



<b>Th</b>  <b>25/07/2019</b>	Gr-1 PCC-CS393 SK1 / DS			
	AC402 Introduction to python To write, test, and debug simple Python programs. To implement Python programs with conditionals and loops. Use functions for structuring Python programs. Represent compound data using Python lists, tuples, and dictionaries. Read and write data from/to files in Python			
	Gr-2 PCC-CS392 RS / SN1			
	AC409 Introduction to basic gates and multiplexer.			
<b>Fr</b>  <b>26/07/2019</b>	TPO-APTD  AD-SH	AC414  BSC 301  AD	AC414 HSMC-301 PM	

gates (Inverters), 7408 Quad 2 input AND gates , 7432 Quad 2 input OR gates, 7486 Quad 2 input XOR gates , 747266 Quad 2 input XNOR gates, 74133 Single 13 input NAND gate Realization of NOT, AND, OR, NOR gates using NAND and NOR logic gates. Realization of EX-OR gate using AND-OR-NOT and NAND logic gate. Realize the logic expression using basic gates. $F_1 = x' y' z + x' y z + x y'$ Realize and demonstrate the non-associativity of the NOR operator using NOR gate- $(x \downarrow y) \downarrow z \neq x(y \downarrow z)$			
AC414  PCC-CS302  BKD Von-Neuman Architecture and Harvard Architecture	AC414  PCC-CS301  SD Algorithm and Program analysis (order notation)	AC414 HSMC-301 MR	AC414  ESC-301  TS Tutorial – Discussion on Boolean Algebra and its application and Introduction to combinational circuit
AC414  PCC-CS301  SD Array- Insertion Deletion(one-D)	AC414  ESC-301  TH	MOOCS SS  AC503 Overall View on MOOCS  TC / NR	

# CSE 2nd Year Sec B

	1 9:50 - 10:40	2 10:40 - 11:30	3 11:30 - 12:20	4 12:20 - 13:10	Lunch 13:10 - 13:50	5 13:50 - 14:40	6 14:40 - 15:30	7 15:30 - 16:20	8 16:20 - 17:10			
Mo	Gr-1 PCC-CS391				Break	MNTR	AC402	PCC-CS302 BKD	BSC 301 AD			
	AC404	SK1 / DS		PCC-CS301 SK1								
Gr-2 PCC-CS393				Gr-1								
AC402	BKD / SN1			PCC-CS393					BKD / JM1			
Tu	BSC 301 AD	HSMC-301 MR Introduction	PCC-CS302 JI Concept of basic components of a digital computer , Basic organization and properties of stored program computers	ESC-301 TH		Gr-2						
23/07/2019						PCC-CS391						
				AC404 Implementation of an Array.								
We	Gr-1 ESC-391					Gr-1						
24/07/2019	AC306	MG / JM1 / AD1 / MC		AC402 PCC-CS301 Elementary Data Organization					BSC 301 AD	HSMC-301 PM / MR Events and Transactions	ESC-301 MG Tutorial on Number System(number conversion)	
				Gr-2 PCC-CS392								
				AC409								
				JI / DS								

	Design of a full Adder Circuit. Familiarity with IC-chips, e.g. a) Multiplexer , b) Decoder, c) Encoder b) Comparator Truth Table verification and clarification from Data-book.		
Th  25/07/2019	ESC-301  MG 1's Complement , 2's Complement and problem solving	MOOCS SS  AC503  Overall View on MOOCS	HSMC-301  RSM / NR  C & P Analysis  PM
Fr  26/07/2019	TPO-APTD	ESC-301  BKD Introduction to combinational circuit	BSC 301  AD

Gr-1			
PCC-CS392			
AC409			JI / DS
Design of a full Adder Circuit. Familiarity with IC-chips, e.g. a) Multiplexer , b) Decoder, c) Encoder b) Comparator Truth Table verification and clarification from Data-book..			
Gr-2			
ESC-391			
AC306			MG / JM1 / BD / NM
Realization of Logic Gates 7400 Quad 2 input NAND gates, 7402 Quad 2 input NOR gates ,7404 Hex NOT gates (Inverters), 7408 Quad 2 input AND gates , 7432 Quad 2 input OR gates,7486 Quad 2 input XOR gates ,747266 Quad 2 input XNOR gates, 74133 Single 13 input NAND gate Realization of NOT, AND, OR, NOR gates using NAND and NOR logic gates. Realization of EX-OR gate using AND-OR-NOT and NAND logic gate. Realize the logic expression using basic gates. $F_1 = x^1 y^1 z + x^1 yz + xy^1$ Realize and demonstrate the non-associativity of the NOR operator using NOR gate- $(x \downarrow y) \downarrow z \neq x(y \downarrow z)$			
AC402		AC402	
PCC-CS301	LIB	PCC-CS301	PCC-CS302
SK1	LIB	SK1	JI
Analysis of Algorithm and data structure operations.		Introduction to asymptotic notation	Tutorial – Problem discussion

