PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR

An Autonomous Institute Affiliated to RTM Nagpur University, Nagpur

FIFTH SEMESTER B. TECH. (RE-SIT) EXAMINATION WINTER- 2025 (ALL BRANCHES)

Only for students failed in W-25 (Regular Exam)

#PROGRAMME: WRITTEN#

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

Sr No	Name of Branch — Day — Date	Monday 30/03/2026	Thursday 02/04/2026	Monday 06/04/2026	Wednesday 08/04/2026	Friday 10/04/2026	Monday 13/04/2026	Wednesday 15/04/2026
1	Aeronautical Engineering	Aerodynamics-II **25UAE 501T**	Aircraft Structure-II **25UAE 502T**	Heat and Mass Transfer **25UAE 503T**	Open Elective-III ** **25UOE 5XXT**	Program Elective -1 **25UAE5XXT**	Aircraft System & Instrumentation **25UAE 504T**	
2	Mechanical Engineering	Manufacturing Processes **25UME501T**	Strength of Materials **25UME502T**	Heat Transfer **25UME503T**	Open Elective-III ** **25UOE5XXT**	Program Elective -1 **25UME5XXT**	----------	
3	Civil Engineering	Reinforced Cement Concrete Designs. **25UCV501T**	Fluid Mechanics **25UCV502T**	Concrete Technology & Material Testing **25UCV503T**	Open Elective-III** **25UCV5XXT**	Program Elective -1 **25UCV5XXT**	Foundation Engineering **25UCV504T**	
4	Electrical Engineering / Electronics & Power Engineering	Control System **25UEL501T**	Power Electronics **25UEL502T**	Power System **25UEL503T**	Open Elective-III** **25UOE5XXT**	Program Elective -1 **25UEL5XXT**	----------	
5	Chemical Engineering	Mass Transfer-I **25UCH501T**	Chemical Reaction Engineering-I **25UCH502T**	Plant Equipment Design **25UCH503T**	Open Elective-III** **25UOE5XXT**	Program Elective -1 **25UCH5XXT**	MDM -III Organic Process Technology **25UBS503T** Analytical techniques for Bio-processes **25UBT504T**	
6	Biotechnology	Cell & Molecular Biology **25UBT501T**	Immunology **25UBT502T**	Bioprocess Engineering ** **25UBT503T**	Open Elective-III ** **25UOE5XXT**	Program Elective -1 **25UBT5XXT**	MDM -III Data Structures with Python **25UCS508T** Chemical Reactor Design **25UCH504T**	
7	Electronics& Telecommunication Engineering	Analog Circuits **25UET501T**	Digital Signal Processing **25UET502T**	Electromagnetic Waves **25UET503T**	Open Elective-III ** **25UOE5XXT**	Program Elective -1 **25UET5XXT**	MDM-III Data Base Management system **25UCS507T** Python for Data Science **25UCT506T**	

					Open Elective-III **	Program Elective -1		
8	**Electronics & Communication Engineering**	Microcontrollers & Interfacing **25UEC501T**	Electromagnetic Waves **25UEC502T**	Business Management and Entrepreneurship **25UBS505T**	Open Elective-III ** **25UOE5XXT**	Program Elective -1 ** **25UEC5XXT**	MDM-III Computer Networks **25UCT504T**	
9	**Computer Science and Engineering**	Computer Networks **25UCS501T**	Formal Languages and Automata Theory **25UCS502T**	AI and Machine Learning **25UCS503T**	Open Elective-III ** **25UOE5XXT**	Program Elective -1 **25UCS5XXT**	MDM-III Data Exploration and Visualization **25UAI507T** IoT Data Acquisition and Platforms **25UII508T** Microcontroller & Embedded systems **25UET504T**	Software Engg.& Project Management ** **25UCS504T**
10	**Computer Technology**	Design & Analysis of Algorithms **25UCT501T**	Database Management Systems **25UCT502T**	Object Oriented Programming Using Java **25UCT503T**	Open Elective-III ** **25UOE5XXT**	Program Elective -1 **25UCT5XXT**		
11	**Information Technology**	Artificial Intelligence **25UIT501T**	Design and Analysis of Algorithm **25UIT502T**	Database Management System **25UIT503T**	Open Elective-III ** **25UOE5XXT**	Program Elective -1 **25UIT5XXT**		
12	**Artificial Intelligence & Data Science**	Database Management System **25UAI501T**	Design Analysis of Algorithm **25UAI502T**	Machine Learning **25UAI503T**	Open Elective-III ** **25UOE5XXT**	Program Elective -1 **25UAI5XXT**	Sensor & Actuators for IOT ** **25UAI504T**	
13	**Robotics & Artificial Intelligence**	Machine Learning **25URO501T**	Industrial Robotics **25URO502T**	Mechanism of Robot Systems **25URO503T**	Open Elective-III ** **25UOE5XXT**	Program Elective -1 **25URO5XXT**	MDM-III Computational Data Analytics **25UAI506T**	
14	**Industrial IOT**	IOT Architecture & Protocols **25UII501T**	Digital Signal Processing **25UII502T**	Database Management System ** **25UII503T**	Open Elective-III ** **25UOE5XXT**	Program Elective -1 **25UII5XXT**	Digital Economy & Management ** **25UBS504T**	

