PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR

An Autonomous Institute Affiliated to RTM Nagpur University, Nagpur

FIFTH SEMESTER B. TECH. (REGULAR) EXAMINATION WINTER- 2026 (ALL BRANCHES)

#PROGRAMME: WRITTEN#

Time:2.00 P.M. To 5.00 P.M.

Sr No	Name of Branch / Day / Date	Wednesday 18/11/2026	Friday 20/11/2026	Monday 23/11/2026	Thursday 26/11/2026	Saturday 28/11/2026	Tuesday 01/12/2026	Thursday 03/12/2026 (Honors)
1	**Aeronautical Engineering**	Aerodynamics-II **25UAE501T**	Aircraft Structure-II **25UAE502T**	Heat and Mass Transfer **25UAE503T**	Open Elective-3 **	Program Elective -1	Aircraft System & Instrumentation **25UAE504T**	Experimental Aerodynamics **24UAEHS5T**
2	**Mechanical Engineering**	Manufacturing Processes **25UME501T**	Strength of Materials **25UME502T**	Heat Transfer **25UME503T**	Open Elective-3 **	Program Elective -1	----------	----------
3	**Civil Engineering**	Reinforced Cement Concrete Designs. **25UCV501T**	Fluid Mechanics **25UCV502T**	Concrete Technology & Material Testing **25UCV503T**	Open Elective-3 **	Program Elective -1	Foundation Engineering **25UCV504T**	----------
4	**Electrical Engineering**	Control System **25UEL501T**	Power Electronics **25UEL502T**	Power System **25UEL503T**	Open Elective-3 **	Program Elective -1	----------	Electrical drives for EVs **25UHEEL5T**
5	**Chemical Engineering**	Mass Transfer-I **25UCH501T**	Chemical Reaction Engineering-I **25UCH502T**	Plant Equipment Design **25UCH503T**	Open Elective-3 **	Program Elective -1	MDM -III Organic Process Technology **25UBS503T** Analytical techniques for Bio-processes **25UBT504T**	Process Control & Automation **25UHSCH5T**
6	**Biotechnology**	Cell & Molecular Biology **25UBT501T**	Immunology **25UBT502T**	Bioprocess Engineering ** **25UBT503T**	Open Elective-3 **	Program Elective -1	MDM -III Data Structures with Python **25UCS508T** Chemical Reactor Design **25UCH504T**	**03/12/2026 (Thursday)** Advanced Immunology and Vaccine Development **25UHSB15T** **04/12/26 (Friday)** Drug Delivery Systems using Nanomaterials **25UHSB25T**
7	**Electronics& Telecommunication Engineering**	Analog Circuits **25UET501T**	Digital Signal Processing **25UET502T**	Electromagnetic Waves **25UET503T**	Open Elective-3 **	Program Elective -1	MDM-III Data Base Management system **25UCS507T** Python for Data Science **25UCT506T**	Cyber Security **25UHSET5T**

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		18/11/2026	20/11/2026	23/11/2026	26/11/2026	28/11/2026	01/12/2026	03/12/2026 (Honors)
8	**Electronics & Communication Engineering**	Microcontrollers & Interfacing **25UEC501T**	Electromagnetic Waves **25UEC502T**	Business Management and Entrepreneurship **25UBS505T**	Open Elective-3 **	Program Elective -1 **	MDM-III Computer Networks **25UCT504T** Green Materials - **25UCV506T**	
9	**Computer Science and Engineering**	Computer Networks **25UCS501T**	Formal Languages and Automata Theory **25UCS502T**	AI and Machine Learning **25UCS503T**	Open Elective-3 **	Program Elective -1	**(Common for CSE, CT &IT)** MDM-III Data Exploration and Visualization **25UAI507T** IoT Data Acquisition and Platforms **25UII508T** Microcontroller & Embedded systems **25UET504T**	Software Engineering. & Project Management ** **25UCS504T**
10	**Computer Technology**	Design & Analysis of Algorithms **25UCT501T**	Database Management Systems **25UCT502T**	Object Oriented Programming Using Java **25UCT503T**	Open Elective-3 **	Program Elective -1		
11	**Information Technology**	Artificial Intelligence **25UIT501T**	Design and Analysis of Algorithm **25UIT502T**	Database Management System **25UIT503T**	Open Elective-3 **	Program Elective -1		
12	**Artificial Intelligence & Data Science**	Database Management System **25UAI501T**	Design Analysis of Algorithm **25UAI502T**	Machine Learning **25UAI503T**	Open Elective-3 **	Program Elective -1	Sensor & Actuators for IOT ** **25UAI504T**	Exploratory Data Analysis **25UHSAI5T**
13	**Robotics & Artificial Intelligence**	Machine Learning **25URO501T**	Industrial Robotics **25URO502T**	Mechanism of Robot Systems **25URO503T**	Open Elective-3 **	Program Elective -1	MDM-III Computational Data Analytics **25UAI506T** Drone Technology - **25UAE506T**	
14	**Industrial IOT**	IOT Architecture & Protocols **25UII501T**	Digital Signal Processing **25UII502T**	Database Management System ** **25UII503T**	Open Elective-3 **	Program Elective -1	Digital Economy & Management ** **25UBS504T**	IoT Design **25UHSII5T**

