



# PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

## EXAM OF 2020 SEMESTER PATTERN EXAMINATION

### 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 |

### EXAMINATION TO BE HELD IN MAY 2020

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. **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 Number on JSR (Junior Supervisor Report) and related documents.
3. We will conduct the TE-I & II and BE-I Exam of the repeaters student only. The final BE-II Exam will be conducted for the fresh students
4. The time for the exam is one and half hours (1 ½)
5. The written examination will be conducted online/offline mode which will be held at home/desegated places.
6. All the student are here by informed that the time slot given in the time table shows 5 hrs for each day. But you will get 1 ½ hrs to solve the paper. If any student has two paper in one day that time he will be solving two papers within 5 hours

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

Day & Date	Sr. No.	<u>T.E. Part – I (w.e.f. June 2018)</u> <u>(CBCS PATTERN JUNE-2016)</u>
		<b>Time: 11:30 a.m. to 04:30 p.m.</b> (only 1 ½ hours out of this slot)
<b>Monday</b> 05/10/2020	23	Design of Steel Structures (7043311)
<b>Tuesday</b> 06/10/2020	24	Geotechnical Engg.- I (7043312)
<b>Wednesday</b> 07/10/2020	25	Environmental Engg.- I (7043313)
<b>Thursday</b> 08/10/2020	26	Water Resources Engg. – II (7043314)
<b>Friday</b> 09/10/2020	27	Transportation Engg.-I (7043315)
<b>Saturday</b> 10/10/2020	28 29 30 31 32	<b>Self Learning (HSS)</b> a) Introduction of Sociology(7043104) b) Professional Ethics & Human Values(7043105) c) Economics(7043101) d) Stress & Coping(7043103) e) Intellectual Property Rights for Tech. Devt and Mgnt(7043102)

Day & Date	Sr. No.	T.E. Part – II (Neww.e.f. Nov. 2018) (CBCS PATTERN JUNE-2016)
		<b>Time: 11:30 a.m. to 04:30 p.m.</b> (only 1 ½ hours out of this slot)
<b>Monday 05/10/2020</b>	33	Structural Mechanics – III (7043321)
<b>Tuesday 06/10/2020</b>	34	Geotechnical Engg. – II (7043322)
<b>Wednesday 07/10/2020</b>	35	Environmental Engg. – II (7043323)
<b>Thursday 08/10/2020</b>	36	Engineering Management – I (7043324)
<b>Friday 09/10/2020</b>	37 38 39 40 41 42 43 44 45	<b>Elective-I</b> 1. Advanced Design of Steel Structures (7043328) 2. Industrial Waste Treatment (7043329) 3. Water Power Engineering (7043330) 4. Advanced Concrete Technology (7043331) 5. Reliability Engineering (7043332) 6. Finite Element Method (7043333) 7. Experimental Stress Analysis (7043334) 8. Optimization Techniques (7043335) 9. Disaster Management (7043336)
<b>Saturday 10/10/2020</b>	46 47 48 49 50	<b>Self Learning (Technical)</b> a) Geosynthetics & reinforced soil structures (7043337) b) Pavement Analysis and Design (7043338) c) Planning for Sustainable Development (7073339) d) TQM and MIS in Civil Engineering (7073340) e) Earthquake Resistant non Engineered Construction (7073341)

Day & Date	Sr. No.	<b>B.E. Part – I (Neww.e.f. June 2019)</b> <b>(CBCS PATTERN JUNE-2016)</b>
		<b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
<b>Monday</b> <b>05/10/2020</b>	51	Design of Concrete Structures – I (7043411)
<b>Tuesday</b> <b>06/10/</b> <b>2020</b>	52	Quantity Surveying and Valuation (7043412)
<b>Wednesday</b> <b>07/10/2020</b>	53	Earthquake Engg. (7043413)
<b>Thursday</b> <b>08/10/2020</b>	54	Engineering Management- II (7043414)
<b>Friday</b> <b>09/10/2020</b>	55 56 57 58 59	<b>Elective-I</b> Open Channel & River Hydraulics (7043415) Air Pollution & Control (7043416) Design of Foundations (7043417) Advanced Design of Concrete Structures (7043418) Managerial Techniques (7043419) Computer Applications in Civil Engg (704341-1) Advanced structures (704341-2) Entrepreneurship (704341-3) Remote Sensing and GIS Applications (704341-4)

Day & Date	Sr. No.	<b>B.E. Part – I (w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014) (Old Up to March 2020)</b>
		<b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
<b>Monday</b> <b>05/10/2020</b>	60	Design of Concrete Structures – I (70434101)
<b>Tuesday</b> <b>06/1</b> <b>0/2020</b>	61	Quantity Surveying and Valuation (70434102)
<b>Wednesday</b> <b>07/10/2020</b>	62	Earthquake Engg. (70434103)
<b>Thursday</b> <b>08/10/2020</b>	63	Water Resources Engg. – II (70434104)
<b>Friday</b> <b>09/10/2020</b>	64 65 66 67 68 69 70 71 72	<b>Elective-I</b> Open Channel & River Hydraulics (70434108) Air Pollution & Control (70434109) Design of Foundations (70434110) Advanced Design of Concrete Structures (70434111) Managerial Techniques(70434112) Computer Applications in Civil Engg (70434113) Advanced structures (70434114) Entrepreneurship(70434115) Remote Sensing and GIS Applications (70434116)

Day & Date	Sr. No.	<b>B.E. Part – II (Neww.e.f. Nov. 2019)</b> <b>(CBCS PATTERN JUNE-2016)</b>
		<b>Time: 11:30 a.m. to 04:30 p.m.</b> (only 1 ½ hours out of this slot)
<b>Monday</b> <b>12/10/2020</b>	73	Design of Concrete Structures – II (7043421)
<b>Tuesday</b> <b>13/10/</b> <b>2020</b>	74	Construction Practices and Town Planning (7043422)
<b>Wednesday</b> <b>14/10/2020</b>	75	Transportation Engineering-II (7043423)
<b>Thursday</b> <b>15/10/2020</b>	76 77 78 79 80 81 82 83 84	<b>Elective-II</b> Advanced Engg. Geology (7043424) Ground improvement Techniques (7043425) Traffic Engg. & Control (7043426) Infrastructural Engineering (70434208) Project Appraisal(7043428) Solid and Hazardous & Waste Management (7043429) Dynamics of Structures (704342-1) Environmental Management (704342-2) Design of Bridges (704342-3)

