syllabus of all Professional Core Courses, Open Elective Course offered by EE dept. and Contemporary Course has been finalized by Board of Studies and put up for approval to the Academic Council.**

AGENDA 4.9: *Apprise with the revision in structure of Honor/Major and Minor Specialization Scheme and its list of Courses wef. session 2021-2022.*



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

(An Autonomous Institute, Affiliated to RTMNU, Nagpur)



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Mr. Mohammad Ashar elaborated on the changes in Honor/Major Specialization and Minor Specialization scheme wef. Session 2021-2022. He stated that, so as to promote self learning and online teaching-learning platforms, the 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. Also highlighted that, the number of credits allocated by SWAYAM/NPTEL platform shall be considered for the calculation of earned credits. All the members of the board accepted the revision.

AGENDA 4.10: *Consider and approve the panel of examiners for theory and practical exam for the academic session 2022-23.*

RESOLUTION 4.10: **The panel of examiners for theory and practical exam for the academic session 2022-23 has been approved.**

AGENDA 4.11: *Any other agenda with permission of the Chairman.*

Chairman BoS, opened the house for open discussion.

[a] It was proposed to remove the course names of open elective courses from the curriculum scheme of the programme since these courses may be subjected for frequent change/ revisions.

[b] Also, typographical error in the VIII semester curriculum scheme of Electrical Engineering programme were brought to the notice of BoS members and were put up for kind consideration and approval.

RESOLUTION 4.11: **BoS members considered the proposal for removal of names of open elective courses from the curriculum scheme, considered typographical error in VIII semester scheme and approved the correction for the same.**

The meeting ended with the formal vote of thanks by the Chairman BoS.

Dr. Pankaj B Thote
Chairman, BoS(EE)