

PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

EXAM OF 2020 SEMESTER PATTERN EXAMINATION

FINAL PROGRAM OF THE MASTER OF ENGINEERING - M.E.

(ALL BRANCHES) SEMESTER - I TO III OCT/NOV. 2020 EXAMINATION TO BE HELD IN MAY-2021

- 1. We will conduct the semester I & II exam for the students.
- 2. The Time for the exam is one hour (1 hrs) only.
- 3. The theory examination will be conducted online mode which will be held at home/ designated places.
- 4. All the student are here by informed that the time slot given in the time table shows2 hrs for each day. But you will get 1 hrs to solve the paper. If any student has twopaper in one day that time he will be solving two papers within 2 hours.

	ME (Civil – Structures Sem-I) (*w.e.f. June 2015) * (CBCS Pattern-2015)/(CGPA Pattern-2013)				
Day & Date	Sr. No.	Paper	Time & Subject Time: 10:00 a.m. to 12:00 p.m.		
		No.	(only 1 hours out of this slot)		
Monday 17/05/2021	1	I	Theory of Elasticity & Plasticity (707101101)		
Tuesday 18/05/2021	2	11	Mechanics of Structures (707101102)		
Wednesday	3	III	Advanced Design of Concrete		
19/05/2021	5	111	Structures (707101103)		
Thursday 20/05/2021	4	IV	Dynamics of Structures (707101104)		
Friday			Elective - I		
21/05/2021	5	v	1. Design of Foundation (707101105)		
	6		2. Advances in Concrete Composites (707101106)		
	7		3. Structural Optimization (707101107)		

[1] <u>Civil – (Structures Engineering)</u>

M	ME (Civil – Structures Engg. Sem-II) (w.e.f. Nov 2015) (CBCS Pattern-2015)/(CGPA Pattern-2013)				
	Sr.		Time & Subject		
Day & Date	No.	Paper No.	Time: 03:00 p.m. to 05:00 p.m (only 1 hours out of this slot)		
Sunday 09/05/2021	8	VI	Theory of Plates & Shells (707101201)		
Monday 10/05/2021	9	VII	Finite Element Method (707101202)		
Tuesday 11/05/2021	10	VIII	Earthquake Engineering (707101203)		
Wednesday 12/05/2021	11	іх	Advanced Design of Steel Structures (707101204)		
Saturday			Elective– II		
15/05/2021	12		1. Stability of Structures (707101205)		
	13	Х	2. Design of R.C.C. Bridges (707101206)		
	14		3. Structural reliability (707101207)		
	15		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 Time: 10:00 a.m. to 12:00 p.m. (only 1 hours out of this slot)		
Monday 17/05/2021	16	I	Computational Techniques in Design Engg. (70721101)		
Tuesday 18/05/2021	17	II	Machine Dynamics (70721102)		
Wednesday 19/05/2021	18	ш	Solid Mechanics (70721103)		
Thursday 20/05/2021	19	IV	Design of Experiment and Research Methodology (70721104)		
Friday 21/05/2021	20 21 22	v	 <u>Elective-I</u> 1. Synthesis & Analysis of Mechanisms & Machines (70721105) 2. Industrial Instrumentation (70721106) 3. Reliability Engineering (70721107) 4. Machanical System Design (70721108) 		
	23		4. Mechanical System Design (70721108)		

	ME (Mechanical – Design Engg. Sem-II) (w.e.f. Nov 2015) (CBCS Pattern-2015)/(CGPA Pattern-2013)				
	Sr.		Time & Subject		
Day & Date	No.	Paper No.	Time: 03:00 p.m. to 05:00 p.m (only 1 hours out of this slot)		
Sunday 09/05/2021	24	VI	Advanced Design Engineering (70721201)		
Monday 10/05/2021	25	VII	Finite Element Analysis (70721202)		
Tuesday 11/05/2021	26	VIII	Experimental Stress Analysis (70721203)		
Wednesday 12/05/2021	27	іх	Industrial Product Design (70721204)		
Saturday			Elective-II		
15/05/2021	28		1. Industrial Tribology (70721205)		
	29	Х	2. Engineering Fracture Mechanics (70721206)		
	30		3. Theory and Analysis of Composite Materials (70721207)		
	31		4. Engineering Design Optimization (70721208)		

