



## SOLAPUR UNIVERSITY, SOLAPUR

### CIRCULAR NO.48 EXAM OF 2015 SEMESTER PATTERN EXAMINATION

#### RE-REVISED FINAL PROGRAM OF THE BACHELOR OF ENGINEERING EXAMINATIONS IN THE BRANCHES

- |                              |                             |                                   |
|------------------------------|-----------------------------|-----------------------------------|
| [1] CIVIL ENGINEERING        | [2] MECHANICAL ENGINEERING  | [3] ELECTRONICS ENGINEERING       |
| [4] ELECTRONICS & TELE-COMM. | [5] COMPUTER SCI & ENGG     | [6] INFORMATION TECHNOLOGY        |
| [7] ELECTRICAL ENGINEERING   | [8] BIO-MEDICAL ENGINEERING | [9] ELECTRICAL & ELECTRONICS ENGG |
| [10] CHEMICAL ENGINEERING    |                             |                                   |

#### EXAMINATION TO BE HELD IN NOV/DEC-2015

- 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.
- Important Note:** Code Numbers given in the Bracket are Computer Code of respective Subjects, Students should mention these Code Numbers on Answer Books with Name of the Subject. Also write these Code Numbers on JSR (Junior Supervisor Report) and related documents.

#### The Written Examinations will be held at the following places:

Sr. No.	Centre	College Abbreviation	Place
1	Solapur	WIT	Walchand Institute of Technology
2		BIGCE	Bharatratna Indira Gandhi College of Engg.
3		BMIT	Brahmdevdada Mane Institute of Technology
4		ORCH	Orchid college of Engg. & Technology
5		AGPIT	A.G. Patil Institute of Technology
6		VVPIET	V.V.P. Institute of Engg. & Technology
7		NBNCOE	N.B.Nawale Sinhgad College of Engg., Kegaon
8	Pandharpur	COEP	College of Engineering, Pandharpur
9		KECSP	Karmyogi Engineering College, Shelve-Pandharpur
10		SKNSCOE	S.K.N. Sinhgad College of Engg. Korti
11	Paniv	SITCET	Shriram Institute of Engineering & Technology Centre, Paniv
12	Sangola	FEBTECH	Febtech Technical Campus, College of Engineering & Research, Sangola
13	Akluj	SMSMP	S.M. Shankarrao Mohite Patil College of Engg.
14	Barshi	BIT	Bhagwant Institute of Technology
15	Vairag	COEV	College of Engineering, Vairag

**The Written Examination will be conducted in the following order:**

Day & Date	Sr. No.	<b>F.E. Part – I (w.e.f. June 2012) / (w.e.f. June 2014)</b> <b>*(CGPA Pattern June 2014)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Tuesday 08/12/2015	1	Engineering Mathematics-I (103)/(1)
Thursday 10/12/2015	2	Basic Mechanical Engineering (106)/(4)
Saturday 12/12/2015	3	Basic Electrical Engineering (105)/(5)
Tuesday 15/12/2015	4	Applied Mechanics (104)/(6)
Thursday 17/12/2015	9	Engg. Physics (101)/ (2) & Engg. Physics-II (Group A) (10)
Saturday 19/12/2015	10	Engg. Chemistry § (102)/ (3) & Engg. Chemistry-II (Group B) (11)

Day & Date	Sr. No.	<b>F.E. Part – II (New w.e.f. Nov 2014)</b> <b>*(CGPA Pattern June 2014)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 26/11/2015	5	Engineering Mathematics-II (203)/(9)
Friday 27/11/2015	6	Basic Civil Engineering (205)/(12)
Saturday 28/11/2015	7	* * Basic Electronics & Computer Programming (206)/(14)
Monday 30/11/2015	8	Engineering Graphics (204)/(13) <b>(Time: 03:00 p.m. to 07:00 p.m.)</b>

\* The students of sem- I & II (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPA pattern.

\*\* For this paper the students of Sem-II (old pattern BE 50 marks & CP 30 marks) have to appear for BE & CP of 35 mark each.

**Branch-1: Civil Engineering – (Civil)**

Day & Date	Sr. No.	<b>S.E. Part – I (New w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Wednesday 09/12/2015	11	Concrete Technology (21)
Friday 11/12/2015	12	Structural Mechanics – I (22)
Monday 14/12/2015	13	Surveying – I (23)
Wednesday 16/12/2015	14	Building Construction & Drawing (24) <b>(Time: 10:00 a.m. to 02:00 p.m.)</b>
Friday 18/12/2015	15	Fluid Mechanics – I (25)
Monday 21/12/2015	16	Engg. Geology (26)

\*[The students of SE Part-I (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPA pattern]

Day & Date	Sr. No.	<b>S.E. Part – II (w.e.f. of Nov 2013)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Thursday 26/11/2015	17	Structural Mechanics-II (121)
Friday 27/11/2015	18	Surveying –II (122)
Saturday 28/11/2015	19	Building Construction & Design (123) <b>(Time: 10:00 a.m. to 02:00 p.m.)</b>
Monday 30/11/2015	20	Fluid Mechanics-II (124)
Tuesday 01/12/2015	21	Water Resources Engg-I (125)
Wednesday 02/12/2015	22	Engg. Math-III (126)

<b>B. Engineering SE Part-II (All Branch)</b>		
Day & Date	SUBJECT <b>Time : 11:00 a.m. to 01:00 p.m.</b>	Candidates note that Environmental Studies Examination will be conducted in their Parent College
Sunday 13/12/2015	Environmental Studies (9998)	

**Branch-1: Civil Engineering – (Civil)**

Day & Date	Sr. No.	<b><u>T.E. Part – I (w.e.f. June 2014)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 03/12/2015	23	Design of Steel Structures (301)/(94061)
Saturday 05/12/2015	24	Geotechnical Engg.I (302)/(94062)
Tuesday 08/12/2015	25	Building Planning & Design (303)/(94063) <b>(Time: 03:00 p.m. to 07:00 p.m.)</b>
Thursday 10/12/2015	26	Environmental Engg.I (304)/(94064)
Saturday 12/12/2015	27	Engineering Management- I (305)/(94065)
Tuesday 15/12/2015	28	Transportation Engg.-I (306)/(94066)
Thursday 17/12/2015	29	Self Learning (HSS) (307) <b>(Time: 03:00 p.m. to 05:00 p.m.)</b> a) Introduction of Sociology b) Economics c) Professional Ethics & Human Value d) Stress & Coping e) Intellectual Property Rights for Tech. Development and Management

Day & Date	Sr. No.	<b><u>T.E. Part – II (Old up to Oct 2015)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 26/11/2015	30	Structural Mechanics – III (41101)
Friday 27/11/2015	31	Geotechnical Engg. – II (41102)
Saturday 28/11/2015	32	Environmental Engg. – II (41103)
Monday 30/11/2015	33	Engineering Management – II (41104)
Tuesday 01/12/2015	34	Transportation Engg. – II (41105)

