



**University of Engineering and Management
Institute of Engineering & Management, Salt Lake Campus**

DEPARTMENT OF ELECTRICAL ENGINEERING

10th BOARD OF STUDIES MEETING – MINUTES

PERIOD
July 2024

Venue: Online Platform

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

DEPARTMENT OF ELECTRICAL ENGINEERING

DATE: 03-07-2024

SUBJECT: Meeting of Ninth Board of Studies of U.G. Electrical Engineering program under Autonomous status of IEM.

The meeting of Board of Studies – IEM / EE, is hereby convened on 03-07-2024 at 11-00 AM in online mode with link <https://meet.google.com/gku-xbqc-gzk> to discuss and decide as per the following agenda:

1. Review of the suggestions of the experts put forward in last BOS.
2. Discussion in detail of the proposed syllabus of 3rd year, 5th semester for the batch 2022-26.
3. Discussion about the inclusion of Minor Degree course on Robotics in the curriculum.
4. Any other point as approved by the Chairman.

All members are requested to attend and actively participate in the meeting.



DR. SUBHAJIT KAR
HEAD OF THE DEPARTMENT & CHAIRMAN/BOS
ELECTRICAL ENGINEERING DEPRATMENT
INSTITUTE OF ENGINEERING & MANAGEMENT
SALT LAKE, SECTOR V, KOLKATA-700091

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

Venue: Online mode with meeting link <https://meet.google.com/gku-xbqc-gzk>

Date & Time: 03rd July (Thursday), 2024 at 11-00am

MINUTES OF 10th BOARD OF STUDIES MEETING OF EE PROGRAM OF INSTITUTE OF ENGINEERING & MANAGEMENT HELD ON 03-017-2024 at 11-00 AM.

Ref. Notice of 10th BOS meeting dated 06-06-2024

Attendance of the members present in the 10th BOS meeting is appended in these minutes as annexure. Following points were discussed in seriatim as per the agenda points:

1. Review of the suggestions of the experts put forward in last BOS

Few suggestion regarding the modifications of syllabus of 2nd year,4th semester for the batch 2022-26 and the 3rd year 6th semester elective subjects syllabus were put forward by the industry and academia experts in the 9th BOS along with the report of initiation of two new laboratories sed in the sixth semester namely Wind and Solar Power Energy lab and DSP lab. These suggestions have been incorporated and put forward as the first agenda in the 10th BOS.

2. Discussion in detail of the proposed syllabus of 3rd year, 5th semester for the batch 2022-26

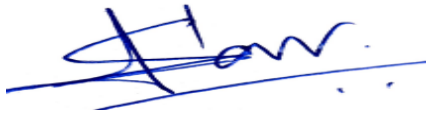
It was noted that while the current syllabi align with AICTE's model syllabi, a comprehensive review by distinguished experts of 10th BOS led to the following suggestions.

- Inclusion of short pitch coil and fractional pitch coil along with full pitch coil in Module I in Electrical Machine II syllabus.
- Segregation of Module II into two separate modules, focusing on cabling and transmission lines respectively in the syllabus of Power System-I.
- Exclusion of transformer and machine part from Module II of the Power system-I syllabus.
- In the syllabus of Power system-I, concept on power distribution, including the process of earthing should be emphasized.
- In the syllabus of Control Systems, proposal for the inclusion of "Introduction to discrete control system".
- Rearrangement of the modules according to their conceptual priority in the Control System syllabus has been suggested by the esteemed experts.
- Experts advised to consider Discrete Control System-related experiments in the Control System Lab syllabus.
- A replacement of the optional elective subject of Electromagnetic Wave has been proposed with "Introduction to Soft Computing (AI/ML)".

3. Discussion about the inclusion of Minor Degree course on Robotics in the curriculum.

Discussion has taken place in the 10th BOS meeting about incorporating a Minor Degree course on Robotics into the Electrical Engineering curriculum, as per the updated proposal from AICTE. The committee considered the relevance of Robotics in the current industry landscape. It was decided to proceed with the inclusion to enhance the students' skills and employability.

