

University of Pune

Examination Circular No. 296 of 2009

Programme of T.E. (All Branches, Part I & II 2003 Course) Examinations,
November / December, 2009

1. 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.
2. Candidates are forbidden from taking any material into the examination hall that can be used for malpractice at the time of examination.
3. 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.
4. 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.
5. **Candidates are requested to note the Day, Date and Time of every Paper on every Day.**
6. The Centers and Places of the examination will be as follows :

<i>College Code</i>	<i>Centres & Places</i>
(1) PUNE :	
College	
Code	Sr. No.
02	i Maharashtra Institute of Technology, Pune 411 038.
34	ii Bharati Vidyapeeth's College of Engineering for Women, Pune 411043 (Repeater Students of Bharati Vidyapeeth's COE, Dhankawadi, Pune 411043 also.)
04	iii Vishwakarma Institute of Technology, Pune 411037.
05	iv Pune Institute of Computer Technology, Pune 411043.
06	v Cusrow Wadia Institute of Technology, Pune 411001.
07	vi P.V.G.'s C.O.E.T., Pune 411009.
08	vii Pad. Dr. D.Y. Patil College of Engineering, Nigdi, Pune 411044.
24	viii Pad. Dr. D.Y. Patil Institute of Engineering & Technology, Pimpri, Pune 411018.
20	ix H.S.S.S.'s Cummins College of Engineering for Women, Pune 411052.
21	x A.I.S.S.M.S.'s Institute of Technology, Pune 411001. (Repeater Students of P.I.E.T. College of Engii, Shivajinagar, Pune -05. also.)
25	xi A.I.S.S.M.S.'s Institute of Technology for Women, Kennedy Road, Pune 411001.
22	xii Army Institute of Technology, Dighi Hills, Pune 411015.
23	xiii Sinhgad College of Engineering, Vadgaon Bk., Pune 411041.
36	xiv Smt. Kashibai Navale College of Engineering for Women, Vadgaon Bk., Pune 411041.
26	xv P.D.E.S.'s College of Engineering, Hadapsar, Pune 411028.
28	xvi MAEER College of Engineering, Kedgaon Alandi, Dist. Pune.
30	xvii G.S.M. Trust's College of Engineering, Balewadi, Pune.

- 31 xviii P.E.S.'s Modern College of Engineering, Pune 411005.
- 32 xix M.E.S.'s College of Engineering, Pune 411001.
- 33 xx Pimpri-Chinchwad Education Trust's College of Engineering, Nigdi, Pune 411044.
- 37 xxi Rajarshi Shahu College of Engineering, Tathwade, Pune 411 013.
- 38 xxii Maharashtra Academy of Engg. & Edu. Res. College of Engg. for Women,
Pune - 411038.
- 39 xxiii V.I.I.T. College of Engineering, Sr. No. 2/3/4, Kondhwa (Bk.), Pune 411 048.
- 40 xxiv J.S.P.M.'s Jaywantrao Sawant College of Engineering, Handewadi Road,
Hadapsar, Pune 411028.
- 42 xxv Sinhgad Tech. Edu. Soc.'s Sinhgad Inst. of Tech., Kusgaon (BK), Lonawala, Tal.
Mawal, Dist. Pune.
- 44 xxvi Siddhant College of Engineering, Chakan - Talegoan Road, Sudumbare, Dist.
Pune - 412 109.
- 43 xxvii Sinhgad Academy of Engineering, Kondhwa (BK), Pune 411 048.
- 45 xxviii Marathwada Mitra Mandal College of Engineering , Pune – 411 052.
- 46 xxix G.H. Rasoni College of Engineering, Wagholi, Pune 412012.
- 48 xxx S.S.M.S. Padmabhushan Vasantdada Patil Inst. Of Tech, Bawadhan (Kd),
Pune – 411038.
- 51 xxxi J.S.P.M's Imperial College of Engineering & Research, Pune Nagar Rd, Wagholi,
Pune – 412 012.
- 49 xxxii P.G..M.T's Parvatibai Genba Moze College of Engineering, Wagholi,
Pune - 412012.
- 52 xxxiii S.C.E.S's Indira College of Engineering & Magt. Paranwadi Tal. Maval,
Dist – Pune.
- 53 xxxiv Z.E.S's Dnyanganga college of Engineering & Research, S.N. 39, Narhe, Tal.
Haveli Dist – Pune 411 041.
- 54 xxxv G.H. Rasoni Institute of Engineering & Technology, Gat No. 120 Pune-Nagar
Road., Wagholi, Pune --412207

(2) BARAMATI :

- 19 i College of Engineering, Malegaon (Bk.), Tal. Baramati, Dist – Pune.
- 35 ii V.P. 's College of Engineering, Vidyanagari, Bhingwan Road, Tal. Baramati. Dist
Pune.

