

PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

EXAM OF 2020 SEMESTER PATTERN EXAMINATION

FINAL PROGRAM OF THE BACHELOR OF ENGINEERING EXAMINATIONS IN THE BRANCHES

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|---|------------------------------------|--|
| [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 |

MAY 2020 EXAMINATION TO BE HELD IN NOV- 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 in to the Examination Hall.

2. Important Note: Students should mention Name, PRN No. & Roll No./Sheet No. on OMR Answer Booklet.

3. We will conduct the FE-I & II, SE- I & II & T. E. – I & II Exam of the repeaters student only.

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 4 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 4 hours

The Written Examination will be conducted in the following order:

Day & Date	Sr. No.	<u>F.E. Part – I (w.e.f. June 2016)</u> (CBCS Old PATTERN JUNE-2016) Time: 2:00 p.m. to 6:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	1	Engineering Mathematics-I (704113)
Saturday 07/11/2020	2	Applied Mechanics (704114)
Sunday 08/11/2020	3	Basic Electrical Engineering (704115)
Monday 09/11/2020	4	Basic Mechanical Engineering (704116)
Tuesday 10/11/2020	5	Engg. Physics –I & Engg. Physics-II (704111)/ (704121)
Wednesday 11/11/2020	6	Engg. Chemistry –I & Engg. Chemistry-II (704112)/ (704122)

Day & Date	Sr. No.	<u>F.E. Part – II (w.e.f. Nov 2016)</u> *(CBCS Old PATTERN JUNE-2016) Time: 2:00 p.m. to 6:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	8	Basic Civil Engineering (704125)
Saturday 07/11/2020	9	Basic Electronics (704127)
Sunday 08/11/2020	7	Engineering Mathematics - II (704123)
Monday 09/11/2020	10	Engineering Graphics (704124)

Branch-1: Civil Engineering–(Civil)

Day & Date	Sr. No.	<u>S.E. Part – I (w.e.f. June 2017)</u> (CBCS Old PATTERN JUNE-2016) Time: 2:00 p.m. to 6:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	11	Concrete Technology (7043211)
Saturday 07/11/2020	12	Structural Mechanics - I (7043212)
Sunday 08/11/2020	13	Surveying – I (7043213)
Monday 09/11/2020	14	Building Construction & Drawing (7043214)
Tuesday 10/11/2020	15	Fluid Mechanics – I (7043215)
Wednesday 11/11/2020	16	Engg. Geology (7043216)

Day & Date	Sr. No.	<u>S.E. Part – II (w.e.f. of Nov 2017)</u> (CBCS PATTERN JUNE-2016) Time: 2:00 p.m. to 6:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	17	Structural Mechanics - II (7043221)
Saturday 07/11/2020	18	Surveying – II (7043222)
Sunday 08/11/2020	19	Building Planning & Design (7043223)
Monday 09/11/2020	20	Fluid Mechanics - II (7043224)
Tuesday 10/11/2020	21	Water Resources Engg - I (7043225)
Wednesday 11/11/2020	22	Engg. Math - III (7043226)

Day & Date	Sr. No.	T.E. Part – I (w.e.f. June 2014) *(CGPA Pattern 2014) (Old up to Oct 2019) Time: 2:00 p.m. to 6:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	632	Design of Steel Structures (70433101)
Saturday 07/11/2020	633	Geotechnical Engg.- I (70433102)
Sunday 08/11/2020	634	Environmental Engg.- I (70433104)
Monday 09/11/2020	635	Engineering Management- I (70433106)
Tuesday 10/11/2020	636	Transportation Engg.-I (70433105)
Wednesday 11/11/2020	637	Building Planning & Design (70433103)
Wednesday 11/11/2020	638 639 640 641 642	Self Learning (HSS) a) Introduction of Sociology (704-3110) b) Professional Ethics & Human Values (704-3111) c) Economics (704-3107) d) Stress & Coping (704-3109) e) Intellectual Property Rights for Tech. Devept and Mgnt (704-3108)

