

# UNIVERSITY OF PUNE



Phone : 020-25601218  
 Fax : 020-25601206  
 Email : [coe@unipune.ac.in](mailto:coe@unipune.ac.in)  
 Web : <http://www.unipune.ac.in>

**EXAMINATION SECTION**  
 Ganeshkhind, Pune - 411 007  
 (Maharashtra) INDIA

**T.E. ( All Branches ) November, 2011.**

## Examination Circular No. 146 of 2011

### **REVISED PROGRAMME OF T. E. [ ALL BRANCHES ( SEMESTER I & II ) 2003 AND 2008 COURSE ] EXAMINATIONS, NOVEMBER, 2011**

- Candidates are required to be present at their places of examination, **fifteen minutes** before the time of the first paper and **ten minutes** before the time of each subsequent papers.
- Candidates are forbidden from taking any material in to the examination hall that can be used for malpractice at the time of examination.
- No request for any special concession such as a change in time or any day fixed for the University Examination on religious or any other ground shall be granted.
- Candidates are requested to see the Notice -Board at their place of examination regularly for changes if any, that may be notified later in the programme.
- Candidates are requested to note the Day, Date and Time of every Paper on every Day.**
- Candidates are permitted to use stencils at the time of examination.
- Candidates appearing for the examinations are expected to provide themselves with side - rules.
- The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
- Use of non-programmable battery operated electronic Calculators of Pocket-size is allowed. The exchange of Calculators is not allowed.
- The Centers and Places of the examination will be as follows :

#### **1. PUNE :**

<b>Sr. No.</b>	<b>College Code</b>	<b>Centers and Places of the Examinations</b>
<b>1</b>	<b>2</b>	Maharashtra Institute of Technology, Pune 411 038.
<b>2</b>	<b>4</b>	Vishwakarma Institute of Technology, Pune 411037.
<b>3</b>	<b>5</b>	Pune Institute of Computer Technology, Pune 411043.
<b>4</b>	<b>6</b>	Cusrow Wadia Institute of Technology, Pune 411001.
<b>5</b>	<b>7</b>	P.V.G.'s C.O.E.T., Pune 411009.
<b>6</b>	<b>8</b>	Pad. Dr. D.Y. Patil College of Engineering, Nigdi, Pune 411044.
<b>7</b>	<b>19</b>	College of Engineering, Malegaon (Bk.), Tal. Baramati, Dist – Pune 413115.
<b>8</b>	<b>20</b>	H.S.S.S.'s Cummins College of Engineering for Women, Pune 411052.
<b>9</b>	<b>21</b>	A.I.S.S.M.S.'s Institute of Technology, Pune 411001. <b>(Repeater Students of P.I.E.T. College of Engineering, Shivajinagar, Pune -05. also. )</b>
<b>10</b>	<b>22</b>	Army Institute of Technology, Dighi Hills, Pune 411015.

