

SOLAPUR UNIVERSITY, SOLAPUR

Circular No. 57 Exam of 2012

Semester Pattern Examination

Final Program of the Bachelor of Engineering Examinations in the Branches Civil / Mechanical / Electronics / Electronics & Tele-comm./ Computer Science & Engineering/ Information Technology/ Electrical/Bio-Medical Engineering/ Electrical & Electronics Engg. to be held in November/December-2012.

1. Candidates are requested to be present at their respective places of Examinations **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time starting of each subsequent paper. They are forbidden to take any book or paper into the Examination Hall.
2. The Written, Practical and Oral Examinations will be held at the following places:

Sr. No.	Centre	Place	Branches
1	Solapur	Walchand Institute of Technology	1) Civil Engineering 2) Mechanical Engineering 3) Electronics Engineering 4) Computer Science & Engineering 5) Information Technology 6) Electronics & Tele. Comm.
2		Brahmdevdada Mane Institute of Technology	1) Mechanical Engineering 2) Computer Science & Engineering 3) Electronics & Tele. Comm. 4) Electrical Engineering
3		Orchid college of Engg. & Technology	1) Civil Engineering 2) Mechanical Engineering 3) Computer Science & Engineering 4) Electronics & Tele. Comm. 5) Electrical Engineering
4		A.G. Patil Institute of Technology	1) Mechanical Engineering 2) Computer Science & Engineering 3) Information Technology 4) Electronics & Tele. Comm. 5) Civil Engg.
5		V.V.P. Institute of Engg. & Technology	1) Computer Science & Engineering 2) Electronics & Tele. Comm. 3) Mechanical Engg. 4) Electrical & Electronics Engg.
6		N.B.Nawale Sinhgad College of Engg., Kegaon	1) Civil Engg. 2) Mechanical Engg. 3) Electrical Engg. 4) Electronics & Telecommunication Engg. 5) Computer Science & Engg.

7	Pandharpur	College of Engineering, Pandharpur	1) Mechanical Engineering 2) Computer Science & Engineering 3) Electronics & Tele. Comm. 4) Civil Engineering 5) Information Technology
8		Karmyogi Engineering College, Shelve-Pandharpur	1) Mechanical Engineering 2) Computer Science & Engineering 3) Electronics & Tele. Comm. 4) Civil Engineering
9		S.K.N. Sinhgad College of Engg. Korti	1) Civil Engg. 2) Mechanical Engg. 3) Electrical Engg. 4) Electronics & Telecommunication Engg. 5) Computer Science & Engg.
10	Paniv	Shriram Institute of Engineering & Technology Centre, Paniv	1) Civil Engg. 2) Mechanical Engg. 4) Electronics & Telecommunication Engg. 5) Computer Science & Engg.
11	Vairag	College of Engineering, Vairag	1) Civil Engg. 2) Mechanical Engg. 3) Computer Science & Engg. 4) Electronics & Telecommunication Engg.
12	Sangola	Febtech Technical Campus, College of Engineering & Research, Sangola	1) Civil Engg. 2) Mechanical Engg. 3) Electrical Engg. 4) Electronics & Telecommunication Engg.
13	Akluj	Mahatma Phule College of Education	1) Civil Engg. 2) Mechanical Engg. 3) Computer Science & Engg. 4) Electronics & Telecommunication Engg. 5) Electrical Engg.
14	Barshi	Bhagwant Institute of Technology	1) Civil Engg. 2) Mechanical Engg. 3) Computer Science & Engg. 4) Electronics & Telecommunication Engg. 5) Electrical Engg.

Note : According to the students strength Examination Centers may be changed before Examinations.

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

Day & Date	F.E. Part – I (Old attempt up to March 2013) Time: 09.30 a.m. to 12.30 p.m.
Thursday 06-12-2012	Engineering Mathematics-I
Friday 07-12-2012	Basic Electrical Engineering
Saturday 08-12-2012	Engineering Graphics (Time: 09.30 a.m. to 01.30 p.m.)
Monday 10-12-2012	Applied Mechanics
Wednesday 19-12-2012	Engineering Physics
Friday 21-12-2012	Engineering Chemistry

Day & Date	F.E. Part – I (New w.e.f. June 2012) Time: 09.30 a.m. to 12.30 p.m.
Monday 10-12-2012	Engineering Mathematics-I
Wednesday 12-12-2012	Basic Mechanical Engineering
Friday 14-12-2012	Basic Electrical Engineering
Monday 17-12-2012	Applied Mechanics
Wednesday 19-12-2012	Engineering Physics (Group A)
Friday 21-12-2012	Engineering Chemistry (Group B)

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Day & Date	F.E. Part – II Time: 09.30 p.m. to 12.30 p.m.
Monday 26-11-2012	Engineering Mathematics-II
Tuesday 27-11-2012	Basic Civil Engineering
Thursday 29-11-2012	Basic Electronics & Computer Programming
Friday 30-11-2012	Basic Mechanical Engineering
Wednesday 19-12-2012	Engineering Physics
Friday 21-12-2012	Engineering Chemistry