Day & Date	Sr. No.	T.E. Part – II (w.e.f. Nov 2014) *(CGPA Pattern 2014) (Old up to Oct 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	80	Structural Mechanics – III (70433201)
Saturday 07/11/2020	81	Geotechnical Engg. – II (70433202)
Sunday 08/11/2020	82	Environmental Engg. – II (70433203)
Monday 09/11/2020	83	Engineering Management – II (70433204)
Tuesday 10/11/2020	84	Transportation Engg. – II (70433205)
Wednesday 11/11/2020	85 86 87 88 89 90	Self Learning (Technical) a) Pavement Analysis and Design (70433210) b) Geosynthetics & reinforced soil structures (70433209) c) Planning for Sustainable Development (70433211) d) TQM and MIS in Civil Engineering (70433212) e) Earthquake Resistant non Engineered Construction (70433213) f) Remote Sensing Technique

Branch 2: Mechanical Engineering– (Mech)

Day & Date	Sr. No.	S.E. Part – I (w.e.f. June 2017) (CBCS Old PATTERN JUNE-2016) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	109	Analysis of Mechanical Elements (70410211)
Saturday 07/11/2020	110	Applied Thermodynamics (70410212)
Sunday 08/11/2020	111	Engineering Mathematics – III (70410213)
Monday 09/11/2020	112	Manufacturing Processes (70410214)
Tuesday 10/11/2020	113	Machine Drawing (70410215)

Day & Date	Sr. No.	S.E. Part – II (w.e.f. of Nov 2017) (CBCS PATTERN JUNE-2016) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	114	Theory of Machines – I (70410221)
Saturday 07/11/2020	115	Machine Tools & Processes (70410222)
Sunday 08/11/2020	116	Fluid Mechanics(70410223)
Monday 09/11/2020	117	Electrical and Electronic Technology(70410224)
Tuesday 10/11/2020	118	<u>Professional Elective - II</u> 1] Computational Techniques & Numerical Methods (70410227)
	119	2]Simulation Techniques(70410228)

Day & Date	Sr. No.	T.E. Part – I (w.e.f June 2014) *(CGPA Pattern 2014) (Old up to Oct 2019) Time: 2:00 p.m. to 6:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	653	Theory of Machine – II (704103101)
Saturday 07/11/2020	654	Heat and Mass Transfer (704103102)
Sunday 08/11/2020	655	Metallurgy (704103103)
Monday 09/11/2020	656	Machine Design - I (704103104)
Tuesday 10/11/2020	657 658 659	Professional Elective - I 1] Machine Tool Design (704103107) 2] Material Handling Systems (704103109) 3] Fluid Machinery and Fluid Power (704103108)
Wednesday 11/11/2020	638 639 640 641 642	Self Learning (HSS) a) Introduction of Sociology (7043110) b) Professional Ethics & Human Values (7043111) c) Economics (7043107) d) Stress & Coping (7043109) e) Intellectual Property Rights for Tech. Devept and Mgnt (7043108)

Day & Date	Sr. No.	T.E. Part – II (w.e.f June 2014) *(CGPA Pattern 2014) (Old up to Oct 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	166	Metrology and Mechanical Measurements (704103201)
Saturday 07/11/2020	167	Internal Combustion Engine (704103202)
Sunday 08/11/2020	168	CAD/CAM (704103203)
Monday 09/11/2020	169	Machine Design – II (704103204)
Tuesday 10/11/2020	170 171 172 173	Professional Elective - II 1] Experimental Stress Analysis (704103207) 2] Power Plant and Energy Engineering (704103208) 3] Mechanical Vibration (704103210) 4] Tool Engineering (704103209)

Branch 3: Electronics Engineering– (Elen)

Day & Date	Sr. No.	S.E. Part – I (w.e.f. June 2017) (CBCS Old PATTERN JUNE-2016) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	191	Electronics Circuit Analysis and Design – I (7048212)
Saturday 07/11/2020	192	Network Theory & Analysis (7048213)
Sunday 08/11/2020	193	Digital Logic design (7048214)
Monday 09/11/2020	194	Analog Communication (7048215)
Tuesday 10/11/2020	190	Engineering Mathematics – III (7048211)

Day & Date	Sr. No.	S.E. Part – II (w.e.f. of Nov 2017) (CBCS PATTERN JUNE-2016) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	195	Electronics Circuit Analysis and Design - II (7048222)
Saturday 07/11/2020	196	Data Structures(7048223)
Sunday 08/11/2020	197	Electrical Machines (7048221)
Monday 09/11/2020	198	Linear Integrated circuits (7048224)
Tuesday 10/11/2020	199	Signals and systems (7048225)