# CSE 3rd Year

	1 9:50 - 10:40	2 10:40 - 11:30	3 11:30 - 12:20	4 12:20 - 13:10	Lunch 13:10 - 13:50	5 13:50 - 14:40	6 14:40 - 15:30	7 15:30 - 16:20	8 16:20 - 17:10	
Mo	CS503  TS	CS503  TS	CS502  SD	HU501  PM	Break	MNTR	HU501  MR	CS501  JI	CS501  JI	
Tu  23/07/2019	HU501  PM Introduction	CS502  BKD Introduction to 8085 Microprocessor- Address Bus Data Bus Control Bus	PYTHON			PYTHON	CS501  JI Time Complexity analysis of binary search algorithm	CS504D  DM Concept of OOPs class, object	CS504D  DM Concept of OOPs class, contd...	
We  24/07/2019	CS504D  DM Advantages and disadvantages of OOPs, Difference between OOPs and Conventional Programming Language	Gr-1 CS592 AC315 Introduction to 8085 Kit and Basic problems <b>SD / MP / JK / NTA1</b>		Gr-2 CS594D AC403 JAVA Class Path set and first JAVA Program- HELLO World <b>DM / NTA3</b>		HU501  MR Events and Transctions	CS503  BKD Introduction to proposition logics and its application – implication, bidirection , negation.	CS502  SD 8085 Microprocessor- Architecture and block diagram	CS502  SD 8085 Microprocessor- Architecture and block diagram Contd..	
Th  25/07/2019	CS501  BKD Criteria of an algorithm	CS503  TS Counting Techniques- The inclusion – exclusion problems	CS504D  DM Class, Object , Featues of OOP	CS504D  DM Byte code, JVM , JAVA Byte Code		CS502  SD PIN Diagram and signal description- of 8085 Microprocessor	Gr-1 CS594D AC403 JAVA Class Path set and first JAVA Program- HELLO World <b>DM / NTA3</b>			
							Gr-2 CS592 AC404 Introduction to 8085 Kit and Basic problems <b>BKD / JK / NTA1</b>			

Fr  26/07/2019	CS501  BKD Time complexity analysis of recursive function using Master's Theorem	CS591 AC404 Implementation of Binary Search using Divide and Conqueror Approach	Gr-1  <b>Jl</b>	CS503  TS Counting Techniques- The Pigeon Hole Principle and Generalized Pigeon Hole Principle.	CS593 AC403 Basic Concept of OOPs and introduction to Basic C++ problem	Gr-1  <b>SD / SN1</b>
		CS593 AC315 Basic Concept of OOPs and introduction to Basic C++ problem	Gr-2  <b>SD / SN1</b>		CS591 AC404 Implementation of Binary Search using Divide and Conqueror Approach	Gr-2  <b>BKD / DS</b>

# ECE 2nd Year

AC320A

	1 9:50 - 10:40	2 10:40 - 11:30	3 11:30 - 12:20	4 12:20 - 13:10	Lunch 13:10 - 13:50	5 13:50 - 14:40	6 14:40 - 15:30	7 15:30 - 16:20	8 16:20 - 17:10		
Mo	AC320A EC302 MC	EC391 AC307 TH / DM1			Gr-1	B l o c k	MNTR	ES-CS391 AC403 DM / NTA1			Gr-1
		ES-CS391 AC403 DM / NTA1						Gr-2	EC392 AC304 KSD / AD1		
Tu  23/07/2019	AC320A EC302 MC	AC320A EC303 CA	BS-M301 SB2	AC320A ES-CS301 DM Operations on Data Structure	AC320A EC301 TH		AC320A EC304 SKB	AC320A MC381 BN	AC320A EC301 TH		
We  24/07/2019	BS-M301 SB2	BS-M301 SB2	AC320A MC381 SS	AC320A EC304 SKB	AC320A ES-CS301 DM Analysis of Algorithm, Time and Space Complexity		AC320A EC303 CA	AC320A EC302 CA	AC320A ES-CS301 DM Tutorial - Analysis of Algorithm, Time and Space Complexity - Problem Solving		
Th	AC320A EC303 CA	EC392 AC304 MC / AD1			Gr-1	MOOCS SS AC504	RSM / NR	AC320A EC304 SKB	AC320A EC301 TH		
		EC391 AC307 TH / DM1			Gr-2						

Fr	AC320A EC304 SKB	AC320A EC302 CA	TPO-APTD		AC320A EC301 TH	BS-M301 SB2	AC320A MC381 BN	AC320A EC303 CA
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## CE B.Tech 2nd Year - Sec-A LESSON PLAN FROM 23-07-2019 TO 26-07-2019

