

## **NORTH MAHARASHTRA UNIVERSITY, JALGAON**

Circular No. **78** of 2011

**Programme of the T. E. (All Branches) Examinations, May, 2011**

1. Candidates are required to be present at their respective places of the Examinations fifteen minutes before the time for the paper.
2. Candidates are forbidden to take any Study 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. 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.
7. Use of non-programmable, battery operated Electronic Calculator of pocket size is allowed. The Exchange of Calculator is not allowed.
8. 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.
9. All the affiliated Engineering Colleges will be the centres for T.E. Examinations. The students of the colleges will appear at their respective college centre only.
10. University reserves right to make timely changes in examination time-table.
11. The written examinations will be conducted in the following order...

### **TIME - TABLE**

<b>Day &amp; Date</b>	<b>Subject &amp; Time</b> <b>02.00 p.m. to 05.00 pm.</b>	
<b>TERM : II ( July – 2007 Course : New )</b>		
Tuesday, 03.05.2011	T. E. (Civil)	▪ *Structural Design & Drawing - II * Time : 2.00 pm to 6.00 pm
	T.E. ( Mech. / Auto. / Production)	▪ Engineering Metallurgy
	T. E. (Electronics )	▪ Mechatronics
	T.E. (Electronics & Tele. / E & C)	▪ Power Electronics
	T.E. (Electrical)	▪ Power Electronics
	T.E. (Instrumentation)	▪ Power Electronics
	T.E. (Computer)	▪ Analysis & Design of Algorithms
	T.E. (Info. Tech.)	▪ Management Information Systems
	T.E. (Chemical)	▪ Instrumentation & Instru. Analysis
T.E. (Biotechnology)	▪ Instrumentation & Process Control	
<b>TERM : II ( July - 2001 Course : Old )</b>		
	T.E. (Electronics )	▪ Industrial Electronics (305206)

**T.E. (All Branches)** [ Course : July, 2001 – Old ]  
[ Course : July, 2007 – New ]  
**Examinations, May, 2011**

Day & Date	Subject & Time 02.00 p.m. to 05.00 pm.	
<b>TERM : I ( July – 2007 Course : New )</b>		
Thursday, 05.05.2011	T. E. (Civil)	▪ Geotechnical Engineering – I
	T.E. ( Mech.)	▪ Numerical Analysis & Computational Methods
	T.E. (Production)	▪ Advanced Manufacturing & Forming Process
	T.E. (Automobile)	▪ * CAD / CAM * ( Time : 2.00 pm to 6.00 pm )
	T.E. (Instrumentation)	▪ Microprocessor Techniques
	T.E. (Computer / Info. Tech.)	▪ Theory of Computer Science
	T.E. (Chemical)	▪ Chemical Engineering Thermodynamics
	T. E. ( Biotechnology )	▪ Bio Process Principles
<b>TERM : I ( July – 2001 Course : Old )</b>		
	T.E. (Electrical)	▪ Applied Electronics-II (305141)
	T.E. (Info. Tech.)	▪ Microprocessor & Interfacing (Old)
	T.E. (Electronics)	▪ Microprocessor
	T. E. ( E & C & E.TC.)	▪ Microprocessor Techniques
	T.E. (Production)	▪ Basic Machining Process (Old) (311081)
<b>TERM : II ( July – 2007 Course : New )</b>		
Sunday, 08.05.2011	T. E. (Civil)	▪ Theory of Structures - II
	T.E. ( Mech.)	▪ * Machine Design - II * Time : 2.00 pm to 6.00 pm
	T.E. (Automobile)	▪ Automobile Systems
	T.E. (Production)	▪ Tool Engineering - II
	T.E. (E.& T.C./ E & C / Elex)	▪ Electronics Measurements
	T.E. (Electrical)	▪ Electrical Measurement - II
	T.E. (Instrumentation)	▪ Discrete Control System & Mat.lab
	T.E. (Computer / Info. Tech.)	▪ Operating Systems
	T.E. (Chemical)	▪ Chemical Reaction Engg. - I
	T.E. (Biotechnology)	▪ Biological Thermodynamics
<b>TERM : II ( July - 2001 Course : Old )</b>		
	T.E. (Mechanical)	▪ Mechanical Measurement & Control (Old) (302047)
	T.E. (Computer)	▪ Computer Organization (Old) (305247)
	T.E. (Info. Tech.)	▪ Multimedia Techniques (Old - 1 <sup>st</sup> Term) (305445)
	T.E. (Production)	▪ Operation Research (303029) ▪ Cutting Tool Engineering (Old) (303029)

