



**Circular No. 79 of 2017**

**Programme of the M. E. (All Branches) Examinations May/June 2017**

1. Candidates are required to be present at their respective places of the Examinations fifteen minutes before the time for paper.
2. Candidates are forbidden to take any material into the Examination Hall, with a view to prevent malpractices at the time of examinations.
3. Candidates are requested to see the Notice-Board at their respective places of examination regularly, for changes if any notified later, in the programme.
4. Candidates are requested to note the date, day, time and place of every paper on every day.
5. Candidates are permitted to use stencils at the time of examinations.
6. Candidates for the examination are expected to provide themselves with slide-rules.
7. The exchange or loan of slide-rules, drawing instruments or other materials used in the examination, is not permitted while the examination is in progress. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
8. The Term Work Assessment will be held at the respective Engineering College.
9. Use of non-programmable, battery operated Electronic Calculator of pockets is allowed. The Exchange of Calculator is not allowed.
10. No request for any special concession, such as change in time or day fixed for the University Examination on religious or any other ground, shall be granted.
11. University reserves right to make timely changes in examination time-table.
12. Center for the Examination will be as under...

Sr.	College & Course	Centre
1.	SSTS, College of Engineering, Bambhori	SSTS, College of Engineering, Bambhori
2.	Govt. College of Engineering, Jalgaon	Govt. College of Engineering, Jalgaon
3.	SGD.College of Engineering, Jalgaon	SGD, College of Engineering, Jalgaon
4.	Raisoni.College of Engineering, Jalgaon	Raisoni.College of Engineering, Jalgaon
5.	Godavari College of Engineering,Jalgaon	Godavari College of Engineering, Jalgaon
6.	SSGB College of Engineering, Bhusawal	SSGB,College of Engineering, Bhusawal
7.	JTM College of Engineering, Faizpur	JTM College of Engineering, Faizpur
8.	SSVPS, College of Engineering, Dhule	SSVPS, College of Engineering, Dhule
9.	D.N.Patel College of Engineering,Shahada	D.N.Patel College of Engineering,Shahada
10	RCP, College of Engineering, Shirpur	RCP, College of Engineering, Shirpur
11	KCE'S College of Enginggering,Jalgaon	KCE'S College of Enginggering,Jalgaon
12	NES'S Gangamai College of Engineering,Nagaon	NES'S Gangamai College of Engineering,Nagaon

The written examinations will be conducted in the following order...

**TIME-TABLE**

Day & Date	Subject & Time 10.00 a.m. to 1.00 p.m.	Sub Code
<b>SEM-I Elective-I</b>		
<b>20.05.2017 SATURDAY</b>	M. E. (Civil ) Building Science & Technology	1. Operation Research 1051 2. Environmental Risk Assessment and Hazard Management 1052 3. Work Study and Incentive Management 1053
	M. E. (Civil ) Environmental Engineering	1. Environmental Sanitation 1051 2. Remote Sensing, GIS and its Environmental Application 1052 3. Rural Water Supply & Sanitation 1053
	M. E. (Civil ) Construction Tech. & Management	1. Advance Construction Technology - I 1051 2. Infrastructure Development 1052 3. Repairs, Rehabilitation, Retrofitting of Structure 1053 4. Building Environment & Services 1054
	M. E. (Civil ) Infrastructure Engineering & Management	1. Highway Projects Planning Designing & Economic Evaluation 1051 2. Retrofitting and Rehabilitation of Structures 1052 3. Ports & Harbor Structures 1053
	M. E. (Mechanical) Machine Design/ Design Engg.	1. Instrumentation & Automatic Control System 1052 2. Design of Pressure Vessel 1051 3. Design of Material Handling Equipment 1053
	M. E. (Mechanical) General	1. Advanced Machine Design. 1051 2. Internal Combustion Engine. 1053 3. Analysis & Synthesis of Machanisms 1054 4. Computer Aided Manufacturing 1055 5. Theory of Elasticity & Plasticity 1056

Day & Date

Subject & Time 10.00 a.m. to 1.00 p.m .