Day & Date	Sr. No.	<b>B.E. Part – II (w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014) (Old Up to Oct 2020)</b>
		<b>Time: 11:30 a.m. to 04:30 p.m.</b> (only 1 ½ hours out of this slot)
<b>Monday</b> <b>12/10/2020</b>	85	Design of Concrete Structures – II (70434201)
<b>Tuesday</b> <b>13/10/</b> <b>2020</b>	86	Construction Practices and Town Planning(70434202)
<b>Wednesday</b> <b>14/10/2020</b>	87 88 89 90 91 92 93 94 95	<b>Elective-II</b> Advanced Engg. Geology(70434205) Ground improvement Techniques(70434206) Traffic Engg. & Control(70434207) Infrastructural Engineering(70434208) Project Appraisal(70434209) Solid and Hazardous & Waste Management(70434210) Dynamics of Structures(70434211) Environmental Management(70434212) Design of Bridges(70434213)
<b>Thursday</b> <b>15/10/2020</b>	96 97 98 99 100 101 102 103 104	<b>Elective - III</b> Advanced Design of Steel Structures(70434214) Industrial Waste Treatment(70434215) Water Power Engg.(70434216) Advanced Concrete Technology(70434217) Reliability Engg(70434218) Finite Element Method(70434219) Experimental Stress Analysis(70434220) Optimization Techniques(70434221) Disaster Management(70434222)

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

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

Day & Date	Sr. No.	<b>T.E. Part – I (Neww.e.f June 2018)</b> <b>(CBCS PATTERN JUNE-2016)</b>
		<b>Time: 11:30 a.m. to 04:30 p.m.</b> (only 1 ½ hours out of this slot)
<b>Monday 05/10/2020</b>	116	Theory of Machine – II (70410311)
<b>Tuesday 06/10/2020</b>	117	Metrology and Mechanical Measurement (70410312)
<b>Wednesday 07/10/2020</b>	118	Metallurgy (70410313)
<b>Thursday 08/10/2020</b>	119	Machine Design - I (70410314)
<b>Friday 09/10/2020</b>	120 121 122	<b>Professional Elective - III</b> <b>1]</b> Machine Tool Design (70410317) <b>2]</b> Material Handling Systems (70410318) <b>3]</b> Fluid Machinery and Fluid Power (70410319)
<b>Saturday 10/10/2020</b>	123 124 125 126 127	<b>Self Learning (HSS)</b> a) Introduction of Sociology(7043104) b) Professional Ethics & Human Values(7043105) c) Economics(7043101) d) Stress & Coping(7043103) e) Intellectual Property Rights for Tech. Devept and Mgnt(7043102)

Day & Date	Sr. No.	<b>T.E. Part – II (w.e.f Nov 2018)</b> <b>(CBCS PATTERN JUNE-2016)</b>
		<b>Time: 11:30 a.m. to 04:30 p.m.</b> (only 1 ½ hours out of this slot)
<b>Monday 05/10/2020</b>	128	Heat and Mass Transfer (70410321)
<b>Tuesday 06/10/2020</b>	129	Internal Combustion Engine (70410322)
<b>Wednesday 07/10/2020</b>	130	CAD-CAM & CAE (70410323)
<b>Thursday 08/10/2020</b>	131	Machine Design –II (70410324)
<b>Friday 09/10/2020</b>	132 133 134	<b>Professional Elective – II</b> <b>1]</b> Experimental Stress Analysis (70410327) <b>2]</b> Mechanical Vibration(70410328) <b>3]</b> Tool Engineering (20410329)
<b>Saturday 10/10/2020</b>	135 136 137 138	<b>Self Learning (Technical)</b> a) Renewable Energy Sources (70410330) b) Industrial Product Design (70410331) c) Composite Materials (70410332) d) Non-Conventional Machining Processes (70410333)

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[The students of TE Part-II (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPA pattern]

Day & Date	Sr. No.	<b>B.E. Part – I (Neww.e.f. June 2019)</b> <b>(CBCS PATTERN JUNE-2016)</b>
		<b>Time: 11:30 a.m. to 04:30 p.m.</b> (only 1 ½ hours out of this slot)
<b>Monday</b> <b>05/10/2020</b>	139	Automatic Control Engineering (70410411)
<b>Tuesday</b> <b>06/10/2020</b>	140	Refrigeration and Air Conditioning (70410412)
<b>Wednesday</b> <b>07/10/2020</b>	141	OPERATIONS RESEARCH (70410413)
<b>Thursday</b> <b>08/10/2020</b>	142 143 144 145	<b>Professional Elective-V</b> 1) Finite Element Method (FEM) (70410416) 2) Production and Operational Management (70410417) 3) Automobile Engineering (70410418) 4) COSTING & COST CONTROL (70410419)
<b>Friday</b> <b>09/10/2020</b>	146 147 148 149 150	<b>Free Elective -I</b> 1) Industrial Robotics (IR) (7041041-1) 2) Sugar Technology (7041041-2) 3) Entrepreneurship Development (7041041-3) 4) Process Equipments Design (7041041-4) 5) Railway Transportation Systems (7041041-5)

Day & Date	Sr. No.	<b>B.E. Part – I (w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014)</b>
		<b>Time: 11:30 a.m. to 04:30 p.m.</b> (only 1 ½ hours out of this slot)
<b>Monday</b> <b>05/10/2020</b>	151	Operations Research (704104102)
<b>Tuesday</b> <b>06/10/2020</b>	152	Automatic Control Engineering (704104101)
<b>Wednesday</b> <b>07/10/2020</b>	153	Refrigeration and Air Conditioning (704104103)
<b>Thursday</b> <b>08/10/2020</b>	154 155 156	<b>Professional Elective – 3</b> 1) FiniteElementMethods(704104106) 2) Automobile Engineering(704104107) 3) Process Engineering(704104108)
<b>Friday</b> <b>09/10/2020</b>	157 158 159 160	<b>Elective-I</b> 1) Industrial Robotics(704104109) 2) Sugar Engineering(704104110) 3) Textile Engineering(704104111) 4) Entrepreneurship Development(704104112)