(3) AHMEDNAGAR:

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| 9 | i | College of Engineering, Ahmednagar. |
| 10 | ii | College of Engineering, Sangamner, Dist. Ahmednagar. |
| 11 | iii | College of Engineering, Pravaranagar (Loni), Dist. Ahmednagar. |
| 12 | iv | College of Engineering, Kopargaon, Dist. Ahmednagar. |

4) NASHIK:

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| 13 | i | K.K. Wagh College of Engineering, Nashik, |
| 29 | ii | N.D.M.V.P. Samaj's Karmaveer Adv. Baburao Ganpatrao Thakare, College of Engineering, Gangapur, Nashik. |
| 47 | iii | M.E.T. College of Engineering, Adgaon, Nashik. |
| 50 | vi | J.S.S's College of Engineering, Nagar –Manmad Road, Babhulgaon, Yeola, Dist. Nashik. |
| 41 | v | S.N.J.B.'s College of Engineering, Neminagar, Chandwad, Nashik 423 101. |
| 27 | vi | P.R.E.S's., Sir .Vishveshwarayya Institute of Technology, Chincholi, Tal. Sinner, Dist. Nashik. |

7. Candidates are permitted to use stencils at the time of examination.
8. Candidates appearing for the examinations are expected to provide themselves with side - rules.
9. 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.
10. Use of non-programmable battery operated electronic Calculators of Pocket-size is allowed. The exchange of Calculators is not allowed.

[PTO]

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

PART II : Time 2.30 PM to 5.30 PM

Day & Date	T.E. (Civil) 1	T.E. (Mechanical) 2	T.E. (Mechanical Sandwich) 3	T.E. (Electrical) 4
Monday, 16.11.2009	Transportation Engg. I (301010) (New) Structural Design & Drawing (301004) 1990 Course	Applied Thermodynamics II (302047) (Old) Transmission Systems Design (302047) (New) * 2.30 p.m. to 6.30 p.m.	Applied Thermodynamics II (302047) (Old) Thermal Engineering II (302064) (New)	Microcontroller & its Applications (303146) (New)
Wednesday, 18.11.2009	Advanced Surveying (301006) (New)	Fluid Machinery (302050) (New)	Theory of M/c & M/c Design II (302065) (New) * 2.30 p.m. to 6.30 p.m.	Power Systems II (303145) (New)
Friday, 20.11.2009	Environmental Engg. I (301009) (New)	Mechanical Measurement & Control (306049) (Old) Tribology (302049) (New)	Mechatronics (402043) (New)	Power Electronics (303147) (New)
Monday, 23.11.2009	Structural Design II (301008) (New) * 2.30 p.m. to 6.30 p.m.	Metrology & Quality Control (311048) (New)	-----	Electrical Installation Maintenance & Testing (303149) (New)
Wednesday, 25.11.2009	Project Management & Computer Application (301007) (New)	Refrigeration & Air Conditioning (302051)(New)	-----	Electrical Machine III (303148) (New)

PART I : Time 2.30 PM to 5.30 PM

Friday, 27.11.2009	Geotechnical Engineering (301004) (New)	Engineering Metallurgy II (305041) (Old) Design of Machine Elements (302041) (New) * 2.30 p.m. to 6.30 p.m.	Production Engg. (311061) (Old)	Microprocessor Fundamentals & Applications (303141) (New)
Tuesday, 01.12.2009	Theory of Structures II (301001) (New)	Computer Oriented Numerical Methods (302045) (New)	Computer Oriented Numerical Methods (302045) (New) Part – II	Electrical Machines II (303142) (New)
Thursday, 03.12.2009	Structural Design & Drawing I (301003) (New) * 2.30 p.m. to 6.30 p.m.	Heat Transfer (302042) (New)	Heat Transfer – Part II (302042) (New)	Design of Electrical Machines (303143) (New)
Saturday, 05.12.2009	Fluid Mechanics II (301002) (New)	Theory of Machines & Mechanisms II (302043) (New)	Elective I (302061) (New) 1. Welding Technology 2. Manufacturing Management 3. Behavioral Science 4. Plant Engineering	Control System I (303144) (New) * 2.30 p.m. to 6.30 p.m.
Tuesday, 08.12.2009	Construction Techniques & Machinery (301005) (New)	Industrial Engineering & Management (302044) (New)		Management Techniques (311121) (New)

