

# SAVITRIBAI PHULE PUNE UNIVERSITY



## Examination Circular No. 152/ 2014 T.E. (All Branches) October, 2014.

**Programme of T. E. [ All Branches ( Semester I & II ) 2008 and 2012 Course]**

**Examinations, October, 2014**

### INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the Respective College of the examination, ***fifteen minutes*** before the time of the first paper and ***ten minutes*** before the time of each subsequent paper.
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. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with side - rules.
8. 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.
9. 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.
10. **The Written Examination will be conducted in the following order :**

### SEMESTER- II: TIME 10.00 A.M. TO 01.00 P.M.

Day & Date	T.E. (Civil) (2012 Course) [ End-Sem.]	T.E. (Civil) (2008 Course)	T.E. (Mechanical) (2012 Course) [ End-Sem.]	T.E. (Mechanical) (2008 Course)
Tuesday, 28/10/2014	-----	Hydrology & Water Resources Engineering (301006)	-----	Machine Design – II (302047) <b>*10:00 a.m. to 02:00 p.m</b>
Wednesday, 29/10/2014	-----	Foundation Engineering (301010)	-----	Turbo Machines (302049)
Thursday, 30/10/2014	-----	Environmental Engineering- I (301009)	-----	Mechatronics (302050)
Friday, 31/10/2014	-----	Structural Design II (301008) <b>* 10:00 a.m. to 02:00 p.m</b>	-----	Metrology & Quality Control (311048)
Saturday, 01/11/2014	-----	Project Management & Engineering Economics (301007)	-----	Refrigeration & Air Conditioning (302051)

\*Please Note Time

### SEMESTER - I : TIME 02.30 P.M. TO 05.30 P.M.

Day & Date	T.E. (Civil) (2012 Course) [ End-Sem.]	T.E. (Civil) (2008 Course)	T.E. (Mechanical) (2012 Course) [ End-Sem.]	T.E. (Mechanical) (2008 Course)
Wednesday, 05/11/2014	Hydrology & Water Resource Engineering (301001)	Structural Analysis – II (301001)	Design of Machine Elements-I (302041) <b>* 2.30 p.m. to 5.30 p.m.</b>	Machine Design – I (302041) <b>* 02:30 p.m. to 06:30 p.m</b>
Saturday, 08/11/2014	Structural Analysis-I ( 301004)	Advanced Surveying (301005)	Metrology & Quality Control (302044)	Computer Oriented Numerical Methods (302045)
Tuesday, 11/11/2014	Structural Design I (301003) <b>*02.30 p.m. to 6.30 p.m.</b>	Structural Design I (301003) <b>* 02:30 p.m. to 06:30 p.m</b>	Heat Transfer (302042)	Heat Transfer (302042)
Thursday, 13/11/2014	Fluid Mechanics-II (301005)	Fluid Mechanics II (301004)	Theory of Machine – II (302043)	Theory of Machines - II (302043)
Saturday, 15/11/2014	Infrastructure Engineering (301002)	Infrastructure Engg. & Construction Techniques (301002)	Hydraulic & Pneumatics (302045)	Industrial Engineering & Technology Management (302044)

\*Please Note Time

**SEMESTER- II: TIME 10.00 A.M. TO 01.00 P.M.**

Day & Date	T.E. (Mech.S/W) (2012 Course) [ End-Sem.]	T.E. (Mech.S/W) (2008 Course)	T.E. (Automobile) (2012 Course) [ End-Sem.]	T.E. (Automobile) (2008 Course)
Tuesday, 28/10/2014	-----	Theory of Machine & Machine Design – II (302064) <b>* 10:00 p.m. to 02:00 p.m</b>	-----	Automotive Engine Design (316483)
Wednesday, 29/10/2014	-----	Turbo Machines (302045)	-----	Automotive Transmission (316484)
Thursday, 30/10/2014	-----	Mechatronics (302065)	-----	Autotronics (316485)
Friday, 31/10/2014	-----	Tribology (302066)	-----	Metrology & Quality Control (311048)
Saturday, 01/11/2014	-----	-----	-----	Vehicle Body Engineering (316486)