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

Day & Date	Sr. No.	<b>B.E. Part – II (Neww.e.f. Nov. 2019)</b> <b>(CBCS PATTERN JUNE-2016)</b>
		<b>Time: 11:30 a.m. to 04:30 p.m.</b> (only 1 ½ hours out of this slot)
<b>Monday</b> <b>12/10/2020</b>	161	Industrial and Quality Management (70410422)
<b>Tuesday</b> <b>13/10/2020</b>	162	Industrial Engg. (70410421)
<b>Wednesday</b> <b>14/10/2020</b>	163 164 165 166 167	<b>Professional Elective – VI</b> <b>a)</b> Non -conventional Machining (70410424) <b>b)</b> Mechatronics (70410425) <b>c)</b> Computational FluidDynamics (70410426) <b>d)</b> Process Engineering (70410428) <b>e)</b> Power Plant and Energy Engineering (70410429)
<b>Thursday</b> <b>15/10/2020</b>	168 169 170 171 172 173 174	<b>Free Elective-II</b> <b>1)</b> Software Engineering &Cyber Security (7041042-1) <b>2)</b> Agro MachineEngineering (7041042-2) <b>3)</b> PlasticEngineering (7041042-3) <b>4)</b> Economics forEngineers (7041042-4) <b>5)</b> Project Management (7041042-5) <b>6)</b> Marketing Management (7041042-6) <b>7)</b> Railway Transportation Management (7041042-7)

[The students of BE Part-II (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPAnattern]

Day & Date	Sr. No.	<b>B.E. Part – II (w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014) (Old Up to March 2020)</b>
		<b>Time: 11:30 a.m. to 04:30 p.m.</b> (only 1 ½ hours out of this slot)
<b>Monday</b> <b>12/10/2020</b>	176	Industrial and Quality Management(704104201)
<b>Tuesday</b> <b>13/10/2020</b>	177	Industrial Engg. (704104202)
<b>Wednesday</b> <b>14/10/2020</b>	178 179 180	<b>Professional Elective – 4</b> <b>a)</b> Mechatronics(704104205) <b>b)</b> Computational FluidDynamics(704104206) <b>c)</b> Production and OperationManagement(704104207)
<b>Thursday</b> <b>15/10/2020</b>	181 182 183 184	<b>Elective-II</b> <b>1)</b> Software Engineering &Cyber Security(704104208) <b>2)</b> Agro MachineEngineering(704104209) <b>3)</b> PlasticEngineering(704104210) <b>4)</b> Economics forEngineers(704104211)

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

Day & Date	Sr. No.	<b>T.E. Part – I (w.e.f June 2018)</b> <b>(CBCS PATTERN JUNE-2016)</b>
		<b>Time: 11:30 a.m. to 04:30 p.m.</b> (only 1 ½ hours out of this slot)
<b>Monday</b> <b>05/10/2020</b>	196	Control Systems (7048311)
<b>Tuesday</b> 06/10/2020	197	Digital Signal Processing (7048312)
<b>Wednesday</b> <b>07/10/2020</b>	198	Microcontrollers (7048313)
<b>Thursday</b> <b>08/10/2020</b>	199	Electromagnetic Engineering (7048315)
<b>Friday</b> <b>09/10/2020</b>	200	Information Technology & Management (7048316)
<b>Saturday</b> <b>10/10/2020</b>	201 202 203 204 205	<b>Self Learning (HSS)</b> a) Introduction of Sociology (7043104) b) Professional Ethics & Human Values(7043105) c) Economics (7043101) d) Stress & Coping (7043103) e) Intellectual Property Rights for Tech. Devept and Mgnt(7043102)

Day & Date	Sr. No.	<b>T.E. Part – II(w.e.f Nov 2018)</b> <b>(CBCS PATTERN JUNE-2016)</b>
		<b>Time: 11:30 a.m. to 04:30 p.m.</b> (only 1 ½ hours out of this slot)
<b>Monday</b> <b>05/10/2020</b>	206	Operating Systems (7048321)
<b>Tuesday</b> 06/10/2020	207	Digital Communication (7048322)
<b>Wednesday</b> <b>07/10/2020</b>	208	Embedded Systems (7048323)
<b>Thursday</b> <b>08/10/2020</b>	209	Industrial Electronics (7048324)
<b>Friday</b> <b>09/10/2020</b>	210	VLSI Design (7048325)
<b>Saturday</b> <b>10/10/2020</b>	211 212 213 214	<b>Self Learning</b> a) AutomotiveElectronics (7048329) b) Robotics (7048327) c) Electronics Instrumentation (7048330) d) Programming in VB Net (7048328)

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Day & Date	Sr. No.	<b>B.E. Part – I (New w.e.f. June 2019)</b> <b>(CBCS PATTERN JUNE-2016)</b>
		<b>Time: 11:30 a.m. to 04:30 p.m.</b> (only 1 ½ hours out of this slot)
Monday 05/10/2020	215	Power Electronics (7048411)
Tuesday 06/10/2020	216	Computer Networks (7048412)
Wednesday 07/10/2020	217	Mobile Technology (7048413)
Thursday 08/10/2020	218	Internet of Things (7048414)
Friday 09/10/2020	219 220 221 222	<b>Elective-I</b> 1) Biomedical Instrumentation (7048417) 2) Mechatronics (7048418) 3) Image Processing (7048419) 4) Database Management Systems (704841)