**Branch-1: Civil Engineering – (Civil)**

Day & Date	Sr. No.	<b>T.E. Part – II (New w.e.f. Nov 2014)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 26/11/2015	35	Structural Mechanics – III (1101)/(96001)
Friday 27/11/2015	36	Geotechnical Engg. – II (1102)/(96002)
Saturday 28/11/2015	37	Environmental Engg. – II (1103)/(96003)
Monday 30/11/2015	38	Engineering Management – II (1104)/(96004)
Tuesday 01/12/2015	39	Transportation Engg. – II (1105)/(96005)
Wednesday 02/12/2015	40	Self Learning (Technical) (1191)/(96090) <b>(Time: 03:00 p.m. to 05:00 p.m.)</b> a) Pavement Analysis and Design b) Planning for Sustainable Development c) TQM and MIS in Civil Engineering d) Earthquake Resistant non Engineered Construction e) Geosynthetics & reinforced soil structures

Day & Date	Sr. No.	<b>B.E. Part – I (Old up to Mar 2016)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Friday 04/12/2015	41	Design of Concrete Structures – I (51101)
Monday 07/12/2015	42	Quantity Surveying and Valuation (51102) <b>(Time: 03:00 p.m. to 07:00 p.m.)</b>
Wednesday 09/12/2015	43	Earthquake Engg. (51103)
Friday 11/12/2015	44	Water Resources Engg. –II (51104)
Monday 14/12/2015	45 46 47 48 49 50	<b>Elective- I</b> 5.2) Air Pollution & Control (51106) 5.3) Design of Foundations (51107) 5.5) Managerial Techniques (51109) 5.8) Advanced Concrete Technology (51112) 5.4) Advanced Design of Steel Structures (51108) 5.1) Open Channel & River Hydraulics (51105)

**Branch-1: Civil Engineering – (Civil)**

Day & Date	Sr. No.	<b>B.E. Part – I (New w.e.f. June 2015)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>	
Friday 04/12/2015	51	Design of Concrete Structures – I (51301)/(1201)	
Monday 07/12/2015	52	Quantity Surveying and Valuation (51302)/(1202) <b>(Time: 03:00 p.m. to 07:00 p.m.)</b>	
Wednesday 09/12/2015	53	Earthquake Engg. (51303)/(1203)	
Friday 11/12/2015	54	Water Resources Engg. –II (51304)/(1204)	
Monday 14/12/2015	55	<b>Elective- I</b>	<b>5.1) Open Channel &amp; River Hydraulics (51308)/(1208)</b>
	56		<b>5.2) Air Pollution &amp; Control (51309)/(1209)</b>
	57		<b>5.3) Design of Foundations (51310)/(1210)</b>
	58		<b>5.4) Advanced Design of Concrete Structures (51311)/(1211)</b>
	59		<b>5.5) Managerial Techniques (51312)/(1212)</b>
	60		<b>5.6) Computer Applications in Civil Engg (51313)/(1213)</b>
	61		<b>5.7) Advanced structures (51314)/(1214)</b>
	62		<b>5.8) Entrepreneurship (51315)/(1215)</b>
	63		<b>5.9) Remote Sensing and GIS Applications (51316)/(1216)</b>

Day & Date	Sr. No.	<b>B.E. Part – II</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>	
Thursday 26/11/2015	64	Design of Concrete Structures – II (52101)	
Saturday 28/11/2015	65	Construction Practices and Town Planning (52102)	
Monday 30/11/2015	66	<b>Elective- II</b>	i) Ground Improvement Techniques (52104)
	67		ii) Traffic Engg. & Control (52105)
	68		iii) Solid and Hazardous & Waste Management (52108)
	69		ix) Design of Bridges (52111)
	70		v) Infrastructural Engineering (52106)
Wednesday 02/12/2015	71	<b>Elective - III</b>	i) Advanced Design of Concrete Structures (52112)
	72		ii) Industrial Waste Treatment (52113)
	73		iii) Water Power Engg. (52114)
	74		iv) Entrepreneurship (52115)
	75		viii) Optimization Techniques (52119)
	76		ix) Disaster Management (52120)

**Branch 2: Mechanical Engineering – (Mech)**

Day & Date	Sr. No.	<b><u>S.E. Part – I (New w.e.f. June 2015)</u></b> <b>* (CGPA Pattern 2014)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Wednesday 09/12/2015	77	Analysis of Mechanical Elements (31)/(91405)
Friday 11/12/2015	78	Applied Thermodynamics (32)/(91406)
Monday 14/12/2015	79	Engineering Mathematics – III (33)/(91407)
Wednesday 16/12/2015	80	Machine Tools & Processes (34)/(91408)
Friday 18/12/2015	81	Machine Drawing (35)/(91409) <b>(Time: 10:00 a.m. to 02:00 p.m.)</b>

\* [The students of SE Part-I (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPA pattern]

Day & Date	Sr. No.	<b><u>S.E. Part – II (w.e.f. of Nov 2013)</u></b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Thursday 26/11/2015	82	Fluid Mechanics (133)/(91891)
Friday 27/11/2015	83	Theory of Machines – I (131)/(91889)
Saturday 28/11/2015	84	Manufacturing Processes (132)/(91890)
Monday 30/11/2015	85	Numerical Methods (134)/(91892)
Tuesday 01/12/2015	86	Electrical and Electronics Technology (135)/(91893)

Day & Date	Sr. No.	<b><u>T.E. Part – I (w.e.f June 2014)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 03/12/2015	87	Theory of Machine –II (401) /(93011)
Saturday 05/12/2015	88	Heat and Mass Transfer (402) /(93012)
Tuesday 08/12/2015	89	Metallurgy (403) /(93013)
Thursday 10/12/2015	90 91 92	<b><u>Professional Elective - I</u></b> 1] Machine Tool Design (405) /(93015) 2] Fluid Machinery and Fluid Power (406) /(93016) 3] Material Handling Systems (407) /(93017)
Saturday 12/12/2015	93	Machine Design – I (404) /(93014)
Thursday 17/12/2015	94	Self Learning (HSS) (407)/(93020) <b>(Time: 03:00 p.m. to 05:00 p.m.)</b> a) Introduction of Sociology b) Professional Ethics & Human Values c) Economics d) Stress & Coping e) Intellectual Property Rights for Tech. Development and Management

Day & Date	Sr. No.	<b><u>T.E. Part – I (w.e.f June 2014)</u></b> <b>(Old up to Oct 2015 Last Chance)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Saturday 19/12/2015	472	Industrial Engineering (9215)

Day & Date	Sr. No.	<b><u>T.E. Part – II (Old up to Oct 2015)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Monday 21/12/2015	95	Machine Design – II (41111)
Friday 27/11/2015	96	Tool Engineering (41112) <b>(Time: 03:00 p.m. to 07:00 p.m.)</b>
Saturday 28/11/2015	97	Heat & Mass Transfer (41113)
Monday 30/11/2015	98	Automatic Control Engineering (41114)
Tuesday 01/12/2015	99	CAD/CAM (41115)



