



PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR

An Autonomous Institute Affiliated to RTM Nagpur University, Nagpur

SIXTH SEMESTER B. TECH. END SEMESTER EXAMINATION SUMMER- 2026 (ALL BRANCHES)

#PROGRAMME: WRITTEN#

Time: 11.00 A.M. To 2.00 P.M.



Sr No	Name of Branch	Day	Monday	Wednesday	Friday	Tuesday	Thursday	Saturday	Tuesday	Thursday
		Date	04/05/26	06/05/26	08/05/26	12/05/26	14/05/26	16/05/26	19/05/2026	21/05/26 (Honors)
1	Civil Engineering		Estimating & Costing 25UCV601T	Transportation Engineering ** 25UCV602T	Hydraulics & Water Resource Engineering 25UCV603T	Program Elective:02 25UCV6XXT	Program Elective:03 25UCV6XXT	Data Structure & Algorithm using Python 25UCT606T MATLAB 25UME607T		
2	Electrical Engineering/ Electronics & Power Engineering		High Voltage Engineering 25UEL601T	Advanced Power System 25UEL602T	Electrical Safety and Standards ** 25UEL603T	Program Elective:02 25UEL6XXT	Research Methodology ** 25UEL605T	Data Structure Using C 25UCT607T Heat Transfer 25UME608T Sensors & System Analysis 25UET607T Python Programming for Data Analytics 25UIT606T		Power electronic for EV application 25UHEEL6T / Micro Grid Management and Power Quality 25UHMEL6T
3	Electronics & Communication Engg.		Control Systems 25UEC601T	Digital Signal Processing 25UEC602T	Digital Design with HDL 25UEC603T	Program Elective:02 25UEC6XXT	Program Elective:03 25UEC6XXT			Machine learning & deep learning 25UHSEC6T
4	Electronics & Telecommunication Engineering		Computer Communication Network 25UET601T	CMOS VLSI Design 25UET602T	Control Systems 25UET605T	Program Elective:02 25UET6XXT	Program Elective:03 25UET6XXT			Machine learning for wireless communication 25UHSET6T
5	Aeronautical Engineering		Rocket Propulsion 25UAE601T	Space Technology 25UAE602T	Aircraft Flight Mechanics 25UAE603T	Program Elective:02 25UAE6XXT	Program Elective:03 25UAE6XXT	Manufacturing Process 25UME609T Principles of Robotics 25URO606T	Aircraft Design ** 25UAE604T	Computational Aerodynamics 25UHSAE6T
6	Mechanical Engineering		Machining Processes ** 25UME601T	Automation in Production ** 25UME602T	Design of Machine Elements ** 25UME603T	Program Elective:02 25UME6XXT	Program Elective:03 ** 25UME6XXT	Fundamentals of Aerodynamics 25UAE606T Principles of Robotics 25URO606T	Energy Conversion-I ** 25UME604T	
7	Computer Science and Engineering		Compiler Design 25UCS601T	Design and Analysis of Algorithm 25UCS602T	Cryptography & Network Security 25UCS603T	Program Elective:02 25UCS6XXT	Program Elective:03 25UCS6XXT			Digital Forensics Investigations 25UHCCS6T / Database Design and Management 25UHFCS6T

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8	Computer Technology	Theory of Computation 25UCT601T	Computer Networks 25UCT602T	Artificial Intelligence & Machine Learning 25UCT603T	Program Elective:02 25UCT6XXT	Program Elective:03 25UCT6XXT	Software Engg & Project Management ** 25UCT604T		Essentials of Generative AI 25UHSC6T
9	Information Technology	Operating Systems 25UIT601T	Theory Of Computation 25UIT602T	Cloud Computing 25UIT603T	Program Elective:02 25UIT6XXT	Program Elective:03 25UIT6XXT	Software Tools** 25UIT605T		Cyber Security in business 25UHBIT6T
10	Chemical Engineering	Chemical Reaction Engg- II 25UCH601T	Process Dynamics & Control 25UCH602T	Mass Transfer-II 25UCH603T	Program Elective:02 25UCH6XXT	Program Elective:03 25UCH6XXT			Computational Fluid Dynamics (CFD) 25UHSCH6T
11	Biotechnology	Mass transfer in Biotechnology ** 25UBT601T	Genetic Engineering 25UBT602T	Bio separation Engineering 25UBT603T	Program Elective:02 25UBT6XXT	Program Elective:03** 25UBT6XXT			
12	Artificial Intelligence & Data Science	Deep Learning 25UAI601T	Software Engineering 25UAI602T		Program Elective:02 25UAI6XXT	Program Elective:03 25UAI6XXT	Data Analytic for IOT- 25UII604T Data Handling and Visualization 25URO607T		Data Mining & Data Wrangling 25UHSAI6T
13	Industrial IOT	Cloud Computing 25UII601T	Industry 4.0 and IoT** 25UII602T	Research Methodology ** 25UII603T	Program Elective:02 25UII6XXT	Program Elective:03 25UII6XXT	Artificial Intelligence & Machine Learning 25UAI606T Software Engineering & Testing 25UCS610T	Entrepreneurs hip Development & Startups ** 25UBS601T	
14	Robotics & Artificial Intelligence	Digital Image Processing 25URO601T	Mobile Robotics & Control 25URO602T	Industrial IOT 25URO603T	Program Elective:02 25URO6XXT	Program Elective:03 25URO6XXT	Compiler Design 25URO604T		Deep learning & Big data Technologies 25UHSRO6T