Day & Date	Sr. No.	T.E. Part – I (w.e.f June 2014) *(CGPA Pattern 2014) (Old up to Oct 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	670	Control Systems (70483101)
Saturday 07/11/2020	671	Digital Signal Processing (70483102)
Sunday 08/11/2020	672	Microprocessor and Interfacing (70483103)
Monday 09/11/2020	673	Electromagnetic Engineering (70483105)
Tuesday 10/11/2020	674	Information Technology & Management (70483106)
Wednesday 11/11/2020	638 639 640 641 642	Self Learning a) Introduction of Sociology (7043110) b) Professional Ethics & Human Values (7043111) c) Economics (7043107) d) Stress & Coping (7043109) e) Intellectual Property Rights for Tech. Devept and Mgnt (7043108)

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

Day & Date	Sr. No.	<u>T.E. Part – I (Old Pattern)</u> Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Wednesday 11/11/2020	674	Industrial Engineering (9215)

Day & Date	Sr. No.	<u>T.E. Part – II (w.e.f Nov 2014)</u> *(CGPA Pattern 2014) (Old up to Oct 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	236	Operating Systems (70483201)
Saturday 07/11/2020	237	Digital Communication (70483202)
Sunday 08/11/2020	238	Microcontrollers (70483203)
Monday 09/11/2020	239	Industrial Electronics (70483204)
Tuesday 10/11/2020	240	VLSI Design (70483205)
Wednesday 11/11/2020	241 242 243 244	Self Learning a) Automotive Electronics (70483209) b) Robotics (70483207) c) Electronics Instrumentation (70483210) d) Programming in VB Net (70483208)

Day & Date	Sr. No.	<u>T.E. Part – II (Old Pattern)</u> Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Wednesday 11/11/2020	674	Automatic Control Engineering (41114)

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

Day & Date	Sr. No.	S.E. Part – I (New w.e.f. June 2017) (CBCS Old PATTERN JUNE-2016) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	249	Electronics Circuit Analysis and Design – I (7047212)
Saturday 07/11/2020	250	Network Theory & Analysis (7047213)
Sunday 08/11/2020	251	Digital Techniques (7047214)
Monday 09/11/2020	252	Analog Communication (7047215)
Tuesday 10/11/2020	248	Engineering Mathematics – III (7047211)

Day & Date	Sr. No.	S.E. Part – II (New w.e.f. Nov 2017) (CBCS PATTERN JUNE-2016) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	253	Electronics circuit analysis and Design - II (7047221)
Saturday 07/11/2020	254	Data Structure(7047222)
Sunday 08/11/2020	255	Control Systems(7047223)
Monday 09/11/2020	256	Linear Integrated Circuit (7047224)
Tuesday 10/11/2020	257	Signals and Systems (7047225)

Day & Date	Sr. No.	T.E. Part – I (w.e.f. June 2014) *(CGPA Pattern 2014) (Old up to Oct 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	685	Electro Magnetic Engg. & Radiating System (70473101)
Saturday 07/11/2020	686	Principles of Digital Communication (70473102)
Sunday 08/11/2020	687	Software Engineering & Project Management System (70473103)
Monday 09/11/2020	688	Digital Signal Processing (70473104)
Tuesday 10/11/2020	689	Microprocessors (70473105)
Wednesday 11/11/2020	638 639 640 641 642	Self Learning (HSS) a) Introduction of Sociology (70473110) b) Professional Ethics & Human Values (70473111) c) Economics (70473107) d) Stress & Coping (70473109) e) Intellectual Property Rights for Tech. Devept and Mgnt (70473108)

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

Day & Date	Sr. No.	T.E. Part – II (w.e.f. Nov 2014) *(CGPA Pattern 2014) (Old up to Oct 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	307	Radar & Microwave Engineering (70473201)
Saturday 07/11/2020	308	Microcontrollers & Application (70473202)
Sunday 08/11/2020	309	Electronics Applications & System Design (70473203)
Monday 09/11/2020	310	Optical Communication (70473204)
Tuesday 10/11/2020	311	Mobile Communication (70473205)
Wednesday 11/11/2020	312 313 314	Self Learning a) Computer Organization (70473207) b) Operating System (70473208) c) Robotics (70473209)

Branch 5: Computer Science & Engineering– (CSE)