**Branch 2: Mechanical Engineering – (Mech)**

Day & Date	Sr. No.	<b>T.E. Part – II (New w.e.f Nov 2014)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 26/11/2015	100	Metrology and Mechanical Measurements (1111)/(96011)
Friday 27/11/2015	101	Internal Combustion Engine (1112)/(96012)
Saturday 28/11/2015	102	CAD/CAM (1113)/(96013)
Monday 30/11/2015	103	Machine Design – II (1114)/(96014)
Tuesday 01/12/2015	104	<b>Professional Elective - II</b> 1] Experimental Stress Analysis (1115)/(96015) 2] Power Plant and Energy Engineering (1116)/(96016) 3] Mechanical Vibration (1118)/(96018) 4] Tool Engineering (Time: 03:00 pm to 07:00 pm) (1117)/(96017)
	105	
	106	
	107	
--	--	a) Mini Project/Case Study b) Paper Presentation/Seminar

Day & Date	Sr. No.	<b>B.E. Part – I (Old up to Mar 2016)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Friday 04/12/2015	108	I.C. Engine (51121)
Monday 07/12/2015	109	Operations Research (51123)
Wednesday 09/12/2015	110	Power Plant and Energy Engineering (51122)
Friday 11/12/2015	111	Finite Element Methods (51124)
Monday 14/12/2015	112	<b>Elective-I</b> 2) Experiment Stress Analysis (51126) 3) Process Engineering (51127)
	113	

**Branch 2: Mechanical Engineering – (Mech)**

Day & Date	Sr. No.	<b>B.E. Part – I (New w.e.f. June 2015)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>	
Friday 04/12/2015	114	Automatic Control Engineering (51321)/(1221) / * I.C. Engine (51333)	
Monday 07/12/2015	115	Operations Research (51322)/(1222)	
Wednesday 09/12/2015	116	Refrigeration and Air Conditioning (51323)/(1223)	
Friday 11/12/2015	117 118 119	<b>Professional Elective – 3</b> 1) Finite Element Methods (51326)/(1226) 2) Automobile Engineering (51327)/(1227) 3) Process Engineering (51328)/(1228)	
Monday 14/12/2015	120 121 122 123	<b>Elective-I</b>	1) Industrial Robotics (51329)/(1229) 2) Sugar Engineering (51330)/(1230) 3) Textile Engineering (51331)/(1231) 4) Entrepreneurship Development (51332)/(1232)

\* [This subject is to be conducted simultaneously with Automatic Control Engineering where all regular students of BE (Mech) Part-I (New) will appear for Automatic Control Engineering and all students completing TE (Mech) in old syllabus will appear for subject I.C. Engine]

Day & Date	Sr. No.	<b>B.E. Part – II</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>	
Thursday 26/11/2015	124	Refrigeration & Air Conditioning (52131)	
Saturday 28/11/2015	125	Industrial & Quality Management (52132)	
Monday 30/11/2015	126	Mechatronics (52133)	
Wednesday 02/12/2015	127 128 129	<b>Elective-II</b>	i) Automobile Engineering (52134) ii) Production Management (52138) iii) Material Handling Systems (52140)

**Branch 3: Electronics Engineering – (Elen)**

Day & Date	Sr. No.	<b>S.E. Part – I (New w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Wednesday 09/12/2015	130	Engineering Mathematics – III (41)/(91399)
Friday 11/12/2015	131	Electronics Circuit Analysis and Design – I (42)/(913400)
Monday 14/12/2015	132	Network Theory & Analysis (43)/(91401)
Wednesday 16/12/2015	133	Digital Logic design (44)/(91402)
Friday 18/12/2015	134	Data Structures (45)/(91403)

\* [The students of SE Part-I (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPA pattern]

Day & Date	Sr. No.	<b>S.E. Part – II (w.e.f. of Nov 2013)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Thursday 26/11/2015	135	Electrical Machines (141)/(92001)
Friday 27/11/2015	136	Electronics Circuit Analysis and Design-II (142)/(91400)
Saturday 28/11/2015	137	Analog communication (143)/(92003)
Monday 30/11/2015	138	Linear Integrated circuits (144)/(92004)
Tuesday 01/12/2015	139	Signals and systems (145)/(92005)

Day & Date	Sr. No.	<b>T.E. Part – I (w.e.f June 2014)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 03/12/2015	140	Control Systems (501)/(93021)
Saturday 05/12/2015	141	Digital Signal Processing (502)/(93022)
Tuesday 08/12/2015	142	Microprocessor and Interfacing (503)/(93023)
Thursday 10/12/2015	143	Electro Magnetic Engineering (504)/(93024)
Saturday 12/12/2015	144	Information Technology & Management (505)/(93025)
Thursday 17/12/2015	145	Self Learning (307)/(93020) <b>(Time: 03:00 p.m. to 05:00 p.m.)</b> a) Economics b) Professional Ethics & Human Values c) Introduction of Sociology d) Stress & Coping e) Intellectual Property Right for Tech. Develop & Mgnt.

**Branch 3: Electronics Engineering – (Elen)**

Day & Date	Sr. No.	<b><u>T.E. Part – II (Old up to Oct 2015)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 26/11/2015	146	Operating Systems (41121)
Friday 27/11/2015	147	Digital Communication (41122)
Saturday 28/11/2015	148	Micro Controllers (41123)
Monday 30/11/2015	149	Industrial Electronics (41124)
Tuesday 01/12/2015	150	VLSI Design (41125)

Day & Date	Sr. No.	<b><u>T.E. Part – II (New w.e.f Nov 2014)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 26/11/2015	151	Operating Systems (1121)/(96021)
Friday 27/11/2015	152	Digital Communication (1122)/(96022)
Saturday 28/11/2015	153	Microcontrollers (1123)/(96023)
Monday 30/11/2015	154	Industrial Electronics (1124)/(96024)
Tuesday 01/12/2015	155	VLSI Design (1125)/(96025)
Wednesday 02/12/2015	156	Self Learning (1191)/(96090) <b>(Time: 03:00 p.m. to 05:00 p.m.)</b> a) Automotive Electronics b) Robotics c) Electronics Instrumentation d) Programming in VB Net

Day & Date	Sr. No.		<b><u>B.E. Part – I (Old up to Mar 2016)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Friday 04/12/2015	157		Power Electronics (51141)
Monday 07/12/2015	158		Computer Networks (51142)
Wednesday 09/12/2015	159		Mobile Technology (51143)
Friday 11/12/2015	160		Electronic Instrumentation (51144)
Monday 14/12/2015	161	<b>Elective-I</b>	2) Mechatronics (51146)
	162		4) Image Processing (51148)