\*Please Note Time

**SEMESTER- I: TIME 02.30 P.M. TO 05.30 P.M.**

Day & Date	T.E. (Mech.S/W) (2012 Course) [ End-Sem.]	T.E. (Mech.S/W) (2008 Course)	T.E. (Automobile) (2012 Course) [ End-Sem.]	T.E. (Automobile) (2008 Course)
Wednesday, 05/11/2014	Machine Design (302062) <b>* 02.30 p.m. to 06.30 p.m.</b>	-----	Design of Machine Elements (316481) <b>* 02.30 p.m. to 06.30 p.m.</b>	Machine Design (316481) <b>* 02:30 p.m. to 06:30 p.m</b>
Saturday, 08/11/2014	Numerical Methods & Computational Tech. (302061)	-----	Metrology & Quality Control (302044)	Computer Oriented Numerical Methods (302045)
Tuesday, 11/11/2014	Heat Transfer (302042)	Heat Transfer (302042) <b>Sem. II</b>	Heat Transfer (302042)	Heat Transfer (302042)
Thursday, 13/11/2014	Theory of Machine – II (302043)	Elective I (Self Study) (302061) A.. Production Mgt. B .Behavioural Science C. Welding Technology	Theory of Machine- II (302043)	Theory of Machines - II (302043)
Saturday, 15/11/2014	Mechatronics (302050)	-----	Automotive Electrical & Electronics ( 316482)	Industrial Engineering & Technology Mgt. (302044)

\*Please Note Time

**SEMESTER- II: TIME 10.00 A.M. TO 01.00 P.M.**

Day & Date	T.E. (Electrical) (2012 Course) [ End-Sem.]	T.E. (Electrical) (2008 Course)	T.E. (E & T/c) (2012 Course) [ End-Sem.]	T.E. (E & T/c) (2008 Course)
Tuesday, 28/10/2014	-----	Energy Audit & Management (303146)	-----	Signal Coding and Estimation Theory (304187)
Wednesday, 29/10/2014	-----	Power Systems - II (303145)	-----	System Programming and OS (304188)
Thursday, 30/10/2014	-----	Design of Electrical Machines (303148)	-----	Computer Organization and Architecture (304189)
Friday, 31/10/2014	-----	Control System I (303149)	-----	Industrial Management (304190)
Saturday, 01/11/2014	-----	Utilization of Electrical Energy (303147)	-----	Wave Theory and Antennas (304191)

**SEMESTER- I: TIME 02.30 P.M. TO 05.30 P.M.**

Day & Date	T.E. (Electrical) (2012 Course) [ End-Sem.]	T.E. (Electrical) (2008 Course)	T.E. (E & T/c) (2012 Course) [ End-Sem.]	T.E. (E & T/c) (2008 Course)
Wednesday, 05/11/2014	Advanced Microcontroller & its Applications (303141)	Micro-controller Applications (303141)	System Programming & Operating Systems (304185)	Control Systems (304181)
Saturday, 08/11/2014	Electrical Machine-II (303142)	Electrical Machines- II (303142)	Digital Communication (304181)	Digital Communication (304182)
Tuesday, 11/11/2014	Power Electronics (303143)	Power Electronics (303143)	Electromagnetic & Transmission Lines (304184)	Network Synthesis and Filter Design (304183)
Thursday, 13/11/2014	Electrical Installation, Maintenance & Testing (303144)	Electrical Installation Maintenance & Testing (303144)	Digital Signal Processing (304182)	Digital Signal Processing (304185)
Saturday, 15/11/2014	Industrial & Tech. Management (311121)	Engineering Economics & Management (311121)	Microcontroller & Applications (304183)	Microcontroller & Applications (304184)

**SEMESTER- II: TIME 10.00 A.M. TO 01.00 P.M.**

Day & Date	T.E. (Electronics) (2012 Course) [ End-Sem.]	T.E. (Electronics) (2008 Course)	T.E. (Instru. & Control) (2012 Course) [ End-Sem.]	T.E. (Instru. & Control) (2008 Course)
Tuesday, 28/10/2014	-----	Drives and Controls (304207)	-----	Digital Signal Processing Fundamentals (306267)
Wednesday, 29/10/2014	-----	Sensors & Interfaces (304208)	-----	Instrumentation System Design (306270)
Thursday, 30/10/2014	-----	Microcomputer Based Systems (304209)	-----	Power Plant Instrumentation (306268)
Friday, 31/10/2014	-----	Industrial Management (304210)	-----	Control System Design (306271)
Saturday, 01/11/2014	-----	Discrete Time Signal Processing (304211)	-----	Process Loop Components (306269)