Day & Date	Sr. No.	<u>S.E. Part – I (w.e.f. June 2017)</u> (CBCS Old PATTERN JUNE-2016) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	306	Discrete Mathematical Structures (7044212)
Saturday 07/11/2020	307	Data Communication (7044213)
Sunday 08/11/2020	308	Digital Techniques (7044214)
Monday 09/11/2020	309	Computer Graphics (7044215)
Tuesday 10/11/2020	305	Applied Mathematics – I (7044211)

Day & Date	Sr. No.	<u>S.E. Part – I (CGPA Pattern)</u> Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Wednesday 11/11/2020	766	Advanced C Concepts (70442103)

Day & Date	Sr. No.	<u>S.E. Part – II (w.e.f. Nov 2017)</u> (CBCS PATTERN JUNE-2016) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	311	Theory of Computation (7044222)
Saturday 07/11/2020	312	Microprocessors (7044223)
Sunday 08/11/2020	313	Data Structures (7044224)
Monday 09/11/2020	314	Computer Networks (7044225)
Tuesday 10/11/2020	310	Applied Mathematics - II (7044221)

Day & Date	Sr. No.	<u>T.E. Part – I (w.e.f. June 2014)</u> *(CGPA Pattern 2014) (Old up to Oct 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	700	Operating System Concepts (70443101)
Saturday 07/11/2020	701	System Programming (70443103)
Sunday 08/11/2020	702	Computer Networks (70443102)
Monday 09/11/2020	703	Design & Analysis of Algorithm (70443104)
Tuesday 10/11/2020	704	Computer Organization (70443105)
Wednesday 11/11/2020	638 639 640 641 642	Self Learning (HSS) a) Introduction of Sociology (7043110) b) Professional Ethics & Human Values (7043111) c) Economics (7043107) d) Stress & Coping (7043109) e) Intellectual Property Rights for Tech. Develpt and Mgnt (7043108)

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

Day & Date	Sr. No.	<u>T.E. Part – II (w.e.f. Nov 2014)</u> *(CGPA Pattern 2014) (Old up to Oct 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	388	Database Engineering (70443201)
Saturday 07/11/2020	389	Compiler Construction (70443202)
Sunday 08/11/2020	390	Unix Operating System (70443203)
Monday 09/11/2020	391	Software Engineering (70443205)
Tuesday 10/11/2020	392	Mobile Computing (70443204)
Wednesday 11/11/2020	393 394 395	Self Learning (HSS/Technical) a) Network Setup & Management Tools (70443210) b) Software Licenses and Practices (70443209) c) Computer Modeling and Simulation (70443208)

Branch 6: Information Technology--(IT)

Day & Date	Sr. No.	S.E. Part – I (New w.e.f. June 2017) (CBCS Old PATTERN JUNE-2016) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	375	Discrete Mathematical Structure(7049212)
Saturday 07/11/2020	376	Data Communication (7049213)
Sunday 08/11/2020	377	Digital Logic Design (7049214)
Monday 09/11/2020	378	Computer Graphics(7049215)
Tuesday 10/11/2020	374	Applied Mathematics – I(7049211)

Day & Date	Sr. No.	S.E. Part – II (w.e.f. of Nov 2017) (CBCS PATTERN JUNE-2016) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	380	Theory of Computation (7049222)
Saturday 07/11/2020	381	Microprocessor(7049223)
Sunday 08/11/2020	382	Data Structures (7049224)
Monday 09/11/2020	383	Computer Networks(7049225)
Tuesday 10/11/2020	379	Applied Mathematics - II (7049221)

Day & Date	Sr. No.	T.E. Part – I (w.e.f. June 2014) *(CGPA Pattern2014) (Old up to Oct 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	715	Network Management (70493101)
Saturday 07/11/2020	716	Computer Organization & Architecture (70493104)
Sunday 08/11/2020	717	System Software (70493102)
Monday 09/11/2020	718	Design & Analysis of Algorithms (70493105)
Tuesday 10/11/2020	719	Principles of Operating Systems (70493103)
Wednesday 11/11/2020	638 639 640 641 642	Self Learning (HSS) a) Introduction of Sociology(7043110) b) Professional Ethics & Human Values(7043111) c) Economics(7043107) d) Stress & Coping(7043109) e) Intellectual Property Rights for Tech. Devept and Mgnt (7043108)