11	23	Sinhgad College of Engineering, Vadgaon Bk., Pune 411041.
12	24	Pad. Dr. D.Y. Patil Institute of Engineering & Technology, Pimpri, Pune 411018.
13	25	A.I.S.S.M.S.'s Institute of Information Technology, Kennedy Road, Pune 411001.
14	26	P.D.E.S.'s A.G. Awate College of Engineering, Hadapsar, Pune 411028.
15	28	MAEER'S Maharashtra Academy of Engineering, Kedgaon Alandi, Dist. Pune.
16	30	G.S. Moze College of Engineering, Balewadi, Pune.
17	31	P.E.S.'s Modern College of Engineering, Pune 411005.
18	32	M.E.S.'s College of Engineering, Pune 411001.
19	33	Pimpri-Chinchwad Education Trust's College of Engineering, Nigdi, Pune 411044.
20	34	Bharati Vidyapeeth's College of Engineering for Women, Pune 411043 <b>(Repeater Students of Bharati Vidyapeeth's COE, Dhankawadi, Pune 411043 also. )</b>
21	35	VP's College of Engineering, Vidyanagari, Bhingwan Road, Tal. Baramati. Dist Pune.
22	36	Smt. Kashibai Navale College of Engineering for Women, Vadgaon Bk., Pune - 41.
23	37	Rajarshi Shahu College of Engineering, Tathwade, Pune 411 013.
24	38	MAEER's Maharashtra Institute of Technology, College of Engineering. Pune - 411038.
25	39	V.I.I.T. College of Engineering, Sr. No. 2/3/4, Kondhwa (Bk.), Pune 411 048.
26	40	J.S.P.M.'s Jayawantrao Sawant College of Engineering, Handewadi Road, Hadapsar, Pune 411028.
27	42	Sinhgad Tech. Edu. Soc.'s Sinhgad Inst. of Tech., Kusgaon (BK), Lonawala, Tal. Mawal, Dist. Pune.
28	43	Sinhgad Academy of Engineering, Kondhwa (BK), Pune 411 048.
29	44	Siddhant College of Engineering, Chakan - Talegoan Road, Sudumbare, Dist. Pune - 412 109.
30	45	Marathwada Mitra Mandal College of Engineering , Pune – 411 052.
31	46	G.H. Rasoni College of Engineering, Wagholi, Pune 412 207.
32	48	S.S.M.S. Padmabhushan Vasantdada Patil Inst. Of Tech, Bawadhan (Kd), Pune. 411038.
33	49	P.G..M.T's Parvatibai Genba Moze College of Engineering, Wagholi, Pune - 412012.
34	51	J.S.P.M's Imperial College of Engineering & Research, Pune - Nagar Road, Wagholi, Pune. 412 012.
35	52	S.C.E.S's Indira College of Engineering & Magt. Paranwadi Tal. Maval, Pune.
36	53	Z.E.S's Dnyanganga college of Engineering & Research, S.N. 39, Narhe, Tal. Haveli Dist. Pune 411 041.
37	54	G.H. Rasoni Institute of Engineering & Technology, Gat No. 120 Pune-Nagar Road, Wagholi, Pune –412207
38	55	Nutan Maharashtra Institute of Engineering & Technology, Vishnupuri, Talegaon Station, Tal. Maval, Dist. Pune – 410 507.

<b>39</b>	<b>57</b>	STE'S SIT & Science, Nehre Ambegaon, Pune – 411 041.
<b>40</b>	<b>59</b>	MMM'S Institute of Technology, Sr. No. 35 Plot No. 516 Lohagaon, Tal. Haveli, Dist. Pune – 411 032.
<b>41</b>	<b>60</b>	DPE'S, Dhole Patil COE, 1284 Ubalenagar, Wagholi, Tal. Havelil. Dist. Pune.
<b>42</b>	<b>63</b>	Al-Amin Educational & Medical Foundation's College of Engineering, Bhima Koregaon, Tal. Shirur, Dist - Pune 412 216.
<b>43</b>	<b>65</b>	K.J.S. Edu. Society, Trinity COE & Research, Sr. No. 25/27, Undri-Pisoli, Bopdeo Ghat Tal. Haveli. Dist - Pune.

## 2) AHMEDNAGAR:

<b>44</b>	<b>9</b>	Padmashri Dr. V. Vikhe Patil College of Engineering, Ahmednagar.
<b>45</b>	<b>10</b>	Amrutvahini College of Engineering, Sangamner, Dist. Ahmednagar
<b>46</b>	<b>11</b>	Pravra Rural College of Engineering, Pravaranagar (Loni), Dist. Ahmednagar.
<b>47</b>	<b>12</b>	College of Engineering, Kopargaon, Dist. Ahmednagar.
<b>48</b>	<b>64</b>	Vishwabharati Academy's COE, Jamkhed Road, at. Sarola Baddi. Dist. Ahmednagar.
<b>49</b>	<b>66</b>	SGR Edu. Foundation COE, & Management, Gat. No. 1030, at. Chas, Dist. Ahmednagar.

