



Office of the Dean Academic

Indian Institute of Engineering Science and Technology, Shibpur

(Formerly Bengal Engineering & Science University, Shibpur)

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No. 305/ACAD/2024

Date: November 13, 2024

NOTICE

The first-year postgraduate students are advised to submit the choices for Second Semester Open Elective subjects through the following Google Form Link by December 02, 2024.

<https://docs.google.com/forms/d/e/1FAIpQLScV2yFGYMoNzReTTDYKdq3xveparb6W-3MSeCb5A-U0mRacbQ/viewform>



The list of subjects is given below.

Sl. No.	Subject	Code	Offered by
1	CAD Algorithms for VLSI	IT5261	Information Technology
2	Principle of Detectors and Data Acquisition Systems for Radiation Detection	PH5261	Physics
3	Optoelectronics and Photonics	ET5261	Electronics and Telecommunication Engineering
4	Nanotechnology in medicine and biology	HC5263	Centre of Healthcare Science and Technology
5	Biotechniques for industrial applications	HC5264	Centre of Healthcare Science and Technology
6	Artificial Intelligence for Robotics	MC5262	School of Mechatronics & Robotics
7	Free Surface Flow	AM5263	Aerospace Engineering and Applied Mechanics
8	Spectroscopy for Chemical Analysis	CH5261	Chemistry
9	Natural resources and Energy	ES5262	Earth Science
10	Numerical Solutions for ODEs and PDEs	MA5261	Mathematics
11	Power Supplies for Electrical Equipment*	EE5262	Electrical Engineering
12	Econometrics for Engineers	HU5265	Humanities and Social Sciences
13	Waste Management and Circular Economy	CE5264	Civil Engineering
14	Nanostructures and Nanomaterials	MM5261	Metallurgy and Materials Engineering
15	Biomedical Materials and Devices	MM5262	Metallurgy and Materials Engineering
16	Industrial Robotics	ME5261	Mechanical Engineering
17	FPGA System Design	VL5262	School of VLSI Technology

18	Computer Control of Industrial Process	CS5264	Computer Science and Technology
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*Prerequisite: courses on (i) Basic EE and (ii) Basic Electronics

The maximum number of students to be allotted in a subject is 30.

This is issued with the concurrence of the Dean (Academic).

Sd/-
Dr. Nirmalya Kumar Bhattacharyya
Joint Registrar (Academic)

No. 305/ACAD/1(06)/2024

Date: November 13, 2024

Copy forwarded for information and necessary action to:

1. All Heads of the Departments/Schools/Centers
2. The Chairman-SPGC
3. The PIC(Examinations)
4. The Student Senate
5. The Academic Section-File
6. Institute Website



Joint Registrar (Academic)
IEST, Shibpur