

# UNIVERSITY OF PUNE



**S.E. ( All Branches ) November, 2013**

## Examination Circular No. 148 of 2013

**PROGRAMME OF S. E. [ ALL BRANCHES ( SEMESTER I & II ) 2008 AND 2012 COURSE ]  
EXAMINATIONS, NOVEMBER, 2013.**

### **INSTRUCTIONS FOR CANDIDATES**

1. Candidates are required to be present at respective college fifteen minutes before the time fixed for the first paper and ten minutes before the time of each subsequent papers.  
(As per Circular No.128/2013 dated 10.10.2013)
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.  
Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
9. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
10. The Written Examination will be conducted in the following order :

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

### Semester - II : Time 2.30 p.m. to 5.30 p.m.

Day & Date	S.E. Civil 2008 Course  1	S.E. Civil 2012 Course  * 2.30p.m. to 4.30p.m. 1
Tuesday, 12.11.2013	Concrete Technology (201007)	....
Wednesday, 13.11.2013	Building Planning (201005) * (2.30 p.m. to 6.30 p.m.)	....
Friday, 15.11.2013	Surveying (201006)	....
Saturday, 16.11.2013	Structural Analysis – I (201008)	....
Monday, 18.11.2013	Fluid Mechanics – I (201004)	....

### Semester - I : Time 10.00 a.m. to 1.00 p.m.

Day & Date	S.E. Civil 2008 Course  1	S.E. Civil 2012 Course  * 2.30p.m. to 4.30p.m. 1
Wednesday, 20.11.2013	Engineering Mathematics III (207001)	Engineering Mathematics III (207001)
Friday, 22.11.2013	Building Materials & Construction (201001)	Building Technology and Materials (201001)
Monday, 25.11.2013	Strength of Materials (201002)	Strength of Materials (201002)
Wednesday, 27.11.2013	Engineering Geology (207009)	Surveying (201006)
Saturday, 30.11.2013	Engineering Economics & Management (201004) <b>Old</b>  Geotechnical Engineering (201003)	Geotechnical Engineering (201003)

\* Please note the Change in Timing

## Semester - II : Time 2.30 p.m. to 5.30 p.m.

Day & Date	S.E. Mechanical / Automobile 2008 Course 3	S.E. Mechanical / Automobile 2012 Course * 2.30p.m. to 4.30p.m. 4
Tuesday, 12.11.2013	Manufacturing Processes (202046) <b>Sem. I</b>	....
Wednesday, 13.11.2013	I.C. Engines (202048)	....
Friday, 15.11.2013	Strength of Machine Elements (202051)	....
Saturday, 16.11.2013	Theory of Machines– I (202047) * (2.30 p.m. to 6.30 p.m.)	....
Monday, 18.11.2013	Production Technology (202052)	....

## Semester - I : Time 10.00 a.m to 1.00 p.m.

Day & Date	S.E. Mechanical / Automobile 2008 Course 3	S.E. Mechanical / Automobile 2012 Course * 2.30p.m. to 4.30p.m. 4
Wednesday, 20.11.2013	Engineering Mathematics III (207002)	Engineering Mathematics III (207002)
Friday, 22.11.2013	Applied Thermodynamics (202041)	Thermodynamics (202043)
Monday, 25.11.2013	Metallurgy I (202042)	Manufacturing Process-I (202041)
Wednesday, 27.11.2013	Fluid Mechanics (202043)	Fluid Mechanics (202045)
Saturday, 30.11.2013	Electrical Technology (203050) <b>Sem. II</b>	Material Science (202044)

\* Please note the Change in Timing

## Semester - II : Time 2.30 p.m. to 5.30 p.m.

Day & Date	S.E. Electrical 2008 Course  5	S.E. Electrical 2012 Course * 2.30p.m. to 4.30p.m. 6
Tuesday, 12.11.2013	Power System I (203144)	....
Wednesday, 13.11.2013	Electrical Machines I (203145)	....
Friday, 15.11.2013	Network Analysis (203146)	....
Saturday, 16.11.2013	Instrumentation (203149) <b>Old</b> Microprocessor Fundamental & Applications (203149)	....
Monday, 18.11.2013	Digital Computational Techniques (203147)	....

## Semester - I : Time 10.00 a.m. to 1.00 p.m.

Day & Date	S.E. Electrical 2008 Course  5	S.E. Electrical 2012 Course * 2.30p.m. to 4.30p.m. 6
Wednesday, 20.11.2013	*** Engineering Mathematics III (207003)	** Engineering Mathematics III (207006)
Friday, 22.11.2013	Power Plant Engineering (202001)	Power Generation Technologies (203141)
Monday, 25.11.2013	Material Science (203141)	Material Science (203142)
Wednesday, 27.11.2013	Analog & Digital Electronics (203142)	Analog and Digital Electronics (203143)
Saturday, 30.11.2013	Electrical Measurements and Instrumentation (203143)	Electrical Measurements and Instrumentation (203144)

\* Please note the Change in Timing

\*\*\* Common to Electrical, Instrumentation, Computer and Information Technology 2008 Course only.