*** Please note the Timing**

PART II : Time 2.30 PM to 5.30 PM

Day & Date	T.E. (Electrical Sandwich)	T.E. (Electronics & Telecommunication)	T.E. (Electronics)	T.E. (Industrial Electronics)
	5	6	7	8
Monday, 16.11.2009	Electrical Power I (303162) (Old)	Power Electronics (304189) (New)	Power Electronics (304189) (New)	Power Electronics (304189) (New)
Wednesday, 18.11.2009	Applied Electronics II (304163) (Old)	Electromagnetic Waves and Radiating Systems (304191) (New)	Electromagnetic Waves & Radiating Systems (304191) (New)	Electromagnetic Waves & Radiating Systems (304191) (New)
Friday, 20.11.2009	Electrical Machinery II (303164) (Old)	Advanced Microprocessors (304188) (New)	Advanced Microprocessor (304188) (New) Microprocessor &	Advanced Microprocessor (304188) (New)
Monday, 23.11.2009	Principles of Circuits & Controls (303165) (Old)	Digital Signal Processing (304190) (New)	Digital Signal Processing (304190) (New)	Digital Signal Processing (304190) (New)
Wednesday, 25.11.2009	Design of Electrical Machines (303166) (Old)	Information Theory & Coding Techniques (304192) (New)	Information Theory & Coding Techniques (304192) (New)	Information Theory & Coding Techniques (304192) (New)

PART I : Time 2.30 PM to 5.30 PM

Friday, 27.11.2009	-----	Digital Design and Computer Organization (304181) (New) Network Analysis & Synthesis (304181) (Old)	Digital Design and Computer Organization (304181) (New) Network Analysis & Synthesis (304181) (Old)	Digital Design and Computer Organization (304181) (New) Network Analysis & Synthesis (304181) (Old)
Tuesday, 01.12.2009	-----	Analog Integrated Circuits-Design & Application (304182) (New)	Analog Integrated Circuits-Design & Application (304182) (New)	Analog Integrated Circuits-Design & Application (304182) (New)
Thursday, 03.12.2009	-----	Digital Communication (304183) (New)	Digital Communication (304183) (New)	Digital Communication (304183) (New)
Saturday, 05.12.2009	-----	Microprocessor, Microcontroller & Applications (304184) (New)	Microprocessor, Microcontroller & Applications (304184) (New)	Microprocessor, Microcontroller & Applications (304184) (New)
Tuesday, 08.12.2009	-----	Mechatronics (304185) (New)	Mechatronics (304185) (New)	Mechatronics (304185) (New)

PART II : Time 2.30 PM to 5.30 PM

Day & Date	T.E. (Metallurgy) 9	T.E. (Metallurgy Sandwich) 10	T.E. (Instrumentation & Control) 11	T.E. (Printing) 12
Monday, 16.11.2009	Microprocessor Application (304306) (Old)	Industrial Physical Metallurgy (305322) (Old)	Digital Signal Processing (306266) (New)	Printing Teletronics & Optoelectronics (304287) (New)
Wednesday, 18.11.2009	Experimental Techniques in Metallurgy (305307) (Old)	Experimental Techniques in Metallurgy (305307) (Old)	Instrument System Design (306269) (New)	Surface Preparation I (308288) (New)
Friday, 20.11.2009	Computer Application in Metallurgy (305308) (Old)	Computer Application in Metallurgy (305308) (Old)	Process Plant Operation (306267) (New)	Offset Machines I (308289) (New)
Monday, 23.11.2009	Ferrous Metallurgy (305309) (Old)	Industrial Metallurgy I (305323) (Old)	Industrial Management (306270) (New)	Digital Colour Imaging & Colour Management (308290) (New)
Wednesday, 25.11.2009	Foundry Technology (305310) (Old)	Foundry Technology (305310) (Old)	Process Loop Components (306268) (New)	Theory & Printing Machine & Machine Design (302291) (New)