Note: ** Indicates paper of 30 Marks for Two Hours Duration (11.00 am to 1.00 pm)



Dr. S.S. Shriramwar
Controller of Examinations



Dr. S. A. Dhale
Principal

Place: Nagpur
Date: 01/04/2026

VI Semester

Program Elective-II

SN.	Department	Name of Subject PEC-II
1	AE	Wind Tunnel Techniques-25UAE621T
2	AE	Finite Element Method-25UAE623T
3	AI&DS	Pattern recognition-25UAI621T
4	AI&DS	Robotics and Intelligent System-25UAI622T
5	AI&DS	Infotainment-25UAI623T
6	BT	FermentationTechnology-25UBT622T
7	BT	TissueCultureTechnology-25UBT621T
8	CE	Polymer Science and Engineering-25UCH621T
9	CE	Process intensification-25UCH622T
10	CE	Membrane Technology-25UCH623T
11	CV	Climate Change & Mitigation-25UCV623T
12	CV	Construction Equipment & Methods-25UCV624T
13	CV	Railway Engineering-25UCV626T
14	CSE	Computer Vision-25UCS621T
15	CSE	Distributed Databases-25UCS622T
16	CSE	TCP/IP-25UCS623T
17	CT	Cloud Computing-25UCT623T
18	CT	Introduction to Network Security-25UCT622T
19	CT	Advanced Java Programming-25UCT621T
20	EE	Advanced Control System-25UEL622T
21	EE	Advanced Power Electronics-25UEL623T
22	EE	Computer Applications in Power System-25UEL621T
23	EE	Testing and Maintenance of Electrical equipment-25UEL624T
24	EC	Antennas & Wave Propagation-25UEC622T
25	EC	PLC and SCADA-25UEC623T
26	EC	Machine learning-25UEC624T
27	EC	Operating System-25UEC621T
28	ETC	Antenna & Wave Propagation-25UET621T
29	ETC	Audio & Video Engineering-25UET622T
30	ETC	Internet of Things-25UET623T
31	IIOT	ARM Processor & its Essential -25UII622T
32	IIOT	Natural Language processing-25UII623T
33	IT	Data Warehouse and Mining-25UIT621T
34	IT	Cyber security-25UIT622T
35	IT	Software Testing-25UIT623T
36	ME	Design of transmission system -25UME622T
37	ME	Refrigeration and air Conditioning-25UME623T
38	ME	Computer Integrated Manufacturing Techniques-25UME624T
39	RAI	Robotics in FMCG-25URO622T
40	RAI	Robotic Process Automation-25URO621T

Program Elective-III

SN.	Department	Name of Subject PEC-III
1	AE	Control System 25UAE633T
2	AE	Introduction to Cryogenics 25UAE632T
3	AI&DS	Explainable AI-25UAI631T
4	AI&DS	AI in Communication-25UAI632T
5	AI&DS	NOSQL-25UAI633T
6	BT	Heat Transfer in Biotechnology-25UBT633T
7	BT	Instrumentation & Bioprocess Control-25UBT631T
8	BT	Fluid Mechanic and solid Handling-25UBT632T
9	CE	Chemical Hazards & Safety-25UCH633T
10	CE	Environmental Science & Waste Management-25UCH631T
11	CV	Bridge & Tunnel Engineering-25UCV636T
12	CV	Hydropower Engineering-25UCV635T
13	CV	Sustainable Resource Management-25UCV633T
14	CSE	Natural Language Processing-25UCS631T
15	CSE	Data Warehousing and Mining-25UCS632T
16	CSE	Blockchain and Cryptocurrency-25UCS633T
17	CT	Data Analytics and Visualization-25UCT632T
18	CT	Digital Forensics-25UCT631T
19	CT	Internet of Things-25UCT633T
20	EC	Data Analytic & Data Science-25UEC634T
21	EC	Wireless Sensor Networks-25UEC631T
22	EC	RF & Microwave Engineering-25UEC632T
23	EC	Web Technology-25UEC633T
24	ETC	Artificial Intelligence-25UET631T
25	ETC	Mobile Communication & Networks-25UET632T
26	ETC	Photonics-25UET633T
27	IIOT	Web & Social media Analytics-25UII632T
28	IIOT	Optical Communication-25UII631T
29	IIOT	Mobile Communication-25UII633T
30	IT	Machine Learning-25UIT632T
31	IT	Global Information Tracker-25UIT631T
32	IT	Human Computer Interaction-25UIT633T
33	ME	Industrial Engineering,-25UME631T
34	ME	Automobile Engineering,-25UME633T
35	ME	Operation Research-25UME634T
36	ME	Power Plant Engineering-25UME635T
37	RAI	Cloud Computing-25URO632T
38	RAI	Blockchain Technology-25URO633T