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

Day & Date	Sr. No.	<u>T.E. Part – II (w.e.f. Oct 2014)</u> * (CGPA Pattern 2014) (Old up to Oct 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	471	Database Engineering (70493201)
Saturday 07/11/2020	472	Object Oriented Modeling & Design (70493203)
Sunday 08/11/2020	473	Unix Operating System Concepts (70493202)
Monday 09/11/2020	474	Software Engineering (70493204)
Tuesday 10/11/2020	475	Mobile Application Development (70493205)
Wednesday 11/11/2020	476 477 478	Self Learning (HSS/Technical) A) Tools for computer Architecture (70493209) B) Compiler Development Tools (70493210) C) Network setup and management (70493208)

Branch 7: Electrical Engineering– (Elec)

Day & Date	Sr. No.	S.E. Part – I (w.e.f. June 2017) (CBCS Old PATTERN JUNE-2016) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	436	Electrical Machines - I (7046212)
Saturday 07/11/2020	437	Electrical Measurement and Instrumentation(7046213)
Sunday 08/11/2020	438	Power Plant Engineering(7046214)
Monday 09/11/2020	439	Electronic Devices and Circuits(7046215)
Tuesday 10/11/2020	435	Engineering Mathematics-III(7046211)

Day & Date	Sr. No.	S.E. Part – II (w.e.f. of Nov 2017) (CBCS PATTERN JUNE-2016) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	441	Electrical Machines - II (7046222)
Saturday 07/11/2020	442	Elements of Power System (7046223)
Sunday 08/11/2020	443	Analog & Digital Integrated Circuits (7046224)
Monday 09/11/2020	440	Numerical Methods and Linear Algebra (7046221)
Tuesday 10/11/2020	444	Network Analysis (7046225)

Day & Date	Sr. No.	T.E. Part – I (w.e.f. June 2014) *(CGPA Pattern 2014) (Old up to Oct- 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	730	Power System Analysis (70463101)
Saturday 07/11/2020	731	Control Systems – I (70463105)
Sunday 08/11/2020	732	Engineering Economics and Industrial Management (70463102)
Monday 09/11/2020	733	Electromagnetic Engineering (70463103)
Tuesday 10/11/2020	734	Electrical Machine – III (70463104)
Wednesday 11/11/2020	638 639 640 641 642	Self Learning a) Introduction of Sociology (7043110) b) Professional Ethics & Human Values (7043111) c) Economics (7043107) d) Stress & Coping (7043109) e) Intellectual Property Rights for Tech. Develpt and Mgnt (7043108)

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

Day & Date	Sr. No.	T.E. Part – II (w.e.f. Nov 2014) * (CGPA Pattern 2014) (Old up to Oct 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	541	Electrical Machine Design (70463202)
Saturday 07/11/2020	542	Control System – II (70463201)
Sunday 08/11/2020	543	Microprocessor and Microcontrollers (70463205)
Monday 09/11/2020	544	Power Electronics (70463203)
Tuesday 10/11/2020	545	Signals & Systems (70463204)
Wednesday 11/11/2020	546 547 548	Self Learning a) Safety Engg and Disaster management (70463207) b) Intellectual Property Rights (70463208) c) Value Engineering (70463209)

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

Day & Date	Sr. No.	<u>S.E. Part – I (w.e.f. June 2017)</u> (CBCS Old PATTERN JUNE-2016) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	494	Human Anatomy and Physiology (7041212)
Saturday 07/11/2020	495	Biomaterials (7041213)
Sunday 08/11/2020	496	Electronics Circuit Analysis and Design - I (7041214)
Monday 09/11/2020	497	Linear Circuit Analysis (7041215)
Tuesday 10/11/2020	493	Engineering Mathematics – III (7041211)

Day & Date	Sr. No.	<u>S.E. Part – II (w.e.f. of Nov 2017)</u> (CBCS PATTERN JUNE-2016) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	498	Transducers in Biomedical Instrumentation (7041221)
Saturday 07/11/2020	499	Biomedical Prosthetics and Orthotics (7041222)
Sunday 08/11/2020	500	Electronics Instrumentations(7041223)
Monday 09/11/2020	501	Digital Design (7041224)
Tuesday 10/11/2020	502	Electronics Circuit Analysis and Design- II (7041225)

Day & Date	Sr. No.	<u>T.E. Part – I (w.e.f. June 2014)</u> *(CGPA Pattern 2014) (Old up to Oct- 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	745	Bio Medical Instrumentation - I (70413101)
Saturday 07/11/2020	746	Biological Modeling & Simulation (70413102)
Sunday 08/11/2020	747	Microprocessors & Microcontroller (70413103)
Monday 09/11/2020	748	Principals of Communication (70413104)
Tuesday 10/11/2020	749	Signals & System (70413105)