Day & Date	Sr. No.	<b>B.E. Part – I (w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014) (Old up to March 2020)</b>
		<b>Time: 11:30 a.m. to 04:30 p.m.</b> (only 1 ½ hours out of this slot)
Monday 05/10/2020	223	Power Electronics (70484101)
Tuesday 06/10/2020	224	Computer Networks (70484102)
Wednesday 07/10/2020	225	Mobile Technology (70484104)
Thursday 08/10/2020	226	Electronic System Design (70484103)
Friday 09/10/2020	227 228 229	<b>Elective-I</b> 1) Biomedical Instrumentation (70484107) 2) Mechatronics (70484108) 3) Image Processing (70484109)

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

Day & Date	Sr. No.	<b>B.E. Part – II (New w.e.f. Nov. 2019)</b> <b>(CBCS PATTERN JUNE-2016)</b>
		<b>Time: 11:30 a.m. to 04:30 p.m.</b> (only 1 ½ hours out of this slot)
Monday 12/10/2020	230	Advanced Communication Engineering (7048421)
Tuesday 13/10/2020	231	Audio Video System (7048422)
Wednesday 14/10/2020	232	Electronics System Design (7048423)
Thursday 15/10/2020	233 234 235 236	<b>Elective-II</b> 1) Broadband Communication (7048425) 2) Speech Processing (7048427) 3) PLC and Industrial Controllers (7048426) 4) Data Analytic (7048428)

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

Day & Date	Sr. No.	<b>B.E. Part – II (w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014) (Old Up to Oct. 2020)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
<b>Monday 12/10/2020</b>	237	Advanced Communication Engineering (70484201)
<b>Tuesday13/10 /2020</b>	238	Audio Video System (70484202)
<b>Wednesday 14/10/2020</b>	239	Embedded Systems (70484203)
<b>Thursday 15/10/2020</b>	240 241 242 243	<b>Elective-II</b> <b>1) Broadband Communication (70484205)</b> <b>2) Speech Processing (70484206)</b> <b>3) PLC and Industrial Controllers (70484207)</b> <b>4) Internet of Things (70484208)</b>

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

Day & Date	Sr. No.	<b>T.E. Part – I (w.e.f. June 2018)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
<b>Monday</b> <b>05/10/2020</b>	254	Electro Magnetic Engg. & Radiating System (7047311)
<b>Tuesday</b> <b>06/10/2020</b>	255	Principles of Digital Communication (7047312)
<b>Wednesday</b> <b>07/10/2020</b>	256	Software Engineering & Project Management System (7047315)
<b>Thursday</b> <b>08/10/2020</b>	257	Digital Signal Processing (7047313)
<b>Friday</b> <b>09/10/2020</b>	258	Microcontroller – I (7047314)
<b>Saturday</b> <b>10/10/2020</b>		<b>Self Learning (HSS)</b>
	259	a) Introduction of Sociology (7043104)
	260	b) Professional Ethics & Human Values(7043105)
	261	c) Economics (7043101)
	262	d) Stress & Coping (7043103)
	263	e) Intellectual Property Rights for Tech. Devept and Mgnt(7043102)

Day & Date	Sr. No.	<b>T.E. Part – II(w.e.f. Nov. 2018)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
<b>Monday</b> <b>05/10/2020</b>	264	Radar & Microwave Engineering (7047321)
<b>Tuesday</b> <b>06/10/2020</b>	265	Microcontroller-II (PIC) (7047322)
<b>Wednesday</b> <b>07/10/2020</b>	266	Electronics Applications & System Design (7047323)
<b>Thursday</b> <b>08/10/2020</b>	267	Optical Communication (7047324)
<b>Friday</b> <b>09/10/2020</b>	268	Mobile Communication (7047325)
<b>Saturday</b> <b>10/10/2020</b>		<b>Self Learning</b>
	269	a) Computer Organization (7047329)
	270	b) Operating System (7047328)
	271	c) Robotics (7047327)

\* [The students of TE Part-II (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPA patter

Day & Date	Sr. No.	<b>B.E. Part – I (New w.e.f. June 2019)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 1/2 hours out of this slot)</b>
<b>Monday</b> <b>05/10/2020</b>	<b>272</b>	Computer Communication Network (7047411)
<b>Tuesday</b> 06/10/2020	<b>273</b>	Embedded System Design (7047412)
<b>Wednesday</b> <b>07/10/2020</b>	<b>274</b>	Satellite Communication (7047413)
<b>Thursday</b> <b>08/10/2020</b>	<b>275</b>	Database Management System (DBMS) (7047414)
<b>Friday</b> <b>09/10/2020</b>	276 277 278 279	<b>Elective-I</b> 1) Image & Video Processing (7047417) 2) Optimization Techniques (7047418) 3) Electronic Product Design (7047419) 4) Advance DSP (704741-1)

Day & Date	Sr. No.	<b>B.E. Part – I (w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014)(Old up to March 2020)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 1/2 hours out of this slot)</b>
<b>Monday</b> <b>05/10/2020</b>	280	Computer Communication Network (70474101)
<b>Tuesday</b> 06/10/2020	281	VLSI Design (70474102)
<b>Wednesday</b> <b>07/10/2020</b>	282	Satellite Communication (70474103)
<b>Thursday</b> <b>08/10/2020</b>	283	Coding Theory (70474104)
<b>Friday</b> <b>09/10/2020</b>	284 285 286	<b>Elective-I</b> <b>1) Advanced Telecommunication Network(70474107)</b> <b>2) Image Processing (70474108)</b> <b>3) Advance DSP (70474109)</b>

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

Day & Date	Sr. No.	<b>B.E. Part – II (New w.e.f. Nov. 2019)</b> <del>(CBCS PATTERN JUNE-2016)</del> <b>Time: 11:30 a.m. to 04:30 p.m.</b> (only 1 ½ hours out of this slot)
<b>Monday</b> <b>12/10/2020</b>	287	Internet of Things (IoT) (7047421)
<b>Tuesday</b> 13/10/2020	288	Multimedia Communication Techniques (7047422)
<b>Wednesday</b> <b>14/10/2020</b>	289	VLSI Design (7047423)
<b>Thursday</b> <b>15/10/2020</b>	290 291 292 293	<b>Elective-II</b> 1) Network Security (7047425) 2) Soft Computing (7047426) 3) DSP Processors & Application (7047427) 4) Data Analytics (7047428)

