

B.N.M. Institute of Technology
An Autonomous Institution under VTU, Approved by AICTE

Department of Electrical and Electronics Engineering

Minutes of Meeting (MoM)

Meeting Details: 26/09/2022

Date: 26/09/2022

Time: 9.30 AM -1.00PM

Venue: N401, Seminar Hall, New Building

Members Present	<ol style="list-style-type: none">1. Dr. R V Parimala, Chair, Professor & HoD, BNMIT2. Dr. S Sumathi, VTU Nominee, Professor & HoD, Department of EEE, RNSIT, Bengaluru.3. Dr. Narayan Swamy, Subject Expert (External), Professor, Department of EEE, Reva University4. Dr. K Panduranga Vittal, Subject Expert (External), Professor, Department of EEE, NITK, Surathkal5. Dr. N. Vasudev Industry Expert, Director, Manobhu Technology, Additional Director & Group Head (Retd), CPRI6. Mr. Anand kumar, Post graduate meritorious alumnus, Project Engineer, M/s. SUPIN Automation Pvt. Ltd. Bengaluru.7. Dr. K Venkatesha, Subject Expert, Professor, BNMIT8. Mr. A Kumar, Subject Expert, Associate Professor, BNMIT9. Dr. Priyashree S, Subject Expert, Associate Professor, BNMIT10. Dr. S Sudalai Shunmugam, Subject Expert, Associate Professor, BNMIT11. Dr. Madhu S, Subject Expert, Associate Professor, BNMIT12. Dr. Shubha Rao K, Member Secretary, Associate Professor, BNMIT
Members Absent (Reasons)	<ol style="list-style-type: none">1. Dr. Keshavan, Subject Expert (External) Professor & HoD, Department of EEE, Dean Academic, PES University2. Mr. Suraj S D, Industry Expert, Founder & CEO, Decibel Lab Pvt Ltd.
Agenda	<ol style="list-style-type: none">1. Welcome address2. Introduction3. Presentation of the schemes of 1st year electrical engineering and 3rd to 8th Semester courses4. Presentation of the syllabus of 1st year Electrical Engineering and 3rd to 4th semester courses.5. Any other suggestions for the curriculum of the department.6. Concluding remarks by member secretary

Proceedings of the meeting

The Second Board of Studies (BoS) meeting was held on 26/09/2022 at N401, New Building Seminar Hall. It started at 9.30 am with Dr. R V Parimala, Chair, BoS, welcoming everyone to the meeting and briefly introduced the members to each other. The meeting was held in blended mode. The Chairperson, Dr.S Sumathi, VTU Nominee, Dr. Narayan Swamy, Subject Expert, Dr. Vasudev N, Industry Expert joined the meeting in-person whereas, Dr. Panduranga Vittal, Subject Expert, and Mr. Anand Kumar, Post graduate meritorious alumnus joined through online. The chairperson Dr. R V Parimala presented Vision, Mission and PEOs of the Department of EEE.VTU Regulations regarding percentage coverage of various subject heads w.r.t to overall credit and subject wise distribution of credit under BNMIT Autonomous Scheme was explained. The first year and 3rd to 8th Semester scheme was presented and various aspects of schemes of 3rd to 8th sem were also explained. The syllabus of Basic Electrical and Electronics Engineering and Engineering Exploration Laboratory (EEL) was presented and few highlights of syllabus were mentioned. The list of experiments in Electrical & Electronics Lab were discussed. The members were informed about mini-project component in the laboratory

The syllabus of 3rd and 4th Semester courses were presented. The chairperson informed the members about the seven specialization streams (**Interface stream, Power engineering stream, General Electrical stream, AI & ML stream, Electric vehicle stream, Information Technology, Management stream**) for professional electives. The chair mentioned that a student can choose electives in a single stream to become proficient in that field.

Finally, the member secretary concluded the meeting and thanked the members for a fruitful discussion during meeting.

Recommendations/Suggestions from the BOS Members

Dr. S Sumathi, VTU Nominee, Professor & HoD, Department of EEE, RNSIT, Bengaluru	Recommendations/Suggestions from Dr. Sumathi, VTU Nominee	Action taken
	1. Suggested to include transient analysis and Laplace transform in module 4, three phase and two port in module 5.	Suggestion has been incorporated.
	2. Autotransformer to be included in module2 of Transformer and Induction Motor course	Suggestion has been incorporated.
	3. Suggested to rearrange the modules in Analog and Digital Electronics part.	Suggestion has been incorporated.
	4. Suggested not to mention IC numbers in Laboratory Experiments.	Suggestion will be considered for next academic year
	5. Suggested to rearrange the self-study part, Exclude Nyquist plot in control systems and include reverse Bode part.	Suggestion has been incorporated.

	6. Mason gain formula to be mentioned in module2 of control systems course. 7. Include modeling of armature and field-controlled DC motor in control systems	Suggestion has been incorporated. Suggestion has been incorporated.
Dr. K Panduranga Vittal, Subject Expert, Professor, Department of EEE, NITK, Surathkal	Recommendations/Suggestions from Dr. K Panduranga Vittal , Subject Expert 1. Suggested to have practical/Lab component in professional Elective Courses 2. The number of hours allotted for first module is less and credit allotted can be increased for Power generation, transmission and distribution is less. 3. HVDC, UVHV, EHV are mentioned in Course Objectives, but not included in syllabus. 4. SRM and Permanent magnet motors are need of the hour. Hence suggested to include in machines syllabus.	The suggestion will be considered in future academic years. The Recommendation will be considered in future academic years. The corrections have been done. These topics will be taught in Electric vehicles course.
Dr. Narayan Swamy Subject Expert. Professor, Department of EEE, Reva University	Recommendations/Suggestions from Dr. Narayan Swamy, Subject Expert 1. Number of hours allotted for power generation topic is very less. Recommended to include few concepts in power generation under self learning component. 2. In network analysis, the solving of differential equations by conventional method can be excluded 3. Suggested to remove design of motor part from machines courses and offer machine design as a professional elective course. 4. Suggested to include Series RL, RC and RLC circuits in Basic Electrical and Electronics Engg. Course.	The suggestion will be considered in future academic years. Suggestion has been incorporated. The suggestion will be considered in future academic years. Suggestion has been incorporated.
Dr. N. Vasudev Industry Expert,	Recommendations/Suggestions from Dr.N Vasudev, Industry Expert	

Director, Manobhu Technology, Additional Director & Group Head (Retd), CPRI	<ol style="list-style-type: none"> 1. HV Engineering Credit is not balanced 2. Suggested to recheck number of hours allotted for HVE 3. Lab for Electric vehicle needs to be introduced 4. ELCB and specification to be included in Electrical and Electronics Engg. Course. 	<p>The corrections have been done.</p> <p>The Recommendation will be considered in future academic years.</p> <p>Suggestion has been incorporated.</p>
Mr. Anand kumar, Post graduate meritorious alumnus Project Engineer, M/s. SUPIN Automation Pvt. Ltd., Bengaluru	Nil	Nil
Concluding Remarks by Member Secretary, Dr. Shubha Rao K	<ol style="list-style-type: none"> 1. The Member Secretary Dr. Shubha Rao K, expressed a deep sense of gratitude to Dr. R V Parimala, Chairperson for successfully presenting the Schemes and Syllabus. 2. Thanked the Members of BoS for their suggestions to improve the schemes and syllabus. 3. Summarized Suggestions/recommendations given the members. 	

Shubha
(Dr. Shubha Rao K)
Member Secretary

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