- The 10th BOS meeting deliberated on adding a Minor Degree course in Robotics to the B.Tech. Electrical Engineering curriculum, aligning with the latest AICTE recommendations.
- Recognizing the growing importance of Robotics in industry, the committee agreed to include the course to improve students' expertise and job prospects, with plans to integrate it into the next academic session.



(DR. SUBHAJIT KAR)
HOD/EE
CHAIRMAN/BOS

03-07-2024

List of BOS members of Electrical Engineering Department

Sl No.	Name of the Faculty	Designation	Responsibility
1.	DR. SUBHAJIT KAR	ASSOCIATE PROFESSOR & HEAD OF THE DEPARTMENT, IEM, SALLAKE CAMPUS	CHAIRMAN
2.	DR. ARUN KUMAR BAR	PRINCIPAL IEM, SALLAKE CAMPUS	MEMBER
3.	PROF. DR. MALAY GANGOPADHYAY	DEAN (ACADEMICS), IEM, SALLAKE CAMPUS	MEMBER
4.	DR AMITABHA SINHA	PROFESSOR, DEPARTMENT OF MICROELECTRONICS AND VLSI TECHNOLOGY, MAKAUT	EXTERNAL MEMBER
5.	PROF. DR. ABHINANDAN DE	ASSOCIATE PROFESSOR, DEPT OF EE, IEST, SHIBPUR	EXTERNAL MEMBER
6.	PROF. DR. MADHUBANTI MAITRA	PROFESSOR, DEPT OF EE, JU	EXTERNAL MEMBER
7.	MR. SANKAR NATH MUKHOPADHYAY	HEAD, ASIA INSTITUTE OF POWER MANAGEMENT, CESC LIMITED	EXTERNAL MEMBER
8.	BIKRAM KUMAR SAMANTA	RESEARCH SCHOLAR, IIT KHARAGPUR	ALUMNI MEMBER
9.	PROF. (DR) SANJAY BHADRA	HEAD OF THE DEPARTMENT ELECTRICAL ENGINEERING, IEM NEWTOWN CAMPUS	MEMBER
10.	DR. SANJOY MONDAL	ASSOCIATE PROFESSOR, IEM, SALLAKE CAMPUS	MEMBER
11.	DR. MADHUMITA PAL	PROFESSOR, IEM, SALLAKE CAMPUS	MEMBER
12.	TAPAS KUMAR DATTA	ASSISTANT PROFESSOR, IEM, SALLAKE CAMPUS	MEMBER

13.	SOMNATH HAZRA	ASSISTANT PROFESSOR & ASSISTANT HOD, IEM, SALLAKE CAMPUS	MEMBER
14.	RAJAT SUBHRA PAL	ASSISTANT PROFESSOR & HOD, EEE DEPT, IEM, SALLAKE CAMPUS	MEMBER
15.	RANJITA CHOWDHURY	ASSISTANT PROFESSOR, IEM, SALLAKE CAMPUS	MEMBER
16.	ANKIT RAY GHATAK	ASSISTANT PROFESSOR, IEM, SALLAKE CAMPUS	MEMBER
17.	SAHITYA ROY	ASSISTANT PROFESSOR, IEM, SALLAKE CAMPUS	MEMBER
18.	DEBASHIS JANA	ASSISTANT PROFESSOR, IEM, SALLAKE CAMPUS	MEMBER
19.	NIRBAN KUMAR SAHA	ASSISTANT PROFESSOR, IEM, SALLAKE CAMPUS	MEMBER
20.	DR. MANDAKINEE BANDOPADHYAY	ASSOCIATE PROFESSOR, IEM, SALLAKE CAMPUS	MEMBER
21.	PROF. SOURAV DAS	ASSISTANT PROFESSOR, IEM, SALLAKE CAMPUS	MEMBER
22.	PROF. BED PRAKASH DAS	ASSISTANT PROFESSOR, IEM, SALLAKE CAMPUS	MEMBER