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

Day & Date	Sr. No.	<b>B.E. Part – II (w.e.f. June 2015)</b> <b>(CGPA Pattern 2014) (Old Up to Oct 2020)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> (only 1 ½ hours out of this slot)
<b>Monday</b> <b>12/10/2020</b>	294	Broad Band Communication (70474201)
<b>Tuesday</b> 13/10/2020	295	Multimedia Communication Techniques (70474202)
<b>Wednesday</b> <b>14/10/2020</b>	296	Embedded Systems (70474203)
<b>Thursday</b> <b>15/10/2020</b>	297 298 299 300	<b>Elective-II</b> 1) Wireless Sensor Network (70474205) 2) Pattern Recognition (70474206) 3) DSP Processors & Application (70474207) 4) Internet of Things (70474208)

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

Day & Date	Sr. No.	<b>T.E. Part – I (w.e.f. June 2018)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
Monday 05/10/2020	311	Operating System Concepts (7044311)
Tuesday 06/10/2020	312	System Programming (7044312)
Wednesday 07/10/2020	313	Database Engineering (7044313)
Thursday 08/10/2020	314	Design & Analysis of Algorithm (7044316)
Friday 09/10/2020	315	Computer Organization (7044315)
Saturday 10/10/2020		<b>Self Learning (HSS)</b>
	316	a) Introduction of Sociology (7043104)
	317	b) Professional Ethics & Human Values(7043105)
	318	c) Economics (7043101)
	319	d) Stress & Coping (7043103)
	320	e) Intellectual Property Rights for Tech. Devept and Mgmt(7043102)

Day & Date	Sr. No.	<b>T.E. Part – II (w.e.f. June 2018)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
Monday 05/10/2020	321	Compiler Construction (7044321)
Tuesday 06/10/2020	322	Unix Operating System (7044322)
Wednesday 07/10/2020	323	Mobile Computing (7044325)
Thursday 08/10/2020	324	Software Engineering (7044326)
Friday 09/10/2020	325	Mobile Application Development (7044323)
Saturday 10/10/2020		<b>Self Learning (HSS/Technical)</b>
	326	a) Computer Modeling and Simulation (7043201)
	327	b) Software licenses and practices)(7043202)
	328	c) Network set up & management tools (7043203)
	329	d) Ethical Hacking (7043204)
	330	e) Data Science (7043205)
	331	f) UI Technologies (7043206)

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

Day & Date	Sr. No.	<b>B.E. Part – I (New w.e.f. June 2019)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
Monday 05/10/2020	332	Advanced Computer Architecture (7044411)
Tuesday 06/10/2020	333	Distributed Systems (7044412)
Wednesday 07/10/2020	334	Modern Database Systems (7044413)
Thursday 08/10/2020	335 336 337	<b>Elective-I</b> 1) Internet of Things (7044417) 2) Wireless Adhoc Networks (7044418) 3) Artificial Intelligence (7044419)
Friday 09/10/2020	338 339 340	<b>Elective-II</b> 1) Business Intelligence (704441-1) 2) Data Mining (704441-2) 3) Object Oriented Modeling and Design (704441-3)

Day & Date	Sr. No.	<b>B.E. Part – I (w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014) (Old up to March 2020)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
Monday 05/10/2020	341	Advanced Computer Architecture (70444101)
Tuesday 06/10/2020	342	Distributed Systems (70444102)
Wednesday 07/10/2020	343	Modern Database Systems (70444103)
Thursday 08/10/2020	344 345 346 347	<b>Elective - I</b> 1) Human Computer Interaction (70444107) 2) Digital Signal Processing (70444108) 3) Software Testing & Quality Assurance (70444109) 4) Business Intelligence (70444110)
Friday 09/10/2020	348 349 350 351	<b>Elective - II</b> 1) Object Oriented Modeling & Design (70444111) 2) Wireless Ad hoc Networks (70444112) 3) Intelligent Systems (70444113) 4) Mobile Application Development (70444114)

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

Day & Date	Sr. No.	<b>B.E. Part – II (New w.e.f. Nov. 2019)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <i>(only 1 ½ hours out of this slot)</i>
<b>Monday</b> <b>12/10/2020</b>	352	Management Information System (7044421)
<b>Tuesday</b> 13/10/2020	353	Information & Cyber Security (7044422)
<b>Wednesday</b> <b>14/10/2020</b>		<b>Elective-III</b>
	354	<b>1) Big data Analytics (7044425)</b>
	355	<b>2) Human Computer Interaction (7044426)</b>
	356	<b>3) Artificial Neural Network (7044427)</b>
<b>Thursday</b> <b>15/10/2020</b>		<b>Elective-IV</b>
	357	<b>1) Software Testing and Quality Assurance (7044428)</b>
	358	<b>2) Cloud Computing (7044429)</b>
	359	<b>3) Machine Learning (704442-1)</b>

Day & Date	Sr. No.	<b>B.E. Part – II (w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014) (Old Up to Oct 2020)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <i>(only 1 ½ hours out of this slot)</i>
<b>Monday</b> <b>12/10/2020</b>	360	Management Information System (70444201)
<b>Tuesday</b> 13/10/2020	361	Information & Cyber Security (70444202)
<b>Wednesday</b> <b>14/10/2020</b>		<b>Elective-III</b>
	362	<b>1) Data Warehousing &amp; Mining (70444206)</b>
	363	<b>2) Image Processing (70444207)</b>
	364	<b>3) Information Retrieval (70444208)</b>
	365	<b>4) Cloud Computing (70444209)</b>
<b>Thursday</b> <b>15/10/2020</b>		<b>Elective-IV</b>
	366	<b>1) Storage Area Network (70444210)</b>
	367	<b>2) Web 2.0 &amp; Rich Internet Application (70444211)</b>
	368	<b>3) Artificial Neural Network (70444212)</b>
	369	<b>4) Big Data Analytics (70444213)</b>

