



## Meeting Details: Dean (Academics) Office

University of Engineering & Management, Kolkata

**Academic Year 2025-26**

**Meeting Date: 14/10/2025**

**Venue: Board Room, Gurukul Campus**

**Members Attended:**

**Chairman:** Dr. Malay Gangopadhyay, Dean (Academics)

- Head of the Departments
- Assistant Head of the Departments
- Principal

### ➤ **Meeting Agenda:**

- Policy augmentation and curriculum standardization for Minor Degree Program
- Finalizing minor degree specialisations: The following minor courses will be offered to students from the 2025-26 session:

- ❖ PEGA
- ❖ Cybersecurity
- ❖ Data Analytics
- ❖ Quantum Computing
- ❖ Internet of Things (IoT)
- ❖ Entrepreneurship
- ❖ VLSI Design & Technology
- ❖ Advanced Web Development
- ❖ Wireless Sensor Networks
- ❖ Satellite Communication Systems
- ❖ Artificial Intelligence and Machine Learning
- ❖ Sustainable Energy
- ❖ Robotics
- ❖ Computational Fluid Dynamics (CFD)
- ❖ Additive Manufacturing (3D Printing)
- ❖ Astronomy
- ❖ Data Science

- ❖ Enterprise Resource Planning
- ❖ Six Sigma Certification
- ❖ Supply Chain and Logistics Analytics
- ❖ Universal Human Values
- ❖ Engineering & Technology (Flipbook)
- ❖ Engineering & Technology
- ❖ Space Technology
- ❖ Indian Knowledge System
- ❖ Defence Technology
- ❖ Cloud Computing and Virtualization
- ❖ Financial Technology (FinTech)
- ❖ Biomedical Instrumentation
- ❖ Geographic Information Systems (GIS)
- ❖ Cognitive Science and Human-Computer Interaction (HCI)
- ❖ Design Thinking and Innovation
- ❖ Green Technology and Environmental Engineering
- ❖ Game Development and Design
- ❖ Image Processing and Computer Vision
- ❖ Digital Signal Processing (DSP)
- ❖ Nanotechnology and Materials Science
- ❖ Technical Writing and Documentation
- ❖ Operations Research and Optimization
- ❖ Automotive Electronics and E-Mobility
- ❖ Project Management (PMP aligned)

- Coordination Committee: A committee will be formed to prepare the course curriculum and online course links for the different minor courses. There will be no department centric approach for offering the minor degree specialisations. There will be a central repository of courses. Students may select from the repository (to be put up in the website) and inform the department about their selection. Departmental SPOC will track the minors taken by each student and upload the marks in iemcrp.
- Course Curriculum: The course curriculum will be as per AICTE guidelines, including three Coursera/offline theory courses and two NPTEL courses. These NPTEL courses can be counted for obtaining the Honours degree also.
- Assessment: No offline examination will be taken by the department.
- Eligibility: One student can take multiple minor degrees in the above specializations.

## ➤ Minutes of Meeting (MoM):

- **Finalization of Minor Degree Specializations** The committee finalized a comprehensive list of 41 minor degree specializations to be offered to students starting from the **2025-26 academic session**. The approved tracks span emerging technologies, core engineering advancements, management, and holistic education. *(The full list of 41 courses is maintained in the central repository).*
- **Decentralized Selection & Centralized Repository** It was strictly resolved that a **non-department-centric approach** will be followed. A central repository of all courses will be published on the institutional website. Students are free to select their preferred minor from this repository and must intimate their respective departments regarding their choice.
- **Implementation of Coordination Committee & Tracking** A dedicated Coordination Committee will be established to oversee curriculum preparation and compile online course links. Departmental **Single Points of Contact (SPOCs)** will be responsible for tracking individual student progress and uploading final marks into the `iemcrp` portal.
- **Curriculum Structure & AICTE Compliance** The curriculum will strictly align with AICTE guidelines. The credit structure for each minor specialization will comprise:
  - **Three (3) Coursera / Offline Theory Courses**
  - **Two (2) NPTEL Courses** (Note: These NPTEL courses are dual-purpose and can also be counted toward obtaining an Honours degree).
- **Assessment Policy** To streamline operations, **no offline examinations** will be conducted by the individual departments for these minor courses. Assessments will rely on the respective online/offline course evaluation metrics.
- **Eligibility** To promote interdisciplinary learning, students are permitted to opt for and complete **multiple minor degrees** from the approved specializations.

➤ **Action Taken Report (ATR):**

S.No	Agenda / Resolution	Action Required	Responsibility
1	<b>Committee Formation</b>	Form the Central Coordination Committee to standardize curriculum and links.	Academic Head / Management
2	<b>Central Repository &amp; Web Upload</b>	Upload the finalized list of 41 minor specializations and their respective course links to the official website.	Coordination Committee / IT Cell
3	<b>SPOC Appointment</b>	Appoint Departmental SPOCs to manage student tracking and coordinate with the central repository.	Head of Departments (HoDs)
4	<b>Curriculum Alignment</b>	Verify that all 41 courses strictly meet the AICTE framework (3 Coursera/offline + 2 NPTEL courses).	Coordination Committee
5	<b>System Integration (iemcrp)</b>	Map the minor degree grading and tracking modules within the iemcrp portal for SPOC usage.	ERP / IT Portal Team
6	<b>Student Notification &amp; Advisory</b>	Issue an official circular to students regarding the policy changes, multiple-minor eligibility, and credit mapping for Honours degrees.	Academic Cell / HoDs



**Dr. Malay Gangopadhyay**  
 Dean (Academics)  
 Institute of Engineering & Management  
 Saltlake Campus

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**Dr. Malay Gangopadhyay, Dean (Academics)**