S.E. Part – I (Old) (Time: 02.00 p.m. to 05.00 p.m.)		
Day & Date	Paper with Branches	
Tuesday 11-12-2012	Production	Applied Thermodynamics
Thursday 13-12-2012	Production	Applied Mathematics - III

S.E. Part – I (w.e.f. June 2008) (Time: 02.00 p.m. to 05.00 p.m.)		
Day & Date	Paper with Branches	
Tuesday 11-12-2012	Civil	Fluid Mechanics–I
	Mechanical	--
	Electronics	--
	Electronics & Tele-Comm.	--
	Computer Sci. & Engineering	
	Information Technology	--
	Agriculture	Engineering Thermodynamics
	Electrical	--
	Bio-Medical Engineering	Engineering Mathematics - III
Thursday 13-12-2012	Electrical & Electronics Engg.	Transformers & D.C. Machines
	Civil	Engineering Mathematics-III
	Mechanical	Numerical Methods
	Electronics	Engineering Mathematics-III
	Electronics & Tele-Comm.	Engineering Mathematics-III
	Computer Sci. & Engineering	Applied Mathematics-I
	Information Technology	Applied Mathematics-I
	Agriculture	Food Science & Technology
	Electrical	Engineering Mathematics-III
Saturday 15-12-2012	Bio-Medical Engineering	Human Anatomy and Physiology
	Electrical & Electronics Engg.	Engineering Mathematics-III
	Civil	Surveying–I
	Mechanical	Machine Tools & Processes
	Electronics	Electronic Circuit Analysis & Design-I
	Electronics & Tele-Comm.	Circuits & Networks
	Computer Sci. & Engineering	Discrete Mathematical Structure
	Information Technology	Discrete Mathematical Structure
	Agriculture	Engineering Mathematics–III
Electrical	Electronic Devices & Circuits	
Bio-Medical Engineering	Bio Materials	
Electrical & Electronics Engg.	Electrical Circuits Analysis	

<p align="center">S.E. Part – I (Contd...) (w.e.f. June 2008) (Time: 02.00 p.m. to 05.00 p.m.)</p>		
Day & Date	Paper with Branches	
Tuesday 18-12-2012	Civil	Building Construction & Drawing (Time: 02.00 p.m. to 06.00 p.m.)
	Mechanical	Analysis of Mechanical elements
	Electronics	Network Theory and Analysis
	Electronics & Tele-Comm.	Electronics Circuit Analysis and Design -I
	Computer Sci. & Engineering	Data Structures –I
	Information Technology	Switching Theory & Logic Design
	Agriculture	Crop Production Technology
	Electrical	Electrical Machine - I
	Bio-Medical Engineering	Electronic Circuits Analysis and Design - I
	Electrical & Electronics Engg.	Analog Electronics
Thursday 20-12-2012	Civil	Engineering Geology
	Mechanical	Machine drawing & Computer Graphics-I (Time: 02.00 p.m. to 04.30p.m.)
	Electronics	Digital Techniques
	Electronics & Tele-Comm.	Data Structures
	Computer Sci. & Engineering	Switching Theory & Logic Design
	Information Technology	Computer Graphics
	Agriculture	Computer Programming
	Electrical	Data Structure
	Bio-Medical Engineering	Electrical Network Analysis and Synthesis
Electrical & Electronics Engg.	Data Structures	
Saturday 22-12-2012	Civil	Structural Mechanics-I
	Mechanical	Applied Thermodynamics
	Electronics	Data Structures
	Electronics & Tele-Comm.	Digital Techniques
	Computer Sci. & Engineering	Computer Graphics
	Information Technology	Data Structures –I
	Agriculture	Manufacturing processes (Time: 02.00 p.m. to 04.00 pm.)
	Electrical	Pulse & Digital Circuits
	Bio-Medical Engineering	---
Electrical & Electronics Engg.	---	

Day & Date	S.E. Part – II (Old) (Time: 02.00 p.m. to 05.00 p.m.)	
Paper with Branches		
Thursday 29-11-2012	Computer Sci. & Engineering	Computer Networks
Friday 30-11-2012	Computer Sci. & Engineering	Computer Organization