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



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

Day & Date	Sr. No.	<b>T.E. Part – I (w.e.f. June 2018)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
Monday 05/10/2020	380	Principles of Operating Systems (7049311)
Tuesday 06/10/2020	381	System Software (7049312)
Wednesday 07/10/2020	382	Design & Analysis of Algorithms (7049315)
Thursday 08/10/2020	383	Database Engineering (7049313)
Friday 09/10/2020	384	Computer Organization & Architecture (7049316)
Saturday 10/10/2020	385 386 387 388 389	<b>Self Learning (HSS)</b> a) Introduction of Sociology(7043104) b) Professional Ethics & Human Values(7043105) c) Economics (7043101) d) Stress & Coping(7043103) e) Intellectual Property Rights for Tech. Dev. and Mgmt (7043102)

Day & Date	Sr. No.	<b>T.E. Part – II (w.e.f. Nov 2018)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
Monday 05/10/2020	390	Unix Operating System (7049321)
Tuesday 06/10/2020	391	Software Engineering (7049325)
Wednesday 07/10/2020	392	Object Oriented Modeling and Design (7049326)
Thursday 08/10/2020	393	Artificial Intelligence (7049322)
Friday 09/10/2020	394	Mobile Application Development (7049323)
Saturday 10/10/2020	395 396 397 398 399 400	<b>Self Learning (HSS/Technical)</b> a) Network Setup and Management (7049328) b) Tools for computer Architecture(7049329) c) Compiler Development Tools (7049330) d) Data Science (7049331) e) User Interface Technologies (7049332) f) AGILE PROJECT MANAGEMENT (7049333)

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

Day & Date	Sr. No.	<b>B.E. Part – I (Neww.e.f. June 2019)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
Monday 05/10/2020	401	Management Information System (7049411)
Tuesday 06/10/2020	402	Advanced Database System (7049412)
Wednesday 07/10/2020	403	Software Testing and Quality Assurance (7049413)
Thursday 08/10/2020	404	Mobile Computing (7049414)
Friday 09/10/2020	405 406 407 408	<b>Elective-I</b> 1) Data Mining (7049418) 2) Distributed Computing (704941-1) 3) Image Processing (7049419) 4) Microcontroller & Embedded Systems (704941-2)

Day & Date	Sr. No.	<b>B.E. Part – I (w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014) (Old up to March 2020)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
Monday 05/10/2020	409	Human Computer Interaction (70494101)
Tuesday 06/10/2020	410	Management Information System (70494102)
Wednesday 07/10/2020	411	Advanced Data Base System (70494103)
Thursday 08/10/2020	412	Software Testing and Quality Assurance (70494104)
Friday 09/10/2020	413 414 415 416	<b>Elective - I</b> 1) Fuzzy & Neural Networks(70494108) 2) Distributed Computing(70494109) 3) Image Processing(70494110) 4) Microcontroller & Embedded Systems(70494111)

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

Day & Date	Sr. No.	<b>B.E. Part – II (Neww.e.f. Nov. 2019)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
Monday 12/10/2020	417	Information Retrieval (7049421)
Tuesday 13/10/2020	418	Machine Learning (7049422)
Wednesday 14/10/2020	419	Information Assurance and Security (7049423)
Thursday 15/10/2020	420 421 422 423	<b>Elective - II</b> 1) Internet of Things (7049429) 2) Pattern Recognition (7049427) 3) Business Intelligence (7049426) 4) Cloud Computing (7049428)

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[The students of BE Part-II (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPA pattern]

Day & Date	Sr. No.	<b>B.E. Part – II (w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014) (Old Up to Oct 2020)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <i>(only 1 1/2 hours out of this slot)</i>
<b>Monday 12/10/2020</b>	424	Information Retrieval (70494201)
<b>Tuesday 13/10/2020</b>	425	Mobile Computing & Application(70494202)
<b>Wednesday 14/10/2020</b>	426	Information Assurance & Security(70494203)
<b>Thursday 15/10/2020</b>	427 428 429 430	<b>Elective - II</b> <b>1) Data Mining &amp; Warehousing(70494207)</b> <b>2) Pattern Recognition (70494208)</b> <b>3) Business Intelligence (70494209)</b> <b>4) Cloud Computing (70494210)</b>

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

Day & Date	Sr. No.	<b>T.E. Part – I (w.e.f. June 2018)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
Monday 05/10/2020	441	Power System Analysis (7046311)
Tuesday 06/10/2020	442	Control Systems – I (7046312)
Wednesday 07/10/2020	443	Microprocessor and Microcontroller (7046313)
Thursday 08/10/2020	444	Engineering Economics and Management (7046314)
Friday 09/10/2020	445	Electromagnetic Engineering (7046315)
Saturday 10/10/2020	446 447 448 449 450	<b>Self Learning (HSS)</b> a) Introduction of Sociology(7043104) b) Professional Ethics & Human Values(7043105) c) Economics(7043101) d) Stress & Coping(7043103) e) Intellectual Property Rights for Tech. Devpt and Mgmt(7043102)

Day & Date	Sr. No.	<b>T.E. Part – II (w.e.f. Nov 2018)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
Monday 05/10/2020	451	Electrical Utilization (7046324)
Tuesday 06/10/2020	452	Power Electronics (7046321)
Wednesday 07/10/2020	453	Control System-II (7046322)
Thursday 08/10/2020	454	Signals and Systems (7046325)
Friday 09/10/2020	455	Electrical Machine Design (7046323)
Saturday 10/10/2020	456 457 458 459	<b>Self Learning</b> a) Special Purpose Machines (7046327) b) Electrical Safety (7046328) c) Solar Photovoltaic System Design & Installation (7046329) d) Instrumentation Process Control & Robotics (70463210)

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

Branch 7: Electrical Engineering – (Elec)