Sub Code

**SEM-I Elective-I**

20.05.2017 SATURDAY	M. E. (Mechanical) Computer Aided Analysis & Design	▪	1. Design of Pressure Vessel 2. Computer Aided Engineering	1051 1052
	M. E. (Mechanical) Thermal Engineering	▪	1. Power Plant Engineering 2. Internal Combustion Engine 3. Solar Energy Technology 4. Finite Element Analysis 5. Gas Turbines & Jet Propulsion	1055 1051 1052 1053 1054
	M. E. ( Computer Science & Engineering)	▪	1. Embedded Software Design 2. Digital Image & Video Processing 3. Mathematical Foundations of Computer Science 4. Software Project Management	1051 1052 1053 1054
	M. E. ( E& T.C) VLSI & Embedded System Design.	▪	1. Advanced Digital Signal Processing. 2. Computer Networks & Management. 3. Artificial Neural Networks & Fuzzy Systems 4. Wireless Communication System.	1051 1052 1053 1054
	M. E. ( Electronics &Telecommunication ) <b>Digital Electronics</b>	▪	1. Parallel Computing 2. Biomedical Instrumentation 3. Wireless & Mobile Communication	1051 1052 1053
	M. E. (Electronics &Telecommunication ) <b>Digital Systems</b>	▪	1. Image Processing & Computer Vision 2. Computer Architecture 3. Artificial Intelligence & Neural Networks	1051 1052 1053
	M. E. ( Electronics &Telecommunication ) <b>Communication Engg</b>	▪	1. Modeling and Simulation. 2. Advanced Telecomm. Network Management 3. Linear System Theory 4. Optimization Technique 5. Random Processes	1051 1052 1053 1054 1055
	M. E. ( Electrical Power System )	▪	1. FACTs & Power Quality 2. Artificial Intelligence and its Applications in Power Systems 3. Renewable Energy Sources. 4. Power Sector Economics, Management and Restructuring	1051 1052 1053 1054

**SEM : II Elective-II**

22.05.2017 MONDAY	M. E. (Civil ) Building Science & Technology	▪	1. Architecture & Town Planning 2. Probability Statistics & Optimization Technique 3. Environment Impact Assessment	1122 1121 1123
	M. E. (Civil ) Environmental Engineering	▪	1. Design of Water Supply & Waste Water Structures 2. Environmental Impact Assessment 3. Solid Waste & Management	1121 1122 1123
	M. E. (Civil ) Construction Tech. & Management	▪	1. Advanced Construction Technology - II 2. Construction Disaster Management 3. Advanced RCC Structure 4. Architecture & Town Planning	1121 1122 1123 1124
	M. E. (Civil ) Infrastructure Engineering & Management	▪	1. Geo. Techniques for Infrastructure 2. Resources Management 3. Urban Hydrology and Storm Water Management.	1101 1102 1103
	M. E. (Mechanical) Machine Design		1. Robotics 2. Automotive Design 3. Design for Manufacture & Assembly	1122 1121 1123
	M.E. (Mechanical) General		1. Advance Robotics 2. Process Equipment Design 3. Alternate Energy Sources 4. Design of Heat Exchanger 5. Design of Pumps & Compressors	1101 1103 1104 1105 1106
	M.E. (Mechanical) Computer Aided Analysis & Design		1. Design For Manufacturing & Assembly	1101
	M. E. (Mechanical) Thermal Engineering	▪	1. Non Conventional Power Plant 2. Advanced Air Conditioning 3. Convective Heat Transfer Analysis 4. Equipment Design for Thermal Systems 5. Research Methodology 6. Turbomachinery	1121 1122 1123 1124 1125 1126