**Branch 3: Electronics Engineering – (Elen)**

Day & Date	Sr. No.		<b>B.E. Part – I (New w.e.f June 2015)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Friday 04/12/2015	163		Power Electronics (51341/1241)
Monday 07/12/2015	164		Computer Networks (51342/1242)
Wednesday 09/12/2015	165		Mobile Technology (51343/1243)
Friday 11/12/2015	166		Electronic System Design (51345/1245)(1244)
Monday 14/12/2015	167 168 169	<b>Elective-I</b>	<b>1) Biomedical Instrumentation (51348/1247)</b> <b>2) Mechatronics (51349/1248)</b> <b>3) Image Processing (51350/1249)</b>

Day & Date	Sr. No.		<b>B.E. Part – II</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Thursday 26/11/2015	170		Advanced Communication Engineering (52151)
Saturday 28/11/2015	171		Audio Video Engineering (52152)
Monday 30/11/2015	172		Embedded Systems (52153)
Wednesday 02/12/2015	173 174	<b>Elective-II</b>	<b>i) Broadband Communication (52154)</b> <b>iv) PLC and Industrial Controllers (52157)</b>

**Branch 4: Electronics & Telecommunication Engineering – (E & TC)**

Day & Date	Sr. No.	<b><u>S.E. Part – I (New w.e.f. June 2015)</u></b> <b>*(CGPA Pattern 2014)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Wednesday 09/12/2015	175	Engineering Mathematics – III (71)/(91426)
Friday 11/12/2015	176	Electronics Circuit Analysis and Design –I (72)/(91427)
Monday 14/12/2015	177	Circuits & Networks (73)/(91428)
Wednesday 16/12/2015	178	Digital Techniques (74)/(91429)
Friday 18/12/2015	179	Data Structures using 'C' (75)/(91430)

\* [The students of SE Part-I (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPA pattern]

Day & Date	Sr. No.	<b><u>S.E. Part – II (w.e.f. Nov 2013)</u></b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Thursday 26/11/2015	180	Electronic circuit analysis and design - II (171)/(92031)
Friday 27/11/2015	181	Analog communication (172)/(92032)
Saturday 28/11/2015	182	Control systems (173)/(92033)
Monday 30/11/2015	183	Linear Integrated circuits (174)/(92034)
Tuesday 01/12/2015	184	Signals and Systems (175)/(92035)

Day & Date	Sr. No.	<b><u>T.E. Part – I (w.e.f. June 2014)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 03/12/2015	185	Electro Magnetic Engg. & Radiating System (801)/(94011)
Saturday 05/12/2015	186	Principles of Digital Communication (802)/(94012)
Tuesday 08/12/2015	187	Software Engineering & Project Management System (803)/(94013)
Thursday 10/12/2015	188	Digital Signal Processing (804)/(94014)
Saturday 12/12/2015	189	Microprocessors (805)/(94015)
Thursday 17/12/2015	190	Self Learning (HSS) (307) <b>(Time: 03:00 p.m. to 05:00 p.m.)</b> a) Introduction of Sociology b) Economics c) Professional Ethics & Human Value d) Stress & Coping e) Intellectual Property Rights for Tech. Develop't & Mgnt

**Branch 4: Electronics & Telecommunication Engineering – (E & TC)**

Day & Date	Sr. No.	<b>T.E. Part – II (Old up to Oct 2015)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 26/11/2015	191	Radar & Microwave Engineering (41151)
Friday 27/11/2015	192	Microcontrollers & Application (41152)
Saturday 28/11/2015	193	Industrial Electronics (41153)
Monday 30/11/2015	194	Optical Communication (41154)
Tuesday 01/12/2015	195	Electronics System Design (41155)

Day & Date	Sr. No.	<b>T.E. Part – II (New w.e.f. Nov 2014)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 26/11/2015	196	Radar & Microwave Engineering (1151)/(96051)
Friday 27/11/2015	197	Microcontrollers & Application (1152)/(96052)
Saturday 28/11/2015	198	Electronics Applications & System Design (1153)/(96053)
Monday 30/11/2015	199	Optical Communication (1154)/(96054)
Tuesday 01/12/2015	200	Mobile Communication (1155)/(96055)
Wednesday 02/12/2015	201	Self Learning (1191)/(96090) <b>(Time: 03:00 p.m. to 05:00 p.m.)</b> a) Computer Organization b) Operating System c) Robotics

Day & Date	Sr. No.		<b>B.E. Part – I (Old up to Mar 2016)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Friday 04/12/2015	202		Computer Communication Network (51201)
Monday 07/12/2015	203		VLSI Design (51202)
Wednesday 09/12/2015	204		Mobile & Satellite Communication (51203)
Friday 11/12/2015	205		Random Signal Theory & Coding (51204)
Monday 14/12/2015	206	<b>Elective-I</b>	Image Processing (51206)

**Branch 4: Electronics & Telecommunication Engineering – (E & TC)**

Day & Date	Sr. No.		<b>B.E. Part – I (New w.e.f. June 2015)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Friday 04/12/2015	207		Computer Communication Network (51391/1291)
Monday 07/12/2015	208		VLSI Design (51392/1292)
Wednesday 09/12/2015	209		Satellite Communication (51393/1293)
Friday 11/12/2015	210		Coding Theory (51394/1294)
Monday 14/12/2015	211 212 213	<b>Elective-I</b>	1) Advanced Telecommunication Network (51397/1297) 2) Image Processing (51398/1298) 3) Advance DSP (51399/1299)

Day & Date	Sr. No.		<b>B.E. Part – II</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Thursday 26/11/2015	214		Broad Band Communication (52211)
Saturday 28/11/2015	215		Audio Video Engineering (52212)
Monday 30/11/2015	216		Embedded Systems (52213)
Wednesday 02/12/2015	217 218 219	<b>Elective-II</b>	i) Pattern Recognition (52214) ii) Fuzzy Logic (52215) iii) DSP Processors & Application (52216)



**Branch 5: Computer Science & Engineering – (CSE)**

Day & Date	Sr. No.	<b><u>S.E. Part – I (New w.e.f. June 2015)</u></b> <b>*(CGPA Pattern 2014)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Wednesday 09/12/2015	220	Applied Mathematics – I (51) (1151)/(91438)
Friday 11/12/2015	221	Discrete Mathematical Structures (52) /(91439)
Monday 14/12/2015	222	Advanced C Concepts (53) /(91440)
Wednesday 16/12/2015	223	Digital Techniques (54) /(91441)
Friday 18/12/2015	224	Computer Graphics (55) /(91442)

\* [The students of SE Part-I (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPA pattern]

Day & Date	Sr. No.	<b><u>S.E. Part – I (w.e.f. June 2008) (Old)</u></b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Friday 04/12/2015	225	Data Structures – I (34933)
Monday 07/12/2015	226	Switching Theory & Logic Design (34934)

Day & Date	Sr. No.	<b><u>S.E. Part – II (w.e.f. Nov 2013)</u></b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Thursday 26/11/2015	227	Applied Mathematics-II (151) /(92011)
Friday 27/11/2015	228	Theory of Computation (152) /(92012)
Saturday 28/11/2015	229	Microprocessors (153) /(92013)
Monday 30/11/2015	230	Data Structures (155) /(92015)
Tuesday 01/12/2015	231	Data Communication (154) /(92014)

