

INSTITUTE OF ENGINEERING & MANAGEMENT

(An Autonomous Institution, Affiliated to MAKAUT)
Salt Lake Electronics Complex, Kolkata 700091
West Bengal, India

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



10th BOARD OF STUDIES MEETING – AGENDA

PERIOD

July 2024

Venue: Online Platform

Meeting Link: <https://meet.google.com/gku-xbqc-gzk>

Department of Electrical & Electronics Engineering
Institute of Engineering & Management
(An Autonomous Institution, Affiliated to MAKAUT, West Bengal)
www.iemcal.com

10th Board of studies Meeting in the Department of
Electrical & Electronics Engineering

Date & Time: **3rd July (Wednesday), 2024 at 12.00 PM**

Agenda

BoS/EEE/AP 10.1	Welcome address and Opening Remarks by Chairman, Board of studies in the department of Electrical & Electronics Engineering.
BoS/EEE/AP 10.2	To discuss and get approval of the detail syllabus of 3rd semester for the batch 2023 – 2027 and 5 th semester for the batch 2022 - 2026 which is to be followed in the academic year 2024-2025.
BoS/EEE/AP 10.3	To discuss on the Robotics (Minor Course) offered by the department from the batch 2023 – 2027.
BoS/EEE/AP 10.4	To review and suggest improvements for different practices to enhance employability, skill enrichment and quality of student projects along with student participation.
BoS/EEE/AP 10.5	Any other relevant point mentioned during the meeting with the permission of Chairman.

Chairman, Board of Studies

3rd July, 2024

Sub: Minutes of the 10th Meeting of the Board of Studies in the Electrical and Electronics Engineering Department.

Dear Sir/Madam,

Kindly find attached herewith the Minutes of the 10th Meeting of Board of Studies of the Electrical and Electronics Engineering of the Institute of Engineering & Management, Kolkata - 700091, held on **3rd July, 2024** from **12 PM** at IEM, Management House, D -1, Street Number 13, EP Block, Sector V, Bidhannagar, Kolkata, West Bengal 700091 in hybrid mode.

Venue: Online Platform,
Google Hangout Meeting

Link: <https://meet.google.com/gku-xbqc-gzk>

It is requested that comments on the Minutes, if any, may please be sent by email at rajatsubhra.pal@iem.edu.in, at the earliest. If no comments are received, within ten days, the Minutes shall be considered as confirmed. With Kind Regards,

Yours Sincerely,

Prof. Rajat Shubhra Pal

MINUTES

Sl No.	Name of the Faculty	Designation	Responsibility
1.	Prof Rajat Shubhra Pal	Head of the Department, EEE	Chairman
2.	Prof. Dr. Arun Kumar Bar	Principal, IEM, Kolkata	Member
3.	Prof. Dr. Madhubanti Maitra	Professor, Dept of EE, JU (Academic Expert)	Member
4.	Prof. Dr. Abhinandan De,	Associate Professor, Dept of EE, IEST, Shibpur (Academic Expert)	Member
5.	Prof. Amitabha Sinha	Professor, Department of Microelectronics and VLSI Technology, MAKAUT (University Nominee)	Member
6.	Mr. Sankar Nath Mukhopadhyay,	Head, Asia Institute of Power management, CESC limited. (Industry Expert)	Member
7.	Prof. Subhajit Kar	Associate Professor & Head, Department of EE, IEM	Member
8.	Prof. Dr. Swati Chowdhuri,	Associate Professor. Department of EEE, IEM	Member
9.	Prof. Dr. Arpita Mandal	Associate Professor. Department of EEE, IEM	
10.	Prof. Tapas Kumar Datta	Professor. Department of EE, IEM	Member
11.	Prof. Somnath Hazra	Assistant Professor. Department of EEE, IEM	Member
12.	Prof. Arijita Das	Assistant Professor, Department of EEE, IEM	Member
13.	Prof. Nirban Chakraborty	Assistant Professor, Department of EEE, IEM	Member
14.	Prof. Neeta Sahay	Assistant Professor, Department of EEE, IEM	Member
15.	Prof. Pratik De Sarkar	Assistant Professor, Department of EEE, IEM	Member
16.	Prof. Suman Sarkar	Assistant Professor, Department of EEE, IEM	Member

2. The following members could not attend the meeting due to their prior commitments and unavoidable reasons and they were granted leave of absence.