Day & Date	Subject & Time 10.00 a.m. to 1.00 p.m .	Sub Code	
<b>SEM : II Elective-II</b>			
<b>22.05.2017</b> <b>MONDAY</b>	M. E. ( Computer Science & Engineering )	<ul style="list-style-type: none"> <li>▪ 1. Software Testing &amp; Quality Assurance</li> <li>2. Cryptography &amp; Network Security</li> <li>3. Pattern Recognition</li> <li>4. Mobile Computing</li> </ul>	1101 1102 1103 1104
	M. E. ( E & T.C) VLSI & Embedded System Design	<ul style="list-style-type: none"> <li>▪ 1. Image &amp; Video Processing</li> <li>2. Electromagnetic Interference &amp; Compatibility</li> <li>3. FPGA Based System Design</li> <li>4.RF. Circuit Design.</li> </ul>	1101 1102 1103 1104
	M. E. ( Electronics & Telecommunication ) <b>Digital Electronics</b>	<ul style="list-style-type: none"> <li>▪ 1. Advanced Digital Communication</li> <li>2. Artificial Intelligence</li> <li>3. Modeling &amp; Simulation Techniques</li> </ul>	1121 1122 1123
	M. E. ( Electronics & Telecommunication ) <b>Digital Systems</b>	<ul style="list-style-type: none"> <li>▪ 1. Biomedical Signal Processing</li> <li>2. Pattern Recognition &amp; Classification</li> <li>3. Nanotechnology</li> </ul>	1121 1122 1123
	M. E. ( Electronics & Tele. / Electronics / Communication ) <b>Communication Engg.</b>	<ul style="list-style-type: none"> <li>▪ 1. Multimedia Communication</li> <li>2. Error Control Codes</li> <li>3. Advanced Embedded System Design</li> <li>4. Speech and Audio Processing</li> <li>5. Artificial Intelligence &amp; Soft Computing</li> </ul>	1121 1122 1123 1124 1125
	M.E. (Electrical Power System )	<ul style="list-style-type: none"> <li>▪ 1. Advanced Power System Protection</li> <li>2. Power Electronics Applications in Power Systems</li> <li>3. EHV Transmission Systems</li> <li>4. Power System Design</li> </ul>	1121 1122 1123 1124
<b>23.05.2017</b> <b>TUESDAY</b>	M.E. (Mechanical) ( Computer Aided Analysis & Design ) M. E. (Mechanical) Machine Design	<b>SEM-II / Elective-II</b> Machine tool Design (Elective- II ) Machine tool Design	1102 1100
<b>SEM : I</b>			
<b>24.05.2017</b> <b>WEDNESDAY</b>	M. E. (Civil ) Building Science & Technology	<ul style="list-style-type: none"> <li>▪ *Advance Design of Concrete Structures</li> <li>* ( <b>Time : 10.00 am to 02.00 pm</b>)</li> </ul>	1030
	M. E. (Civil ) Environmental Engineering	<ul style="list-style-type: none"> <li>▪ Air Pollution</li> </ul>	1030
	M. E. (Civil ) Construction Tech. & Management	<ul style="list-style-type: none"> <li>▪ Construction Safety</li> </ul>	1040
	M.E. (Mechanical) Machine Design/Design Engg.	<ul style="list-style-type: none"> <li>▪ Tribology</li> </ul>	1040
	M. E. (Mechanical) Computer Aided Analysis & Design	<ul style="list-style-type: none"> <li>▪ <b>Tribology (Elective- I)</b></li> </ul>	1053
	M. E. ( Computer Science & Engineering )	<ul style="list-style-type: none"> <li>▪ Applied Algorithms</li> </ul>	1040
	M. E (Electronics & Telecommunication ) <b>Digital Electronics</b>	<ul style="list-style-type: none"> <li>▪ VLSI Design</li> </ul>	1040
	M. E. ( Electronics & Telecommunication ) <b>Digital Systems</b>	<ul style="list-style-type: none"> <li>▪ Biomedical Engineering Systems</li> </ul>	1040
	M. E. ( Electronics & Tele. / Electronics & Communication ) <b>Communication Engg.</b>	<ul style="list-style-type: none"> <li>▪ Advanced Communication Systems.</li> </ul>	1040
	M.E. (Mechanical) General	<ul style="list-style-type: none"> <li>▪ Advanced Heat Transfer</li> </ul>	1010
	M. E. (Mechanical) Thermal Engineering	<ul style="list-style-type: none"> <li>▪ Advanced Heat Transfer</li> </ul>	1010
	M. E. (Civil ) Infrastructure Engineering & Management	<ul style="list-style-type: none"> <li>▪ Construction Planning Scheduling &amp; Management</li> </ul>	1010
	M. E. ( E & T. C) VLSI & Embedded System Design.	<ul style="list-style-type: none"> <li>▪ Microprocessor &amp; Microcontroller Interfacing</li> </ul>	1010
	M. E. ( Electrical Power System )	<ul style="list-style-type: none"> <li>▪ Power System Optimization Techniques</li> </ul>	1010











