

B.N.M. Institute of Technology

An Autonomous Institution under VTU, Approved by AICTE

Department of Mechanical Engineering

Minutes of the Meeting

| Meeting Details | | Fifth BOS Meeting |
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| Date | : | 31-05.2025 |
| Time | : | 10.30 am to 1.30 pm. |
| Venue | : | Auditorium Building -A302, BNMIT |

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| Members Present | <ol style="list-style-type: none">1. Dr. B. S. Anil Kumar2. Dr. Satheesh J3. Dr. G Giridhar4. Dr. Chandrashekar A5. Mr. Mahadev Prasad6. Mr. Kashinath Patnashetty7. Mr. Agastya Om Kumar8. Mr. Amith Narayan H S9. Dr. D. Shivalingappa10. Dr. Raghavendra N.11. Dr. Harish A12. Dr. Mahendra Kumar C.13. Dr. P L Srinivas Murthy14. Mr. Balakrishana S S15. Smt. Shwethashree B.16. Mr. Bapu Gowda C. M.17. Mr. Vishnu P |
| Members Absent (Reasons) | Nil |
| Agenda | <ol style="list-style-type: none">1. Welcome address2. Read for the suggestion & approved to the previous meeting3. Presentation of scheme and syllabus of first to final semester Mechanical Engineering for 2025 batch4. Any other suggestions for the improvement. |

Proceedings of the meeting

- The scheme and syllabus of first to eighth semester of 2025 batch, were discussed at the Fifth Board of Studies (BOS) meeting for Mechanical Engineering on 31st May 2025 in Auditorium Building - A302.
- The member Secretary Dr. Raghavendra N, welcomed the participants and presented the agenda for their Suggestions.
- The HoD and Chairman of BOS Dr. B S Anil Kumar presented the overview of the department activities and facilities to the newly formed BOS members.
- Chairman of BOS Dr. B.S. Anil Kumar Presented the proposed scheme and syllabus of 2025 batch for suggestions and recommendations
- The following are the brief details of the meeting:

| Recommendations/ Suggestions from the BOS Members | | Action taken report (ATR) |
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| Dr. Satheesh J (VTU Nominee) | Has appreciated the revised 2025 syllabus for the I & II semesters offered by the Mechanical Engineering Department, particularly for the inclusion of topics relevant to advanced technologies. It is suggested to consider renaming the course titled "Basic Engineering Science" to better reflect the advanced content covered across all modules. | The course titled "Basic Engineering Science" will be renamed as "Advanced in Mechanical & Civil Engineering" or "Mechanical & Civil Engineering Technology", as it encompasses advanced topics in all modules relevant to both disciplines. This change aligns with the updated 2025 syllabus and reflects the department's focus on incorporating contemporary and emerging technologies |

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| | <p>It was suggested to include lab components for Drone Technology to provide hands-on experience and practical understanding. Additionally, it is recommended to offer this course in the 5th semester instead of the 4th semester as students would have already studied fundamental concepts related to Design, Modelling, and Finite Element Analysis (FEA) by then, enabling better comprehension and application of drone-related technologies.</p> | <p>The modification has been made as per the suggestion.</p> |
| <p>Dr. G Giridhar (Subject Expert from Outside University)</p> | <p>It was suggested to introduce the topic "Sensors and Actuators Used in Automobiles" in place of Numerical Problems in IC Engines, as it offers more practical and industry-relevant knowledge aligned with modern automotive technologies.</p> | <p>Automotive Electronics related topics like sensors and actuators applications are included as per suggestions.</p> |
| | <p>It was suggested to introduce digital tools that enhance efficiency, accuracy, and sustainability in civil engineering practices in place of the general topic "Civil Engineering Software" in Module 4. This change aims to provide students with a broader understanding of modern, technology-driven approaches used in the industry.</p> | <p>Modern Tools used in Civil engineering are to be introduced</p> |
| | <p>It was suggested to offer value-added courses as certificate programs to be conducted during the semester break, enabling students to gain additional skills beyond the regular curriculum.</p> | <p>The suggestion has been considered and will be implemented.</p> |

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| Dr. Chandra Shekar (Subject Expert from Outside University) | It was suggested to include domain-oriented modeling and drawing examples in Module 5 of the Engineering Graphics and Design course. Additionally, it was recommended to incorporate these topics into the SEA curriculum to enhance practical understanding. | The suggestion has been considered and will be implemented. |
| Mr. Kashinath Patnashetty (Industry Expert -1) | It was suggested to introduce the basics of New Product Development (NPD) and Product Life Cycle Management (PLM) in Module 1 of the Basic Engineering Science course to provide students with foundational knowledge of modern product design and management processes. | The basics of NPD and PLM have been introduced in Module 1 as per the suggestion. These topics will be taught through case study discussions and student presentations to encourage interactive learning. |
| | It was suggested to introduce the basics of Machine Foundations, Installation procedures, and associated challenges in Module 4 as part of the Civil Engineering segment within the Basic Engineering Science course. | Suggested topics will be discussed as Case study. |
| Mr. Mahadev Prasad (Industry Expert -II) | It was suggested to introduce Simple Assembly of Components in Module 5 of the Engineering Graphics and Design course. | The assembly of Bolt and Nut, Links, and Chain will be introduced as demonstrations in Module 5. |
| Concluding Remarks by Member Secretary | The outcome of the 5 th BOS in terms of suggestions and recommendations are listed and presented to the board at the end of the meeting. HoD Assured the board that all the recommendation will be considered for inclusion in the revised syllabus of 2025 scheme. The meeting concluded with Vote of Thanks. | |



Dr. Raghavendra, Member Secretary, warmly welcomes the esteemed members of the Board of Studies on 31st May 2025.



Dr. B.S. Anil Kumar, Chairman of the Board of Studies, delivers an insightful presentation on the scheme and syllabus for the 2025 batch.

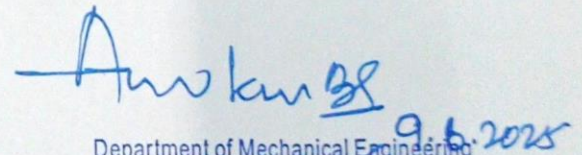
scheme and syllabus for the 2025 batch.



Esteemed External and Internal Board of Studies members of the Mechanical Engineering Department, captured during the culmination of the event on 31.5.2025

 09/06

Additional Director & Principal
BNM Institute of Technology
Bangalore-560 070

 9.6.2025

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