

B.N.M. Institute of Technology

An Autonomous Institution under VTU, Approved by AICTE

Department of Electronics and Communication Engineering Minutes of the Meeting

Meeting Details	BOS Meeting
Date	24-05-2025
Time	10:30am to 1:30pm
Venue	N-401 (New Building Seminar Hall)

Members Present	<ol style="list-style-type: none">1. Dr. Yasha Jyothi M Shirur, Chairman, Professor & Head, Dept. of ECE, BNMIT, Bengaluru.2. Dr. Shivakumar Swamy, VTU Nominee (External), Prof. and Head, Dept. of ECE, JSSATE, Bengaluru.3. Dr. Balachandra Achar H. V. (External), Professor, Dept of ECE, Manipal Institute of Technology, Govindapura, Yelahanka, Bengaluru4. Dr. Vijaya Krishna, Subject Expert (External), Senior Architect, Bosch Global Software Ltd Adegodi, Bengaluru.5. Ms. Bindhu G (PG Alumnus), Lead Solution Engineer, CADENCE Design Systems6. Dr. Rekha P, Member Secretary, Professor, Dept. of ECE, BNMIT.7. Dr. Bindu S, Subject Expert, Professor, BNMIT, Bengaluru.8. Dr. Jyoti R. Munavalli, Subject Expert, Professor, Dept. of ECE, BNMIT.9. Dr. Subodh Kumar Panda, Professor, BNMIT10. Dr. N. Shesha Prasad, Subject Expert, Professor, Dept. of ECE, BNMIT – BoS of Humanities dept.11. Dr. Bhuvana Suganthi D, Subject Expert, Professor, BNMIT, Bengaluru.12. Dr. Ashwini S Savanth, Associate Professor, BNMIT, Bengaluru13. Dr. Sujaya B L., Associate Professor, BNMIT.14. Dr. Sunitha S. V., Associate Professor, BNMIT15. Dr. Priyadarshini K Desai, Associate Professor, BNMIT
Members Absent (Reasons)	<ol style="list-style-type: none">1. Dr. Suresh Sundaram, Subject Expert (External) Professor, Department of Aerospace Engineering, IISc, Bengaluru - Personal2. Dr. Manjunath V, (External) Senior Staff Engineer, Synopsys India Pvt. Ltd., Bengaluru – Personal3. Dr. Keerti Kulkarni, Subject Expert, Associate Professor, BNMIT, Bengaluru - Personal4. Dr. Smitha Gayatri D, Associate Professor, BNMIT, Bengaluru – Personal5. Dr. Lakshmi Bhaskar, Associate Professor, BNMIT – NPTEL Exam6. Dr. Namratha Nayak, One Undergraduate meritorious alumnus, Research Scholar, Indian Institute of Science, Bengaluru – Personal
Agenda	<ol style="list-style-type: none">1. Welcome Address and Introduction2. Presentation of Scheme and Syllabus of 7th and 8th Semester of 2022 scheme3. Presentation of Scheme and Syllabus of 5th and 8th Semester of 2023 scheme4. Presentation of Scheme and Syllabus of 3rd and 8th Semester of 2024 scheme5. Presentation of Scheme and Syllabus of 1st and 8th Semester of 2025 scheme6. Suggestions for proposed Vision Mission PEOs, PSOs7. Setting of UG syllabus at higher RBT and assessment procedures8. Any other suggestions to the department9. Concluding remarks by Member Secretary

Proceedings of the meeting

The fifth Board of Studies (BoS) meeting was held on 24/05/2025 in N-401, New Building Seminar Hall, BNMIT, Bengaluru. The meeting started at 10.30 am. Dr. Yasha Jyothi M Shirur, HoD of ECE, BoS Chairman (UG & PG) welcomed everyone to the meeting and introduced the BoS members. The meeting was held on offline mode. Dr. Yasha Jyothi M Shirur, Chairperson, Dr. Shivakumar Swamy, VTU Nominee, Dr. Balachandra Achar H. V., Dr. Vijaya Krishna, Ms. Bindhu G, PG Alumnus, Dr. Rekha P, Member Secretary of BoS, internal BoS Members and other faculty attended the meeting. The chairperson presented Scheme and Syllabus of Undergraduate 3rd to 8th Semester of 2022 scheme, Scheme and Syllabus of Undergraduate 3rd to 8th Semester of 2023 scheme, Scheme and Syllabus of Undergraduate 3rd and 8th Semester of 2024 scheme, Scheme and Syllabus of Undergraduate 1st to 8th Semester of 2025 scheme to the committee. The scheme framed is as per the VTU Regulations and AICTE Norms.