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

Dr. S.S.Shriramwar
    COE

Dr. S. A. Dhale
    Principal

Place: Nagpur   Date: 14/03/2026

Program Electives and Open Electives Opted

S. No.	Program Electives Semester V (2025-26)
1	Advanced Building Materials (25UCV524T)
2	Advanced Manufacturing Techniques (25UME521T)
3	Advanced Operating System (25UCT522T)
4	Agile framework (25UIT523T)
5	Blockchain Technology (25UII522T)
6	Blockchain Technology (25UIT522T)
7	Chemical Process synthesis and Design (25UCH522T)
8	Cloud Computing (25UAI522T)
9	Computer Architecture (25UEC523T)
10	Computer Graphics (25UCS521T)
11	Computer Graphics (25UCT523T)
12	Computer Networks (25URO522T)
13	Design Analysis of Algorithm (25URO521T)
14	Electrical Drives & their Controls (25UEL522T)
15	Electronics Design Technique with HDL (25UET523T)
16	Error Control Coding (25UET522T)
17	Ethical Hacking Systems (25UCT521T)
18	Food & Nutrition (25UBT522T)
19	Gaming Development and Design (25UIT521T)
20	Geo Environmental Engineering (25UCV523T)
22	Human Computer Interface (HCI) (25UAI521T)
23	Information Security (25UAI523T)
24	Information Theory and Coding (25UEC522T)
25	Internal Combustion Engines (25UME523T)
26	Introduction to Computational Fluid Dynamics (25UME526T)
27	Introduction to Electrical Vehicle (25UEL523T)
28	Introduction to Emerging Technologies (25UEC524T)
29	Machining Process (25UAE521T)
30	Pharmaceutical Technology (25UBT523T)
31	Power Station Practice (25UEL521T)
32	Process Technology and Economics (25UCH521T)

33	Production Planning and Control (25UME524T)
34	Real Time Operating System (25UII521T)
35	Salesforce (25UCS522T)
36	Smart Materials and Testing (25UAE522T)
37	Social media and Security (25UCS523T)
38	Stem Cell Technology (25UBT521T)
39	UAV System and Design (25UAE524T)
40	Wireless Sensor Network (25UET521T)

S.No.	Open Elective III Semester V (2025-26)
1	AI for Cyber Security (25UOE523T) (offered by AI&DS Dept)
2	Air Pollution (25UOE531T) (offered by Civil Engg. Dept)
3	Artificial Intelligence (25UOE534T)(offered by CSE Dept)
4	Augmented Reality and Virtual Reality (25UOE524T)(offered by AI&DS Dept)
5	Basics of Propulsion (25UOE522T)(offered by Aero Dept)
6	Big Data analytics (25UOE535T)(offered by CSE Dept)
7	Biology For Engineers (25UOE525T)(offered by BT Dept)
8	Climate Change & mitigation (25UOE532T)(offered by Civil Engg. Dept)
9	Data visualization (25UOE536T)(offered by CT Dept)
10	Electric Vehicles: An introduction (25UOE541T)(offered by EE & EP Dept)
11	Embedded and Real Time System (25UOE546T)(offered by IIOT Dept)
12	Energy Audit (25UOE530T)(offered by CE Dept)
13	Fundamentals of Cloud computing (25UOE537T)(offered by CT Dept)
14	Industrial Robotics (25UOE550T)(offered by ME Dept)
15	Industrial Safety & Environment (25UOE552T)(offered by ME Dept)
16	Introduction to 5G Technology (25UOE540T)(offered by EC Dept)
17	Introduction to Renewable energy resources (25UOE551T)(offered by ME Dept)
18	Renewable Energy (25UOE526T)(offered by BT Dept)
19	Smart Application in Robotics (Applied Robotics) (25UOE554T)(offered by R&AI Dept)