[3] Electronics Engineering

	ME (Electronics Engg. Sem-I) (w.e.f. June 2015)					
	(CBCS Pattern-2015)/(CGPA Pattern-2013)					
	Sr.	Paper	Time & Subject			
Day & Date	No.	No.	Time: 10:00 a.m. to 12:00 p.m. (only 1 hours out of this slot)			
Monday 17/05/2021	32	I	CMOS VLSI Design (70781101)			
Tuesday 18/05/2021	33	П	Advanced Digital Signal Processing (70781102)			
Wednesday 19/05/2021	34	111	Advanced Network Engineering (70781103)			
Thursday 20/05/2021	35	IV	Random Signal & Processes (70781104)			
Friday			Elective-I			
21/05/2021	36		1. Design of Wireless System (70781105)			
			OR			
	37	v	2. Wireless Sensor Networks (70781106)			
	38		3. Advanced Digital System Design (70781107)			
	39		4. Image and Video Processing (70781108)			
	40		5. Neural Networks & Fuzzy Control Systems (70781109)			

	ME (Electronics Engg.Sem-II) (w.e.f. Nov 2015)				
	Sr.		ttern-2015)/(CGPA Pattern-2013) Time & Subject		
Day & Date	No.	Paper No.	Time: 03:00 p.m. to 05:00 p.m (only 1 hours out of this slot)		
Sunday 09/05/2021	41	VI	Research Methodology (70781201)		
Monday 10/05/2021	42	VII	Embedded System Design (70781202)		
Tuesday 11/05/2021	43	VIII	Peripheral System Design & Interfacing (70781203)		
Wednesday 12/05/2021	44	іх	Advanced Control Systems (70781204)		
Saturday			Elective- II		
15/05/2021	45		1. Mobile Technology (70781205)		
	46	X	2. Real Time Systems (70781206)		
	47		3. VLSI in Signal Processing (70781207)		
	48		4. PLC, SCADA and Distributed Control System (70781208)		

[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 Time: 10:00 a.m. to 12:00 p.m. (only 1 hours out of this slot)		
Monday 17/05/2021	53	I	Theory of Computation (70791101)		
Tuesday 18/05/2021	54	11	Advanced Operating Systems (70791102)		
Wednesday 19/05/2021	55	ш	Analysis of Algorithms (70791103)		
Thursday 20/05/2021	56	IV	Research Methodology (70791104)		
Friday 21/05/2021	57 58 59 60	v	 Elective-I 1. Data Mining (70791105) 2. Mobile Computing (70791106) 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)					
	Sr.	Paper	Time & Subject			
Day & Date	No.	No.	Time: 03:00 p.m. to 05:00 p.m (only 1 hours out of this slot)			
Sunday 09/05/2021	61	VI	Internet Routing Algorithm (70791201)			
Monday 10/05/2021	62	VII	Advanced Database Concepts (70791202)			
Tuesday 11/05/2021	63	VIII	Parallel Computer Architectures (70791203)			
Wednesday			Elective- II			
12/05/2021	64		1. Grid Computing (70791204)			
	65	IX	2. Real Time Operating System (70791205)			
	66		3. Natural Language Processing (70791206)			
	67		4. Infrastructure Management (70791207)			
Saturday			Elective-III			
15/05/2021	68		1. Web Technology (70791208)			
	69	x	2. Business Intelligent System (70791209)			
	70	^	3. Object Oriented Software Engineering and Design Patterns			
			(70791210)			
	71		4. Wireless Ad-hoc Network (70791211)			