PART I : Time 2.30 PM to 5.30 PM

Friday, 27.11.2009	Material Analysis (305301) (Old)	-----	Micro-controller Techniques (306261) (New)	Printing Network & Computer Graphics (308281) (New)
Tuesday, 01.12.2009	Machine Tools & Metrology (311302) (Old)	-----	Signals & Systems (306262) (New)	Printing Process Instrumentation (308282) (New)
Thursday, 03.12.2009	Applied Physical Metallurgy (305303) (Old)	-----	Control System Components (306263) (New)	Reprotechniques (308283) (New)
Saturday, 05.12.2009	Unit Operations & Extraction of Metals (305304) (Old)	-----	Electronics Instrumentation (306265) (New)	Design of Printing Machine Components (302284) (New)
Tuesday, 08.12.2009	Mechanical Engineering III (302305) (Old)	-----	Analytical Instrumentation (306264) (New)	Technology of Print Finishing & Packaging (308285) (New)

PART II : Time 2.30 PM to 5.30 PM

Day & Date	T.E. (Chemical Engineering)	T.E. (Polymer Engineering)	T.E. (Computer Engineering)	T.E. (Industrial Engineering)
	13	14	15	16
Monday, 16.11.2009	Transport Phenomena (309348) (New)	Polymer Chemistry II (309368) (New)	Principles of Programming Languages (310249)	Operation Research I (311108) (New)
Wednesday, 18.11.2009	Chemical Reaction Engg. I (309347) (New)	Polymer Materials II (309369) (New)	Computer Networks (310250) (New)	Work Study Applications (311109) (New)
Friday, 20.11.2009	Chemical Process Technology (309349) (New)	Instrumentation & Process Control (309370) (New)	Systems Programming (310252) (New)	Plant Engineering (311110) (New)
Monday, 23.11.2009	Industrial Organization and Management (307351) (New)	Polymer Thermodynamics & Reaction Engg. (309371) (New)	Management Information Systems (310251) (New)	Management Information Systems (311111) (New)
Wednesday, 25.11.2009	Mass Transfer II (309350) (New)	Polymer Rheology Processing (309372) (New)	Software Engineering (310253) (New)	Quality Assurance (311112) (New)

PART I : Time 2.30 PM to 5.30 PM

Friday, 27.11.2009	Chemical Engineering Mathematics (309341) (New)	Mathematical Methods in Polymer Engineering (309361) (New)	Database Management Systems (310241) (New)	Work Studies & Ergonomics (311101) (New)
Tuesday, 01.12.2009	Chemical Engineering Thermodynamics II (309345) (New)	Polymer Chemistry I (309362) (New)	Data Communications (310242) (New)	Engineering Economic Analysis (311102) (New)
Thursday, 03.12.2009	Process Instrumentation & Instrumental Analysis (309343) (New)	Polymer Materials I (309363) (New)	Microprocessor & Microcontrollers (310243) (New)	Business Management (311103) (New)
Saturday, 05.12.2009	Process Equipment Design I (309344) (New)	Chemical Engineering Operations (309364) (New)	Digital Signal Processing (310244) (New)	Engineering Statistics (311105) (New)
Tuesday, 08.12.2009	Mass Transfer I (309342) (New)	Design & Equipment & Machine Elements (309365) (New)	Theory of Computation (310245) (New)	Theory & Design of Machine Elements (311106) (New)

PART II : Time 2.30 PM to 5.30 PM

Day & Date	T.E. (Production Engineering)	T.E. (Production Sandwich)	T.E. (Petroleum)	T.E. (Petrochemical)
	17	18	19	20
Monday, 16.11.2009	Database & Information Technology for Production Engineering (311091) (New)	Database & Information Technology for Production Engineering (311091) (New)	Petroleum Geology II (312387) (New)	Unit Processes in Organic Synthesis (312407) (New)
Wednesday, 18.11.2009	Manufacturing Processes II (311088) (New)	Manufacturing Process II (311082) (New)	Properties of Reservoir Rocks & Fluids (312388) (New)	Mass Transfer Operations (312408) (New)
Friday, 20.11.2009	Machine Tools & Advance Manufacturing Systems (311087) (New)	Process Planning & Industrial Statistics (311124) (New)	Petroleum Production Engg. I (312389) (New)	Reaction Engg. I (312409) (New)
Monday, 23.11.2009	Metrology & Quality Control (311089) (New)	-----	Principles of Chemical Engg. II (312390) (New)	Transport Phenomena (312410) (New)
Wednesday, 25.11.2009	Die & Mould Design (311090) (New) *2.30 p.m. to 6.30 p.m.	Die & Mould Design (311090) (New) *2.30 p.m. to 6.30 p.m.	Design & Petroleum Machinery (312391) (New)	Process Equipment Design (312411) (New)