Day & Date	Sr. No.	<b><u>S.E. Part – II (w.e.f. Nov 2008) (Old)</u></b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Monday 21/12/2015	232	Data Structure - II (9135)
Tuesday 22/12/2015	233	Formal system & Automata (9132)
Wednesday 23/12/2015	234	Computer Networks-I (9134)

**Branch 5: Computer Science & Engineering – (CSE)**

Day & Date	Sr. No.	<b>T.E. Part – I (w.e.f. June 2014)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 03/12/2015	235	Computer Networks (603) /(94043)
Saturday 05/12/2015	236	Computer Organization (605) /(94045)
Tuesday 08/12/2015	237	System Programming (602) /(94042)
Thursday 10/12/2015	238	Operating System Concepts (601) /(94041)
Saturday 12/12/2015	239	Design & Analysis of Algorithm (604) /(94044)
Thursday 17/12/2015	240	Self Learning (HSS) (307)/(93020) <b>(Time: 03:00 p.m. to 05:00 p.m.)</b> a) Introduction of Sociology b) Stress & Coping c) Economics d) Professional Ethics & Human Values e) Intellectual Property Rights for Tech. Dev. & Mgmt

Day & Date	Sr. No.	<b>T.E. Part – II (Old up to Oct 2015)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 26/11/2015	241	Data Base Engineering (41131)
Friday 27/11/2015	242	Compiler Construction (41132)
Saturday 28/11/2015	243	Operating System – II (41133)
Monday 30/11/2015	244	Software Engineering (41134)
Tuesday 01/12/2015	245	Artificial Intelligence (41135)

**Branch 5: Computer Science & Engineering – (CSE)**

Day & Date	Sr. No.	<b><u>T.E. Part – II (New w.e.f. Nov 2014)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 26/11/2015	246	Database Engineering (1134)/(96034)
Friday 27/11/2015	247	Compiler Construction (1131)/(96031)
Saturday 28/11/2015	248	Unix Operating System (1132)/(96032)
Monday 30/11/2015	249	Software Engineering (1135)/(96035)
Tuesday 01/12/2015	250	Mobile Computing (1133)/(96033)
Wednesday 02/12/2015	251	Self Learning (HSS/Technical) (1191)/(96090) <b>(Time: 03:00 p.m. to 05:00 p.m.)</b> a) Network Setup & Management Tools b) Software Licenses and Practices c) Computer Modeling and Simulation

Day & Date	Sr. No.		<b><u>B.E. Part – I (Old up to Mar 2016)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Friday 04/12/2015	252		Advanced Computer Architecture (51161)
Monday 07/12/2015	253		Distributed System (51163)
Wednesday 09/12/2015	254		Network Security (51162)
Friday 11/12/2015	255 256 257	<b>Elective</b> <b>- I</b>	2) Object Oriented Modeling & Design (51165) 5) Information Retrieval (51168) 7) Human Computer Interface (51170)

Day & Date	Sr. No.		<b><u>B.E. Part – I (New w.e.f. June 2015)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Friday 04/12/2015	258		Advanced Computer Architecture (51351/1251)
Monday 07/12/2015	259		Distributed Systems (51352/1252)
Wednesday 09/12/2015	260		Modern Database Systems (51353/1253)
Friday 11/12/2015	261 262 263 264	<b>Elective</b> <b>- I</b>	1) Human Computer Interaction (51357/1257) 2) Digital Signal Processing (51358/1258) 3) Software Testing & Quality Assurance (51359/1259) 4) Business Intelligence (51360/1260)
Monday 14/12/2015	265 266 267 268	<b>Elective</b> <b>- II</b>	1) Object Oriented Modeling & Design (51361/1261) 2) Wireless Ad hoc Networks (51362/1262) 3) Intelligent Systems (51363/1263) 4) Mobile Application Development (51364/1264)

**Branch 5: Computer Science & Engineering – (CSE)**

<b>Day &amp; Date</b>	<b>Sr. No.</b>		<b>B.E. Part – II</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
<b>Thursday 26/11/2015</b>	269		Advance Database Systems <b>(52171)</b>
<b>Saturday 28/11/2015</b>	270		Mobile Computing <b>(52172)</b>
<b>Monday 30/11/2015</b>	271		Principles of Mgmt. & Engineering Economics <b>(52173)</b>
<b>Wednesday 02/12/2015</b>	272 273 274	<b>Elective-II</b>	i) Data Mining <b>(52174)</b> ii) Software Testing & Quality Assurance <b>(52175)</b> iii) Mobile Application Development <b>(91881)</b>

Branch 6: Information Technology – (IT)

Day & Date	Sr. No.	<b><u>S.E. Part – I (New w.e.f. June 2015)</u></b> <b>* (CGPA Pattern 2014)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Wednesday 09/12/2015	275	Applied Mathematics – I (61)/(91444)
Friday 11/12/2015	276	Discrete Mathematical Structures (62)/(91445)
Monday 14/12/2015	277	Advanced C Concepts (63)/(91446)
Wednesday 16/12/2015	278	Digital Techniques (64)/(91447)
Friday 18/12/2015	279	Computer Graphics (65)/(91448)

\* [The students of SE Part-I (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPA pattern]

Day & Date	Sr. No.	<b><u>S.E. Part – I (w.e.f. June 2008) (Old)</u></b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Friday 04/12/2015	280	Data Structures – I (34943)
Monday 07/12/2015	281	Switching Theory & Logic Design (34944)

Day & Date	Sr. No.	<b><u>S.E. Part – II (w.e.f. of Nov 2013)</u></b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Thursday 26/11/2015	282	Applied Mathematics-II (161)/(92021)
Friday 27/11/2015	283	Theory of Computation (162)/(92022)
Saturday 28/11/2015	284	Microprocessors (163)/(92023)
Monday 30/11/2015	285	Data Structures (165)/(92025)
Tuesday 01/12/2015	286	Data Communication (164)/(92024)

Day & Date	Sr. No.	<b><u>S.E. Part – II (w.e.f. Nov 2008) (Old)</u></b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Monday 21/12/2015	287	Data Structure - II (9145)
Tuesday 22/12/2015	288	Formal system & Automata (9142)
Wednesday 23/12/2015	289	Computer Networks-I (9144)

**Branch 6: Information Technology – (IT)**

<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b><u>T.E. Part – I (w.e.f. June 2014)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
<b>Thursday 03/12/2015</b>	290	Network Management <b>(701)/(94021)</b>
<b>Saturday 05/12/2015</b>	291	Computer Organization & Architecture <b>(702)/(94022)</b>
<b>Tuesday 08/12/2015</b>	292	System Software <b>(703)/(94023)</b>
<b>Thursday 10/12/2015</b>	293	Principles of Operating Systems <b>(704)/(94024)</b>
<b>Saturday 12/12/2015</b>	294	Design & Analysis of Algorithms <b>(705)/(94025)</b>
<b>Thursday 17/12/2015</b>	295	Self Learning (HSS) <b>(307)/(93020)</b> <b>(Time: 03:00 p.m. to 05:00 p.m.)</b> a) Introduction of Sociology b) Economics c) Professional Ethics & Human Values c) Stress & Coping e) Intellectual Property Rights for Tech. Dev. & Mgmt