## 3) NASHIK:

<b>50</b>	<b>13</b>	K.K. Wagh College of Engineering, Dist. Nashik,
<b>51</b>	<b>27</b>	P.R.E.S's., Sir .Vishveshwarayya Memorial College of Enggi., Chincholi, Tal. Sinner, Dist. Nashik.
<b>52</b>	<b>29</b>	M.V.P. K.B. Thakare, College of Engineering, Gangapur, Dist. Nashik.
<b>53</b>	<b>41</b>	S.N.J.B.'s Late Sou. Kantabai Bhavarlal Jain College of Engineering, Neminagar, Chandwad, Nashik 423 101.
<b>54</b>	<b>47</b>	M.E.T. College of Engineering, Adgaon, Dist. Nashik.
<b>55</b>	<b>50</b>	S.N.D. College of Engineering, Nagar –Manmad Road, Babhulgaon, Tal. Yeola, Dist. Nashik.
<b>56</b>	<b>58</b>	Matoshree College of Engineering & Research, Eklahare, Dist. Nashik – 423 401.
<b>57</b>	<b>61</b>	Sandeep Institute of Technology & Research Centre, at Mahirwani, Dist. Nashik.
<b>58</b>	<b>62</b>	Nashik Gramin S.P.M.'s Bramha Vally, COE, & Research, at. Anjaneri, Tal.Trambakeshwar, Nashik.

11. The Written Examination will be conducted in the following order :

### Semester II : Time 10.00a.m. to 1.00p.m.

Day & Date	T.E. (Civil) (2003 Course) 1	T.E. (Civil) (2008 Course) 2	T.E. (Mechanical) (2003 Course) 3	T.E. (Mechanical) (2008 Course) 4
<b>Tuesday, 15.11.2011</b>	Transportation Engg. I (301010)	Hydrology & Water Resources Engineering (301006)	Transmission Systems Design (302047) <b>* 10.00a.m. to 2.00p.m</b>	Machine Design – II (302047) <b>* 10.00a.m. to 2.00p.m</b>
<b>Wednesday, 16.11.2011</b>	Theory of Structures II (301001) <b>Sem. I</b>	Foundation Engineering (301010)	Fluid Machinery (302050)	Turbo Machines (302049)
<b>Thursday, 17.11.2011</b>	Environmental Engineering I (301009)	Environmental Engineering I (301009)	Tribology (302049)	Mechatronics (302050)
<b>Friday, 18.11.2011</b>	Structural Design II (301008) <b>* 10.00a.m. to 2.00p.m</b>	Structural Design II (301008) <b>* 10.00a.m. to 2.00p.m</b>	Metrology & Quality Control (311048)	Metrology & Quality Control (311048)
<b>Saturday, 19.11.2011</b>	Project Management & Computer Application (301007)	Project Management & Engineering Economics (301007)	Refrigeration & Air Conditioning (302051)	Refrigeration & Air Conditioning (302051)

### Semester I : Time 2.30 P.M. to 5.30 P.M.

Day & Date	T.E. (Civil) (2003 Course) 1	T.E. (Civil) (2008 Course) 2	T.E. (Mechanical) (2003 Course) 3	T.E. (Mechanical) (2008 Course) 4
<b>Wednesday, 23.11.2011</b>	Geotechnical Engineering (301004)	Structural Analysis – II (301001)	Design of Machine Elements (302041) <b>* 2.30 p.m. to 6.30 p.m.</b>	Machine Design – I (302041) <b>* 2.30 p.m. to 6.30 p.m</b>
<b>Friday, 25.11.2011</b>	Advanced Surveying (301006) <b>Sem. II</b>	Advanced Surveying (301005)	Computer Oriented Numerical Methods (302045)	Computer Oriented Numerical Methods (302045)
<b>Monday, 28.11.2011</b>	Structural Design I (301003) <b>* 2.30 p.m. to 6.30 p.m.</b>	Structural Design I (301003) <b>* 2.30 p.m. to 6.30 p.m.</b>	Heat Transfer (302042)	Heat Transfer (302042)
<b>Wednesday, 30.11.2011</b>	Fluid Mechanics II (301002)	Fluid Mechanics II (301004)	Theory of Machines & Mechanisms II (302043)	Theory of Machines - II (302043)
<b>Friday, 02.12.2011</b>	Construction Techniques & Machinery (301005)	Infrastructure Engg. & Construction Techniques (301002)	Industrial Engineering & Management (302044)	Industrial Engineering & Technology Management (302044)