**T.E. (All Branches)** [ Course : July, 2001 – Old ]  
 [ Course : July, 2007 – New ]  
**Examinations, May, 2011**

Day & Date	Subject & Time 02.00 p.m. to 05.00 pm.	
<b>TERM : I ( July – 2007 Course : New )</b>		
Tuesday, 10.05.2011	T. E. (Civil)	▪ Numerical Methods Application in Civil Engineering
	T.E. ( Mech. / Automobile )	▪ Theory of Machine – II
	T.E. (Production )	▪ Personal Management & Industrial Relations
	T. E. (Electronics )	▪ Medical Electronics
	T.E. (Electronic & Telecommunications / E & C)	▪ Digital Communication
	T.E. (Electrical)	▪ Power System – II
	T.E. (Instrumentation)	▪ Unit Operation
	T.E. (Computer / Info. Tech.)	▪ Computer Network
	T.E. (Chemical)	▪ Chemical Processes – II
T. E. ( Biotechnology )	▪ Chemical Reaction Engineering	
<b>TERM : I ( July – 2001 Course : Old )</b>		
	T.E. ( E &TC / E & C)	▪ Electronic Design-I
	T.E. (Production)	▪ Work Study, Ergonomics & Safety (303017)
<b>TERM : II ( July – 2007 Course : New )</b>		
Saturday, 14.05.2011	T. E. (Civil)	▪ Geotechnical Engineering - II
	T.E. ( Mech.)	▪ Turbo Machinery
	T.E. (Automobile)	▪ Automobile Engines
	T.E. (Electronics / Electronics & Telecommunications / E & C)	▪ Electronics Circuit Design
	T.E. (Electrical)	▪ Control System - I
	T.E. (Instrumentation)	▪ Analytical Instrumentation
	T.E. (Production)	▪ Ind. Hydraulics and Pneumatics
	T.E. (Computer)	▪ Microprocessor - III
	T.E. (Info. Tech.)	▪ Web Design
	T.E. (Chemical)	▪ Mass Transfer - II
	T.E. (Biotechnology)	▪ Mass Transfer - II
<b>TERM : II ( July - 2001 Course : Old )</b>		
	T.E. (Electronics & Telecommunications)	▪ Electronic Design - II
	T.E. ( Electronics )	▪ Microprocessors and Microcomputer
	T.E. (Electrical)	▪ Microprocessor Fundamentals and Application
	T.E. (Production)	▪ Jigs Fixtures & Press Tools ( <b>Old</b> )

**T.E. (All Branches)** [ Course : July, 2001 – Old ]  
 [ Course : July, 2007 – New ]  
**Examinations, May, 2011**

Day & Date	Subject & Time 02.00 p.m. to 05.00 pm.	
<b>TERM : I ( July – 2007 Course : New )</b>		
Monday, 16.05.2011	T. E. (Civil)	▪ Fluid Mechanics – II
	T.E. ( Mech. / Automobile )	▪ Internal Combustion Engine
	T.E. ( Production)	▪ Tool Engineering – I
	T.E. (Electronics / Electronic & Telecommunications / E & C)	▪ Feedback Control System
	T.E. (Electrical)	▪ Electrical Machines – II
	T.E. (Instrumentation)	▪ Linear Techniques
	T.E. ( Computer )	▪ Microprocessor - II
	T.E. ( Info. Tech.)	▪ Multimedia Techniques
	T.E. (Chemical)	▪ Mass Transfer – I
T. E. ( Biotechnology )	▪ Mass Transfer - I	
<b>TERM : I ( July – 2001 Course : Old)</b>		
	T.E. (Production)	▪ Principles of Management
	T.E. (Infor. Tech.)	▪ Microprocessor - II
	T.E. ( Computer )	▪ Microprocessor Systems (Old) (305242)
	T.E. ( Infor. Tech.)	▪ Data Communication (Old) (305442)
	T.E. ( Production)	▪ Moulding and Joining (Old) (311082)
<b>TERM : II ( July – 2007 Course : New )</b>		
Wednesday, 18.05.2011	T. E. (Civil)	▪ Transportation Engineering - II
	T.E. ( Mech. / Auto & Production)	▪ Mech. Measurement and Metrology
	T.E. (Electronics & Telecommunications / E & C)	▪ Information Theory and Coding Tech.
	T.E. (Electronics)	▪ Electronics Communication
	T.E. (Electrical)	▪ Electrical Machine Design - I
	T.E. (Instrumentation)	▪ Microcontroller & Application
	T.E. (Computer / Info. Tech.)	▪ Database Management System
	T.E. (Chemical)	▪ * Process Equip. Design and Drawing - II * (Time : 02.00 pm to 06.00 pm)
	T.E.(Biotechnology)	▪ Biotechnology of Waste Treatment
<b>TERM : II ( July - 2001 Course : Old )</b>		
	T.E. (Civil)	▪ Project Management & Computer Application (301005) (Course : July)
	T.E. ( E & TC / E&C )	▪ Communication System-I
	T.E. (Electrical)	▪ Principles of Electrical Machine Design
	T.E. (Instrumentation)	▪ Computer Techniques
	T.E. (Computer)	▪ Signals & Systems (Old) (305244) ( 1 <sup>st</sup> Term ) (Course : July)
	T.E. (Electronics )	▪ <b>TERM : I (Old)</b> Electronic Communication-I (305203)

