

PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

EXAM OF 2019 SEMESTER PATTERN EXAMINATION

FINAL PROGRAM OF THE MASTER OF ENGINEERING - M.E. (ALL BRANCHES) SEMESTER – I TO III EXAMINATION TO BE HELD IN MAY-2020

- Candidates are requested to be present at their respective place of Examination **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time starting of each subsequent Paper. Candidates 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.
- Very Important Note :** ME Sem-III [New/Old Syllabus] - Self Learning या अभ्यासक्रमाची परीक्षा एप्रिल/मे-२०१७ मध्ये व त्या पुढे होणा-या परीक्षा अंतिम वेळापत्रकानुसार आप-आपल्या महाविद्यालयीन स्तरावर घ्यावी व मार्कलिस्ट परीक्षा विभागाकडे जमा करावी.
- The time for the exam is one and half hours (1 ½)
- The Written Examinations will be conducted online/offline mode which held at home/ designated places.
- 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.

FOLLOWING BRANCHES FOR MASTER OF ENGINEERING (M.E.)

[1] Civil – Structures Engineering	[8] Mechanical – Manufacturing Process Engineering
[2] Mechanical – Design Engineering	[9] Mechanical – Thermal Engineering
[3] Electronics Engineering	[10] Electronics & Telecommunication Engineering - (Digital Elect.& Communication System)
[4] Computer Science & Engineering	[11] Electrical Engineering
[5] Electronics & Telecommunication Engineering	[12] Mechanical - Manufacturing Engineering
[6] Mechanical – CAD/CAM Engineering	
[7] Mechanical Engineering	

The Written Examination will be conducted in the following order:

[1]Civil – (Structures Engineering)

ME (Civil – Structures Sem-I) (*w.e.f. June 2015) * (CBCSPattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 ½ hours out of this slot)</i>
Monday 05/10/2020	1	I	Theory of Elasticity & Plasticity (707101101)
Tuesday06/10/20 20	2	II	Mechanics of Structures (707101102)
Wednesday 07/10/2020	3	III	Advanced Design of Concrete Structures (707101103)
Thursday 08/10/2020	4	IV	Dynamics of Structures (707101104)
Friday 09/10/2020	5 6 7	V	<u>Elective - I</u> 1. Design of Foundation (707101105) 2. Advances in Concrete Composites(707101106) 3. Structural Optimization (707101107)

ME (Civil – Structures Engg. Sem-II) (w.e.f. Nov 2015) (CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 ½ hours out of this slot)</i>
Monday 05/10/2020	8	VI	Theory of Plates & Shells (707101201)
Tuesday06/10/20 20	9	VII	Finite Element Method (707101202)
Wednesday 07/10/2020	10	VIII	Earthquake Engineering (707101203)
Thursday 08/10/2020	11	IX	Advanced Design of Steel Structures (707101204)
Friday 09/10/2020	12 13 14 15	X	<u>Elective– II</u> 1. Stability of Structures (707101205) 2. Design of R.C.C. Bridges (707101206) 3. Structural reliability (707101207) 4. Design of folder plates and shells(707101208)

[2] Mechanical –(Design Engineering)

ME (Mechanical – Design Engg. Sem-I) (w.e.f. June 2015) (CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 ½ hours out of this slot)</i>
Monday 05/10/2020	16	I	Computational Techniques in Design Engg. (70721101)
Tuesday 06/10/2020	17	II	Machine Dynamics (70721102)
Wednesday 07/10/2020	18	III	Solid Mechanics (70721103)
Thursday 08/10/2020	19	IV	Design of Experiment and Research Methodology(70721104)
Friday 09/10/2020	20 21 22 23	V	Elective-I 1. Synthesis & Analysis of Mechanisms & Machines (70721105) 2. Industrial Instrumentation (70721106) 3. Reliability Engineering (70721107) 4. Mechanical System Design (70721108)