[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 Time: 10:00 a.m. to 12:00 p.m.		
		110.	(only 1 hours out of this slot)		
Monday 17/05/2021	75	I	Research Methodology (70761101)		
Tuesday 18/05/2021	76	П	Antenna Theory and Design (70761102)		
Wednesday 19/05/2021	77	111	Probability & Stochastic Processes (70761103)		
Thursday 20/05/2021	78	IV	Advanced Network Systems (70761104)		
Friday			Elective-I		
21/05/2021	79	v	1. Optical Networks (70761105)		
	80		2. Speech & Video Processing (70761106)		
	81		3. Advanced VLSI Design (70761107)		

<u>1</u>	ME (Electronics & Telecommunication Engg. Sem-I) (Old)				
	(CGPA Pattern 2013)				
	Sr.	Paper	Time & Subject		
Day & Date	No.	No.	Time: 10:00 a.m. to 12:00 p.m. (only 1 hours out of this slot)		
Monday 17/05/2021	82	I	Advanced Light Wave Communication (91860)		
Tuesday 18/05/2021	83	II	Linear Algebra & Error Control Techniques (91861)		

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	ME (Electronics & Telecommunication Engg. Sem-II)				
	1	(CBCS	Pattern-2015) (w.e.f. Nov 2015)		
	Sr.	Paper	Time & Subject		
Day & Date	No.	No.	Time: 03:00 p.m. to 05:00 p.m (only 1 hours out of this slot)		
Sunday 09/05/2021	84	VI	RF & Microwave Circuit Design (70761201)		
Monday 10/05/2021	85	VII	Advanced Signal Processing (70761202)		
Tuesday 11/05/2021	86	VIII	Wireless Communication (70761203)		
Wednesday 12/05/2021	87	іх	Cryptography & Network Security (70761204)		
Saturday			Elective-II		
15/05/2021	88	x	1. Wireless Sensor Network & Optimization (70761205)		
	89	X	2. Wavelet Transform & Applications (70761206)		
	90		3. Advanced Embedded Systems (70761207)		

[5] Electronics & Telecommunication Engineering

	ME (Electronics & Telecommunication Engg. Sem-II)						
	(CGPA Pattern w.e.f. Nov 2013) (Old)						
	Sr.	Paper	Time & Subject				
Day & Date	No.	No.	Time: 03:00 p.m. to 05:00 p.m				
		NO.	(only 1 hours out of this slot)				
Sunday			Elective- II				
09/05/2021	91	IX	1. Multi Rate Systems & Filter Banks (92174)				
	92		Cryptography & Network Security (92175)				
	93		3. Speech & Audio Processing (92176)				
Monday			Elective-III				
10/05/2021	94		1. Mobile Computing (92177)				
	95	Х	2. Stochastic Models & Queuing Theory (92178)				
	96		3. Communication System Design (92179)				
	97		4. Optical Networks (92180)				

[6] Mechanical – (CAD/CAM Engineering)

	ME Mechanical – (CAD/CAM Engg. Sem-I) (w.e.f. June 2015)				
	(CBCS Pattern-2015)/(CGPA Pattern-2013)				
	Sr.	Paper	Time & Subject		
Day & Date	No.	No.	Time: 10:00 a.m. to 12:00 p.m. (only 1 hours out of this slot)		
Monday 17/05/2021	101	I	Advanced Machine Design (707111101)		
Tuesday 18/05/2021	102	П	Computer Aided Manufacturing (707111102)		
Wednesday 19/05/2021	103	ш	Finite Element Analysis (707111103)		
Thursday 20/05/2021	104	IV	Design of Experiments & Research Methodology (707111104)		
Friday			Elective- I		
21/05/2021	105		1. Mechatronic System Design (707111105)		
	106		2. Technology Management (707111106)		
	107	v	3. Tribology and Surface Engineering (707111107)		
	108		4. MEMS and Nano Technology (707111108)		
	109		5. Design and Development CAD/CAM/CAE software		
			(707111109)		
	110		6. Advanced Material and Processing (707111110)		

