

**Marathwada Mitramandal's
College of Engineering, Pune
An Autonomous Institute**

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BOARD OF STUDIES MEETING

Department of Electronics & Telecommunication Engineering

Minutes of Meeting

Date- 09/01/2025, Time- 11:30 AM

Venue- Department Meeting Room (MB313)

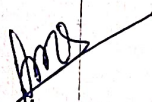
Item No. 01	Welcome address and opening remark by BoS Chairperson
Item No. 02	Approval of Second Year Syllabus for UG Program
Item No. 03	Approval of Second Year Syllabus for PG Program
	Any other point with the permission of Chairperson

List of Abbreviations

HSSM	Humanities, Social Sciences, and Management
AEC	Ability Enhancement Course
VEC	Value Education Course
MDM	Multidisciplinary Minor Course
PCC	Program Core Course
FP	Field Project
SEC	Skill Enhancement Course
CO	Course Outcome
BT	Bloom's Taxonomy

- Name of the course Digital System Designs is suggested to rename it as Digital Electronics.
- The 'Replace' word in COs should be replaced with either 'Explain' or 'Interpret'.
- There should be no short forms in CO statements.
- If 3 hours are assigned for lectures for a particular subject, then the total number of lectures assigned to a subject should be in multiple of 3. Typically, it should be 39 or 42.
- One turn of 2 hours will not be sufficient for the project work. more hours should be assigned for it.
- NPTEL courses should be added for all subjects.
- Suggestions on no. of sessions and credits:
 - Correlation between no. of sessions and credits must be mentioned.
 - There should be uniformity maintained throughout the syllabus.
- No. of weeks in a semester:
 - 1 hour lecture = 1 credit
 - 2 hours practical = 1 credit
 - Total no. of theory and practical should be decided by above relations.
- Suggestion for Analog Electronics course:
 - The BT levels should be in sequence according to chapters.
 - COs should be redefined.
 - Multiple COs can be mapped to the single unit.
 - Not necessary to stick to the unit wise CO scheme.
 - Title of each unit should be in accordance with the titles of chapters given in text/reference books.
 - In references, year of publication and the edition of the book should be clearly mentioned.
 - Correct action verbs should be used in List of Practicals. e.g. Instead of 'plot', use 'perform', 'test' should be replaced by 'determine', 'implement'.
- Suggestion for Signals & Systems course:
 - Sequence of units needs to change.
 - Different types of systems, characteristics of the system, how to represent the signal in time and frequency domain should come hand in hand.
 - Unit1- Introduction
 - Unit2- Fourier series
 - Unit5- Laplace transform can be retained while Z transform (ZT) should be removed to make the course comfortable for students otherwise it will be heavy to grasp. ZT can be part of the Digital Signal Processing (DSP) course.
 - Focus should be on Discrete Time Fourier Transform rather than Continuous Time Fourier Transform.
 - Depth of continuous time signals should be based on their use in real time and their requirements for DSP.
 - Suggested Textbook- Alan V. Oppenheim, Alan S. Willsky, S. Hamid, Signals and Systems, Prentice Hall
- Suggestion for Project Based Learning course:
 - Problem statements of different Hackathons can be floated to students.
 - Faculty can also give problem statements.

- Use proper verbs in CO statements e.g. Identify.
- Add NPTEL course in the online references.
- Suggestion for Data Structures & Algorithms course:
 - Pedagogy should be added.
 - Students' work should be on the github repository.
- Suggestion for Integrated Circuits course:
 - Simulation can be added along with implementation in the practicals.
- Suggestion for Entrepreneurship Skills Development course:
 - For CO1, Define the e-concepts of entrepreneurship.
 - The tutorials no. 4,5 and 7 can be linked by statements. Give separate statements for each tutorial. avoid writing- as per tut no. 7.
 - Instead of using the word 'explore', use the word 'survey'.
- Suggestion for 8051 Microcontroller and Interfacing course:
 - Total no. of hours assigned to the course should be 42 Hours.
 - Replace the word 'understand' in COs.
- Suggestion for Introduction to Microcontrollers course:
 - Instead of only 3 hours lectures in the teaching scheme, focus should be on hands-on.
- Suggestion for Introduction to Microcontrollers course:
 - Lab assignments of 32 hours
 - PBL of 28 hours
 - Problem statements can be collected from industry.
- Suggestion for Principles of Communication Systems course:
 - CO3 should be rewritten as Compare FM with AM


BOS Chairperson
Dr. Anjali Bhatlawande