**\* Please note the Timing**

## Semester II : Time 10.00a.m. to 1.00p.m.

Day & Date	T.E. (Mechanical Sandwich) (2003 Course) 5	T.E. (Mechanical Sandwich) (2008 Course) 6	T.E. (Electrical) (2003 Course) 7	T.E. (Electrical) (2008 Course) 8
<b>Tuesday, 15.11.2011</b>	Thermal Engineering II (302064)	Theory of Machine & Machine Design – II (302064) <b>* 10.00a.m. to 2.00p.m</b>	Microcontroller & its Applications (303146)	Energy Audit & Management (303146)
<b>Wednesday, 16.11.2011</b>	Theory of M/c & M/c Design II (302065) <b>* 10.00a.m. to 2.00p.m</b>	Turbo Machines (302045)	Power Systems - II (303145)	Power Systems - II (303145)
<b>Thursday, 17.11.2011</b>	Mechatronics (402043)	Mechatronics (302065)	Power Electronics (303147)	Design of Electrical Machines (303148)
<b>Friday, 18.11.2011</b>	.....	Tribology (302066)	Electrical Installation Maintenance & Testing (303149)	Control System I (303149) <b>* 10.00 a.m. to 2.00 p.m.</b>
<b>Saturday, 19.11.2011</b>	.....	.....	Electrical Machine III (303148)	Utilization of Electrical Energy (303147)

## Semester I : Time 2.30 P.M. to 5.30 P.M.

Day & Date	T.E. (Mechanical Sandwich) (2003 Course) 5	T.E. (Mechanical Sandwich) (2008 Course) 6	T.E. (Electrical) (2003 Course) 7	T.E. (Electrical) (2008 Course) 8
<b>Wednesday, 23.11.2011</b>	.....	.....	Microprocessor Fundamentals & Applications (303141)	Micro-controller Applications (303141)
<b>Friday, 25.11.2011</b>	Computer Oriented Numerical Methods (302045) <b>Sem. II</b>	.....	Electrical Machines II (303142)	Electrical Machines II (303142)
<b>Monday, 28.11.2011</b>	Heat Transfer (302042) <b>Sem. II</b>	Heat Transfer (302042) <b>Sem. II</b>	Design of Electrical Machines (303143)	Power Electronics (303143)
<b>Wednesday, 30.11.2011</b>	Elective I (302061) 1. Welding Technology 2. Manufacturing Management 3. Behavioural Science 4. Plant Engineering	Elective I (Self Study) (302061) 1. Production Management 2. Behavioural Science 3. Welding Technology	Control System I (303144) <b>* 2.30 p.m. to 6.30 p.m.</b>	Electrical Installation Maintenance & Testing (303144)
<b>Friday, 02.12.2011</b>	.....	.....	Management Techniques (311121)	Engineering Economics & Management (311121)

**\* Please note the Timing**

## Semester II : Time 10.00a.m. to 1.00p.m.

Day & Date	T.E. (Electronics) (2003 Course) <b>9</b>	T.E. (Electronics) (2008 Course) <b>10</b>	T.E. (E.& TC ) (2003 Course) <b>11</b>	T.E. (E.& TC ) (2008 Course) <b>12</b>
<b>Tuesday, 15.11.2011</b>	Power Electronics (304189)	Drives and Controls (304207)	Power Electronics (304189)	Signal Coding and Estimation Theory (304187)
<b>Wednesday, 16.11.2011</b>	Electromagnetic Waves & Radiating Systems (304191)	Sensors & Interfaces (304208)	Electromagnetic Waves and Radiating Systems (304191)	System Programming and OS (304188)
<b>Thursday, 17.11.2011</b>	Advanced Microprocessor (304188)	Microcomputer Based Systems (304209)	Advanced Microprocessors (314188)	Computer Organization and Architecture (304189)
<b>Friday, 18.11.2011</b>	Digital Signal Processing (304190)	Industrial Management (304210)	Digital Signal Processing (304190)	Industrial Management (304190)
<b>Saturday, 19.11.2011</b>	Information Theory & Coding Techniques (304192)	Discrete Time Signal Processing (304211)	Information Theory & Coding Techniques (304192)	Wave Theory and Antennas (304191)