ME (Mechanical – Design Engg. Sem-II) (w.e.f. Nov 2015) (CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 ½ hours out of this slot)</i>
Monday 05/10/2020	24	VI	Advanced Design Engineering (70721201)
Tuesday 06/10/2020	25	VII	Finite Element Analysis (70721202)
Wednesday 07/10/2020	26	VIII	Experimental Stress Analysis (70721203)
Thursday 08/10/2020	27	IX	Industrial Product Design (70721204)
Friday 09/10/2020	28 29 30 31	X	Elective-II 1. Industrial Tribology (70721205) 2. Engineering Fracture Mechanics (70721206) 3. Theory and Analysis of Composite Materials (70721207) 4. Engineering Design Optimization (70721208)

[3] Electronics Engineering

ME (Electronics Engg. Sem-I) (w.e.f. June 2015) (CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. (only 1 ½ hours out of this slot)
Monday 05/10/2020	32	I	CMOS VLSI Design (70781101)
Tuesday 06/10/2020	33	II	Advanced Digital Signal Processing (70781102)
Wednesday 07/10/2020	34	III	Advanced Network Engineering (70781103)
Thursday 08/10/2020	35	IV	Random Signal & Processes (70781104)
Friday 09/10/2020	36	V	Elective-I
	37		1. Design of Wireless System (70781105)
	38		OR
	39		2. Wireless Sensor Networks (70781106)
	40		3. Advanced Digital System Design (70781107)
			4. Image and Video Processing (70781108)
			5. Neural Networks & Fuzzy Control Systems(70781109)

ME (Electronics Engg.Sem-II) (w.e.f. Nov 2015) (CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. (only 1 ½ hours out of this slot)
Monday 05/10/2020	41	VI	Research Methodology (70781201)
Tuesday 06/10/2020	42	VII	Embedded System Design (70781202)
Wednesday 07/10/2020	43	VIII	Peripheral System Design & Interfacing (70781203)
Thursday 08/10/2020	44	IX	Advanced Control Systems(70781204)
Friday 09/10/2020	45	X	Elective- II
	46		1. Mobile Technology (70781205)
	47		2. Real Time Systems (70781206)
	48		3. VLSI in Signal Processing (70781207)
			4. PLC, SCADA and Distributed Control System(70781208)

ME (Electronics Engg.Sem-III) (w.e.f. June 2016)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 ½ hours out of this slot)</i>
Monday 12/10/2020	49	I	Self Learning Subject
	50		1] Network and Internet Security (70782101)
	51		2] Programmable System on Chip (PSoC) (70782102)
	52		3] Advanced Signal and Image Processing (70782103)
			4] Advanced Process Controls (70782104)

[4] Computer Science & Engineering

ME (Computer Science & Engg. Sem-I) (w.e.f. June 2015) (CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 ½ hours out of this slot)</i>
Monday 05/10/2020	53	I	Theory of Computation (70791101)
Tuesday 06/10/2020	54	II	Advanced Operating Systems (70791102)
Wednesday 07/10/2020	55	III	Analysis of Algorithms (70791103)
Thursday 08/10/2020	56	IV	Research Methodology (70791104)
Friday 09/10/2020	57	V	Elective-I
	58		1. Data Mining (70791105)
	59		2. Mobile Computing (70791106)
	60		3. Artificial Neural Network and Genetic Algorithm(70791107)
			4. Enterprise Software Development (70791108)

ME (Computer Science & Engg. Sem-II) (w.e.f. Nov 2015) (CBCS Pattern-2015)/(CGPA Pattern-2013)				
Day & Date	Sr. No.	Paper No.	Time & Subject	
			11:30 a.m. to 04:30 p.m. <i>(only 1 ½ hours out of this slot)</i>	
Monday 05/10/2020	61	VI	Internet Routing Algorithm (70791201)	
Tuesday 06/10/2020	62	VII	Advanced Database Concepts (70791202)	
Wednesday 07/10/2020	63	VIII	Parallel Computer Architectures (70791203)	
Thursday 08/10/2020	64 65 66 67	IX	Elective- II 1. Grid Computing (70791204) 2. Real Time Operating System(70791205) 3. Natural Language Processing (70791206) 4. Infrastructure Management (70791207)	
Friday 09/10/2020	68 69 70 71		X	Elective-III 1. Web Technology (70791208) 2. Business Intelligent System (70791209) 3. Object Oriented Software Engineering and Design Patterns (70791210) 4. Wireless Ad-hoc Network(70791211)