S.E. Part – II (w.e.f. June 2008) (Time: 02.00 p.m. to 05.00 p.m.)		
Day & Date	Paper with Branches	
Thursday 29-11-2012	Civil	Structural Mechanics–II
	Mechanical	---
	Electronics	Electrical Machines
	Electronics & Tele-Comm.	Electronic circuit analysis and design - II
	Computer Sci. & Engineering	Applied Mathematics-II
	Information Technology	Applied Mathematics-II
	Agriculture	Heat & Mass Transfer
	Electrical	Linear Algebra
	Bio-Medical Engg.	Transducers in Biomedical Instrumentation
	Electrical & Electronics Engg.	Linear Algebra
Friday 30-11-2012	Civil	Surveying-II
	Mechanical	Fluid Mechanics
	Electronics	Electronics Circuit Analysis and Design-II
	Electronics & Tele-Comm.	Analog communication
	Computer Sci. & Engineering	Formal system & Automata
	Information Technology	Formal system & Automata
	Agriculture	Electrical & Electronics Engg.
	Electrical	Electric Measurements
	Bio-Medical Engg.	Biomedical Prosthetic and Orthotics
Electrical & Electronics Engg.	A.C. Machines	
Saturday 01-12-2012	Civil	Building Construction & Design (Time: 02.00 p.m. to 06.00 p.m.)
	Mechanical	Theory of Mechanics-I
	Electronics	Analog communication
	Production	---
	Electronics & Tele-Comm.	Control systems
	Computer Sci. & Engineering	Microprocessors
	Information Technology	Data Structure – II
	Agriculture	Soil Science
	Electrical	Electrical Machine – II
	Bio-Medical Engg.	Electronic Instrumentation
Electrical & Electronics Engg.	Electrical Measurements	

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S.E. Part – II (Contd...)(w.e.f. June 2008) (Time: 02.00 p.m. to 05.00 p.m.)		
Day & Date	Paper with Branches	
Monday 03-12-2012	Civil	Fluid Mechanics-II
	Mechanical	Manufacturing Process
	Electronics	Linear Integrated circuits
	Electronics & Tele-Comm.	Linear Integrated circuits
	Computer Sci. & Engineering	---
	Information Technology	Microprocessors
	Agriculture	Fluid Power
	Electrical	Signals and Systems
	Bio-Medical Engg.	Digital Design
	Electrical & Electronics Engg.	Signals & Systems
Tuesday 04-12-2012	Civil	Water Resources Engg.I
	Mechanical	Engg. Mathematics - III
	Electronics	Signals and systems
	Electronics & Tele-Comm.	Signals and Systems
	Computer Sci. & Engineering	Data Structure - II
	Information Technology	---
	Agriculture	Farm Power
	Electrical	Basic Circuit Theory
	Bio-Medical Engg.	Electronic Circuits Analysis and Design - II
	Electrical & Electronics Engg.	Digital Techniques
Wednesday 05-12-2012	Civil	Concrete Technology (Time: 02.00 p.m. to 04.00 p.m.)
	Mechanical	Electrical & Electronics Technology
	Electronics	--
	Electronics & Tele-Comm.	--
	Computer Sci. & Engineering	Computer Networks-I
	Information Technology	Computer Networks-I
	Agriculture	Basics of Information Technology (Time: 02.00 p.m. to 04.00 p.m.)
	Electrical	Computer Programming C++
	Bio-Medical Engg.	--
	Electrical & Electronics Engg.	--

T.E. Part – I (Old) (Time: 02.00 p.m. to 05.00 p.m.)		
Day & Date	Paper with Branches	
Friday 07-12-2012	Civil	--
	Mechanical	--
	Electronics	--
	Production	--
	Electronics & Tele-Comm.	--
	Computer Sci. & Engineering	Advanced Microprocessors
	Information Technology	--
	Agriculture	--
	Electrical	--
Monday 10-12-2012	Civil	--
	Mechanical	--
	Electronics	--
	Production	--
	Electronics & Tele-Comm.	--
	Computer Sci. & Engineering	Computer Graphics
	Information Technology	--
	Agriculture	--
Wednesday 12-12-2012	Civil	--
	Mechanical	--
	Electronics	--
	Production	--
	Electronics & Tele-Comm.	--
	Computer Sci. & Engineering	--
	Information Technology	--
	Agriculture	--
	Electrical	--

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T.E. Part – I (Contd...) (Old) (Time: 02.00 p.m. to 05.00 p.m.)		
Day & Date	Paper with Branches	
Friday 14-12-2012	Civil	--
	Mechanical	Fluid & Turbo Machinery
	Electronics	--
	Production	--
	Electronics & Tele-Comm.	--
	Computer Sci. & Engineering	--
	Information Technology	--
	Agriculture	--
Monday 17-12-2012	Civil	--
	Mechanical	--
	Electronics	--
	Production	--
	Electronics & Tele-Comm.	--
	Computer Sci. & Engineering	--
	Information Technology	Digital Communication
	Agriculture	--
Wednesday 19-12-2012	Civil	--
	Mechanical	--
	Electronics	--
	Production	--
	Electronics & Tele-Comm.	--
	Computer Sci. & Engineering	--
	Information Technology	--
	Agriculture	--
Friday 21-12-2012	Mechanical	Mechanical Measurement and Control