**T.E. (All Branches)** [ Course : July, 2001 – Old ]  
 [ Course : July, 2007 – New ]  
**Examinations, May, 2011**

Day & Date	Subject & Time 02.00 p.m. to 05.00 pm.	
<b>TERM : I ( July – 2007 Course : New )</b>		
Friday, 20.05.2011	T. E. (Civil)	▪ *Structural Design & Drawing – I * (Time : 02.00 pm to 6.00 pm)
	T.E. ( Mech.)	▪ *Machine Design – I * (Time : 02.00 pm to 6.00 pm)
	T.E. (Production)	▪ Machine Design
	T.E. (Automobile)	▪ Design of Machine Element * (Time : 02.00 pm to 6.00 pm)
	T.E. (Electronics / Electronic & Telecommunications / E & C)	▪ Microprocessor & Microcontroller System
	T.E. (Electrical)	▪ Microprocessor & Microcontroller
	T.E. (Instrumentation)	▪ Control System Components
	T.E. (Computer / Info. Tech.)	▪ System Programming
	T.E. (Chemical)	▪ *Process Equipment Design & Drawing- I * ( Time : 02.00 pm to 06.00 pm)
T. E. ( Biotechnology )	▪ Molecular Biology & Genetic Engineering	
<b>TERM : I ( July – 2001 Course : Old )</b>		
	T.E. (Electronics )	▪ Electronic Circuits Design
<b>TERM : I ( July – 2007 Course : New )</b>		
Monday, 23.05.2011	T. E. (Civil)	▪ Transportation Engineering – I
	T.E. ( Mech./Automobile)	▪ Heat & Mass Transfer
	T.E. ( Production )	▪ Applied Thermodynamics
	T.E. (Electronics / Electronic & Telecommunications / E & C)	▪ Network Analysis & Synthesis
	T.E. (Electrical)	▪ Electrical Installation Estimation & Distribution
	T.E. (Instrumentation)	▪ Electronic Instrumentation
	T.E. (Computer / Info. Tech. )	▪ Computer Graphics
	T.E. (Chemical)	▪ Process Heat Transfer
	T. E. ( Biotechnology )	▪ Enzyme Engineering
<b>TERM : I ( July – 2001 Course : Old )</b>		
	T.E. (Production)	▪ Plant Layout & Material Handling (303019)
	T.E. (Computer)	▪ Numerical Computation & Programming (305245) (Course : July, 2000)