ME (Computer Science & Engg. Sem-III) (w.e.f. June 2016)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 ½ hours out of this slot)</i>
Monday 12/10/2020	72 73 74	I	Self Learning Subject 1] Big Data(70792101) 2] Open Source Technology(70792102) 3] Computer Network Administration(70792103)

[5] Electronics & Telecommunication Engineering

ME (Electronics & Telecommunication Engg. Sem-I) (CBCS Pattern-2015) (w.e.f. June 2015)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 1/2 hours out of this slot)</i>
Monday 05/10/2020	75	I	Research Methodology (70761101)
Tuesday 06/10/2020	76	II	Antenna Theory and Design (70761102)
Wednesday 07/10/2020	77	III	Probability & Stochastic Processes (70761103)
Thursday 08/10/2020	78	IV	Advanced Network Systems (70761104)
Friday 09/10/2020	79 80 81	V	Elective-I 1. Optical Networks (70761105) 2. Speech & Video Processing (70761106) 3. Advanced VLSI Design (70761107)

ME (Electronics & Telecommunication Engg. Sem-I) (Old) (CGPA Pattern 2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 1/2 hours out of this slot)</i>
Monday 05/10/2020	82	I	Advanced Light Wave Communication (91860)
Tuesday 06/10/2020	83	II	Linear Algebra & Error Control Techniques (91861)

ME (Electronics & Telecommunication Engg. Sem-II) (CBCS Pattern-2015)(w.e.f. Nov 2015)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. (only 1 ½ hours out of this slot)
Monday 05/10/2020	84	VI	RF & Microwave Circuit Design (70761201)
Tuesday 06/10/2020	85	VII	Advanced Signal Processing(70761202)
Wednesday 07/10/2020	86	VIII	Wireless Communication (70761203)
Thursday 08/10/2020	87	IX	Cryptography & Network Security(70761204)
Friday 09/10/2020	88 89 90	X	Elective-II 1.Wireless Sensor Network & Optimization (70761205) 2.Wavelet Transform & Applications (70761206) 3.Advanced Embedded Systems(70761207)

[5] Electronics & Telecommunication Engineering

ME (Electronics & Telecommunication Engg. Sem-II) (CGPA Pattern w.e.f. Nov 2013) (Old)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. (only 1 ½ hours out of this slot)
Monday 05/10/2020	91 92 93	IX	Elective- II 1. Multi Rate Systems & Filter Banks (92174) 2. Cryptography & Network Security (92175) 3. Speech & Audio Processing (92176)
Tuesday 06/10/2020	94 95 96 97	X	Elective-III 1. Mobile Computing (92177) 2. Stochastic Models & Queuing Theory (92178) 3. Communication System Design (92179) 4. Optical Networks (92180)

ME (Electronics & Telecommunication Engg. Sem-III) (w.e.f. June 2016)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. (only 1 ½ hours out of this slot)
Monday 12/10/2020	98 99 100	I	Self Learning Subject 1] Internet of Things(70762101) 2] Software Defined and Cognitive Radio(70762102) 3] Modeling & Simulation of Communication System (70762103)

[6] Mechanical –(CAD/CAM Engineering)

ME Mechanical – (CAD/CAM Engg. Sem-I) (w.e.f. June 2015)			
(CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. (only 1 ½ hours out of this slot)
Monday 05/10/2020	101	I	Advanced Machine Design (707111101)
Tuesday 06/10/2020	102	II	Computer Aided Manufacturing (707111102)
Wednesday 07/10/2020	103	III	Finite Element Analysis (707111103)
Thursday 08/10/2020	104	IV	Design of Experiments & Research Methodology (707111104)
Friday 09/10/2020	105	V	Elective- I
	106		1. Mechatronic System Design(707111105)
	107		2. Technology Management(707111106)
	108		3. Tribology and Surface Engineering(707111107)
	109		4. MEMS and Nano Technology(707111108)
	110		5. Design and Development CAD/CAM/CAE software (707111109)
			6. Advanced Material and Processing(707111110)