The list of subjects to be offered/taught from 3rd Semester to 8th Semester for schemes were presented. The chairperson informed the members about minor modifications in the syllabus of 2022, 2023, 2024 Schemes. A detailed discussion of 2025 the scheme and syllabus was done. The chair mentioned about the introduction of industry demanding course RTOS -QNX course, enhancement of security related content in the Computer Networks and Security Course and open elective course RTOS – QNX of 2023 Scheme followed by, more programs oriented content in ARM Microcontroller and its applications course of 2024 Scheme. All the BoS members gave the suggestions to make the curriculum better to meet the requirement of the industry and satisfy the societal needs. The changed structure of 2025 scheme was well appreciated by the BoS members. The member secretary noted down the suggestions given by the committee and provided the concluding remarks. Dr. Rekha P concluded the meeting and thanked all the BoS members. Few photographs/snapshots of the BoS meeting have been attached herewith. The attendance sheet of the BoS meeting is also enclosed herewith for your perusal.


Recommendations/Suggestions from the BOS Members

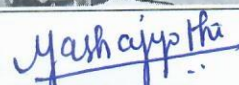
Dr. Shivakumar Swamy, VTU Nominee(External), Prof. and Head, Dept. of ECE, JSSATE, Bengaluru.	Recommendations/Suggestions from Dr. B. Sivakumar, VTU Nominee: <ol style="list-style-type: none"> 1. Include UHV, Social Connect and Responsibility, Indian Knowledge System into curriculum. 2. Introduce separate Lab for VLSI course. 3. Bring in Low power VLSI, Analog and Mixed mode course.
Dr. Balachandra Achar H. V., Expert (External), Professor, Dept of ECE, Manipal Institute of Technology, B'luru.	Recommendations/Suggestions from Dr. Balachandra Achar H. V., Expert (External): <ol style="list-style-type: none"> 1. Soft skill may be made as NMC. 2. Number of laboratory courses are more. Rethink, contact hours may be more for students. 3. DSP course needs a lab practice in 3rd sem in 2025 Scheme.
Dr. Vijaya Krishna, Co opted member & Subject Expert (External), Senior Architect, Bosch Global Software Ltd Adugodi, Bengaluru	Recommendations/ Suggestions from Dr. Vijaya Krishna, Subject Expert (External): <ol style="list-style-type: none"> 1. Cyber Security course should be offered to 2023, 2024 students also. 2. Basics of AI & ML should be introduced in 3rd sem, after that all other courses can use AI & ML in the course. Ex. AI driven Control System etc. 3. Programming courses can be conducted under skill development programs.
Ms. Bindhu G (PG Alumnus), Lead	Recommendations/ Suggestions from Dr. Vijaya Krishna, Subject Expert (External) <ol style="list-style-type: none"> 1. Curriculum may be pressurizing for students.

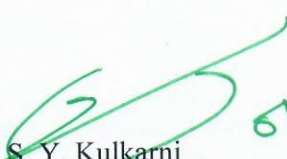
Solution Engineer, CADENCE Design Systems	2. Scripting languages like Perl etc. can be offered under skill development program.
Concluding Remarks by Member Secretary, Dr. Rekha P	Noted the suggestions and recommendation given by BOS Committee Members (both external and internal). Mentioned that suggestions will be incorporated into ECE autonomous curriculum to make it better to meet the requirements of the Industry and Societal needs.

Photographs / Snapshots during Fifth BoS Meeting held on 24-5-2025




Dr. Rekha P
Member Secretary


Dr. Yasha Jyothi M Shirur
HoD-ECE


Dr. S. Y. Kulkarni
Additional Director and Principal
BNMIT

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