\*\* Common to Electrical, Instrumentation, 2012 Course only

## Semester - II : Time 2.30 p.m. to 5.30 p.m.

Day & Date	S.E. Electronics/E & TC 2008 Course 7	S.E. Electronics/E & TC 2012 Course * 2.30p.m. to 4.30p.m. 8
<b>Tuesday, 12.11.2013</b>	Electronics Circuits & Applications (204187) <b>Old</b> Integrated Circuits Applications (204188)	....
<b>Wednesday, 13.11.2013</b>	Electrical Circuits and Machine (203189) <b>Old</b> Electromagnetic (204189)	....
<b>Friday, 15.11.2013</b>	Data Structures (204190)	....
<b>Saturday, 16.11.2013</b>	Communication Theory (204191)	....
<b>Monday, 18.11.2013</b>	Signal and Systems (204181) <b>Sem. I</b> { Signal and Systems (204181) * (2.30 p.m. to 4.30 p.m.)} # <b>only fresh student</b> }	....

## Semester - I : Time 10.00 a.m. to 1.00 p.m.

Day & Date	S.E. Electronics/E & TC 2008 Course 7	S.E. Electronics/E & TC 2012 Course * 2.30p.m. to 4.30p.m. 8
<b>Wednesday, 20.11.2013</b>	** Engineering Mathematics III (207003) <b>Sem. II</b>	Digital Electronics (204185)
<b>Friday, 22.11.2013</b>	Solid states Devices & Circuits (204182)	Signals & Systems (204181)
<b>Monday, 25.11.2013</b>	Network analysis (204183)	Electronic Devices & Circuits (204182)
<b>Wednesday, 27.11.2013</b>	Digital Logic Design (204184)	Network Theory (204183)
<b>Saturday, 30.11.2013</b>	Control System (204184) <b>Old</b> Power Devices & Machines (204185)	Data structures & Algorithms (204184)

\* **Please note the Change in Timing**

\*\* **Common to Electronics/E & TC 2008 Course only. And # only Fresh Student (50 marks)**

\*\*\* **Common to Electrical, Instrumentation, Computer and Information Technology 2008 Course only.**

## Semester - II : Time 2.30 p.m. to 5.30 p.m.

Day & Date	S.E. Instrumentation & Control 2008 Course 8	S.E. Instrumentation & Control 2012 Course * 2.30p.m. to 4.30p.m. 9
Tuesday, 12.11.2013	Digital Techniques (206266)	....
Wednesday, 13.11.2013	Applied Electronics (206267)	....
Friday, 15.11.2013	Transducers & Signal Conditioning (206268)	....
Saturday, 16.11.2013	Network Theory (206270) <b>Old</b> Photonics & Instrumentation (206269)	....
Monday, 18.11.2013	Drives and Controls ( 206270)	....

## Semester - I : Time 10.00 a.m. to 1.00 p.m.

Day & Date	S.E. Instrumentation & Control 2008 Course 8	S.E. Instrumentation & Control 2012 Course * 2.30p.m. to 4.30p.m. 9
Wednesday, 20.11.2013	*** Engineering Mathematics III (207003)	** Engineering Mathematics III (207006)
Friday, 22.11.2013	Fundamentals of Instrumentation (206261)	Sensors and Transducers (206261)
Monday, 25.11.2013	Linear Integrated Circuit – I (206262)	Linear Integrated Circuits (206262)
Wednesday, 27.11.2013	Material & Process for Sensors (206262) <b>Old</b> Principles of Sensors & Transducers (206263)	Basic Instrumentation (206263)
Saturday, 30.11.2013	Automatics Control Systems (206264)	Photonics and Instrumentation (206264)

\* Please note the Change in Timing

\*\*\* Common to Electrical, Instrumentation, Computer and Information Technology 2008 Course only.

\*\* Common to Electrical, Instrumentation, 2012 Course only

## Semester - II : Time 2.30 p.m. to 5.30 p.m.

Day & Date	S.E. Chemical 2008 Course  10	S.E. Chemical 2012 Course * 2.30p.m. to 4.30p.m. 11
Tuesday, 12.11.2013	Chemistry II (209347)	....
Wednesday, 13.11.2013	Chemical Engineering Thermodynamics I (209350)	....
Friday, 15.11.2013	Heat Transfer (209348)	....
Saturday, 16.11.2013	Principles of Design (209349)	....
Monday, 18.11.2013	Mechanical Operations (209351)	....