**M.E. (All Branches)  
Exam. May/June 2017**



Day & Date	Subject & Time 10.00 a.m. to 1.00 p.m.	Sub Code
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**SEM : II**

<b>01.06.2017 Thursday</b>	M.E. (Mechanical) Computer Aided Analysis & Design	▪	Design & Synthesis of Mechanism	1090
	M. E. (Mechanical) Machine Design		Design & Synthesis of Mechanism	1080

**SEM : I**

<b>02.06.2017 Friday</b>	M.E. (Mechanical) Computer Aided Analysis & Design	▪	Machine Design (Sem-I)	1030
	M. E. (Mechanical) Thermal Engineering		Measurement Techniques & Data Analysis	1040
	M.E. (Mechanical) General		Measurement Techniques & Data Analysis <b>ELECTIVE-I</b>	1052

**SEM : II**

<b>03.06.2017 SATURDAY</b>	M. E. (Civil ) Building Science & Technology		Construction Cost Dynamics	1110
	M. E. (Civil ) Environmental Engineering		Advanced Water Treatment Technology	1080
	M. E. (Civil ) Construction Tech. & Management		Resource Management	1080
	M. E. (Civil ) Infrastructure Engineering & Management		Construction Methods & Equipment Management	1060
	M.E. (Mechanical) General		Optimization Techniques	1060
	M.E. (Mechanical) Computer Aided Analysis & Design		Optimization Techniques	1060
	M. E. (Mechanical) Thermal Engineering		Numerical Methods in Thermal and Fluid Engineering	1110
	M. E. (Computer Science & Engineering )		Advanced Database Management Systems	1060
	M. E. ( E & T.C) VLSI & Embedded System Design		Real Time Operating System	1060
	M.E. (Electronics & Telecommunication) <b>Digital Electronics</b>		Image Processing & Pattern Recognition	1080
	M.E. Electronics & Telecommunication) <b>Digital Systems</b>		Computer Networks	1080
	M. E. (Electronics & Tele. / Electronics & Communication) <b>Communication Engg.</b>		Advanced Digital Image Processing	1080
	M.E. (Electrical Power System )		High Voltage Power Transmission	1110
	<b>05.06.2017 MONDAY</b>	M. E. (Mechanical) Thermal Engineering	▪	Computational Fluid Dynamics
M.E. (Mechanical) General		▪	Computational Fluid Dynamics <b>ELECTIVE-II</b>	1102
M.E. (Mechanical) Computer Aided Analysis & Design		▪	Computational Fluid Dynamics <b>ELECTIVE-II</b>	1103

**\*Please Note the Timing**

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NMU /M.E../7B /1378 /2017  
Date : 15/3/2017

**DR. D.N.GUJARATHI  
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