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T.E. Part – I (New w.e.f. June 2009) (Time: 02.00 p.m. to 05.00 p.m.)		
Day & Date	Paper with Branches	
Friday 07-12-2012	Civil	Design of Steel Structures
	Mechanical	Theory of Machine-II
	Electronics	Control Systems
	Production	---
	Electronics & Tele-Comm.	Electro Magnetic Engg. & Radiating System
	Computer Sci. & Engineering	Computer Network - II
	Information Technology	Computer Network - II
	Agriculture	Post Harvest Technology-I
	Electrical	Power System - I
	Bio-Medical	Bio Medical Instrumentation - I
	Electrical & Electronics Engg.	Electromagnetic Engineering
Monday 10-12-2012	Civil	Geotechnical Engg. - I
	Mechanical	Fluid Machinery & Fluid Power
	Electronics	Digital Signal Processing
	Production	---
	Electronics & Tele-Comm.	Digital Communication
	Computer Sci. & Engineering	Computer Organization
	Information Technology	Computer Organization
	Agriculture	Advanced Irrigation & System Design
	Electrical	Linear Integrated Circuit
	Bio-Medical	Biological Modeling & Simulation
	Electrical & Electronics Engg.	Electric Power Generation & Utilization
Wednesday 12-12-2012	Civil	Building Planning & Design (Time: 02.00 p.m. to 06.00 p.m.)
	Mechanical	Metallurgy
	Electronics	Microprocessors and Interfacing
	Production	---
	Electronics & Tele-Comm.	Software Engineering & Project Management System
	Computer Sci. & Engineering	System Programming
	Information Technology	System Programming
	Agriculture	Water resource Engineering
	Electrical	Electro Magnetic Engg.
	Bio-Medical	Microprocessors & Peripherals
	Electrical & Electronics Engg.	Microprocessor

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T.E. Part – I (Contd...) (New w.e.f. June 2009) (Time: 02.00 p.m. to 05.00 p.m.)		
Day & Date	Paper with Branches	
Friday 14-12-2012	Civil	Environmental Engg. I
	Mechanical	Metrology & Mechanical Measurement
	Electronics	Electro Magnetic Engineering
	Production	---
	Electronics & Tele-Comm.	Digital Signal Processing
	Computer Sci. & Engineering	Operating System-I
	Information Technology	Operating System - I
	Agriculture	Agril. Economics and Farm management
	Electrical	Control System - I
	Bio-Medical	Principles of Communication
Monday 17-12-2012	Electrical & Electronics Engg.	Digital Signal Processing
	Civil	Engineering Management - I
	Mechanical	Industrial Engineering
	Electronics	Industrial Economics and Management
	Production	---
	Electronics & Tele-Comm.	Microprocessor & Peripherals
	Computer Sci. & Engineering	Design & Analysis of Algorithm
	Information Technology	Design & Analysis of Algorithm
	Agriculture	Tractor & Power Systems
	Electrical	Instrumentation Technique
Wednesday 19-12-2012	Bio-Medical	Signals & Systems
	Electrical & Electronics Engg.	Feedback Control System
	Civil	Transportation Engg. - I
	Mechanical	Machine Design - I
	Electronics	---
	Production	---
	Electronics & Tele-Comm.	---
	Computer Sci. & Engineering	---
	Information Technology	---
	Agriculture	---
Electrical	Energy Management System (Time: 02.00 p.m. to 04.00 p.m.)	
Bio-Medical	---	
Electrical & Electronics Engg.	---	

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T.E. Part – II (Old)		
Time: 09.30 a.m. to 12.30 p.m.		
Day & Date	Paper with Branches	
Monday 26-11-2012	Civil	
	Mechanical	Industrial Management
	Electronics	
	Production	Metallurgy-II
	Electronics & Tele-Comm.	Digital Signal Processing
	Computer Sci. & Engineering	
	Information Technology	
	Agriculture Electrical	
Tuesday 27-11-2012	Civil	
	Mechanical	Metrology & Quality Control
	Electronics	
	Production	Industrial Management
	Electronics & Tele-Comm.	
	Computer Sci. & Engineering	
	Information Technology	
	Agriculture Electrical	
Thursday 29-11-2012	Civil	
	Mechanical	
	Electronics	Electronics System Design
	Production	Industrial Hydraulics & Pneumatics
	Electronics & Tele-Comm.	
	Computer Sci. & Engineering	
	Information Technology	
	Agriculture Electrical	

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T.E. Part – II (Contd...) (Old) Time: 09.30 a.m. to 12.30 p.m.		
Day & Date	Paper with Branches	
Friday 30-11-2012	Civil	
	Mechanical	Energy Engineering
	Electronics	
	Production	Tool Engineering-II (Time: 09.30 a.m. to 01.30 p.m.)
	Electronics & Tele-Comm.	
	Computer Sci. & Engineering	
	Information Technology	Organizational Management & Behavior
	Agriculture	
Saturday 01-12-2012	Electrical	Communication System
	Civil	
	Mechanical	
	Electronics	
	Production	Industrial Engineering
	Electronics & Tele-Comm.	
	Computer Sci. & Engineering	
	Information Technology	Internet Technology (Equi.)
Monday 03-12-2012	Agriculture	
	Electrical	Power electronics
	Civil	
	Mechanical	Advanced Production Systems
	Electronics	
	Production	Machine Tools & Product Design
	Electronics & Tele-Comm.	
	Computer Sci. & Engineering	
Tuesday 04-12-2012	Information Technology	
	Mechanical	Automatic Control and Fluid Systems