**SEMESTER- I: TIME 02.30 P.M. TO 05.30 P.M.**

Day & Date	T.E. (Electronics) (2012 Course) [ End-Sem.]	T.E. (Electronics) (2008 Course)	T.E. (Instru. & Control) (2012 Course) [ End-Sem.]	T.E. (Instru. & Control) (2008 Course)
Wednesday, 05/11/2014	Electrical Machines & Power Devices (304201)	Feedback Control Systems (304201)	Instrumental Methods for Chemical Analysis (306262)	Instrumentation for Chemical Analysis (306261)
Saturday, 08/11/2014	Data Communication (304202)	Data Communication (304202)	Embedded System Design (306261)	Embedded System Design (306262)
Tuesday, 11/11/2014	Network Synthesis (304205)	Network Synthesis and Filter Design (304203)	Control System Components (306263)	Control System Components (306263)
Thursday, 13/11/2014	Microcontroller & Applications (304203)	Microcontrollers (304204)	Control System Design (306264)	Electronics Instrumentation (306264)
Saturday, 15/11/2014	Electromagnetic & Wave Propagation (304204)	Power Electronics (304205)	Industrial Organization & Management (306265)	Industrial Management (306265)

**SEMESTER- II: TIME 10.00 A.M. TO 01.00 P.M.**

Day & Date	T.E. (Chemical) (2012 Course) [ End-Sem.]	T.E. (Chemical) (2008 Course)	T.E. (Computer) (2012 Course) [ End-Sem.]	T.E. (Computer) (2008 Course)
Tuesday, 28/10/2014	-----	Transport Phenomena (309348)	-----	Principles of Programming Languages (310249)
Wednesday, 29/10/2014	-----	Chemical Reaction Engineering- I (309347)	-----	Computer Networks (310250)
Thursday, 30/10/2014	-----	Chemical Engineering Design- I (309349)	-----	Systems Programming & Operating Systems (310252)
Friday, 31/10/2014	-----	Process Instrumentation & Control (309351)	-----	Finance and Management Information Systems (310251)
Saturday, 01/11/2014	-----	Mass Transfer- II (309350)	-----	Software Engineering (310253)

**SEMESTER- I: TIME 02.30 P.M. TO 05.30 P.M.**

Day & Date	T.E. (Chemical) (2012 Course) [ End-Sem.]	T.E. (Chemical) (2008 Course)	T.E. (Computer) (2012 Course) [ End-Sem.]	T.E. (Computer) (2008 Course)
Wednesday, 05/11/2014	Chemical Engineering Mathematics (309341)	Chemical Engineering Mathematics (309341)	Database Management Systems Application (310244)	Database Management Systems (310241)
Saturday, 08/11/2014	Chemical Engineering Thermodynamics-II (309345)	Chemical Engineering Thermodynamics- II (309344)	Data Communication & Wireless Sensor Networks (310243)	Data Communications (310242)
Tuesday, 11/11/2014	Chemical Process Technology (309344)	Chemical Process Technology (309343)	Computer Forensic & Cyber Applications (310245)	Microprocessor & Micro – Controllers (310243)
Thursday, 13/11/2014	Industrial Organization & Management (309343 )	Industrial Organization and Management (307351)	Operating System Designs (310242)	Digital Signal Processing (310244)
Saturday, 15/11/2014	Mass Transfer-I (309342)	Mass Transfer- I (309342)	Theory of Computation (310241)	Theory of Computation (310245)

**SEMESTER- II: TIME 10.00 A.M. TO 01.00 P.M.**

Day & Date	TE ( Info. Tech. ) (2012 Course) [ End-Sem.]	TE ( Info. Tech. ) 2008 Course	T.E.(Printing) (2008 Course)	T.E. (Polymer (2008 Course)
Tuesday, 28/10/2014	-----	System Software Programming (314448)	Offset Machines- II (308286)	Mathematical Methods for Polymer Engineers (309366)
Wednesday, 29/10/2014	-----	Programming Paradigms (314450)	Statistical Process Control (308287)	Polymer Chemistry- II (309367)
Thursday, 30/10/2014	-----	Human Computer Interaction & Usability (314451)	Digital Workflow and Image Setting (308288)	Instrumentation & Process Control (309368)
Friday, 31/10/2014	-----	Management Information Systems (314449)	Technology of Flexography (308289)	Polymer Processing Operations- I (309369)
Saturday, 01/11/2014	-----	Design and Analysis of Algorithms (314455)	Theory of Printing Machine & Machine Design (302290) <b>* 10:00 a.m. to 02:00 p.m</b>	Polymer Rheology (309370)

**SEMESTER- I: TIME 02.30 P.M. TO 05.30 P.M.**

Day & Date	TE ( Info. Tech. ) (2012 Course) [ End-Sem.]	TE ( Info. Tech. ) 2008 Course	T.E.(Printing) (2008 Course)	T.E. (Polymer (2008 Course)
Wednesday, 05/11/2014	Database Management Systems (314443)	Database Management Systems (310241)	Offset Machines- I (308281)	Mass Transfer and Reaction Engineering (309365)
Saturday, 08/11/2014	Software Engineering (314444)	Software Engineering (310253)	Printing Network Technology & Opto – Electronics (308282)	Polymer Chemistry- I (309361)
Tuesday, 11/11/2014	Computer Network Technology (314441)	Computer Network Technology (314443)	Color Management & Standardization (308283)	Polymer Materials- I (309362)
Thursday, 13/11/2014	Web Engineering & Technology (314445)	Operating Systems (314441)	Design of Printing Machine Components (302285)	Polymer Structure Property Relationship (309363)
Saturday, 15/11/2014	Theory of Computation (314442)	Theory of Computation (314442)	Management Information Systems and Cost Estimation (308284)	Design Equipment & Machinery Elements (309364)

