

List of Electives. M.TECH. & M.E. I Sem.

Sr. No	Name of Branch	Elective-I	Elective-II
2.	Computer Aided Design Manufacture & Automation	1 Tool Design 2 Rapid Prototyping and Tooling 3 Engineering Experimentation Techniques	*****
3.	Computer Science Engineering	1 Ai & Expert System Design 2 Data Warehousing & Raining	1 Naural Network & Fuzzy System 2 Real Time System 3 Mobile Computing
4.	CAD/CAM	1 Material Engg. 2 Image Processing 3 Engg. Managementp 4 Total Quality System & Engg.	*****
5.	M.E. Embedded System & Comp.	1 Object Oriented System 2 Functions / Arch. Optim. & Co-design of Embedded System 3 Cpld and Fpga Arch. And Applications	1 Soft Computing 2 Mobile Computing 3 System Modeling & Simulation
12	Software System (C.B.S.)	1) AI & Expert System Design. 2) Network System Design 3) Security Analysis Of Software.	1) Data Ware Housing & Mining. 2) Real Time System & Software. 3) Software Architecture.
17	M.E. Wireless Comm. & Comp.	1.Object Oriented System 2.Distributed Computing 3.Multimedia Communication	1. Soft. Computing 2.Modile & Adaptive Systems 3.Design & Modeling of Mobile Protocols



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

M.TECH, M.E., M.DES, M.ARCH. FIRST SEMESTER EXAMINATION OF Winter 2016

PROGRAMME (WRITTEN)

M.Tech, M.E., M.Des, M.Arch FIRST SEMESTER, Wenter 2016
(490 to 508, 513 to 515.)

Time : 9.30 A.M. To 12.30 P.M.

Sr. No.	Name of Branch	Day	Friday	Monday	Wednesday	Friday	Monday
		Date	16-12-2016	19-12-2016	21-12-2016	23-12-2016	26-12-2016
1	Structure Engineering		Theory of Elasticity & Elastics Stability	Numerical Methods for Structural Analysis	Matrix Analysis of Structure	Structural Instrumentation & Material Science	Plastics Analysis and Design of Steel Structure
2	Computer Aided Design Manufacture & Automation		Control System Engineering	Cim	CNC & Robotics	Computer Graphics for Cad/Cam	Elective – I
3	Computer Science Engineering		High Performance Computer Architecture	Advanced in Operating System Design	Object Oriented System	Elective-I	Elective-II
4	CAD/CAM		Data Structures and Algorithms	Cim	CNC & Robotics	Computer Graphic for Cad/Cam	Elective-I
5	M.E.[Embedded System & Comp.]		Microcontroller for Embedded System Design	Embedded System Concept	Advanced Computer Architecture	Elective-I	Elective-II
6	Environmental Engineering		Computational Methods	Environmental Chemistry & Microbiology	Municipal & Industrial Water Treatment	Water Supply & Waste Water Collection	Municipal Waste Water Treatment & Disposal
7	Chemical Technology		Modern Chemical Technology (Oil, Food, Paint, Petro,)	Science & Technology of Materials (Oil, Food, Paint, Petro,)	Special Technology – I (Oil, Food, Paint, Petro,)	Special Technology – II (Oil, Food, Paint, Petro,)	Special Technology – III (Oil, Food, Paint, Petro,)
8	I.D.C.		Micro-controller & Its Application	Advanced Power Electronics	Advanced Control System	Analysis of Electrical Machines	D.C. Drives
9	VLSI		VLSI Sub-system Design	Modeling of Digital System – I	Switching Theory and Automata	Advanced Digital Signal Processing	Embedded System
10	Mech. Engineerin & Design		Applied Mathematics	Advanced Mechanism	Dynamics of Machinery	Computer Aided Mechanical Design	Vibration Analysis
11	Electronics Engineering Communication		Optical Communication	Computer Communication Network	Advanced D S P	VLSI Signal Processing	Error Control Coding

12	Software System (C.B.S.)	Advanced Data Structures	Advanced System Software Design	Research Methodology	Elective- I	Elective- II
13	Integrated Power System	Advanced Power Electronics	Advanced Control Theory	Hvdc Power Transmission	Switchgear and Protection	Power System Modeling
14	Heat Power Engineering	Heat Transfer – I	Advanced Thermodynamics	Thermal Engineering – I	Advanced Energy Technology	Computer Aided Design
15	Chemical Engineering	Modern Chemical Instrumentation	Science & Technology of Materials	Momentum & Heat Transfer	Advanced Chemical Reaction Engineering	Plant Design
16	Industrial Engineering	Operation Research	Computer And Data Base Management	Personnel Management And Industrial Relations	Statistics And Quality Control	Planning And Controlling Of Manufacturing System
17	M.E. [Wireless Comm. & Comp.]	Wireless Communication & Networks	Tcp / Ip & Internet	Digital Signal Processing	Elective-I	Elective-II
18	Power Electronics & Power System	Advanced Power Electronics	Electric Power Distribution System	Hvdc Power Transmission	Power System Modeling	Processor Application To Electrical / Power System
19	Electronics Engineering	Digital Communication	VLSI Circuits	Advanced Digital Signal Processing	Fuzzy Logic Neural Networks	Programming & Data Structures
20	M.Des[Industrial Design]	History of Design	Material & Process	*****	*****	*****
21	M. Arch. (In Arch. Education)	Introduction to Learning Methods	Pedagogy of Architecture Education	Transmission of Knowledge In Building	Traditions of Teaching Methods	*****
22	M. Arch. (Environment Architecture)	Environmental Economics.	Society And Sustainability.	Traditional Knowledge Systems.	*****	*****

GENERAL INSTRUCTIONS FOR SEATING ARRANGEMENT

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.

NAGPUR:

Dated: 30-08- 2016

Controller of Examinations
Rashtrasant Tukadoji Maharaj Nagpur University

P. T. O. (List of Electives)