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T.E. Part – II (New w.e.f. June 2009)		
Time: 09.30 a.m. to 12.30 p.m.		
Day & Date	Paper with Branches	
Monday 26-11-2012	Civil	Structural Mechanics - III
	Mechanical	Machine Design - II
	Electronics	Operating Systems
	Production	----
	Electronics & Tele-Comm.	Radar & Microwave Engineering
	Computer Sci. & Engineering	Data Base Engineering
	Information Technology	Data Base Engineering
	Agriculture	Post Harvest Technology - II
	Electrical	Power System - II
	Bio-Medical Engg.	Bio Medical Instrumentation - II
	Electrical & Electronics Engg.	Power Electronics
Tuesday 27-11-2012	Civil	Geotechnical Engg. - II
	Mechanical	Tool Engineering (Time: 09.30 a.m. to 01.30 p.m.)
	Electronics	Digital Communication
	Production	----
	Electronics & Tele-Comm.	Microcontrollers & Application
	Computer Sci. & Engineering	Compiler Construction
	Information Technology	Compiler Construction
	Agriculture	Drainage Engineering
	Electrical	Control System - II
	Bio-Medical Engg.	Medical Imaging - I
	Electrical & Electronics Engg.	Electronic Communication Engg.
Thursday 29-11-2012	Civil	Environmental Engg. - II
	Mechanical	Heat & Mass Transfer
	Electronics	Micro Controllers
	Production	----
	Electronics & Tele-Comm.	Industrial Electronics
	Computer Sci. & Engineering	Operating System - II
	Information Technology	Operating System - II
	Agriculture	Soil & Water Conservation Engineering
	Electrical	Microprocessor & Application
	Bio-Medical Engg.	Bio Statistics
	Electrical & Electronics Engg.	Power System I

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T.E. Part – II (Contd...) (New w.e.f. June 2009)		
Time: 09.30 a.m. to 12.30 p.m.		
Day & Date	Paper with Branches	
Friday 30-11-2012	Civil	Engineering Management - II
	Mechanical	Automatic Control Engineering
	Electronics	Industrial Electronics
	Production	----
	Electronics & Tele-Comm.	Optical Communication
	Computer Sci. & Engineering	Software Engineering
	Information Technology	Software Engineering
	Agriculture	Agril. Business Management
	Electrical	Power Electronics
	Bio-Medical Engg.	Digital Signal Processing
	Electrical & Electronics Engg.	Non Linear & Digital Control System
Saturday 01-12-2012	Civil	Transportation Engg. - II
	Mechanical	CAD/CAM
	Electronics	VLSI Design
	Production	----
	Electronics & Tele-Comm.	Electronics System Design
	Computer Sci. & Engineering	Artificial Intelligence
	Information Technology	Artificial Intelligence
	Agriculture	Farm Machinery
	Electrical	Engg. Economics & Industrial Management
	Bio-Medical Engg.	Embedded Systems
	Electrical & Electronics Engg.	Microcontroller & Its Applications
Monday 03-12-2012	Civil	----
	Mechanical	----
	Electronics	----
	Production	----
	Electronics & Tele-Comm.	----
	Computer Sci. & Engineering	----
	Information Technology	----
	Agriculture	Fermentation Technology
	Electrical	Utilization of Electrical Energy & Energy Conservation
	Bio-Medical Engg.	----
	Electrical & Electronics Engg.	----

B.E. Part – I (Old)
Time: 09.30 a.m. to 12.30 p.m.

Day & Date	Paper with Branches	
Thursday 06-12-2012	Civil	Design of Concrete Structures-I
	Mechanical	Mechatronics
	Electronics	Embedded Systems
	Production	Operations Research
	Electronics & Tele-Comm.	Digital Communication
	Computer Sci. & Engineering	Advanced Computer Architecture
	Information Technology	Object Oriented Modeling & Design
	Agriculture	Agril. Waste Utilization
Saturday 08-12-2012	Civil	Quantity Surveying & Valuation (Time: 09.30 a.m. to 11.30 a.m.)
	Mechanical	Machine Design-III
	Electronics	Digital Communication
	Production	Process Engineering
	Electronics & Tele-Comm.	Computer Communication Network
	Computer Sci. & Engineering	Distributed Systems
	Information Technology	Advanced Data Base System
	Agriculture	Command Area Development & Management
Tuesday 11-12-2012	Civil	Earthquake Engg.
	Mechanical	I.C. Engines
	Electronics	Digital Signal Processing
	Production	Mechatronics Systems
	Electronics & Tele-Comm.	Industrial & Power Electronic
	Computer Sci. & Engineering	--
	Information Technology	Information System Security
	Agriculture	Instrumentation & Control Engineering
Thursday 13-12-2012	Civil	Water Resources Engineering-II
	Mechanical : Elective-I	i) Production Management ii) Gas Turbine iii) Operation Research iv) Experimental Stress Analysis
	Electronics	Power Electronics
	Production	Production Management
	Electronics & Tele-Comm.	Satellite Communication
	Computer Sci. & Engineering	Information Technology
	Information Technology	--
	Agriculture	Systems Engineering
Electrical	Non Linear and Digital Control Systems	

B.E. Part – I (Contd...) (Old)
Time: 09.30 a.m. to 12.30 p.m.