<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b><u>T.E. Part – II (Old up to Oct 2015)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
<b>Thursday 26/11/2015</b>	296	Data Base Engineering <b>(41141)</b>
<b>Friday 27/11/2015</b>	297	Compiler Construction <b>(41142)</b>
<b>Saturday 28/11/2015</b>	298	Operating System – II <b>(41143)</b>
<b>Monday 30/11/2015</b>	299	Software Engineering <b>(41144)</b>
<b>Tuesday 01/12/2015</b>	300	Artificial Intelligence <b>(41145)</b>

**Branch 6: Information Technology – (IT)**

Day & Date	Sr. No.	<b><u>T.E. Part – II (New w.e.f. Nov 2014)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 26/11/2015	301	Database Engineering (1141)/(96041)
Friday 27/11/2015	302	Object Oriented Modeling & Design (1142)/(96042)
Saturday 28/11/2015	303	Unix Operating System Concepts (1143)/(96043)
Monday 30/11/2015	304	Software Engineering (1144)/(96044)
Tuesday 01/12/2015	305	Mobile Application Development (1145)/(96045)
Wednesday 02/12/2015	306	Self Learning (HSS/Technical) (1191)/(96090) <b>(Time: 03:00 p.m. to 05:00 p.m.)</b> a) Network setting and management b) Tools for computer Architecture c) Compiler Development Tools d) Network setup and management

Day & Date	Sr. No.		<b><u>B.E. Part – I (Old up to Mar 2016)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Friday 04/12/2015	307		Advanced Computer Architecture (51181)
Monday 07/12/2015	308		Management Information System (51182)
Wednesday 09/12/2015	309		Advanced Data Base System (51183)
Friday 11/12/2015	310	<b>Elective - I</b>	2) Object Oriented Modeling & Design (51185)

Day & Date	Sr. No.		<b><u>B.E. Part – I (New w.e.f. June 2015)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Friday 04/12/2015	311		Human Computer Interaction (51371/1271)
Monday 07/12/2015	312		Management Information System (51372/1272)
Wednesday 09/12/2015	313		Advanced Data Base System (51373/1273)
Friday 11/12/2015	314		Software Testing and Quality Assurance (51374/1274)
Monday 14/12/2015	315 316 317 318	<b>Elective - I</b>	1) Fuzzy & Neural Networks (51378/1278) 2) Distributed Computing (51379/1279) 3) Image Processing (51380/1280) 4) Microcontroller & Embedded Systems (51381/1281)

Branch 6: Information Technology – (IT)

<b>Day &amp; Date</b>	<b>Sr. No.</b>		<b><u>B.E. Part – II</u></b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
<b>Thursday 26/11/2015</b>	319		Information Retrieval <b>(52191)</b>
<b>Saturday 28/11/2015</b>	320		Mobile Computing <b>(52192)</b>
<b>Monday 30/11/2015</b>	321		Network Security <b>(52193)</b>
<b>Wednesday 02/12/2015</b>	322 323	<b>Elective - II</b>	ii) Software Testing & Quality Assurance <b>(52195)</b> iii) Mobile Application Development <b>(91881)</b>



**Branch 7: Electrical Engineering – (Elec)**

Day & Date	Sr. No.	<b>S.E. Part – I (New w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Wednesday 09/12/2015	324	Engineering Mathematics-III (81)/(91432)
Friday 11/12/2015	325	Electrical Machine - I (82)/(91433)
Monday 14/12/2015	326	Electronic Devices & Circuits (83)/(91434)
Wednesday 16/12/2015	327	Electrical Measurement & Instrumentation (84)/(91435)
Friday 18/12/2015	328	Power Plant Engineering (85)/(91436)

\* [The students of SE Part-I (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPA pattern]

Day & Date	Sr. No.	<b>S.E. Part – I (w.e.f. June 2008) (Old)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Friday 04/12/2015	329	Data Structure (34964)

Day & Date	Sr. No.	<b>S.E. Part – II (w.e.f. of Nov 2013)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Thursday 26/11/2015	330	Numerical Methods & Computer Programming (181)/(92041)
Friday 27/11/2015	331	Electrical Machine-II (182)/(92042)
Saturday 28/11/2015	332	Elements of Power Systems (183)/(92043)
Monday 30/11/2015	333	Analog & Digital Integrated Circuits (184)/(92044)
Tuesday 01/12/2015	334	Network Analysis (185)/(92045)

Day & Date	Sr. No.	<b>S.E. Part – II (w.e.f. Nov 2008) (Old)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Monday 21/12/2015	335	Signals and Systems (9162)
Tuesday 22/12/2015	336	Computer Programming C++ (9165)

**Branch 7: Electrical Engineering – (Elec)**

Day & Date	Sr. No.	<b>T.E. Part – I (w.e.f. June 2014)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
<b>Thursday</b> <b>03/12/2015</b>	337	Power System Analysis (901)/(94031)
<b>Saturday</b> <b>05/12/2015</b>	338	Engineering Economics and Industrial Management (902)/(94032)
<b>Tuesday</b> <b>08/12/2015</b>	339	Electromagnetic Engineering (903)/(94033)
<b>Thursday</b> <b>10/12/2015</b>	340	Control Systems-I (905)/(94035)
<b>Saturday</b> <b>12/12/2015</b>	341	Electrical Machine-III (904)/(94034)
<b>Thursday</b> <b>17/12/2015</b>	342	Self Learning (307)/(93020) <b>(Time: 03:00 p.m. to 05:00 p.m.)</b> a) Pavement Analysis and Design b) Professional Ethics & Human Values c) Economics d) Stress and Copying e) Intellectual Property Rights for Tech. Dev. & Mgmt

Day & Date	Sr. No.	<b>T.E. Part – II (Old up to Oct 2015)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
<b>Thursday</b> <b>26/11/2015</b>	343	Power System – II (41161)
<b>Friday</b> <b>27/11/2015</b>	344	Control System – II (41162)
<b>Saturday</b> <b>28/11/2015</b>	345	Microprocessor & Application (41163)
<b>Monday</b> <b>30/11/2015</b>	346	Power Electronics (41164)
<b>Tuesday</b> <b>01/12/2015</b>	347	Engg. Economics & Industrial Management (41165)
<b>Wednesday</b> <b>02/12/2015</b>	348	Utilization of Electrical Energy & Energy Conservation (41166)