ME Mechanical – (CAD/CAM Engg. Sem-II) (w.e.f. Nov 2015)			
(CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. (only 1 ½ hours out of this slot)
Monday 05/10/2020	111	VI	Manufacturing System Design (707111201)
Tuesday 06/10/2020	112	VII	Product Life Cycle Management (707111202)
Wednesday 07/10/2020	113	VIII	Industrial Automation and Robotics (707111203)
Thursday 08/10/2020	114	IX	Optimization Techniques (707111204)
Friday 09/10/2020	115	X	Elective-II
	116		1. Computation Fluid Dynamics (707111205)
	117		2. Quality and Reliability Engineering (707111206)
	118		3. System Dynamics and Simulations (707111207)
	119		4. Artificial Intelligence(707111208)
	120		5. Automatic Control Engineering(707111209)
	121		6. CAD/CAM/CAE Practices in Metal Forming(707111210)
			7. Rapid Manufacturing(707111211)

[7] Mechanical Engineering

ME (Mechanical Engg. Sem-I) (w.e.f. June 2015) (CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 ½ hours out of this slot)</i>
Monday 05/10/2020	122	I	Computational Techniques in Design Engineering (70711101)
Tuesday 06/10/2020	123	II	Industrial Instrumentation (70711102)
Wednesday 07/10/2020	124	III	Solid Mechanics (70711103)
Thursday 08/10/2020	125	IV	Design of Experiment and Research Methodology(70711104)
Friday 09/10/2020	126	V	Elective-I 1. Reverse Engineering (70711105) 2. Engineering Design Optimization (70711106) 3. Reliability Engineering (70711107) 4. FEM (70711108) 5. Synthesis & Analysis of Mechanisms & Machines (70711109)
	127		
	128		
	129		
	130		

ME (Mechanical Engg. Sem-II) (w.e.f. Nov 2015) (CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 ½ hours out of this slot)</i>
Monday 05/10/2020	131	VI	Design Engineering (70711201)
Tuesday 06/10/2020	132	VII	Theory & Analysis of Composite Materials (70711202)
Wednesday 07/10/2020	133	VIII	Mechatronics System Design (70711203)
Thursday 08/10/2020	134	IX	Industrial Product Design (70711204)
Friday 09/10/2020	135	X	Elective-II 1. Process Equipment Design (70711205) 2. Material Handling Equipment Design (70711206) 3. Machine Tool Design (70711207) 4. Robotics (70711208) 5. Tribology & Surface Engineering (70711209)
	136		
	137		
	138		
	139		

[8] Mechanical – (Manufacturing Process Engineering)

ME Mechanical – (Manufacturing Process Engg. Sem-I) (w.e.f. June 2015)			
(CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. (only 1 ½ hours out of this slot)
Monday 05/10/2020	140	I	Advanced Manufacturing techniques- I(70741101)
Tuesday06/10/20 20	141	II	Electro Physical Processes(70741102)
Wednesday 07/10/2020	142	III	Computer Aided Manufacturing(70741103)
Thursday 08/10/2020	143	IV	Reliability & Terotechnology(70741104)
Friday 09/10/2020	144	V	Elective – I
	145		1. Composite Materials(70741105)
	146		2. Design For Manufacturing(70741106)
	147		3. Management of Technology(70741107)
			4. Database Management System(70741108)

ME (Mechanical – Manufacturing Process Engg. Sem-II) (w.e.f. Nov 2015)			
(CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. (only 1 ½ hours out of this slot)
Monday 05/10/2020	148	VI	Advanced Manufacturing Techniques – II (70741201)
Tuesday06/10/20 20	149	VII	Robotics & Robot Applications (70741202)
Wednesday 07/10/2020	150	VIII	Manufacturing Process Modeling (70741203)
Thursday 08/10/2020	151	IX	Machine Tool Engineering (70741204)
Friday 09/10/2020	152	X	Elective – II
	153		1. Total Quality Control (70741205)
	154		2. Finite Element Methods (70741206)
	155		3. Tribology (70741207)
			4. Computational Techniques (70741208)

[9] Mechanical – (Thermal Engineering)

ME (Mechanical – Thermal Engineering Sem-I) (w.e.f. June 2015) (CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 ½ hours out of this slot)</i>
Monday 05/10/2020	156	I	Advanced Fluid Mechanics & CFD (70731101)
Tuesday 06/10/2020	157	II	Measurement in Thermal Systems (70731102)
Wednesday 07/10/2020	158	III	Advance Heat & Mass Transfer (70731103)
Thursday 08/10/2020	159	IV	Design of Experiments & Research Methodology (70731104)
Friday 09/10/2020	160 161 162 163	V	Elective – I 1. Advanced Thermodynamics (70731105) 2. Turbo machines(70731106) 3. Combustion(70731107) 4. Steam & Gas Turbines(70731108)