## Semester I : Time 2.30 P.M. to 5.30 P.M.

Day & Date	T.E. (Electronics) (2003 Course) <b>9</b>	T.E. (Electronics) (2008 Course) <b>10</b>	T.E. (E.& TC ) (2003 Course) <b>11</b>	T.E. (E.& TC ) (2008 Course) <b>12</b>
<b>Wednesday, 23.11.2011</b>	Digital Design and Computer Organization (304181)	Feedback Control Systems (304201)	Digital Design and Computer Organization (304181)	Control Systems (304181)
<b>Friday, 25.11.2011</b>	Analog Integrated Circuits-Design & Application (304182)	Data Communication (304202)	Analog Integrated Circuits-Design & Application (304182)	Digital Communication (304182)
<b>Monday, 28.11.2011</b>	Digital Communication (304183)	Network Synthesis and Filter Design (304203)	Digital Communication (304183)	Network Synthesis and Filter Design (304183)
<b>Wednesday, 30.11.2011</b>	Microprocessor, Microcontroller & Applications (304184)	Microcontrollers (304204)	Microprocessor, Microcontroller & Applications (304184)	Microcontroller & Applications (304184)
<b>Friday, 02.12.2011</b>	Mechatronics (304185)	Power Electronics (304205)	Mechatronics (304185)	Digital Signal Processing (304185)

## Semester II : Time 10.00a.m. to 1.00p.m.

Day & Date	T.E. (Instrumentation & Control) (2003 Course) 13	T.E. (Instrumentation & Control) (2008 Course) 14	T.E. (Printing) (2003 Course) 15	T.E. (Printing) (2008 Course) 16
<b>Tuesday, 15.11.2011</b>	Digital Signal Processing (306266)	Digital Signal Processing Fundamentals (306267)	Printing Teletronics & Optoelectronics (304287)	Offset Machines II (308286)
<b>Wednesday, 16.11.2011</b>	Instrument System Design (306269)	Instrument System Design (306270)	Surface Preparation I (308288)	Statistical Process Control (308287)
<b>Thursday, 17.11.2011</b>	Process Plant Operation (306267)	Power Plant Instrumentation (306268)	Offset Machines I (308289)	Digital Workflow and Image Setting (308288)
<b>Friday, 18.11.2011</b>	Industrial Management (306270)	Control System Design (306271)	Digital Colour Imaging & Colour Management (308290)	Technology of Flexography (308289)
<b>Saturday, 19.11.2011</b>	Process Loop Components (306268)	Process Loop Components (306269)	Theory & Printing Machine & Machine Design (302291)	Theory of Printing Machine & Machine Design (302290) <b>* 10.00a.m. to 2.00p.m</b>

## Semester I : Time 2.30 P.M. to 5.30 P.M.

Day & Date	T.E. (Instrumentation & Control) (2003 Course) 13	T.E. (Instrumentation & Control) (2008 Course) 14	T.E. (Printing) (2003 Course) 15	T.E. (Printing) (2008 Course) 16
<b>Wednesday, 23.11.2011</b>	Micro-controller Techniques (306261)	Instrumentation for Chemical Analysis (306261)	Printing Network & Computer Graphics (308281)	Offset Machines I (308281)
<b>Friday, 25.11.2011</b>	Signals & Systems (306262)	Embedded System Design (306262)	Printing Process Instrumentation (308282)	Printing Network Technology & Opto - Electronics (308282)
<b>Monday, 28.11.2011</b>	Control System Components (306263)	Control System Components (306263)	Reprotechniques (308283)	Colour Management & Standardization (308283)
<b>Wednesday, 30.11.2011</b>	Electronics Instrumentation (306265)	Electronics Instrumentation (306264)	Design of Printing Machine Components (302284)	Design of Printing Machine Components (302285)
<b>Friday, 02.12.2011</b>	Analytical Instrumentation (306264)	Industrial Management (306265)	Technology of Print Finishing & Packaging (308285)	Management Information Systems and Cost Estimation (308284)