	ME Mechanical – (CAD/CAM Engg. Sem-II) (w.e.f. Nov 2015)				
	(CBCS Pattern-2015)/(CGPA Pattern-2013)				
	Sr.	Paper	Time & Subject		
Day & Date	No.	No.	Time: 03:00 p.m. to 05:00 p.m (only 1 hours out of this slot)		
Sunday 09/05/2021	111	VI	Manufacturing System Design (707111201)		
Monday 10/05/2021	112	VII	Product Life Cycle Management (707111202)		
Tuesday 11/05/2021	113	VIII	Industrial Automation and Robotics (707111203)		
Wednesday 12/05/2021	114	іх	Optimization Techniques (707111204)		
Saturday			Elective-II		
15/05/2021	115		1. Computation Fluid Dynamics (707111205)		
	116		2. Quality and Reliability Engineering (707111206)		
	117	x	3. System Dynamics and Simulations (707111207)		
	118		4. Artificial Intelligence (707111208)		
	119		5. Automatic Control Engineering (707111209)		
	120		6. CAD/CAM/CAE Practices in Metal Forming (707111210)		
	121		7. Rapid Manufacturing (707111211)		

	ME	(Mecha	nical Engg. Sem-I) (w.e.f. June 2015)
		(CBCS Pa	attern-2015)/(CGPA Pattern-2013)
	Sr.	Paper	Time & Subject
Day & Date	No.	No.	Time: 10:00 a.m. to 12:00 p.m. (only 1 hours out of this slot)
Monday	122		Computational Techniques in Design
17/05/2021	122	I	Engineering (70711101)
Tuesday	123	п	Industrial Instrumentation (70711102)
18/05/2021	125		
Wednesday	124	ш	Solid Mechanics (70711103)
19/05/2021	127		
Thursday	125	IV	Design of Experiment and Research
20/05/2021	125		Methodology (70711104)
Friday			Elective-I
21/05/2021	126		1. Reverse Engineering (70711105)
	127		2. Engineering Design Optimization (70711106)
	128	v	3. Reliability Engineering (70711107)
	129		4. FEM (70711108)
	130		5. Synthesis & Analysis of Mechanisms & Machines
			(70711109)

	ME (Mechanical Engg. Sem-II) (w.e.f. Nov 2015)				
		(CBCS Pa	ttern-2015)/(CGPA Pattern-2013)		
	Sr.	Paper	Time & Subject		
Day & Date	No.	No.	Time: 03:00 p.m. to 05:00 p.m		
		140.	(only 1 hours out of this slot)		
Sunday	131	VI	Design Engineering (70711201)		
09/05/2021	131	VI	Design Engineering (70711201)		
Monday	132	VII	Theory & Analysis of Composite		
10/05/2021	152	VII	Materials (70711202)		
Tuesday	133	VIII	Machatronics System Dasign (70711202)		
11/05/2021	122	VIII	Mechatronics System Design (70711203)		
Wednesday	134	іх	Industrial Broduct Docign (70711204)		
12/05/2021	154	I N	Industrial Product Design (70711204)		
Saturday			Elective-II		
15/05/2021	135		1. Process Equipment Design (70711205)		
	136	x	2. Material Handling Equipment Design (70711206)		
	137	X	3. Machine Tool Design (70711207)		
	138		4. Robotics (70711208)		
	139		5. Tribology & Surface Engineering (70711209)		