Note: ** Indicates paper of 30 Marks for Two Hours Duration (2.00 pm to 4.00 pm)

Dr. S.S.Shriramwar
COE

Dr. S. A. Dhale
Principal

Place: Nagpur Date: 08/10/2026

Program Elective-1

AE	Machining Process - 25UAE521T
	Smart Materials and Testing - 25UAE522T
	UAV System and Design - 25UAE524T
AI&DS	Human Computer Interface (HCI) - 25UAI521T
	Cloud Computing - 25UAI522T
	Information Security - 25UAI523T
BT	Stem Cell Technology - 25UBT521T
	Food & Nutrition - 25UBT522T
	Pharmaceutical Technology - 25UBT523T
CE	Process Technology and Economics - 25UCH521T
	Chemical Process Synthesis and Design - 25UCH522T
CV	Advanced Building Materials - 25UCV524T
CSE	Computer Graphics - 25UCS521T
	Salesforce - 25UCS522T
	Social Media and Security - 25UCS523T
CT	Ethical Hacking Systems - 25UCT521T
	Computer Graphics - 25UCT523T
EC	Information Theory and Coding - 25UEC522T
	Computer Architecture - 25UEC523T
	Introduction to Emerging Technologies - 25UEC524T
EE	Power Station Practice - 25UEL521T
	Electrical Drives & Their Controls - 25UEL522T
	Introduction to Electrical Vehicle - 25UEL523T
ET	Wireless Sensor Network - 25UET521T
	Error Control Coding - 25UET522T
	Electronics Design Technique with HDL - 25UET523T
IIOT	Real Time Operating System - 25UII521T
	Blockchain Technology - 25UII522T
	Analog & Digital Communication - 25UII523T
IT	Gaming Development and Design - 25UIT521T
	Blockchain Technology - 25UIT522T
	Agile framework - 25UIT523T
ME	Advanced Manufacturing Techniques - 25UME521T
	Internal Combustion Engines - 25UME523T
	Production Planning and Control - 25UME524T
RAI	Design Analysis of Algorithm - 25URO521T
	Computer Networks - 25URO522T

Open Elective-3

1	Green Aviation (25UOE521T)(offered by AE Dept)
2	Basics of Propulsion (25UOE522T)(offered by AE Dept)
3	AI for Cyber Security (25UOE523T)(offered by AI&DS Dept)
4	Biology For Engineers (25UOE525T)(offered by BT Dept)
5	Renewable Energy (25UOE526T)(offered by BT Dept)
6	Energy Audit (25UOE530T)(offered by CHE Dept)
7	Air Pollution (25UOE531T)(offered by Civil Engg. Dept)
8	Climate Change & mitigation (25UOE532T)(offered by Civil Engg. Dept)
9	Artificial Intelligence (25UOE534T)(offered by CSE Dept)
10	Big Data analytics (25UOE535T)(offered by CSE Dept)
11	Data visualization (25UOE536T)(offered by CT Dept)
12	Fundamentals of Cloud computing (25UOE537T)(offered by CT Dept)
13	Introduction to 5G Technology (25UOE540T)(offered by EC Dept)
14	Electric Vehicles: An introduction (25UOE541T)(offered by EE Dept)
15	Soft Computing (25UOE544T)(offered by ETC Dept)
16	Industrial IoT (25UOE547T)(offered by IIOT Dept)
17	Introduction to Agile Framework (25UOE548T)(offered by IT Dept)
18	Introduction to Virtual Reality (25UOE549T)(offered by IT Dept)
19	Introduction to Renewable energy resources (25UOE551T)(offered by ME Dept)
20	Industrial Safety & Environment (25UOE552T)(offered by ME Dept)
21	Smart Application in Robotics (Applied Robotics) (25UOE554T)(offered by R&AI Dept)