**\* Please note the Timing**

## Semester II : Time 10.00a.m. to 1.00p.m.

Day & Date	T.E. (Chemical) (2003 Course)	T.E. (Chemical) (2008 Course)	T.E. (Polymer) (2003 Course)	T.E. (Polymer) (2008 Course)
	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>
<b>Tuesday, 15.11.2011</b>	Transport Phenomena (309348)	Transport Phenomena (309348)	Polymer Chemistry II (309368)	Mathematical Methods for Polymer Engineers (309366)
<b>Wednesday, 16.11.2011</b>	Chemical Reaction Engineering I (309347)	Chemical Reaction Engineering I (309347)	Polymer Materials II (309369)	Polymer Chemistry II (309367)
<b>Thursday, 17.11.2011</b>	Chemical Process Technology (309349)	Chemical Engineering Design I (309349)	Instrumentation & Process Control (309370)	Instrumentation & Process Control (309368)
<b>Friday, 18.11.2011</b>	Industrial Organization and Management (307351)	Process Instrumentation & Control (309351)	Polymer Thermodynamics & Reaction Engineering (309371)	Polymer Processing Operations I (309369)
<b>Saturday, 19.11.2011</b>	Mass Transfer II (309350)	Mass Transfer II (309350)	Polymer Rheology Processing (309372)	Polymer Rheology (309370)

## Semester I : Time 2.30 P.M. to 5.30 P.M.

Day & Date	T.E. (Chemical) (2003 Course)	T.E. (Chemical) (2008 Course)	T.E. (Polymer) (2003 Course)	T.E. (Polymer) (2008 Course)
	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>
<b>Wednesday, 23.11.2011</b>	Chemical Engineering Mathematics (309341)	Chemical Engineering Mathematics (309341)	Mathematical Methods in Polymer Engineering (309361)	Mass Transfer and Reaction Engineering (309365)
<b>Friday, 25.11.2011</b>	Chemical Engineering Thermodynamics II (309345)	Chemical Engineering Thermodynamics II (309344)	Polymer Chemistry I (309362)	Polymer Chemistry I (309361)
<b>Monday, 28.11.2011</b>	Process Instrumentation & Instrumental Analysis (309343)	Chemical Process Technology (309343)	Polymer Materials I (309363)	Polymer Materials I (309362)
<b>Wednesday, 30.11.2011</b>	Process Equipment Design I (309344)	Industrial Organization and Management (307351)	Chemical Engineering Operations (309364)	Polymer Structure Property Relationship (309363)
<b>Friday, 02.12.2011</b>	Mass Transfer I (309342)	Mass Transfer I (309342)	Design & Equipment & Machine Elements (309365)	Design Equipment & Machinery Elements (309364)



## Semester II : Time 10.00a.m. to 1.00p.m.

Day & Date	T.E. (Petrochemical) (2003 Course)  21	T.E. (Petrochemical) (2008 Course)  22	T.E. (Petroleum) (2003 Course)  23	T.E. (Petroleum) (2008 Course)  24
<b>Tuesday, 15.11.2011</b>	Unit Processes in Organic Synthesis (312407)	Petrochemical Processes II (312410)	Petroleum Geology II (312387)	Petroleum Geology II (312386)
<b>Wednesday, 16.11.2011</b>	Mass Transfer Operations (312408)	Mass Transfer II (312408)	Properties of Reservoir Rocks & Fluids (312388)	Reservoir Engineering I (312387)
<b>Thursday, 17.11.2011</b>	Reaction Engineering I (312409)	Reaction Engineering I (312409)	Petroleum Production Engineering I (312389)	Petroleum Production Engineering I (312388)
<b>Friday, 18.11.2011</b>	Transport Phenomena (312410)	Transport Phenomena (312407)	Principles of Chemical Engineering II (312390)	Natural Gas Engineering (312389)
<b>Saturday, 19.11.2011</b>	Process Equipment Design (312411)	Process Equipment Design Drawing (312411)	Design & Petroleum Machinery (312391)	Petroleum Equipment Design Drawing (312390)

## Semester I : Time 2.30 P.M. to 5.30 P.M.

Day & Date	T.E. (Petrochemical) (2003 Course)  21	T.E. (Petrochemical) (2008 Course)  22	T.E. (Petroleum) (2003 Course)  23	T.E. (Petroleum) (2008 Course)  24
<b>Wednesday, 23.11.2011</b>	Chemical Process Industries (312401)	Numerical and Statistical Methods (312401)	Mathematical Methods for Petroleum Engineering (312381)	Numerical Methods and Geostatistics (312381)
<b>Friday, 25.11.2011</b>	Mathematics for Petrochemical Engineers (312402)	Applied Hydrocarbon Thermodynamics (312402)	Petroleum Geology I (312382)	Petroleum Geology I (312382)
<b>Monday, 28.11.2011</b>	Diffusion & Mass Transfer (312403)	Mass Transfer – I (312403)	Drilling & Production Operation (312383)	Drilling Operations (312383)
<b>Wednesday, 30.11.2011</b>	Chemical Engineering Thermodynamics (312404)	Petrochemical Processes – I (312404)	Principles of Chemical Engineering I (312384)	Hydrocarbon Properties and Thermodynamics (312384)
<b>Friday, 02.12.2011</b>	Process & Analysis Instrumentation (312405)	Instrumentation Instrumental Analysis (312405)	Petroleum Field Instrumentation & Control (312385)	Petroleum Production Operations (312385)