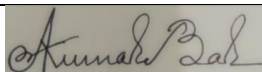
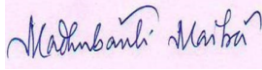
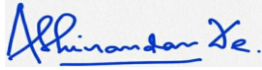


Sl No.	Name of the Faculty	Designation	Responsibility
1.	Prof. Dr. Mrinal Kanti Naskar	Professor, Dept of ETCE, JU (Academic Expert)	Member
2.	Sayed Fahim Karim,	Alumni Member (EEE, Batch 2016-2020)	Alumni Member
3.	Prof(Dr) Debika Bhattacharya	Dean (Academic) & Controller of Examinations	Member
4.	Prof. Dr. Mohuya Chakraborty	Dean (HR), Professor & Head, Dept of CSE, IEM	Member
5.	Prof. Dr. Malay Gangopadhyay	Professor & Head, Department of ECE, IEM	Member

Suggestions Given by the Members:

1. Laplace Transform and Fourier Transform are repetitive in the subjects Electric Circuit Theory and Signals & Systems. Can be removed from Electric Circuit Theory.
2. In the COs of Analog Electronics Circuits operations using Op Amp should be included.
3. In the reference books of Analog Electronics Circuits subject, the book named ANALOG ELECTRONICS by Balwinder Singh, Ashish Dixit should be included.
4. In the subject Electromagnetic Field Theory the topic Applications of Electromagnetic Field Theory should be included as a module.
5. In the reference books of Electromagnetic Field Theory subject, the book named Electromagnetic Waves And Radiating Systems by Edward C Jordan, Keith G. Balmain, 2nd Edition, Prentice-Hall of India Pvt.Ltd should be included.
6. One lecture on conversion of continuous signal to discrete signal can be added in the subject Signal & Systems.
7. The statement of CO4 of the subject Signal & Systems should be properly written.
8. In the reference books of Signal & Systems subject, the book named Network Analysis by Valkenburg M.E. Van by Pearson Education India publisher, 3rd edition should be included.

9. In the reference books of Signal & Systems subject, the book named Network Analysis by Valkenburg M.E. Van by Pearson Education India publisher, 3rd edition should be included.
10. Hardware oriented experiments are to be included in the syllabus of Circuit Theory Laboratory.
11. Realization of integrator and differentiator using Op Amp is to be included in the syllabus of Analog Electronics Circuit Laboratory.
12. The topic “Interactions between Low voltage and High voltage” should be included in the subject Power Electronics.
13. Instead of separate sequential and combinational circuits, design of sequential circuits using CMOS can be written in module 3 of the subject CMOS Design.
14. In the reference books of CMOS Design subject, the book named MICROELECTRONIC CIRCUITS by Adel S. Sedra and Kenneth C. Smith, New York Oxford University Press 2004 publisher, 5th edition should be included.
15. The content of Module 5 of the subject Renewable & non-conventional Energy should be minimized.
16. In the solar energy module of the subject Renewable & non-conventional Energy the topics “Maximum Power Point and Maximum Power Point Tracking, Protection of Solar systems” should be included.
17. Hardware oriented experiments are to be included in the syllabus of CMOS Design Laboratory.
18. The statement of Experiment no. 6 of the subject CMOS Design should be properly written

Chairman, Board of Studies

Sl No.	Name of the Faculty	Designation	Signature
1.	Prof Rajat Shubhra Pal	Head of the Department, EEE	
2.	Prof. Dr. Arun Kumar Bar	Principal, IEM, Kolkata	
3.	Prof. Dr. Madhubanti Maitra	Professor, Dept of EE, JU (Academic Expert)	
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13.	Prof. Neeta Sahay	Assistant Professor, Department of EEE, IEM	
14.	Prof. Pratik De Sarkar	Assistant Professor, Department of EEE, IEM	
15.	Prof. Suman Sarkar	Assistant Professor, Department of EEE, IEM	