



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

M.Tech,M.E,M.Des,M.Arch THIRD SEMESTER.(C.B.C.S) **WINTER 2024**
(296 TO 343)

M.TECH, M.E., M.DES, M.ARCH. THIRD SEMESTER (C.B.C.S) EXAMINATION OF WINTER 2024

PROGRAMME: WRITTEN

Time: 09.30 A.M. To 12.30 P.M.

Sr. No.	Name of Branch	Day >	Tuesday	Thursday
		Date >	26-11-2024	28-11-2024
1	Structure Engineering		Foundation Courses -II	Elective-IV (Open)
2	Computer Science Engineering		Foundation Courses -II	Elective-IV (Open)
3	CAD/CAM		Foundation Courses -II	Elective-IV (Open)
4	Environmental Engineering		Foundation Courses -II	Elective-IV (Open)
5	Chemical Tech. (Food Technology.)		Foundation Courses -II	Elective-IV (Open)
6	Chemical Tech. (Petrochemical Technology.) \		Foundation Courses -II	Elective-IV (Open)
7	Chemical Tech. (Oil Technology.)		Foundation Courses -II	Elective-IV (Open)
8	Chemical Tech. (Paint Technology.)		Foundation Courses -II	Elective-IV (Open)
9	Industrial Drives & Control.		Foundation Courses -II	Elective-IV (Open)
10	VLSI		Foundation Courses -II	Elective-IV (Open)
11	Mech. Engineering & Design		Foundation Courses -II	Elective-IV (Open)
12	Electronics Engineering (Communication)		Foundation Courses -II	Elective-IV (Open)
13	Software System		Foundation Courses -II	Elective-IV (Open)

Sr. No.	Name of Branch	Day >	Tuesday	Thursday
		Date >	26-11-2024	28-11-2024
14	Integrated Power System		Foundation Courses -II	Elective-IV (Open)
15	Heat Power Engineering		Foundation Courses -II	Elective-IV (Open)
16	Chemical Engineering		Foundation Courses -II	Elective-IV (Open)
17	Power Electronics & Power System		Foundation Courses -II	Elective-IV (Open)
18	Electronics Engineering		Foundation Courses -II	Elective-IV (Open)
19	Computer Aided Structural Engineering		Project Planning Management	Elective-IV (Open)
20	M.Des. [Industrial Design]		=====	Elective-IV (Open)
21	M. Arch. (Architecture Education)		=====	Elective-IV (Open)
22	M. Arch.(Environment Architecture)		=====	Elective-IV (Open)
23	M. Arch.(Landscape)		=====	Elective-IV (Open)
24	M. Tech. Artificial Intelligence & Data Science		Deep Learning	Elective -5 (Open) 1. Predictive Analytics With R 2. GPU Computing

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The name of the College Centre is already Printed on the Admission Card of each Candidate. However, it is notified for general information of the Candidates that: -

The seating arrangement for the Centre will be notified separately seven days prior to the Commencement of the written examination at the respective College / Centre, The Candidates concerned will also be able to get the necessary information from that chart of seating arrangement sent to the concerned College by University

P. T. O. (List of Electives)

List Of Electives. M.TECH. & M.E.III rd. Sem. (C.B.C.S)

Sr. No	Name of Branch	Elective-IV (Open)
1	Structure Engineering	1. Transform Methods. 2. Theory of Probability & Statistics. 3. Complex Analysis. 4. Mathematical Optimization Methods. 5. Non Destructive Testing. 6. Non-Conventional Energy System. 7. Basics of Remote Sensing. 8. Bio Physics. 9. Fuels & Lubricant. 10. Environment & Sustainable Development. 11. Advances on Renewable Energy Technology. 12. Advanced Engineering Materials. 13. Remote Sensing & Geographical Information System. 14. Law, Technology & Public Policy. 15. Economics of Research & Development. 16. Ganddian Engineering. 17. Advanced Technical English Writing. 18. Green Building. 19. Product Design for Energy & Environment. 20. Man. Environment & Sustainability. 21. Machine Learning.
2.	Computer Aided Design Manufacture & Automation	
3	Computer Science & Engineering	
4.	CAD/CAM	
5	Environmental Engineering	
6	Chemical Technology (Food Technology.)	
7	Chemical Technology (Petrochemical Technology.)	
8	Chemical Technology (Oil Technology.)	
9	Chemical Technology (Paint Technology.)	
10	VLSI	
11	Mech. Engg. & Design	
12	Electronics Engineering Communication	

		22. Ethical Hacking & Digital Forensic.	
13	Software System	23. Advanced Petroleum Refining.	
14	Integrated Power System	24. Nanotechnology.	49. Software Testing Methodologies.
15	Heat Power Engineering	25. Security Analysis of Software.	50. Optimization Techniques.
16	Chemical Engineering.	26. Advance Databases.	51. Wireless Communication & Network.
17	Computer Aided Structural Engineering	27. PLC & SCADA	52. Mobile application Development.
18	M.E. Wireless Comm. & Comp.	28. Digital Control System.	53. Disaster Management & Mitigation.
19	Power Electronics & Power System	29. Wireless Sensor Network.	54. Water Resources Management.
20	Electronics Engineering	30. Bio-Informatics.	
21	Industrial Drives & Control	31. Artificial Intelligence & Robotics.	
22	M.Des [Industrial Design]	32. Designing Embedded Communication Software.	
23	M. Arch. (In Arch. Education)	33. Embedded System Testing & Verification.	
24	M. Arch. (Environment Architecture)	34. Product Design & Intellectual Property Rights.	
25	M. Arch. (Landscape)	35. Reliability Engineering.	
		36. Communication Skills.	
		37. Manufacturing System Integration & Management.	
		38. Modeling & Simulation.	
		39. Production & Operations Management.	
		40. Design Optimization Techniques.	
		41. Data Communication in CADMA.	
		42. Modeling & Simulation.	
		43. Mechatronics.	
		44. Environmental Pollution & Control.	
		45. Optimization Methods in Engineering.	
		46. Finite Element Analysis.	
		47. Optimization in Engg. Design.	
		48. Advanced Engineering.	