ME (Mechanical – Thermal Engineering Sem-II) (w.e.f. Nov 2015) (CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 ½ hours out of this slot)</i>
Monday 05/10/2020	164	VI	Design of Thermal Systems (70731201)
Tuesday 06/10/2020	165	VII	Computational Techniques in Thermal Engineering (70731202)
Wednesday 07/10/2020	166	VIII	Theory & Design of I.C. Engines (70731203)
Thursday 08/10/2020	167	IX	Design of Refrigeration & Air Conditioning System (70731204)
Friday 09/10/2020	168 169 170 171	X	Elective-II 1. Power Plant Engineering (70731205) 2. Energy Analysis & Management (70731206) 3. Rocket Technology (70731207) 4. Cryogenics & Vacuum Technology (70731208)

[10] Electronics & Telecommunication Engineering- (Digital Elect.& Comm. System)

ME - Electronics & Telecom Engg –(Digital Electronics & Communication System Sem-I) (w.e.f. June 2015)(CBCS Pattern-2015)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 ½ hours out of this slot)</i>
Monday 05/10/2020	172	I	Research Methodology (70771101)
Tuesday06/10/20 20	173	II	Communication Networks (70771102)
Wednesday 07/10/2020	174	III	CMOS VLSI Design (70771103)
Thursday 08/10/2020	175	IV	Modern Digital Signal Processing (70771104)
Friday 09/10/2020	176 177 178	V	Elective-I 1.Color Image and Video Processing (70771105) 2.Fuzzy Logic (70771106) 3.Speech Processing (70771107)

ME (Electronics & Telecom Engg - Digital Electronics & Communication System Sem-I)(CGPA Pattern June 2013) (Old)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 ½ hours out of this slot)</i>
Monday 05/10/2020	179	IV	Probability & Random Process (91474)
Tuesday06/10/20 20	180	--	Elective-I Optical Communication Networks (91495)

ME - Electronics & Telecom Engg–(Digital Electronics & Communication System Sem-II) (w.e.f. Nov 2015) (CBCS Pattern-2015)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 ½ hours out of this slot)</i>
Monday 05/10/2020	181	VI	Microwave Devices and Circuits (70771201)
Tuesday06/10/20 20	182	VII	High Speed Digital Design(70771202)
Wednesday 07/10/2020	183	VIII	Advanced Embedded Systems (70771203)
Thursday 08/10/2020	184	IX	Cryptography & Network Security(70771204)
Friday 09/10/2020	185 186 187	X	Elective-II 1.Artificial Neural Network(70771205) 2. Wavelet Transform & Applications(70771206) 3. Wireless Sensor Network & Optimization(70771207)

[10] Electronics & Telecommunication Engineering - (Digital Elect. & Comm. System)

ME - Electronics & Telecom Engg –(Digital Electronics & Communication System Sem-II) (CGPA Pattern w.e.f. Nov 2013) (Old)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. (only 1 ½ hours out of this slot)
Monday 05/10/2020	188 189 190	X	Elective-II 1. Image & Video Processing & broadcasting (92355) 2. Cryptography & Network Security (92356) 3. Antenna Theory & Design (92357)
Tuesday 06/10/20 20	191	IX	Wireless & Mobile Networks (92354)

ME - Electronics & Telecom Engg – (Digital Electronics & Communication System Sem-III) (w.e.f. June 2016)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. (only 1 ½ hours out of this slot)
Monday 12/10/2020	192 193 194	I	Self Learning Subject 1] Internet of Things (70772101) 2] Intellectual Property (70772102) 3] Modeling & Simulation of Communication System(70772103)