Day & Date	Paper with Branches	
Saturday 15-12-2012	Civil : Elective-I	i) Advanced Engineering Geology ii) Advanced Geo-technical Engineering iii) Open Channel and River Hydraulics iv) Traffic Engineering and Control v) Air Pollution and Control vi) Design of Foundation vii) Design of Industrial Structures viii) Advanced Structures ix) Project Appraisal x) Behavioral Science xi) Managerial Techniques xii) Solid Waste Management xiii) Computer Application in Civil Engg.
	Mechanical : Elective-II	i) Entrepreneurship Development and Project Management ii) Fluid Dynamics iii) Total Quality Management iv) Finite Element Method
	Electronics : Elective-I	i) Advanced Control Engineering ii) Bio-medical Instrumentation iii) Remote Sensing & GIS iv) Real Time Systems v) Fuzzy Logic
	Production	Comp. Aided Design, Analysis & Manufacture
	Electronics & Tele-Comm. : Elective-I	i) VLSI Technology ii) Image Processing iii) Fuzzy Logic
	Computer Sci. & Engineering : Elective-I	i) Information Retrieval ii) Object Oriented Modeling and Design iii) Digital Signal Processing
	Information Technology : Elective-I	i) Embedded & Real Time System ii) ANN iii) Discrete Event System Simulator & Modeling
	Agriculture	Research Methods (Time: 09.30 a.m. to 11.30 a.m.)
	Electrical : Elective-I	i) E.H.V.A.C. ii) Digital Signal Processing iii) Electrical System Modeling iv) Neural Network & Fuzzy Logic
Tuesday 18-12-2012	Agriculture : Elective-I	i) CAD in Agricultural Machines ii) Dams and Reservoirs iii) Seed Technology

Day & Date	Paper with Branches	
Thursday 06-12-2012	Civil	Design of Concrete Structures - I
	Mechanical	I.C. Engine
	Electronics	Power Electronics
	Electronics & Tele-Comm.	Computer Communication Network
	Computer Sci. & Engineering	Advanced Computer Architecture
	Information Technology	Advanced Computer Architecture
	Electrical	Industrial Drives & Control
	Bio-Medical Engg.	Nuclear Medicine
	Electrical & Electronics Engg.	Industrial Drives and Control
Saturday 08-12-2012	Civil	Quantity Surveying and Valuation (Time: 09.30 a.m. to 01.30 p.m.)
	Mechanical	Power Plant and Energy Engineering
	Electronics	Computer Networks
	Electronics & Tele-Comm.	VLSI Design
	Computer Sci. & Engineering	Network Security
	Information Technology	Management Information System
	Electrical	Microcontroller & Application
	Bio-Medical Engg.	Medical Informatics
	Electrical & Electronics Engg.	Engineering Economics & Industrial Management
Tuesday 11-12-2012	Civil	Earthquake Engg.
	Mechanical	Operations Research
	Electronics	Mobile Technology
	Electronics & Tele-Comm.	Mobile & Satellite Communication
	Computer Sci. & Engineering	Distributed System
	Information Technology	Advanced Data Base System
	Electrical	Electrical Machine Design
	Bio-Medical Engg.	Biomedical Instrumentation - III
	Electrical & Electronics Engg.	Instrumentation Techniques
Thursday 13-12-2012	Civil	Water Resources Engg. -II
	Mechanical	Finite Element Methods
	Electronics	Electronic Instrumentation
	Electronics & Tele-Comm.	Random Signal Theory & Coding
	Computer Sci. & Engineering	---
	Information Technology	---
	Electrical	Power Plant Engg.
	Bio-Medical Engg.	Principles of Image Processing
	Electrical & Electronics Engg.	Power System II