**Branch 7: Electrical Engineering – (Elec)**

Day & Date	Sr. No.	<b>T.E. Part – II (New w.e.f. Nov 2014)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 26/11/2015	349	Electrical Machine Design (1162)/(96062)
Friday 27/11/2015	350	Control System – II (1161)/(96061)
Saturday 28/11/2015	351	Microprocessor and Microcontrollers (1165)/(96065)
Monday 30/11/2015	352	Power Electronics (1163)/(96063)
Tuesday 01/12/2015	353	Signals & Systems (1164)/(96064)
Wednesday 02/12/2015	354	Self Learning (1191)/(96090) <b>(Time: 03:00 p.m. to 05:00 p.m.)</b> a) Safety Engg and Disaster management b) Intellectual Property Rights c) Value Engineering

Day & Date	Sr. No.		<b>B.E. Part – I (Old up to Mar 2016)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Friday 04/12/2015	355		Industrial Drives & Control (51221)
Monday 07/12/2015	356		Microcontroller & Application (51222)
Wednesday 09/12/2015	357		Electrical Machine Design (51223)
Friday 11/12/2015	358		Power Plant Engg. (51224)
Monday 14/12/2015	359 360	<b>Elective</b> - I	4) EHVAC Transmission (51228) 5) High Voltage Engineering (51229)

Day & Date	Sr. No.		<b>B.E. Part – I (New w.e.f. June 2015)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Friday 04/12/2015	361		Electrical Drives & Control (51401/1301)
Monday 07/12/2015	362		Switchgear & Protection (51402/1302)
Wednesday 09/12/2015	363		Electrical Utilization (51403/1303)
Friday 11/12/2015	364 365 366 367	<b>Elective</b> - I	1) PLC and SCADA (51406/1306) 2) Digital Signal Processing (51407/1307) 3) Energy Audit & Management (51408/1308) 4) Extra High Voltage AC Transmission (51409/1309)

**Branch 7: Electrical Engineering – (Elec)**

<b>Day &amp; Date</b>	<b>Sr. No.</b>		<b>B.E. Part – II</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
<b>Thursday 26/11/2015</b>	368		FACTS (52221)
<b>Saturday 28/11/2015</b>	369		Switchgear Protection (52222)
<b>Monday 30/11/2015</b>	370		Digital Signal Processing (52223)
<b>Wednesday 02/12/2015</b>	371	<b>Elective - II</b>	iv) HVDC Transmission (52227)

**Branch 8: Bio-Medical Engineering – (Bio-Med)**

Day & Date	Sr. No.	<b>S.E. Part – I (New w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Wednesday 09/12/2015	372	Engineering Mathematics – III (91)/(34971)
Friday 11/12/2015	373	Human Anatomy and Physiology (92)/(34972)
Monday 14/12/2015	374	Bio- Materials (93)/(34973)
Wednesday 16/12/2015	375	Electronic Circuits Analysis and Design – I (94)/(34974)
Friday 18/12/2015	376	Linear Circuits Analysis (95)/(34975)

\* [The students of SE Part-I (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPA pattern]

Day & Date	Sr. No.	<b>S.E. Part – I (w.e.f. June 2008) (Old)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Friday 04/12/2015	377	Electrical Network Analysis & Synthesis (34975)

Day & Date	Sr. No.	<b>S.E. Part – II (w.e.f. of Nov 2013)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Thursday 26/11/2015	378	Transducers in Biomedical Instrumentation (191)/(92061)
Friday 27/11/2015	379	Bio medical Prosthetic and Orthotics (192)/(92062)
Saturday 28/11/2015	380	Electronic Instrumentations (193)/(92063)
Monday 30/11/2015	381	Digital Design (194)/(92064)
Tuesday 01/12/2015	382	Electronic Circuits Analysis and Design – II (195)/(92065)

Day & Date	Sr. No.	<b>T.E. Part – I (w.e.f. June 2014)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 03/12/2015	383	Bio Medical Instrumentation – I (1011)/(94071)
Saturday 05/12/2015	384	Biological Modeling & Simulation (1012)/(94072)
Tuesday 08/12/2015	385	Microprocessors & Microcontroller (1013)/(94073)
Thursday 10/12/2015	386	Principals of Communication (1014)/(94074)
Saturday 12/12/2015	387	Signals & System (1015)/(94075)
Thursday 17/12/2015	388	Self Learning (HSS) (307)/(93020) <b>(Time: 03:00 p.m. to 05:00 p.m.)</b>

**Branch 8: Bio-Medical Engineering – (Bio-Med)**

<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b><u>T.E. Part – II (Old up to Oct 2015)</u> Time: 03:00 p.m. to 06:00 p.m.</b>
<b>Thursday 26/11/2015</b>	389	Bio Medical Instrumentation – II (38101)
<b>Friday 27/11/2015</b>	390	Medical Imaging – I (38102)
<b>Saturday 28/11/2015</b>	391	Bio Statistics (38103)
<b>Monday 30/11/2015</b>	392	Digital Signal Processing (38104)
<b>Tuesday 01/12/2015</b>	393	Embedded Systems (38105)

<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b><u>T.E. Part – II (New w.e.f. Nov 2014)</u> Time: 03:00 p.m. to 06:00 p.m.</b>
<b>Thursday 26/11/2015</b>	394	Biomedical Instrumentation – II (1181)/(96071)
<b>Friday 27/11/2015</b>	395	Medical Imaging – I (1183)/(96073)
<b>Saturday 28/11/2015</b>	396	Control System (1184)/(96074)
<b>Monday 30/11/2015</b>	397	Digital Signal Processing (1182)/(96072)
<b>Tuesday 01/12/2015</b>	398	Embedded Systems (1185)/(96075)
<b>Wednesday 02/12/2015</b>	399	Self Learning (HSS) (1191)/(96090) (Time: 03:00 p.m. to 05:00 p.m.)

<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b><u>B.E. Part – I (Old up to Mar 2016)</u> Time: 03:00 p.m. to 06:00 p.m.</b>
<b>Friday 04/12/2015</b>	400	Nuclear Medicine (51241)
<b>Monday 07/12/2015</b>	401	Medical Informatics (51242)
<b>Wednesday 09/12/2015</b>	402	Biomedical Instrumentation – III (51243)
<b>Friday 11/12/2015</b>	403	Principles of Image Processing (51244)
<b>Monday 14/12/2015</b>	404	Hospital Management (51245)

**Branch 8: Bio-Medical Engineering – (Bio-Med)**

Day & Date	Sr. No.	<b>B.E. Part – I (New w.e.f. June 2015)</b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Friday 04/12/2015	405	Nuclear Medicine (51241/1331)
Monday 07/12/2015	406	Medical Informatics (51242/1332)
Wednesday 09/12/2015	407	Biomedical Instrumentation – III (51243/1333)
Friday 11/12/2015	408	Principles of Image Processing (51244/1334)
Monday 14/12/2015	409	Hospital Management (51245/1335)

