

OPEN ELECTIVE LIST FOR UG and PG (SPRING 2026)

UG Open Elective - I IV Semester

Sr. No.	Course Code	Course Name	Intake Capping	Room No.	Name of the Faculty
1	CL24231	Energy Engineering	30	R1 (Pharmacy Building)	Dr. G. T. Mohanraj & Dr. C. Sarkar
2	EE24259	Signals and Systems	60	233	Dr. P.K. Upadhyay
3	BE24261	Fundamentals of Bioinformatics	30	BT111	Dr Alok Jain
4	BE24262	Techniques in Pharmaceutical Biotechnology	30	BT112	Dr Ramesh Chandra
5	CS24201	Data Structure and Algorithms	60	214	
6	CS24205	Computer Organization and Architecture	60	216A	
7	EC24259	Sensors and Transducers	60	231	
8	EC24261	Digital Computer Electronics	60	233A	
9	EC24263	Introduction to VLSI Design	60	237	
10	ME24223	Smart and New Materials	60	202	Dr. Kaushik Kumar
11	HS24405	German-I	60	205	Dr. Shailendra Singh
12	HS24401	French-I	60	234	Dr. Dharmendra Chand
13	HS24105	Introduction to Philosophy: Reasoning About Reality, Knowledge, and Values	60	215	Dr. Ankur Ranjan
14	GI501	Principles of Remote Sensing	25	DRS-2	Dr. Mili Ghosh and Dr. Richa Sharma

UG Open Elective - III VI Semester

Sr. No.	Course Code	Course Name	Intake Capping	Room No.	Name of the Faculty
1	CL357	Nanotechnology	30	R1 (Pharmacy Building)	Dr. I. Sengupta & Dr. Aparna
2	EE459	Introduction to Power Electronics	60	233	Dr. Shiva Kumar
3	BE316	Bioinformatics Algorithms	30	BT111	Dr Koel Mukherjee
4	BE318	Bioenergy and Biofuels	30	BT112	Dr Shashwati Ghosh Sachan
5	CS363	Artificial Intelligence Fundamentals	60	214	
6	EC361	Introduction to MEMS	60	231	
7	EC379	Measurement & Instrumentation	60	216A	
8	CE429	Disaster Management	60	205	Dr. Sukalyan Chakraborty & Dr. R. Naresh Kumar
9	ME391	Elements of Nuclear and Diesel Power Plant	60	ToM Lab.	Dr. Ritwik Maiti
10	PE309	Project Management	60	232	Dr. Randhir Kumar
11	HS407	German-II	60	202 /205	Dr. Shailendra Singh
12	HS403	French-II	60	215	Dr. Dharmendra Chand
13	MA308	Difference Equations	30	204	Dr.P.S.Majee
14	MA524	Advanced Mathematical Techniques	30	206	Dr.Koushik Garain
15	AR502	Human Settlement Planning	30	262B	Dr. Satyaki Sarkar
16	HS24106	Introduction to Sociology	60	234	

PG Open Elective

Sr. No.	Course Code	Course Name	Intake Capping	Room No.	Name of the Faculty
1	BT427	Biomedical Equipment & Devices	20	BT113	Dr Rakesh Kumar Sinha
2	BT428	Concepts in Nanobiotechnology	20	BT114	Dr. Sneha Singh
3	EC599	Sensors and Actuators	15	217A	
4	EC598	Overview of Mobile Communications	15	218A	
5	EC597	Fundamentals of Microwaves	15	G-4 (R&D)	
6	CE578	Waste Management	60	209	Dr. Neeta Kumari
7	EE587	Electromechanical Energy Conversion	30	G-1 (R&D)	Mr. B. M Prasad
8	AR 655	Regional and Rural Planning	30	RS Deptt.	Ms. Anjali Pathak (RS Deptt. only)
9	GI509R1	Digital Satellite Image Processing	25	DRS-1	Dr. Kirti Avishek and Dr. Richa Sharma