B.E. Part – I (Contd...) (New w.e.f.June 2010)**Time: 09.30 a.m. to 12.30 p.m.**

Day & Date	Paper with Branches	
Saturday 15-12-2012	Civil : Elective-I	5.1) Open Channel & River Hydraulics 5.2) Air Pollution & Control 5.3) Design of Foundations 5.4) Advanced Design of Steel Structures 5.5) Managerial Techniques 5.6) Computer Applications in Civil Engg. 5.7) Advanced Structures 5.8) Advanced Concrete Technology 5.9) Remote Sensing and GIS Applications
	Mechanical : Elective-I	1) Mechanical Vibration 2) Experiment Stress Analysis 3) Process Engineering 4) Computational Fluid Dynamics 5) Nano Technology 6) Product Design 7) Robotics 8) Gas Turbines
	Electronics : Elective-I	1) Biomedical Instrumentation 2) Mechatronics 3) Advanced Digital Signal Processing 4) Image Processing 5) Electronic Product Design
	Electronics & Tele-Comm. : Elective-I	1) Advance DSP 2) Image Processing 3) Artificial Neural Network
	Computer Sci. & Engineering : Elective-I	1) Artificial Neural Network 2) Object Oriented Modeling & Design 3) Expert Systems 4) Digital Signal Processing 5) Information Retrieval 6) Embedded Systems 7) Human Computer Interface
	Information Technology : Elective-I	1) Artificial Neural Network 2) Object Oriented Modeling & Design 3) Microcontroller 4) Digital Signal Processing 5) Human Computer Interface
	Electrical : Elective-I	1) Design and Estimation of Electrical System 2) Biomedical Instrumentation 3) Mechatronics 4) EHVAC Transmission
	Bio-Medical Engg.	Hospital Management
	Electrical & Electronics Engg.	1. High Voltage Engineering 2. EHVAC 3. Renewable Energy Sources 4. Energy Conservation & Auditing 5. Embeded System

B.E. (All Branches)
Exam. Nov./Dec.-2012

B.E. Part – II (Old) Time: 02.00 p.m. to 05.00 p.m.		
Day & Date	Paper with Branches	
Tuesday 27-11-2012	Civil	Town Planning & Bridge Engg.
	Mechanical	Industrial Engineering
	Electronics : Elective-II	i) Neural Networks ii) Image Processing iii) Mechatronics iv) Information Technology v) Broadband Communication vi) System on Chip
	Production	Costing & Cost Control
	Electronics & Tele-Comm.	Broad Band Communication
	Computer Sci. & Engineering	Advance Database Systems
	Information Technology	Software Testing & Quality Assurance
	Agriculture	Green House Technology
	Electrical	S/W & PR
	Thursday 29-11-2012	Civil
Mechanical		Power Plant Engineering
Electronics		Microwave Engineering
Production : Elective-I		i) Marketing Management ii) Materials Management iii) Data Base Management iv) Entrepreneurship Development v) Financial Management vi) Environmental & Pollution Control vii) Organizational Behavior
Electronics & Tele-Comm.		Audio-Video Engineering
Computer Sci. & Engineering		Component Technology
Information Technology : Elective-II		i) Intelligent Systems ii) Multimedia Storage & Communication iii) GIS Remote Sensing
Agriculture		Dairy Technology
Electrical		Electrical M/C Design

B.E. Part – II (Contd...)(Old) Time: 02.00 p.m. to 05.00 p.m.		
Day & Date	Paper with Branches	
Friday 30-11-2012	Civil : Elective-II	i) Advanced Structural Design ii) Industrial Waste Treatment iii) Reliability Engineering iv) Experimental Stress Analysis v) Hazardous Waste Management vi) Water Power Engineering vii) Entrepreneurship viii) Finite Element Method ix) Optimization Techniques x) Rock Mechanics xi) Dynamics of Structure xii) Design of Bridges xiii) Remote Sensing Applications in Civil Engg.
	Mechanical : Elective-III	i) Material Management ii) Automobile Engineering iii) Costing & Cost Optimization iv) Mechanical Vibrations
	Electronics	Computer Network
	Production : Elective-II	i) Flexible Manufacturing Systems ii) Artificial Intelligence iii) Industrial Robotics iv) Rolling Roll Pass Design v) Material Handling Systems vi) Advanced Foundry Technology vii) Advanced Tool & Die Design
	Electronics & Tele-Comm. : Elective-II	i) Digital Signal Processors ii) Embedded Systems iii) Pattern Recognizing
	Computer Sci. & Engineering	Information Security
	Information Technology	Mobile Technology
	Agriculture	Agriculture Machine Design
	Electrical	Utilisation & Energy Conservation

B.E. Part – II (Contd...)(Old) Time: 02.00 p.m. to 05.00 p.m.		
Day & Date	Paper with Branches	
Saturday 01-12-2012	Civil	Design of Concrete Structure-II
	Mechanical : Elective-IV	i) Marketing Management ii) Cryogenics iii) Advanced Manufacturing Techniques iv) Machine Tool Design
	Electronics	--
	Production	Quality Management
	Electronics & Tele-Comm.	---
	Computer Sci. & Engineering : Elective-III	---
	Information Technology : Elective-III	---
	Agriculture	Renewable Energy Sources
	Electrical : Elective - II	i) HVDC ii) Power System Harmonics iii) Electrical & Electronic Materials
Monday 03-12-2012	Civil	Transportation Engineering-II
	Mechanical	Refrigeration & Air Conditioning
	Electronics	Audio & Video Engg.
	Production	Computer Integrated Manufacturing System
	Electronics & Tele-Comm.	Mobile Communication
	Computer Sci. & Engineering : Elective-II	i) Mobile Computing ii) Image Processing & Pattern Reorganization iii) Artificial Neural Networks & Genetics Algorithms
	Information Technology	IT Business Methodology
	Agriculture : Elective-II	i) Design & Management of Life Irrigation Schemes ii) Storage Engineering iii) Energy Conservation & Management in Agriculture (Time: 02.00 p.m. to 04.00 p.m.)
	Electrical	----