Day & Date	Sr. No.	<b>B.E. Part – II</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Thursday 26/11/2015	410	Medical Imaging-II (52231)
Saturday 28/11/2015	411	Installation, Maintenance and servicing (52232)
Monday 30/11/2015	412	Biomedical Microsystems (52233)
Wednesday 02/12/2015	413	Tissue Engineering (52234)

**Branch 9: Electrical & Electronics Engineering – (E & E)**

Day & Date	Sr. No.	<b>S.E. Part – I (New w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Wednesday 09/12/2015	414	Engineering Mathematics- III (101)/(91412)
Friday 11/12/2015	415	D.C. Machines and Transformers (102)/(91413)
Monday 14/12/2015	416	Electrical Networks (103)/(91414)
Wednesday 16/12/2015	417	Analog Electronics (104)/(91415)
Friday 18/12/2015	418	Electrical Power Generation (105)/(91416)

\* [The students of SE Part-I (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPA pattern]

Day & Date	Sr. No.	<b>S.E. Part – I (w.e.f. June 2008) (Old)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Friday 04/12/2015	419	Data Structures (34105)

Day & Date	Sr. No.	<b>S.E. Part – II (w.e.f. of Nov 2013)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Thursday 26/11/2015	420	Linear Algebra (201)/(92051)
Friday 27/11/2015	421	A.C. Machines (202)/(92052)
Saturday 28/11/2015	422	Electrical & Electronic Measurements (203)/(92053)
Monday 30/11/2015	423	Signals & Systems (204)/(92054)
Tuesday 01/12/2015	424	Digital Techniques (205)/(92055)



**Branch 9: Electrical & Electronics Engineering – (E & E)**

Day & Date	Sr. No.	<b><u>T.E. Part – I (w.e.f. June 2014)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 03/12/2015	425	Electromagnetic Engineering (1001)/(94051)
Saturday 05/12/2015	426	Instrumentation Techniques (1002)/(94052)
Tuesday 08/12/2015	427	Micro Processor & its applications (1003)/(94053)
Thursday 10/12/2015	428	Elements of power system (1004)/(94054)
Saturday 12/12/2015	429	Control system-I (1005)/(94055)
Thursday 17/12/2015	430	Self Learning (HSS) (307)/(93020) <b>(Time: 03:00 p.m. to 05:00 p.m.)</b> a) Introduction of Sociology b) Economics c) Professional Ethics & Human Values d) Stress and Coping e) Intellectual Property Rights for Tech. Devep & Mgnt

Day & Date	Sr. No.	<b><u>T.E. Part – II (Old up to Oct 2015)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 26/11/2015	431	Power Electronics (41172)
Friday 27/11/2015	432	Electronic Communication Engg. (41174)
Saturday 28/11/2015	433	Power System I (41173)
Monday 30/11/2015	434	Non Linear & Digital Control System (41171)
Tuesday 01/12/2015	435	Microcontroller & Its Applications (41175)

Day & Date	Sr. No.	<b><u>T.E. Part – II (New w.e.f. Nov 2014)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Thursday 26/11/2015	436	Power Electronics (1171)/(96081)
Friday 27/11/2015	437	Electronic Communication Engg. (1172)/(96082)
Saturday 28/11/2015	438	Power System analysis (1173)/(96083)
Monday 30/11/2015	439	Control System II (1174)/(96084)
Tuesday 01/12/2015	440	Microcontroller & Its Applications (1175)/(96085)
Wednesday 02/12/2015	441	Self Learning (Technical) (1191)/(96090) <b>(Time: 03:00 p.m. to 05:00 p.m.)</b> a) Industrial Management

**Branch 9: Electrical & Electronics Engineering – (E & E)**

Day & Date	Sr. No.		<b><u>B.E. Part – I (Old up to Mar 2016)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Friday 04/12/2015	442		Industrial Drives and Control (51251)
Monday 07/12/2015	443		Engineering Economics & Industrial Management (51252)
Wednesday 09/12/2015	444		Instrumentation Techniques (51253)
Friday 11/12/2015	445		Power System II (51254)
Monday 14/12/2015	446	Elective-I	3. Renewable Energy Sources (51255)

Day & Date	Sr. No.		<b><u>B.E. Part – I (New w.e.f. June 2015)</u></b> <b>Time: 03:00 p.m. to 06:00 p.m.</b>
Friday 04/12/2015	447		Industrial Drives and Control (51411/1311)
Monday 07/12/2015	448		Electrical energy Utilization and Traction (51412/1312)
Wednesday 09/12/2015	449		Electrical Installation, testing & maintenance (51413/1313)
Friday 11/12/2015	450		Switchgear & Protection (51414/1314)
Monday 14/12/2015	451 452 453 454 455 456	Elective-I	1) High Voltage Engineering (51418/1317) 2) Renewable Energy Sources (51419/1319) 3) Digital Signal Processing (51420/1319) 4) PLC & Applications (51421/1320) 5) VLSI Design (51417/1321) 6) Power System Dynamics & Stability (51422/1322)

Day & Date	Sr. No.		<b><u>B.E. Part – II</u></b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
Thursday 26/11/2015	457		Switchgear & Protection (52241)
Saturday 28/11/2015	458		Electrical Machine Design (52242)
Monday 30/11/2015	459		FACTS (52243)
Wednesday 02/12/2015	460	Elective-II	i) HVDC (52244)

**Branch 10: Chemical Engineering**

Day & Date	Sr. No.	<b>S.E. Part – I (New w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
<b>Friday</b> <b>11/12/2015</b>	461	Applied Mathematics - III
<b>Saturday</b> <b>12/12/2015</b>	462	Physical & Inorganic Chemistry
<b>Monday</b> <b>14/12/2015</b>	463	Chemical Process Calculations
<b>Tuesday</b> <b>15/12/2015</b>	464	Fluid Flow Operations
<b>Wednesday</b> <b>16/12/2015</b>	465	Strength of Material

\* [The students of SE Part-I (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPA pattern]

Day & Date	Sr. No.	<b>S.E. Part – II (w.e.f. of Nov 2014)</b> <b>Time: 10:00 a.m. to 01:00 p.m.</b>
<b>Thursday</b> <b>17/12/2015</b>	466	Heat Transfer - I
<b>Friday</b> <b>18/12/2015</b>	467	Chemical Engineering Thermodynamics
<b>Saturday</b> <b>19/12/2015</b>	468	Organic Chemistry
<b>Monday</b> <b>21/12/2015</b>	469	Mechanical Operations
<b>Tuesday</b> <b>22/12/2015</b>	470	Material Technology

**NOTE:**

- Candidates are permitted to use stencils at the Examination.
- Candidates for Examination are expected to provide themselves with slide rules.
- 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.
- Candidates are allowed to use the electronic calculators for numerical calculations at their own cost. University will not supply such calculators.
- 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.
- 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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Ref No.: SUS/EXAM/TIME-TABLE/NOV-DEC-2015/1426

Date : 24/11/2015

Sd/-  
**(B P PATIL)**  
**CONTROLLER OF EXAMINATIONS**