## Semester - I : Time 10.00 a.m. to 1.00 p.m.

Day & Date	S.E. Chemical 2008 Course  10	S.E. Chemical 2012 Course * 2.30p.m. to 4.30p.m. 11
Wednesday, 20.11.2013	Engineering Mathematics III (207004)	Engineering Mathematics III (207004)
Friday, 22.11.2013	Chemistry – I (209341)	Chemistry- I (209341)
Monday, 25.11.2013	Chemical Engineering Fluid Mechanics (209343)	Chemical Engineering Fluid Mechanics (209343)
Wednesday, 27.11.2013	Chemical Engineering Materials (209344)	Chemical Engineering Materials (209344)
Saturday, 30.11.2013	Process Calculations (209345)	Process Calculations (209345)

\* Please note the Change in Timing

\*\*\* Common to Electrical, Instrumentation, Computer and Information Technology 2008 Course only.

## Semester - II : Time 2.30 p.m. to 5.30 p.m.

Day & Date	S.E. Computer 2008 Course  12	S.E. Computer 2012 Course * 2.30p.m. to 4.30p.m. 13
Tuesday, 12.11.2013	Data Structures (210250)	....
Wednesday, 13.11.2013	Microprocessor and Interfacing Techniques (210249)	....
Friday, 15.11.2013	Computer Graphics (210251)	....
Saturday, 16.11.2013	Computer Organization (210252)	....
Monday, 18.11.2013	Discrete Structures (210241) <b>Sem. I</b>	....

## Semester - I : Time 10.00 a.m. to 1.00 p.m.

Day & Date	S.E. Computer 2008 Course  12	S.E. Computer 2012 Course * 2.30p.m. to 4.30p.m. 13
Wednesday, 20.11.2013	*** Engineering Mathematics III (207003) <b>Sem. II</b>	Discrete Structures (210241)
Friday, 22.11.2013	Electronic Device & Circuit (210242) <b>Old</b> Programming & Problem solving (210242)	Data Structures and Problem Solving (210242)
Monday, 25.11.2013	Digital Electronics and Logic Design (210243)	Digital Electronics and Logic Design (210243)
Wednesday, 27.11.2013	Data Structures and Algorithms (210244)	Operating System and Administration (210244)
Saturday, 30.11.2013	Financial & Industrial Management (207005) <b>Old</b>  Humanities and Social Sciences (207005)	Microprocessor Architecture (210245)

\* Please note the Change in Timing

\*\*\* Common to Electrical, Instrumentation, Computer and Information Technology 2008 Course only.



## Semester - II : Time 2.30 p.m. to 5.30 p.m.

Day & Date	S.E. Information Technology 2008 Course 14	S.E. Information Technology 2012 Course * 2.30p.m. to 4.30p.m. 15
Tuesday, 12.11.2013	Data Structures and Files (214448)	....
Wednesday, 13.11.2013	Microprocessor Systems (214447) <b>Old</b> Data Communication (214449)	....
Friday, 15.11.2013	Processor Architecture and Interfacing (214447)	....
Saturday, 16.11.2013	Computer Graphics (214446)	....
Monday, 18.11.2013	Discrete Structures (210241) <b>Sem. I</b>	....

## Semester - I : Time 10.00 a.m. to 1.00 p.m.

Day & Date	S.E. Information Technology 2008 Course 14	S.E. Information Technology 2012 Course * 2.30p.m. to 4.30p.m. 15
Wednesday, 20.11.2013	*** Engineering Mathematics III (207003) <b>Sem. II</b>	Discrete Structures (214441)
Friday, 22.11.2013	Computer Organization (214442)	Computer Organization (214442)
Monday, 25.11.2013	Programming Paradigms & Methodology ( 214443) <b>Old</b> Digital Electronics and Logic Design (210243)	Digital Electronics & Logic Design (214443)
Wednesday, 27.11.2013	Fundamental of Data Structures (214441)	Fundamentals of Data Structures (214444)
Saturday, 30.11.2013	Management & Finance (207007) <b>Old</b> Humanities and Social Sciences (207005)	Problem Solving and Object Oriented Programming (214445)

\* Please note the Change in Timing

\*\*\* Common to Electrical, Instrumentation, Computer and Information Technology 2008 Course only.