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

Day & Date	Sr. No.	T.E. Part – II (w.e.f. Nov 2014) *(CGPA Pattern 2014) (Old up to Oct 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	608	Biomedical Instrumentation – II (70413201)
Saturday 07/11/2020	609	Medical Imaging – I (70413203)
Sunday 08/11/2020	610	Control System (70413204)
Monday 09/11/2020	611	Digital Signal Processing (70413202)
Tuesday 10/11/2020	612	Embedded Systems (70413205)

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

Day &Date	Sr. No.	<u>S.E. Part – I (w.e.f. Nov 2013)</u> *(CGPA Pattern June 2014) (Old up to Mar 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	630	Analog Electronics (104) /(91415)
Saturday 07/11/2020	628	D.C. Machines and Transformers 70452102
Sunday 08/11/2020	629	Electrical Networks (103) /(91414)
Monday 09/11/2020	627	Engineering Mathematics - III 70452101
Tuesday 10/11/2020	631	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 and all mark system students]

Day &Date	Sr. No.	<u>S.E. Part – I (w.e.f. June 2008)(Old up to Mar 2019)</u> Time: 2:00 p.m. to 6:00 p.m. (only 1 ½ hours out of this slot)
Wednesday 11/11/2020	632	Data Structures (34105)

Day &Date	Sr. No.	<u>S.E. Part – II (w.e.f. of Nov 2013)</u> *(CGPA Pattern 2014) (Old up to Mar 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	637	A.C. Machines (202) /(92052)
Saturday 07/11/2020	634	Electrical & Electronic Measurements (203)/(92053)
Sunday 08/11/2020	635	Signals & Systems 70452204
Monday 09/11/2020	636	Digital Techniques (205) /(92055)
Tuesday 10/11/2020	633	Linear Algebra (201) /(92051)

Day & Date	Sr. No.	T.E. Part – I (w.e.f. June 2014) *(CGPA Pattern 2014) (Old up to Oct- 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	760	Electromagnetic Engineering (70453101)
Saturday 07/11/2020	761	Instrumentation Techniques (70453102)
Sunday 08/11/2020	762	Microprocessor & its applications (70453103)
Monday 09/11/2020	763	Elements of power system (70453104)
Tuesday 10/11/2020	764	Control system - I (70453105)
Wednesday 11/11/2020	638 639 640 641 642	Self Learning (HSS) a) Introduction of Sociology (70453110) b) Professional Ethics & Human Values (70453111) c) Economics (70453107) d) Stress & Coping (70453109) e) Intellectual Property Rights for Tech. Devept and Mgnt (70453108)

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

Day & Date	Sr. No.	T.E. Part – II (w.e.f. Nov. 2014) *(CGPA Pattern 2014) (Old up to Oct 2019) Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)
Friday 06/11/2020	662	Power Electronics (70453201)
Saturday 07/11/2020	663	Electronic Communication Engg. (70453202)
Sunday 08/11/2020	664	Power System analysis (70453203)
Monday 09/11/2020	665	Control System - II (70453204)
Tuesday 10/11/2020	666	Microcontroller & Its Applications (70453205)
Wednesday 11/11/2020	667 668 669 670	Self Learning (Technical) a) Industrial Management (70453207) b) Special Machines c) Mobile and Satellite Communication d) Electrical Engineering Materials

Branch : Mechanical Engineering– (Mech)

Day & Date	Sr. No.	<u>B.E. Part – II (w.e.f. June 2015)</u> * (CGPA Pattern 2014) (Old Up to March 2020)
Time: 02:00 p.m. to 06:00 p.m. (only 1 ½ hours out of this slot)		
Wednesday 11/11/2020	185	Power Plant & Energy Engg. (70410429)

<u>B. Engineering First Year Part-II (All Branch)</u> (w.e.f. Nov 2017)			
Day & Date	Sr. No.	SUBJECT Time: 2:00 p.m. to 6:00 p.m. (only 1 ½ hours out of this slot)	
Wednesday 11/11/2020	911	Environmental Studies (2014EG/ENG2016)	

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Ref No.: PAHSUS/EXAM/TIME-TABLE/2020/933

Date : 31/10/2020

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