ME M	<u> ME Mechanical – (Manufacturing Process Engg. Sem-I) (w.e.f. June 2015)</u>				
	(CBCS Pattern-2015)/(CGPA Pattern-2013)				
	Sr.	Paper	Time & Subject		
Day & Date	No.	No.	Time: 10:00 a.m. to 12:00 p.m. (only 1 hours out of this slot)		
Monday 17/05/2021	140	I	Advanced Manufacturing techniques- I (70741101)		
Tuesday 18/05/2021	141	П	Electro Physical Processes (70741102)		
Wednesday 19/05/2021	142	ш	Computer Aided Manufacturing (70741103)		
Thursday 20/05/2021	143	IV	Reliability & Terotechnology (70741104)		
Friday			Elective – I		
21/05/2021	144		1. Composite Materials (70741105)		
	145	v	2. Design For Manufacturing (70741106)		
	146		3. Management of Technology (70741107)		
	147		4. Database Management System (70741108)		

[8] Mechanical – (Manufacturing Process Engineering)

ME (Me	echanic	al – Man	ufacturing Process Engg. Sem-II) (w.e.f. Nov 2015)
		(CBCS P	attern-2015)/(CGPA Pattern-2013)
	Sr.	Paper	Time & Subject
Day & Date	No.	No.	Time: 03:00 p.m. to 05:00 p.m (only 1 hours out of this slot)
Sunday 09/05/2021	148	VI	Advanced Manufacturing Techniques – II (70741201)
Monday 10/05/2021	149	VII	Robotics & Robot Applications (70741202)
Tuesday 11/05/2021	150	VIII	Manufacturing Process Modeling (70741203)
Wednesday 12/05/2021	151	іх	Machine Tool Engineering (70741204)
Saturday			Elective – II
15/05/2021	152		1. Total Quality Control (70741205)
	153	Х	2. Finite Element Methods (70741206)
	154		3. Tribology (70741207)
	155		4. Computational Techniques (70741208)

[9] Mechanical – (Thermal Engineering)

N	ME (Mechanical – Thermal Engineering Sem-I) (w.e.f. June 2015)					
	(CBCS Pattern-2015)/(CGPA Pattern-2013)					
	Sr.	Paper	Time & Subject			
Day & Date	No.	No.	Time: 10:00 a.m. to 12:00 p.m. (only 1 hours out of this slot)			
Monday 17/05/2021	156	I	Advanced Fluid Mechanics & CFD (70731101)			
Tuesday 18/05/2021	157	11	Measurement in Thermal Systems (70731102)			
Wednesday 19/05/2021	158	111	Advance Heat & Mass Transfer (70731103)			
Thursday	159	IV	Design of Experiments & Research			
20/05/2021	129	IV	Methodology (70731104)			
Friday			<u>Elective – I</u>			
21/05/2021	160		1. Advanced Thermodynamics (70731105)			
	161	v	2. Turbo machines (70731106)			
	162		3. Combustion (70731107)			
	163		4. Steam & Gas Turbines (70731108)			

M	ME (Mechanical – Thermal Engineering Sem-II) (w.e.f. Nov 2015)				
	(CBCS Pattern-2015)/(CGPA Pattern-2013)				
	Sr.	Paper	Time & Subject		
Day & Date	No.	No.	Time: 03:00 p.m. to 05:00 p.m		
			(only 1 hours out of this slot)		
Sunday	164	VI	Design of Thermal Systems (70731201)		
09/05/2021	104	VI			
Monday	165	VII	Computational Techniques in Thermal		
10/05/2021	105	VII	Engineering (70731202)		
Tuesday	166	VIII	Theory & Design of I.C. Engines (70731203)		
11/05/2021	100	VIII	Theory & Design of I.C. Eligines (70731203)		
Wednesday	167	іх	Design of Refrigeration & Air		
12/05/2021	101		Conditioning System (70731204)		
Saturday			Elective-II		
15/05/2021	168		1. Power Plant Engineering (70731205)		
	169	Х	2. Energy Analysis & Management (70731206)		
	170		3. Rocket Technology (70731207)		
	171		4. Cryogenics & Vacuum Technology (70731208)		