**T.E. (All Branches)** [ Course : July, 2001 – Old ]  
[ Course : July, 2007 – New ]  
**Examinations, May, 2011**

Day & Date	Subject & Time 02.00 p.m. to 05.00 pm.																				
<b>TERM : II ( July – 2007 Course : New )</b>																					
Wednesday, 25.05.2011	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">T. E. (Civil)</td> <td>▪ Environmental Engineering - I</td> </tr> <tr> <td>T.E. ( Mech.)</td> <td>▪ Project and Business Management</td> </tr> <tr> <td>T.E. (Automobile)</td> <td>▪ Transport Management and Safety Regulation</td> </tr> <tr> <td>T.E. (Electronics / Electronics &amp; Tele. / E &amp; C. )</td> <td>▪ Analog Integrated Circuits and Appl.</td> </tr> <tr> <td>T.E. (Electrical)</td> <td>▪ Industrial Organization &amp; Management</td> </tr> <tr> <td>T.E. (Instrumentation)</td> <td>▪ Communication Engg. &amp; Telemetry</td> </tr> <tr> <td>T.E. (Production)</td> <td>▪ Machine Tools &amp; Product Design</td> </tr> <tr> <td>T.E. (Computer / I. T.)</td> <td>▪ Software Engineering</td> </tr> <tr> <td>T.E. (Chemical)</td> <td>▪ Mathematical Methods in Chem. Engg.</td> </tr> <tr> <td>T.E. (Biotechnology)</td> <td>▪ Fermentation Biotechnology - I</td> </tr> </table>	T. E. (Civil)	▪ Environmental Engineering - I	T.E. ( Mech.)	▪ Project and Business Management	T.E. (Automobile)	▪ Transport Management and Safety Regulation	T.E. (Electronics / Electronics & Tele. / E & C. )	▪ Analog Integrated Circuits and Appl.	T.E. (Electrical)	▪ Industrial Organization & Management	T.E. (Instrumentation)	▪ Communication Engg. & Telemetry	T.E. (Production)	▪ Machine Tools & Product Design	T.E. (Computer / I. T.)	▪ Software Engineering	T.E. (Chemical)	▪ Mathematical Methods in Chem. Engg.	T.E. (Biotechnology)	▪ Fermentation Biotechnology - I
T. E. (Civil)	▪ Environmental Engineering - I																				
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T.E. (Biotechnology)	▪ Fermentation Biotechnology - I																				
<b>TERM : II ( July - 2001 Course : Old )</b>																					
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">T.E. (Civil)</td> <td>▪ Engineering Economics, Contracts &amp; Tenders (Old) (301009) ( Course : July)</td> </tr> <tr> <td>T.E. (Instrumentation)</td> <td>▪ Engineering Economics &amp; Resource Management (305270)</td> </tr> <tr> <td>T.E. (Computer / Info. Tech)</td> <td>▪ Instrumentation &amp; Diagnostics Tools (Old) (305250)</td> </tr> </table>	T.E. (Civil)	▪ Engineering Economics, Contracts & Tenders (Old) (301009) ( Course : July)	T.E. (Instrumentation)	▪ Engineering Economics & Resource Management (305270)	T.E. (Computer / Info. Tech)	▪ Instrumentation & Diagnostics Tools (Old) (305250)														
T.E. (Civil)	▪ Engineering Economics, Contracts & Tenders (Old) (301009) ( Course : July)																				
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T.E. (Computer / Info. Tech)	▪ Instrumentation & Diagnostics Tools (Old) (305250)																				
<b>TERM : I ( July – 2007 Course : New )</b>																					
Friday, 27.05.2011	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">T.E. (Electronics / Electronic &amp; Telecommunications / E &amp; C / Electrical )</td> <td>▪ Electromagnetic Engineering</td> </tr> </table>	T.E. (Electronics / Electronic & Telecommunications / E & C / Electrical )	▪ Electromagnetic Engineering																		
T.E. (Electronics / Electronic & Telecommunications / E & C / Electrical )	▪ Electromagnetic Engineering																				
<b>TERM : II ( July - 2001 Course : Old )</b>																					
Monday, 30.05.2011	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">T.E. (E&amp;TC / E&amp;C)</td> <td>▪ Microprocessor Interfacing and Peripherals</td> </tr> <tr> <td>T.E. (Computer)</td> <td>▪ Data Communication ( Old )</td> </tr> </table>	T.E. (E&TC / E&C)	▪ Microprocessor Interfacing and Peripherals	T.E. (Computer)	▪ Data Communication ( Old )																
T.E. (E&TC / E&C)	▪ Microprocessor Interfacing and Peripherals																				
T.E. (Computer)	▪ Data Communication ( Old )																				

**\* Please Note the Timing.**

Post Box No. 80,  
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NMU / T.E. / 7-B / 237 / 2010  
Date : 21 / 03 / 2010

**Dr. M. M. Pawar**  
**Controller of Examinations**

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