Day & Date	Sr. No.	<b>B.E. Part – I (Neww.e.f. June 2019)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <i>(only 1 ½ hours out of this slot)</i>
<b>Monday</b> 05/10/2020	460	Industrial Drives Control (704641-1)
<b>Tuesday</b> 06/10/2020	461	Switchgear & Protection (704641-2)
<b>Wednesday</b> 07/10/2020	462	Energy Audit and Management (704641-3)
<b>Thursday</b> 08/10/2020	463	Extra High Voltage AC Transmission System (704641-4)
<b>Friday</b> 09/10/2020	464 465 466 467	1) PLC and SCADA (704641-7) 2) Digital Signal Processing (704641-8) 3) Renewable Energy Sources (704641-9) 4) Smart Grid Technology (704641-10)

Day & Date	Sr. No.	<b>B.E. Part – I (w.e.f. June 2015)</b> <del>*(CGPA Pattern 2014)</del> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <i>(only 1 ½ hours out of this slot)</i>
<b>Monday</b> 05/10/2020	468	Electrical Drives & Control (70464101)
<b>Tuesday</b> 06/10/2020	469	Switchgear & Protection (70464102)
<b>Wednesday</b> 07/10/2020	470	Electrical Utilization (70464103)
<b>Thursday</b> 08/10/2020	471 472 473 474	<b>Elective - I</b> 1) PLC and SCADA (70464106) 2) Digital Signal Processing (70464107) 3) Energy Audit & Management (70464108) 4) Biomedical Instrumentation (70464109)

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

Day & Date	Sr. No.	<b>B.E. Part – II (Neww.e.f. Nov. 2019)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <i>(only 1 ½ hours out of this slot)</i>
<b>Monday</b> <b>12/10/2020</b>	475	FlexibleACTransmissionSystemandHVDC(704642-1)
<b>Tuesday</b> <b>13/10/2020</b>	476	Power System and Operation Control(704642-2)
<b>Wednesday</b> <b>14/10/2020</b>	477	Electrical Installation and Estimation(704642-3)
<b>Thursday</b> <b>15/10/2020</b>	478 479 480 481	<b>Elective - II</b> <b>1) Power System Dynamics (704642-7)</b> <b>2) High Voltage Engineering (704642-8)</b> <b>3) Power System Planning(704642-5)</b> <b>4) Power Quality (704642-6)</b>

\* [The students of BE Part-II (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPApattern]

Day & Date	Sr. No.	<b>B.E. Part – II (w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014) (Old Up to Oct 2020)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <i>(only 1 ½ hours out of this slot)</i>
<b>Monday</b> <b>12/10/2020</b>	482	FlexibleACTransmissionSystemandHVDCTransmission (70464201)
<b>Tuesday</b> <b>13/10/2020</b>	483	Electrical Installation, Testing and Maintenance (70464202)
<b>Wednesday</b> <b>14/10/2020</b>	484	Power System Operation and Control (70464203)
<b>Thursday</b> <b>15/10/2020</b>	485 486 487 488	<b>Elective - II</b> <b>1) Power System Dynamics(70464205)</b> <b>2) High Voltage Engineering(70464206)</b> <b>3) Renewable Energy Sources(70464207)</b> <b>4) Power Quality(70464208)</b>

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

Day & Date	Sr. No.	<b>T.E. Part – I (w.e.f. June 2018)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
<b>Monday</b> <b>05/10/2020</b>	499	Medical Instrumentation - I (7041311)
<b>Tuesday</b> <b>06/10/2020</b>	500	Clinical Modeling & Simulation(7041312)
<b>Wednesday</b> <b>07/10/2020</b>	501	Microprocessor & Microcontroller(7041313)
<b>Thursday</b> <b>08/10/2020</b>	502	Principles of Communications(7041314)
<b>Friday</b> <b>09/10/2020</b>	503	Signals & Systems(7041315)
<b>Saturday</b> <b>10/10/2020</b>		<b>Self Learning (HSS)</b>
	504	a) Introduction of Sociology(7043104)
	505	b) Professional Ethics & Human Values(7043105)
	506	c) Economics (7043101)
	507	d) Stress & Coping(7043103)
	508	e) IntellectualPropertyRightsforTech.Deveptand Mgnt(7043102)

Day & Date	Sr. No.	<b>T.E. Part – II (Neww.e.f. Nov 2018)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
<b>Monday</b> <b>05/10/2020</b>	509	Medical Instrumentation II (7041321)
<b>Tuesday</b> <b>06/10/2020</b>	510	Medical Signal Processing (7041322)
<b>Wednesday</b> <b>07/10/2020</b>	511	Medical Imaging I (7041323)
<b>Thursday</b> <b>08/10/2020</b>	512	Feedback Control System (7041325)
<b>Friday</b> <b>09/10/2020</b>	513	Embedded Systems (7041324)
<b>Saturday</b> <b>10/10/2020</b>		<b>Self Learning</b>
	514	a) HOSPITAL MANAGEMENT (7041327)
	515	b) ROBOTICS AND AUTOMATION IN MEDICINE (7041328)
	516	c) NUCLEAR MEDICINE (7041329)

[The students of TE Part-II (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPApattern]

Day & Date	Sr. No.	<b>B.E. Part – I (New w.e.f. June 2019)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <i>(only 1 ½ hours out of this slot)</i>
<b>Monday</b> 05/10/2020	517	Rehabilitation Engineering (7041411)
<b>Tuesday</b> 06/10/ 2020	518	Medical Informatics (7041412)
<b>Wednesday</b> 07/10/2020	519	Medical Instrumentation III (7041413)
<b>Thursday</b> 08/10/2020	520	Principles of Image processing (7041414)
<b>Friday</b> 09/10/2020	521 522 523	<b>Elective - I</b> 1) MEDICAL RADIATION SAFETY ENGINEERING (7041416) 2) LASERS AND OPTICAL FIBERS IN MEDICINE (7041417) 3) NEURAL NETWORK AND AI IN BIOMEDICAL ENGINEERING (7041418)

