

OPEN ELECTIVE LIST FOR UG and PG (MONSOON/2025)

UG

Open Elective - II

V Semester

Sr.No	Code	Course	Intake capping	Room No.	Name of the Faculty
1	HS401	French -I	30	201	Dr. Dharmendra Chand
2	HS405	German-I	30	213	Dr. Shailendra Singh
3	ME393	Elements of Hydel and Thermal Power Plant	30	202	Dr. A. K. Roy
4	PE309	Project Management	60	234	Dr. Randhir Kumar
5	EC321	Introduction to Communication System	30	231	Dr. S. K. Dash
6	CS361	Data Base Management System	60	214	Mr. B. K. Chanda
7	BE319	Bioelectronics-Concept & Instrumentation	30	BT111	Dr. Rakesh Kr. Sinha
8	BE320	Biotreatment of Municipal and Industrial Wastes	30	BT112	Dr. Ramesh chandra
9	CL347	Analytical Instrumental Methods	45	G-I	Dr. A. K. Sen
10	EE361R1	Linear Control Theory	30	233	Dr. Sushma Kamlu
11	SR510	Fundamental of Aerospace Engineering	45	CR-1	Dr. Rajiv Kumar

Open Elective - IV

VII Semester

Sr.No	Code	Course	Intake capping	Room No.	Name of the Faculty
1	HS403	French - II	30	213	Dr. Dharmendra Chand
2	HS407	German - II	30	216A	Dr. Shailendra Singh
3	AR405	Art and Culture - IV	20	201	Mr. Mrinal Pathak
4	CL427	Microfluidics	45	G-I	Dr. Sudeepan J Dr. G T Mohanraj
5	EE519	Computational Techniques in Electrical Engineering	30	236	Dr. Aftab Alam
6	CS461	Fundamental of Machine Learning	60	214	Dr. S. Mohapatra
7	PE417	Production Management	60	232	Dr. Suman Samanta Dr. Sanjiv K. Tiwari
8	SR511	Fundamental of Fuels and Combustion	45	CR-1	Dr. Shelly Biswas
9	BE407	Nanobiotechnology	30	BT111	Dr. Koel Mukherjee
10	BE411	Molecular Modelling and Drug Design	30	BT112	Dr. Alok Jain
11	EC439	Electronics Technology	30	231	Dr. Rupesh Kumar Sinha
12	GI501	Principles of Remote Sensing	25	DRS-1	Dr. Kirti Avishek and Dr. S. Payra
13	ME497	Industrial Robotics and Automation	30	TOM Lab	

PG

Open Elective - I

Sr.No	Code	Course	Intake capping	Room No.	Name of the Faculty
1	EC601	Fundamental of MEMS	30	254	Dr. N. Chattoraj
2	EE585	Hybrid Electric Vehicle	30	215	Dr. Shiva Kumar
3	ME683	Renewable Source of Energy	30	216	Dr. O.P. Pandey
4	IT570	Basics of Python Programming	60	G-4,R&D	Dr. Satish Chander
5	CE576	Environmental Science and Management	30	205	Dr. Jawed Iqbal
6	RS520R1	Real World Operationalisation of GIS and GNSS	30	DRS-1	Dr. V. S. Rathore Dr. Milli Ghosh
7	SR511	Fundamental of Fuels and Combustion	30	CR-1	Dr. Shelly Biswas

Open Elective - II

Sr.No	Code	Course	Intake capping	Room No.	Name of the Faculty
1	EE595	Smart Grid	30	G-I	Dr. Tirthadip Ghose
2	SR505	Flame propagation and stability	30	CR-2	Dr. Shelly Biswas
3	SR510	Fundamentals of Aerospace Engineering	30	CR-1	Dr. Rajiv Kumar
4	EC611	Sensors and Actuators	30	254	Dr. Vijay Nath

Associate Dean (UGS)

Associate Dean (PGS)

Central Time Table Coordina