[11] Electrical Engineering

ME (Electrical Engineering Sem-I) (w.e.f. June 2015) (CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. (only 1 ½ hours out of this slot)
Monday 05/10/2020	195	I	Power Electronics (707131101)
Tuesday 06/10/2020	196	II	Power System Dynamics & Control (707131102)
Wednesday 07/10/2020	197	III	D.C. Drives (707131103)
Thursday 08/10/2020	198	IV	Control Engineering (707131104)
Friday 09/10/2020	199 200 201	V	Elective –I 1. Extra High Voltage Transmission Systems (707131105) 2. Renewable Energy Sources (707131106) 3. Electric Traction (707131107)

ME (Electrical Engineering Sem-II) (w.e.f. Nov 2015) (CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. (only 1 ½ hours out of this slot)
Monday 05/10/2020	202	VI	Power Electronics Applications to Power System (707131201)
Tuesday 06/10/2020	203	VII	Power Quality (707131202)
Wednesday 07/10/2020	204	VIII	A.C. Drives (707131203)
Thursday 08/10/2020	205	IX	Advanced Control Engineering (707131204)
Friday 09/10/2020	206 207 208	X	Elective –II 1. Advanced Power System Protection(707131205) 2. Analysis & Design of Switched Mode Converters (707131206) 3. High Voltage DC Transmission(707131207)

ME (Electrical Engineering Sem-III) (w.e.f. June 2016)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. (only 1 ½ hours out of this slot)
Monday 12/10/2020	209	I	Self Learning Subject 1] Smart Grid(707132101)

[12] Mechanical - Manufacturing Engineering

ME (Mechanical - Manufacturing Engineering Sem - I) (w.e.f. June 2015) (CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 ½ hours out of this slot)</i>
Monday 05/10/2020	210	I	Material Removal Processes(70751101)
Tuesday 06/10/2020	211	II	CNC and Adaptive Control(70751102)
Wednesday 07/10/2020	212	III	Advanced Joining Technology(70751103)
Thursday 08/10/2020	213 214 215 216 217 218 219	IV	Elective - I 1. Casting and Molding Technology(70751104) 2. Machine Tool Design(70751105) 3. Sheet Metal Engineering(70751106) 4. Plastic Processing Technology(70751107) 5. Advanced Tool Design(70751108) 6. Treatment of Material(70751109) 7. Processing of Advanced Materials(70751110)
Friday 09/10/2020	220 221 222 223 224 225	V	Elective - II 1. Management Information Systems (70751112) 2. Technology and Knowledge Management(70751113) 3. Manufacturing Planning and Control (70751114) 4. Concurrent Engineering(70751115) 5. Numerical Methods and Computational Techniques(70751116) 6. Hydraulic, Pneumatic and Fluidic Control(70751117)

ME (Mechanical - Manufacturing Engineering Sem – II) (CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. <i>(only 1 ½ hours out of this slot)</i>
Monday 05/10/2020	226	VI	Metal Forming Processes(70751201)
Tuesday 06/10/2020	227	VII	Finite Element Method(70751202)
Wednesday 07/10/2020	228 229 230 231 232 233 234	VIII	Elective– III 1. Manufacturing Automation(70751204) 2. Agile Manufacturing (70751205) 3. Sensors for Intelligent Manufacturing and Condition Monitoring (70751206) 4. Knowledge Based Systems in Manufacturing (70751207) 5. World Class Manufacturing(70751208) 6. Robotics (70751209) 7. Flexible Manufacturing System(70751210)
Thursday 08/10/2020	235 236 237 238 239 240	IX	Elective– IV 1. Design of Experiments(70751211) 2. Quality Control and Reliability(70751212) 3. Total Productive Maintenance(70751213) 4. Metrology and Computer Aided Inspection(70751214) 5. Maintenance Management(70751215) 6. Mechatronics(70751216)

ME –(Biomedical Engineering Sem-III) (w.e.f. June 2016)			
Day & Date	Sr. No.	Paper No.	Time & Subject
			11:30 a.m. to 04:30 p.m. (only 1 ½ hours out of this slot)
Monday 12/10/2020	241 242	I	Self Learning Subject 1] Computer Networking in Medicine 2] Telemedicine

Note:

1. If there is any change in the Program of the examination, the university is not responsible for loss or inconvenience caused to the candidates.
2. Cellular phone, Pager, Digital Diary or any other means, which can be used for unfair practices, is not allowed in Examination Hall.

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Date :28/09/2020

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