## Semester - II Time 2.30 p.m. to 5.30 p.m.

Day & Date	S.E. Mechanical S/W 2008 Course	S.E. Printing 2008 Course	S.E. B. Tech. Biotechnology 2008 Course
<b>Tuesday, 12.11.2013</b>	Thermal Engineering – II (202065)	Reproduction Techniques (208288)	Biochemistry - II (215465)
<b>Wednesday, 13.11.2013</b>	Manufacturing Engineering (202067)	Print Finishing (208289)	Cell Biology and Tissue Culture (215467)
<b>Friday, 15.11.2013</b>	Strength of Machine Elements (202051) <b>Sem. I</b>	Microprocessor & Microcontroller Techniques in Printing (208290)	Material Balances and Stoichiometry (215466)
<b>Saturday, 16.11.2013</b>	Theory of Machine & Machine Design - I (202064) <i>* (2.30 p.m. to 6.30 p.m.)</i>	Theory of Printing Machines (202291)	Thermodynamics (215468)
<b>Monday, 18.11.2013</b>	Thermal Engineering – I (202061) <b>Sem. I</b>	Electrical Machines & Utilization (203287)	Genetics and Molecular Biology (215469)

## Semester - I : Time 10.00 a.m to 1.00 p.m.

Day & Date	S.E. Mechanical S/W 2008 Course	S.E. Printing 2008 Course	S.E. B. Tech. Biotechnology 2008 Course
<b>Wednesday, 20.11.2013</b>	Engineering Mathematics III (207002)	Engineering Mathematics III (207004)	Engineering Mathematics III (207004)
<b>Friday, 22.11.2013</b>	Computer applications (202068) <b>Sem. II</b>	Strength of Machine Elements (202281)	Applied Chemistry (215461)
<b>Monday, 25.11.2013</b>	Metallurgy (202042)	Basic Elements of Printing Technology (208282)	Fluid Flow & Unit Operations (215462)
<b>Wednesday, 27.11.2013</b>	Fluid Mechanics (202043)	Printing Digital Electronics (208283)	Microbiology (215463)
<b>Saturday, 30.11.2013</b>	Electrical Technology (203050) <b>Sem. II</b>	Technology of Printing Materials (208284)	Biochemistry - I (215464)

**\* Please note the Change in Timing**

## Semester - II Time 2.30 p.m. to 5.30 p.m.

Day & Date	S.E. Polymer/Petroleum Petrochemical 2008 Course	S.E. Production/ Industrial 2008 Course	S.E. Production S/W 2008 Course
<b>Tuesday, 12.11.2013</b>	Engineering Chemistry II (212388)	Material Science (211083) <b>Sem. I</b>	Material Science (211083) <b>Sem. I</b>
<b>Wednesday, 13.11.2013</b>	Particulate Technology (212390)	Design of Machine Elements (211088)	Design of Machine Elements (211088)
<b>Friday, 15.11.2013</b>	Heat Transfer (212389)	Manufacturing Processes I (211083) <b>Old</b> Welding and Foundry (211087)	Manufacturing Engineering & Metrology Practices (211122)
<b>Saturday, 16.11.2013</b>	Elements of Social Sciences (212391)	Theory of Machines (211086)	Theory of Machines (211086)
<b>Monday, 18.11.2013</b>	Engineering Materials Science & Technology (212382) <b>Sem. I</b>	Industrial Organization & Management (211089)	Production and Industrial Management – I (211123)

## Semester - I : Time 10.00 a.m to 1.00 p.m.

Day & Date	S.E. Polymer/Petroleum Petrochemical 2008 Course	S.E. Production/ Industrial 2008 Course	S.E. Production S/W 2008 Course
<b>Wednesday, 20.11.2013</b>	Engineering Mathematics III (207004) <b>Sem. II</b>	Engineering Mathematics III (207002)	Engineering Mathematics III (207002)
<b>Friday, 22.11.2013</b>	Engineering Chemistry I (212381)	Industrial Electronics (204084) <b>Old</b> Heat and Fluid Engineering (202085)	Industrial Electronics (204084) <b>Old</b> Heat and Fluid Engineering (202085)
<b>Monday, 25.11.2013</b>	Chemical Process Calculations (212383)	Strength Analysis of Machine Elements (211081)	Strength Analysis of Machine Elements (211081)
<b>Wednesday, 27.11.2013</b>	Momentum Transfer (212384)	Machine Tool Operations (211082)	Manufacturing Processes (211121)
<b>Saturday, 30.11.2013</b>	Strength of Materials (212385)	Electrical Technology (203050) <b>Sem. II</b>	Electrical Technology (203050) <b>Sem. II</b>

**12. The Practical/Oral Examination of S.E. will be Conducted from 15.10.2013 to 31.10.2013.**

**Dr. Sampada P. Joshi**  
**Controller of Examinations**

Ganeshkhind, Pune - 411007  
Ref. No. XCT/ 976  
Date : 24.10.2013