**SEMESTER- II: TIME 10.00 A.M. TO 01.00 P.M.**

<b>Day &amp; Date</b>	<b>T.E. (Petrochemical) (2008 Course)</b>	<b>T.E. (Petroleum) (2008 Course)</b>	<b>T.E. (Production) (2008 Course)</b>	<b>T.E. (Production S/W) (2008 Course)</b>
<b>Tuesday, 28/10/2014</b>	Petrochemical Processes -II (312410)	Petroleum Geology- II (312386)	Tool Design (311088) <b>* 10:00 a.m. to 02:00 p.m</b>	Kinematics Design of Machine (311124)
<b>Wednesday, 29/10/2014</b>	Mass Transfer- II (312408)	Reservoir Engineering- I (312387)	Industrial Engineering & Quality Assurance (311089)	Material Forming & Mould Design (311125)
<b>Thursday, 30/10/2014</b>	Reaction Engineering I (312409)	Petroleum Production Engineering- I (312388)	Machine Tools Engineering (311087)	Production & Industrial Management- II (311126)
<b>Friday, 31/10/2014</b>	Transport Phenomena (312407)	Natural Gas Engineering (312389)	Numerical Techniques and Database (311090)	Numerical Techniques and Database (311090)
<b>Saturday, 01/11/2014</b>	Process Equipment Design Drawing (312411)	Petroleum Equipment Design Drawing (312390)	Production Metallurgy (311091)	Production Metallurgy (311091)

**SEMESTER- I: TIME 02.30 P.M. TO 05.30 P.M.**

<b>Day &amp; Date</b>	<b>T.E. (Petrochemical) (2008 Course)</b>	<b>T.E. (Petroleum) (2008 Course)</b>	<b>T.E. (Production) (2008 Course)</b>	<b>T.E. (Production S/W) (2008 Course)</b>
<b>Wednesday, 05/11/2014</b>	Numerical and Statistical Methods (312401)	Numerical Methods and Geostatistics (312381)	Kinematics of Manufacturing Machines (311082)	-----
<b>Saturday, 08/11/2014</b>	Applied Hydrocarbon Thermodynamics (312402)	Petroleum Geology- I (312382)	Metrology & Mechanical Measurement (311081)	-----
<b>Tuesday, 11/11/2014</b>	Mass Transfer – I (312403)	Drilling Operations (312383)	Production Management (311084)	Manufacturing Technology (311122) (self study)
<b>Thursday, 13/11/2014</b>	Petrochemical Processes – I (312404)	Hydrocarbon Properties and Thermodynamics (312384)	Cutting Tool Engineering (311085)	-----
<b>Saturday, 15/11/2014</b>	Instrumentation Instrumental Analysis (312405)	Petroleum Production Operations (312385)	Material Forming (311083)	-----



**SEMESTER- II: TIME 10.00 A.M. TO 01.00 P.M.**

<b>Day &amp; Date</b>	<b>T.E. (Bio -Technology) (2008 Course)</b>
<b>Tuesday, 28/10/2014</b>	Reaction Engineering (315466)
<b>Wednesday, 29/10/2014</b>	Fermentation Technology- II (315467)
<b>Thursday, 30/10/2014</b>	Bioseparation- I (315468)
<b>Friday, 31/10/2014</b>	Immunology and Diagnostics (315469)
<b>Saturday, 01/11/2014</b>	Bioinformatics & Management (315470)

**SEMESTER- I: TIME 02.30 P.M. TO 05.30 P.M.**

<b>Day &amp; Date</b>	<b>T.E. (Bio -Technology) (2008 Course)</b>
<b>Wednesday, 05/11/2014</b>	Genetic Engineering (315461)
<b>Saturday, 08/11/2014</b>	Fermentation Technology- I (315464)
<b>Tuesday, 11/11/2014</b>	Heat Transfer (315463)
<b>Thursday, 13/11/2014</b>	Computational Techniques and Biostatistics (315465)
<b>Saturday, 15/11/2014</b>	Mass Transfer (315462)

**12. The Practical/Oral Examination of T.E. will be conducted from 06.10.2014 To 18.10.2014.**