PART I : Time 2.30 PM to 5.30 PM

Friday, 27.11.2009	Kinematics & Design of Manufacturing Machine (302082) (New) *2.30 p.m. to 6.30 p.m.	Kinematics & Design of Manufacturing Machines (311123) (New) - Part II *2.30 p.m. to 6.30 p.m.	Mathematical Methods for Petroleum Engineering (312381) (New)	Chemical Process Industries (312401) (New)
Tuesday, 01.12.2009	Metal Cutting & Tool Design (311085) (New)	Metal Cutting & Tools Design (311085) (New)- Part II	Petroleum Geology I (312382) (New)	Mathematics for Petrochemical Engineers (312402) (New)
Thursday, 03.12.2009	Production Planning & Control (311084) (New)	Manufacturing Engineering Technology (311122) (New)	Drilling & Production Operation (312383) (New)	Diffusion & Mass Transfer (312403) (New)
Saturday, 05.12.2009	Material Science & Composite Materials (302081) (New)	Behavioral Science (311122) (Old)	Principles of Chemical Engineering I (312384) (New)	Chemical Engineering Thermodynamics (312404) (New)
Tuesday, 08.12.2009	Material Forming (311083) (New)	Material Forming (311083) (New)	Petroleum Field Instrumentation & Control (312385) (New)	Process & Analysis Instrumentation (312405) (New)

*** Please note the Timing**

PART II : Time 2.30 PM to 5.30 PM

Day & Date	T.E. (Sugar Technology) 21	T.E. (Information Technology) 22
Monday, 16.11.2009	Chemical Engineering (314448) (Old)	System Software (314447) (New)
Wednesday, 18.11.2009	Measurement & Control (314449) (Old)	Computer Network Technology (314448) (New)
Friday, 20.11.2009	Production Process II (314450) (Old)	Human Computer Interface (314450) (New)
Monday, 23.11.2009	Sugar Mill Capacity & Equipment Design (314451) (Old) *2.30 p.m. to 6.30 p.m.	Management & Inform System (314449) (New)
Wednesday, 25.11.2009	Computer Application (314452) (Old)	Software Engineering (310259) (New)

PART I : Time 2.30 PM to 5.30 PM

Friday, 27.11.2009	Applied Thermodynamics (314441) (Old)	Database Management Systems (310241) (New)
Tuesday, 01.12.2009	Sugarcane Agriculture & Sugar Chemistry I (314442) (Old)	Multimedia Systems (314442) (New)
Thursday, 03.12.2009	Machine Design II (314443) (Old) *2.30 p.m. to 6.30 p.m.	Data Communication & Networking (314443) (New)
Saturday, 05.12.2009	Sugar Manufacturing Process (314444) (Old)	Operating Systems (314441) (New)
Tuesday, 08.12.2009	Mechanics of Machines II (314445) (Old)	Theory of Computation (310245) (New)

*** Please note the Timing**

PART II : Time 2.30 PM to 5.30 PM

Day & Date	T.E. (B. Tech. Biotechnology)
	23
Monday, 16.11.2009	Instrumentation & Process Control (316285) (New)
Wednesday, 18.11.2009	Chemical Reaction Engineering I (309347) (New)
Friday, 20.11.2009	Computational Techniques & Process Modeling (316286)
Monday, 23.11.2009	Industrial Organization and Management (307351) Part – I
Wednesday, 25.11.2009	Mass Transfer II (309350) (New)

PART I : Time 2.30 PM to 5.30 PM

Day & Date	T.E. (B. Tech. Biotechnology)
	23
Friday, 27.11.2009	Immunology (316284) Prat – II
Tuesday, 01.12.2009	Industrial Microbiology (316283)
Thursday, 03.12.2009	Bioseparations (316282)
Saturday, 05.12.2009	Bio-Chemistry II (316281)
Tuesday, 08.12.2009	Mass Transfer I (309342) (New)

*** Please note the Timing**

Note :

- 1. The Practical/Oral Examination of T.E. will be Conducted from 30.10.2009 to 15.11.2009**
- 2. The Repeater Students of T.E. (Part I and Part II) (Old 1997 Course) will have to appear under equivalent subjects of T.E. Part I & II (New 2003 Course)**

Ganeshkhind, Pune - 411007

No. XCT/ 1309

Date : 15.10.2008

S.M. Ahire

Incharge Controller of Examinations