## Semester II : Time 10.00a.m. to 1.00p.m.

Day & Date	T.E. (Bio -Technology) (2003 Course) 25	T.E. (Bio -Technology) (2008 Course) 26	T.E. (Computer ) (2003 Course) 27	T.E. (Computer ) (2008 Course) 28
<b>Tuesday, 15.11.2011</b>	Instrumentation & Process Control (316285)	Reaction Engineering (315466)	Principles of Programming Languages (310249)	Principles of Programming Languages (310249)
<b>Wednesday, 16.11.2011</b>	Chemical Reaction Engineering I (309347)	Fermentation Technology II (315467)	Computer Networks (310250)	Computer Networks (310250)
<b>Thursday, 17.11.2011</b>	Computational Techniques & Process Modeling ( 316286)	Bioseparation I (315468)	Systems Programming (310252)	Systems Programming & Operating Systems (310252)
<b>Friday, 18.11.2011</b>	Industrial Organization and Management (307351) <b>Sem. - I</b>	Immunology and Diagnostics (315469)	Management Information Systems (310251)	Finance and Management Information Systems (310251)
<b>Saturday, 19.11.2011</b>	Mass Transfer II (309350)	Bioinformatics & Management (315470)	Software Engineering (310253)	Software Engineering (310253)

## Semester I : Time 2.30 P.M. to 5.30 P.M.

Day & Date	T.E. (Bio -Technology) (2003 Course) 25	T.E. (Bio -Technology) (2008 Course) 26	T.E. (Computer ) (2003 Course) 27	T.E. (Computer ) (2008 Course) 28
<b>Wednesday, 23.11.2011</b>	Immunology (316284) <b>Sem. II</b>	Genetics Engineering (315461)	Database Management Systems (310241)	Database Management Systems (310241)
<b>Friday, 25.11.2011</b>	Industrial Microbiology (316283)	Fermentation Technology I (315464)	Data Communications (310242)	Data Communications (310242)
<b>Monday, 28.11.2011</b>	Bioseparations (316282)	Heat Transfer (315463)	Microprocessor & Micro - Controllers (310243)	Microprocessor & Micro - Controllers (310243)
<b>Wednesday, 30.11.2011</b>	Bio-Chemistry II (316281)	Computational Techniques and Biostatistics (315465)	Digital Signal Processing (310244)	Digital Signal Processing (310244)
<b>Friday, 02.12.2011</b>	Mass Transfer I (309342)	Mass Transfer (315462)	Theory of Computation (310245)	Theory of Computation (310245)

## Semester II : Time 10.00a.m. to 1.00p.m.

Day & Date	T.E. (Production) (2003 Course) 29	T.E. (Production) (2008 Course) 30	T.E. (Production S/W) (2003 Course) 31	T.E. (Production S/W) (2008 Course) 32
<b>Tuesday, 15.11.2011</b>	Database & Information Technology for Production Engineering (311091)	Tool Design (311088) <b>* 10.00a.m. to 2.00p.m</b>	Database & Information Technology for Production Engineering (311091)	Kinematics Design of Machine (311124)
<b>Wednesday, 16.11.2011</b>	Manufacturing Processes II (311088)	Industrial Engineering & Quality Assurance (311089)	Manufacturing Processes II (311088)	Material Forming & Mould Design (311125)
<b>Thursday, 17.11.2011</b>	Machine Tools & Advance Manufacturing Systems (311087)	Machine Tools Engineering (311087)	Process Planning & Industrial Statistics (311124)	Production & Industrial Management II (311126)
<b>Friday, 18.11.2011</b>	Metrology & Quality Control (311089)	Numerical Techniques and Database (311090)	-----	Numerical Techniques and Database (311090)
<b>Saturday, 19.11.2011</b>	Die & Mould Design (311090) <b>* 10.00a.m. to 2.00p.m</b>	Production Metallurgy (311091)	Die & Mould Design (311090) <b>* 10.00a.m. to 2.00p.m</b>	Production Metallurgy (311091)