Day & Date	Sr. No.	<b>B.E. Part – I (w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014)(Old up to March 2020)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <i>(only 1 ½ hours out of this slot)</i>
<b>Monday</b> 05/10/2020	524	Nuclear Medicine (51241)/(1331)
<b>Tuesday</b> 06/10/ /2020	525	Medical Informatics (51242)/(1332)
<b>Wednesday</b> 07/10/2020	526	Biomedical Instrumentation – III (51243)/(1333)
<b>Thursday</b> 08/10/2020	527	Principles of Image Processing (51244)/(1334)
<b>Friday</b> 09/10/2020	528	Hospital Management (51245)/(1335)

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

Day & Date	Sr. No.	<b>B.E. Part – II (New w.e.f. Nov. 2019)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <i>(only 1 ½ hours out of this slot)</i>
<b>Monday</b> 12/10/2020	529	Medical Imaging - II (7041421)
<b>Tuesday</b> 13/10/ /2020	530	<b>Biomedical Microsystems (7041422)</b>
<b>Wednesday</b> 14/10/2020	531	Tissue Engineering (7041423)
<b>Thursday</b> 15/10/2020	532 533 534	<b>Elective II</b> 1) BIOMECHANICS PROSTHESIS AND ORTHOSIS (7041427) 2) DESIGN FOR MEDICAL SYSTEMS (7041426) 3) BIOMETRIC SYSTEMS (7041425)

[The students of BE Part-II (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPA pattern]



Day & Date	Sr. No.	<b><u>B.E. Part – II (w.e.f. June 2015)</u></b> <b>*(CGPA Pattern 2014) (Old Up to Oct 2020)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
<b>Monday 12/10/2020</b>	535	Medical Imaging - II (7046421)
<b>Tuesday13/10 /2020</b>	536	Biomedical Microsystems (7046423)
<b>Wednesday 14/10/2020</b>	537	Tissue Engineering (7046424)
<b>Thursday 15/10/2020</b>	538	Installation, Maintenance and Servicing (7046422)

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

Day & Date	Sr. No.	<b>T.E. Part – I (w.e.f. June 2018)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
<b>Monday</b> <b>05/10/2020</b>	549	Electromagnetic Engineering
<b>Tuesday</b> <b>06/10/2020</b>	550	Instrumentation Techniques
<b>Wednesday</b> <b>07/10/2020</b>	551	Microprocessor & its applications
<b>Thursday</b> <b>08/10/2020</b>	552	Elements of power system
<b>Friday</b> <b>09/10/2020</b>	553	Control system-I
<b>Saturday</b> <b>10/10/2020</b>	554 555 556 557 558	<b>Self Learning (HSS)</b> <b>a)</b> Introduction of Sociology (7043104) <b>b)</b> Professional Ethics & Human Values(7043105) <b>c)</b> Economics (7043101) <b>d)</b> Stress & Coping (7043103) <b>e)</b> Intellectual Property Rights for Tech. Devept and Mgnt(7043102)

Day & Date	Sr. No.	<b>T.E. Part – II (Neww.e.f. Nov 2018)</b> <b>(CBCS PATTERN JUNE-2016)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
<b>Monday</b> <b>05/10/2020</b>	559	Power Electronics (70453201)
<b>Tuesday</b> <b>06/10/2020</b>	560	Electronic Communication Engg. (70453202)
<b>Wednesday</b> <b>07/10/2020</b>	561	Power System analysis (70453203)
<b>Thursday</b> <b>08/10/2020</b>	562	Control System - II (70453204)
<b>Friday</b> <b>09/10/2020</b>	563	Microcontroller & Its Applications (70453205)
<b>Saturday</b> <b>10/10/2020</b>	564 565 566 567	<b>Self Learning (Technical)</b> <b>a)</b> Industrial Management(70453207) <b>b)</b> SpecialMachines <b>c)</b> Mobile and SatelliteCommunication <b>d)</b> Electrical EngineeringMaterials

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[The students of TE Part-II (old pattern 100 marks) have to appear for respective paper of 70 marks of CGPApattern]

Day & Date	Sr. No.	<b>B.E. Part – I (w.e.f. June 2015)</b> <b>*(CGPA Pattern 2014)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
<b>Monday</b> <b>05/10/2020</b>	568	Industrial Drives and Control (70454101)
<b>Tuesday</b> <b>06/10/2020</b>	569	Electrical energy Utilization and Traction (70454102)
<b>Wednesday</b> <b>07/10/2020</b>	570	Electrical Installation, testing & maintenance (70454103)
<b>Thursday</b> <b>08/10/2020</b>	571	Switchgear & Protection (70454104)
<b>Friday</b> <b>09/10/2020</b>	572 573 574 575 576 577	<b>Elective-I</b> <b>1) High Voltage Engineering(70454107)</b> <b>2) Renewable Energy Sources(70454108)</b> <b>3) Digital Signal Processing(70454109)</b> <b>4) PLC &amp; Applications(70454110)</b> <b>5) VLSI Design(70454111)</b> <b>6) Power System Dynamics &amp;Stability(70454112)</b>

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

Day & Date	Sr. No.	<b>B.E. Part – II(w.e.f. Nov 2015)</b> <b>*(CGPA Pattern 2014)</b> <b>Time: 11:30 a.m. to 04:30 p.m.</b> <b>(only 1 ½ hours out of this slot)</b>
<b>Monday</b> <b>12/10/2020</b>	578	HVDC &FACTS(70454201)
<b>Tuesday</b> <b>13/10/2020</b>	579	Electrical Machine Design(70454202)
<b>Wednesday</b> <b>14/10/2020</b>	580	Engineering Economics &IndustrialManagement(70454203)
<b>Thursday</b> <b>15/10/2020</b>	581 582 583 584 585 586	<b>Elective-II</b> <b>1) EHVAC(70454205)</b> <b>2) Energy conservation &amp; Auditing(70454206)</b> <b>3) Data communication &amp; Networking(70454207)</b> <b>4) Power Quality(70454208)</b> <b>5) Embedded System(70454209)</b> <b>6) Modeling of electrical System(70454210)</b>

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

**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 take place before starting 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 and 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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**Ref No.: PAHSUS/EXAM/TIME-TABLE/2020/817**

**Date : 28/09/2020**

**Sd/-**  
**I/C Director**  
Board of Examinations and Evaluation