<u>ME - Ele</u>	<u>ME - Electronics & Telecom Engg – (Digital Electronics & Communication System Sem-I)</u>					
	6		(w.e.f. June 2015) (CBCS Pattern-2015) Time & Subject			
Day & Date	Sr. No.	Paper No.	Time: 10:00 a.m. to 12:00 p.m. (only 1 hours out of this slot)			
Monday 17/05/2021	172	I	Research Methodology (70771101)			
Tuesday 18/05/2021	173	П	Communication Networks (70771102)			
Wednesday 19/05/2021	174	111	CMOS VLSI Design (70771103)			
Thursday 20/05/2021	175	IV	Modern Digital Signal Processing (70771104)			
Friday			Elective-I			
21/05/2021	176	v	1. Color Image and Video Processing (70771105)			
	177		2. Fuzzy Logic (70771106)			
	178		3. Speech Processing (70771107)			

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

ME (Ele	ME (Electronics & Telecom Engg - Digital Electronics & Communication System Sem-I)				
			(CGPA Pattern June 2013) (Old)		
	Sr.	Paper	Time & Subject		
Day & Date	No.	No.	Time: 10:00 a.m. to 12:00 p.m. (only 1 hours out of this slot)		
Monday 17/05/2021	179	IV	Probability & Random Process (91474)		
Tuesday 18/05/2021	180		Elective-I Optical Communication Networks (91495)		

<u>ME - Ele</u>	ME - Electronics & Telecom Engg – (Digital Electronics & Communication System Sem-II)				
	-		(w.e.f. Nov 2015) (CBCS Pattern-2015)		
	Sr.	Paper	Time & Subject		
Day & Date	No.	No.	Time: 03:00 p.m. to 05:00 p.m		
	NO.	NO.	(only 1 hours out of this slot)		
Sunday 09/05/2021	181	VI	Microwave Devices and Circuits (70771201)		
Monday 10/05/2021	182	VII	High Speed Digital Design (70771202)		
Tuesday 11/05/2021	183	VIII	Advanced Embedded Systems (70771203)		
Wednesday 12/05/2021	184	іх	Cryptography & Network Security (70771204)		
Saturday			Elective-II		
15/05/2021	185	v	1. Artificial Neural Network (70771205)		
	186	Х	2. Wavelet Transform & Applications (70771206)		
	187		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)	
	Sr.	Paper	Time & Subject	
Day & Date	No.	No.	Time: 03:00 p.m. to 05:00 p.m	
	INU.	INO.	(only 1 hours out of this slot)	
Sunday			Elective-II	
09/05/2021	188	x	1. Image & Video Processing & broadcasting (92355)	
	189		2. Cryptography & Network Security (92356)	
	190		3. Antenna Theory & Design (92357)	
Monday 10/05/2021	191	іх	Wireless & Mobile Networks (92354)	

ME - Electronics & Telecom Engg – (Digital Electronics & Communication System Sem-III)			
(w.e.f. June 2016)			
	Sr.	Paper	Time & Subject
Day & Date	No.	No.	Time: 10:00 a.m. to 12:00 p.m.
		140.	(only 1 hours out of this slot)
Sunday			Self Learning Subject
09/05/2021	192		1] Internet of Things (70772101)
	193	I	2] Intellectual Property (70772102)
	194		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)			
	C.r.		Time & Subject
Day & Date	Sr. No.	Paper No.	Time: 10:00 a.m. to 12:00 p.m. (only 1 hours out of this slot)
Monday 17/05/2021	195	I	Power Electronics (707131101)
Tuesday 18/05/2021	196	П	Power System Dynamics & Control (707131102)
Wednesday 19/05/2021	197		D.C. Drives (707131103)
Thursday 20/05/2021	198	IV	Control Engineering (707131104)
Friday 21/05/2021	199 200 201	v	 <u>Elective –I</u> 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.	Paper No.	Time & Subject		
	No.		Time: 03:00 p.m. to 05:00 p.m		
			(only 1 hours out of this slot)		
Sunday	202	VI	Power Electronics Applications to		
09/05/2021	202		Power System (707131201)		
Monday	203	VII	Dower Quality (707121202)		
10/05/2021	205	VII	Power Quality (707131202)		
Tuesday	204	VIII	$A \in Drives(707121202)$		
11/05/2021	204	VIII	A.C. Drives (707131203)		
Wednesday	205	IX	Advanced Control Engineering (707131204)		
12/05/2021	205				
Saturday			Elective –II		
15/05/2021	206		1. Advanced Power System Protection (707131205)		
	207	Х	2. Analysis & Design of Switched Mode Converters		
			(707131206)		
	208		3. High Voltage DC Transmission (707131207)		