## Semester I : Time 2.30 P.M. to 5.30 P.M.

Day & Date	T.E. (Production) (2003 Course) 29	T.E. (Production) (2008 Course) 30	T.E. (Production S/W) (2003 Course) 31	T.E. (Production S/W) (2008 Course) 32
<b>Wednesday, 23.11.2011</b>	Kinematics & Design of Manufacturing Machine (302082) <b>* 2.30 p.m. to 6.30 p.m.</b>	Kinematics of Manufacturing Machines (311082)	Kinematics & Design of Manufacturing Machine (302082) <b>* 2.30 p.m. to 6.30 p.m.</b>	.....
<b>Friday, 25.11.2011</b>	Metal Cutting & Tools Design (311085)	Metrology & Mechanical Measurement (311081)	Metal Cutting & Tools Design (311085) <b>Sem. II</b>	.....
<b>Monday, 28.11.2011</b>	Production Planning & Control (311084)	Production Management (311084)	Manufacturing Engineering Technology (311122)	Manufacturing Technology (311122) (self study)
<b>Wednesday, 30.11.2011</b>	Material Science & Composite Materials (302081)	Cutting Tool Engineering (311085)	Behavioural Science (311122) (Old)	.....
<b>Friday, 02.12.2011</b>	Material Forming (311083)	Material Forming (311083)	Material Forming (311083)	.....

**\* Please note the Timing**

## Semester II : Time 10.00a.m. to 1.00p.m.

Day & Date	T.E. (Information Technology) (2003 Course) 33	T.E. (Information Technology) (2008 Course) 34	T.E. (Automobile) (2008 Course) 35	T.E. (Industrial) (2003 Course) 36
Tuesday, 15.11.2011	System Software (314447)	System Software Programming (314448)	.....	Operation Research I (311108)
Wednesday, 16.11.2011	Computer Network Technology (314448)	Programming Paradigms (314450)	.....	Work Study Applications (311109)
Thursday, 17.11.2011	Human Computer Interface (314450)	Human Computer Interaction & Usability (314451)	.....	Plant Engineering (311110)
Friday, 18.11.2011	Management & Information System (314449)	Management Information Systems (314449)	.....	Management Information Systems (311111)
Saturday, 19.11.2011	Software Engineering (310259)	Design and Analysis of Algorithms (314455)	.....	Quality Assurance (311112)

## Semester I : Time 2.30 P.M. to 5.30 P.M.

Day & Date	T.E. (Information Technology) (2003 Course) 33	T.E. (Information Technology) (2008 Course) 34	T.E. (Automobile) (2008 Course) 35	T.E. (Industrial) (2003 Course) 36
Wednesday, 23.11.2011	Database Management Systems (310241)	Database Management Systems (310241)	Machine Design (316481) * 2.30 p.m. to 6.30 p.m	Work Studies & Ergonomics (311101)
Friday, 25.11.2011	Multimedia Systems (314442)	Software Engineering (310253)	Computer Oriented Numerical Methods (302045)	Engineering Economic Analysis (311102)
Monday, 28.11.2011	Data Communication & Networking (314443)	Computer Network Technology (314443)	Heat Transfer (302042)	Business Management (311103)
Wednesday, 30.11.2011	Operating Systems (314441)	Operating Systems (314441)	Theory of Machines - II (302043)	Engineering Statistics (311105)
Friday, 02.12.2011	Theory of Computation (310268)	Theory of Computation (314442)	Industrial Engineering & Technology Management (302044)	Theory & Design of Machine Elements (311106)

\* Please note the Timing

**12. The Practical/Oral Examination of T.E. will be Conducted from 24.10.2011 to 12.11.2011**

**13. The Last Examination of T.E. Sem. – I & II (2003 Course) will be held in November, 2011.**

Ganeshkhind, Pune - 411007

No. XCT/ 1082

Date : 08.10.2011

**Dr. S.M. Ahire**  
**Controller of Examinations**