B.E. Part – II (New w.e.f. October-2010)		
Time: 02.00 p.m. to 05.00 p.m.		
Day & Date	Paper with Branches	
Tuesday 27-11-2012	Civil	Design of Concrete Structures - II
	Mechanical	Refrigeration & Air Conditioning
	Electronics	Advanced Communication Engineering
	Electronics & Tele-Comm.	Broad Band Communication
	Computer Sci. & Engineering	Advance Database Systems
	Information Technology	Information Retrieval
	Electrical	FACTS
	Biomedical Engg.	Medical Imaging-II
Thursday 29-11-2012	Civil	Construction Practices and Town Planning
	Mechanical	Industrial & Quality Management
	Electronics	Audio Video Engineering
	Electronics & Tele-Comm.	Audio Video Engineering
	Computer Sci. & Engineering	Mobile Computing
	Information Technology	Mobile Computing
	Electrical	Switchgear Protection
Friday 30-11-2012	Civil : Elective-II	xiv) Advanced Engg. Geology xv) Ground Improvement Techniques xvi) Traffic Engg. & Control xvii) Infrastructural Engineering xviii) Project Appraisal xix) Solid and Hazardous & Waste Management xx) Dynamics of Structures xxi) Environmental Management xxii) Design of Bridges
	Mechanical	Mechatronics
	Electronics	Embedded Systems
	Electronics & Tele-Comm.	Embedded Systems
	Computer Sci. & Engineering	Principles of Mgmt. & Engineering Economics
	Information Technology	Network Security
	Electrical	Digital Signal Processing
	Biomedical Engg.	Biomedical Microsystems

B.E. Part – II (Contd...)(New w.e.f. October-2010)		
Time: 02.00 p.m. to 05.00 p.m.		
Day & Date	Paper with Branches	
Saturday 01-12-2012	Civil : Elective - III	<ul style="list-style-type: none"> i) Advanced Design of Concrete Structures ii) Industrial Waste Treatment iii) Water Power Engg. iv) Entrepreneurship v) Reliability Engg. vi) Finite Element Method vii) Experimental Stress Analysis viii) Optimization Techniques ix) Disaster Management
	Mechanical : Elective-II	<ul style="list-style-type: none"> i) Automobile Engineering ii) Production Management iii) Materials Management iv) Cost Estimation & Cost Control v) Total Quality Management vi) Material Handling Systems vii) Reliability Engineering
	Electronics : Elective-II	<ul style="list-style-type: none"> i) Broadband Communication ii) Real Time Systems iii) Speech Processing iv) PLC and Industrial Controllers v) Network Security vi) Digital Signal Processors
	Electronics & Tele-Comm.	<ul style="list-style-type: none"> i) Pattern Recognition ii) Fuzzy Logic iii) DSP Processors & Application
	Computer Sci. & Engineering : Elective-II	<ul style="list-style-type: none"> i) Data Mining ii) Software Testing & Quality Assurance iii) Bioinformatics iv) Image Processing v) Pattern Recognition vi) VLSI Technology
	Information Technology : Elective-II	<ul style="list-style-type: none"> i) Pattern Recognition ii) Software Testing & Quality Assurance iii) Embedded Systems iv) Image Processing v) VLSI Technology
	Electrical : Elective - II	<ul style="list-style-type: none"> i) Neural Network and Fuzzy Logic ii) Embedded and Real Time Systems iii) Power System Dynamics and Stability iv) HVDC Transmission v) Computer Aided Power System Design
	Biomedical Engg.	Tissue Engineering

B.E. (All Branches)
Exam. Nov./Dec.-2012

NOTE:

1. Candidates are permitted to use stencils at the Examination.
2. Candidates for Examination are expected to provide themselves with slide rules.
3. The exchange of loan of slide rules, drawing instruments or other material used in the Examination is not permitted while the Examination is in progress. Candidates must bring their own Instruments.
4. Candidates are allowed to use the electronic calculators for numerical calculations at their own cost. University will not supply such calculators.
5. The Practical and Oral Examination will takes place before starting of the theory Examinations. The Examiners will notify the day, date and place on the Notice Board of the concerned Colleges. Students must be present at the time and place given for their practical Examination. Those who fail to present themselves at the given time and place will not be examined in Practical & Oral.
6. The Examination Programme is subject to change; if there is any change in the Programme of Examination the University is not responsible for the loss or inconvenience caused to the candidate.
7. Seating arrangement is made date-wise & subject-wise; therefore candidates are requested to see their seating arrangement one day before the date of Examination.
8. Cellular Phone, Pager, Digital Diary or any means which can be used for unfair practices, are not allowed in the Examination Hall.

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Solapur University, Solapur
Date:-19/11/2012**

Sd/-
**(Dr. Salunkhe D.J.)
Controller of Examinations**