[12] Mechanical - Manufacturing Engineering

ME (Mechanical - Manufacturing Engineering Sem - I) (w.e.f. June 2015)				
	(CBCS Pattern-2015)/(CGPA Pattern-2013)			
	Sr.	Paper	Time & Subject	
Day & Date	No.	No.	Time: 10:00 a.m. to 12:00 p.m.	
			(only 1 hours out of this slot)	
Monday	210	I	Material Removal Processes (70751101)	
17/05/2021				
Tuesday 18/05/2021	211	II	CNC and Adaptive Control (70751102)	
Wednesday	212		Advanced Joining Technology (70751103)	
19/05/2021	212	•••		
Thursday			Elective - I	
20/05/2021	213		1. Casting and Molding Technology (70751104)	
	214		2. Machine Tool Design (70751105)	
	215	IV	3. Sheet Metal Engineering (70751106)	
	216		4. Plastic Processing Technology (70751107)	
	217		5. Advanced Tool Design (70751108)	
	218		6. Treatment of Material (70751109)	
	219		7. Processing of Advanced Materials (70751110)	
Friday			Elective - II	
21/05/2021	220		1. Management Information Systems (70751112)	
	221		2. Technology and Knowledge Management (70751113)	
	222	V	3. Manufacturing Planning and Control (70751114)	
	223		4. Concurrent Engineering (70751115)	
	224		5. Numerical Methods and Computational Techniques (70751116)	
	225		6. Hydraulic, Pneumatic and Fluidic Control (70751117)	

<u> ME (Mechanical - Manufacturing Engineering Sem – II)</u>				
	(CBCS Pattern-2015)/(CGPA Pattern-2013)			
Day & Date	Sr. No.	Paper No.	Time & Subject	
			Time: 03:00 p.m. to 05:00 p.m	
			(only 1 hours out of this slot)	
Sunday	226	VI	Metal Forming Processes (70751201)	
09/05/2021	220	VI	Metal Forming Frocesses (70751201)	
Monday	227	VII	Finite Element Method (70751202)	
10/05/2021	227	VII	Finite Element Method (70751202)	
Tuesday			<u>Elective– III</u>	
11/05/2021	228		1. Manufacturing Automation (70751204)	
	229		2. Agile Manufacturing (70751205)	
	230		3. Sensors for Intelligent Manufacturing and Condition	
		VIII	Monitoring (70751206)	
	231		4. Knowledge Based Systems in Manufacturing (70751207)	
	232		5. World Class Manufacturing (70751208)	
	233		6. Robotics (70751209)	
	234		7. Flexible Manufacturing System (70751210)	
Wednesday			Elective- IV	
12/05/2021	235		1. Design of Experiments (70751211)	
	236		2. Quality Control and Reliability (70751212)	
	237	IX	3. Total Productive Maintenance (70751213)	
	238		4. Metrology and Computer Aided Inspection (70751214)	
	239		5. Maintenance Management (70751215)	
	240		6. Mechatronics (70751216)	

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Date : 26/04/2021

Sd/-

I/C Director Board of Examinations and Evaluation