



# The National Institute of Engineering

Mysuru – 570 008

## Office of Dean (Academic Affairs)

No: NIE/Dean (AA)-102/2024-25/Odd/16

Date: 13.01.2025

### CIRCULAR

**Kind attention: Students of current V semester B.E. (2022 scheme)**

**Sub: Reg. Registration of Open Elective for B.E. VI semester (AY 2024-25)**

Ref: No: NIE/Dean (AA)-102/2024-25/Odd/15 Date: 06.01.2025.

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As per the curriculum, an Open Elective Course is offered to the students of B.E. (2022 scheme) at VI semester level. The link for the registration of Open Elective is given below.

#### Registration Link

<http://parents.nie.ac.in/>

**During registration the students are hereby informed to follow the instructions:**

- **No multiple entry is permitted.**
- **There is no provision to change the Open Elective once opted.**
- The students can opt for **any one Open Elective course offered by other department except their own/ allied department** (e.g., Students of Civil Engineering Department have to choose an Open Elective offered by any department other than Civil Engineering).
- **Students should not opt for an open elective if, the student has studied the same course during the previous semesters of the programme or the syllabus content of Open Elective is similar to that of the Departmental Core Courses or professional Electives/ MOOC Elective/ a similar course, under any category prescribed in the higher semesters of the programme.**
- The **maximum** number of students for an Open Elective Course will vary from department to department. **Once the maximum limit is reached for a particular Open Elective no further registration is possible, hence the student shall choose another Open Elective course.**
- The **minimum** number of students for each course shall be **30**. **If an open elective course has less than 30 intake, then such courses will not be offered and those students will be shifted to the other course based on the availability.**
- **The last date for the registration of Open Elective Course is 17.01.2025, 02.00 P.M.** No registration is permitted after 17.01.2025 under any circumstances.

**Note:**

1. **The link is open on the basis of “First come, first served”.**
2. If any student does not follow the above guidelines, their choice will be rejected and electives for such case will be allotted at the discretion of the Office of Dean (Academic Affairs).



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### List of Open Elective Courses – VI Semester B.E. (2022 Scheme) Academic Year – 2024-25

Sl. No.	Course Code	Title of Open Elective	Offering Department
1.	BCV654B	Satellite Sensing and GIS	Civil Engineering
2.	BCV654C	Integrated Waste Management for a Smart City	
3.	BCV654D	Sustainable Development Goals	
4.	BCV654E	Disaster Management and Mitigation	
5.	BME654A	Introduction to Hybrid and Electric Vehicles	Mechanical Engineering
6.	BME654C	Introduction to Additive Manufacturing	
7.	BME654D	Product Design and Development	
8.	BME654E	Project Management	
9.	BME654F	Introduction to Mechatronics	
10.	BME654G	Engineering Computation using MATLAB	
11.	BME654H	Microgrids	Electronics & Communication Engineering
12.	BEC654B	Vehicular Electronics	
13.	BEC654C	Multicore Systems and Programming	
14.	BEC654D	Introduction to VLSI	
15.	BEC654E	Introduction to Radar systems for Autonomous driving	Electrical & Electronics Engineering
16.	BEE654A	Sensors and Signal Conditioning	
17.	BEE654B	Introduction to Electric Vehicle Technology	Computer Science & Engineering
18.	BCS654A	Introduction to Java Programming	
19.	BCS654B	Introduction to Web Technologies	
20.	BCS654F	Introduction to Blockchain Technology	Computer Science & Engineering (AI&ML)
21.	BCI654A	Introduction to Data Structures	
22.	BCI654D	Introduction to AI	Information Science & Engineering
23.	BIS654B	Fundamentals of Operating Systems	
24.	BPH654A	Materials for Engineering Applications-1	Physics
25.	BPH654B	Quantum Computing	
26.	BMA654A	Finite Fields and Their Applications	Mathematics
27.	BMA654B	Complex Analysis	

  
Dean (AA)

#### Copy to:

1. The Principal/ Vice Principal – for information
2. COE/ SDSC/ Head-IQAC – for information
3. HoDs of CIV / MEC / EEE / ECE / CSE / CSE (AIML)/ ISE / Time Table Committee Chairman