	1st	2nd	3rd	4th	5th	6th	7th
<b>23/07/2019</b> <b>TUESDAY</b>	CE(HS)302 Basics of civil engg., Broad Disciplines of Civil Engg., Importance of Civil Engg. TR	LIBRARY	CE(BS)301 BIOLOGY FOR ENGINEERS FACULTY FROM JIMS	Introduction to concept of drawings, Interpretation of typical drawings, Planning drawing to show information CE(ES)392 TR	CE(ES)301 System of Forces, Coplanar Concurrent Forces, Components in Space – Resultant- Moment of Forces and its Application; Couples and Resultant of Force System SKC	CE (ES)302 Introduction to Energy Science- scientific principles & historical interpretation MB1	CE(BS)302 Set Theory, Basic operation on a set, Power set, Examples SP
<b>24/07/2019</b> <b>WEDNESDAY</b>	CE(HS)302 Possible scopes for a career as a civil engineer, Early construction methods and developments, Ancient monuments and modern marvels TR	CE(ES)392 Computer-aided Civil Engineering Drawing AutoCAD Lab TR, RD			CE(BS)302 Relation, Equivalence relations, Examples SP	CE(HS) 301 organization structure RSM	CE(ES)301 Forces, Free body diagrams, Equations of Equilibrium of Coplanar Systems and Spatial Systems; Static Indeterminacy SKC
<b>25/07/2019</b> <b>THURSDAY</b>	CE(BS)301 BIOLOGY FOR ENGINEERS FACULTY FROM JIMS	CE(ES)391 BASIC ELECTRONICS LAB NM,MP			CE(BS)302 Mapping or function, Different types of mappings SP	CE(ES)301 Equilibrium in three dimensions; Method of Sections; Method of Joints; How to determine if a member is in tension or compression; Simple Trusses; Zero force members SKC	
<b>26/07/2019</b> <b>FRIDAY</b>	MOOCS ethical duties of an organization TC NR	CE(ES)393 LIFE SCIENCE LAB LECTURE BY FACULTY FROM JIMS	CE(HS)301 continuation of previous class TC	APTITUDE DEVELOPMENT CLASSES BY TPO CELL		CE(HS)302 Developments of various materials of construction and method of constructions TR	

## CE B.Tech 3rd Year - Sec-A LESSON PLAN FROM 23-07-2019 TO 26-07-2019

	1st	2nd	3rd	4th	5th	6th	7th
<b>23/07/2019</b> <b>TUESDAY</b>	CE502 OBJECTIVES OF STRUCTURAL DESIGN (RD)	CE 501 Earth pressure theories (plastic equilibrium of soil, earth pressure at rest, active & passive earth pressure) (MB1)	HU 501 INTRODUCTION TO ECONOMICS PM	CE 504 Importance of Geology in Civil Engineering (MB1)	SOFT SKILL DEVELOPMENT CLASSES BY TPO CELL		
<b>24/07/2019</b> <b>WEDNESDAY</b>	CE 501 Rankine's EP Theory (MB1)	HU501 events and transaction MR	CE 501 Coulomb's EP Theory (MB1)	CE 504 Mineralogy: Definition, Structure of minerals (MB1)	CE502 STRUCTURAL ANALYSIS & DESIGN CONCEPTS (RD)	Introduction to concrete lab Applications Cement Applications of cement Fineness test Sieving method.CE592, GR 1 (CK) ce591/G-2/ Vane Shear Test (BCD)	

<b>25/07/2019</b> <b>THURSDAY</b>	CE 504 Study of Crystals (MB1)	CE 501 Wedge method analysis (MB1)	HU501 cvp analysis PM	Chemical Composition of Cement The raw materials used Oxide Composition Limits of Ordinary Portland Cement Bogue's Compounds Major compounds of cement (CE 503)(CK)	CE502 REINFORCED CONCRETE INTRODUCTION (RD)	CE593/GR-2/Introduction to quantity surveying, its purpose and its types, items of works ,units of measurement, rules for measurement (PR) CE591/1/ Vane Shear Test(BCD)
<b>26/07/2019</b> <b>FRIDAY</b>	Hydration of Cement The main hydrates of the hydration process Main Compounds (CE 503) (CK)	CE502 RCC DESIGN CODES & HANDBOOK APPLICATION (RD)	HU501 accounting cycle MR	CE 501 Culman's Method of EP MB1	Introduction to concrete lab Applications Cement Applications of cement Fineness test Sieving method. CE592 (CK) CE 594 Exp 1: Identification of Sedimentary Rocks by Hand Specimen (MB1)	

**CE B.Tech 3rd Year - Sec-B LESSON PLAN FROM 23-07-2019 TO 26-07-2019**

	<b>1st</b>	<b>2nd</b>	<b>3rd</b>	<b>4th</b>	<b>5th</b>	<b>6th</b>	<b>7th</b>
<b>23/07/2019</b> <b>TUESDAY</b>	CE501 Introduction to Earth pressure and retaining wall (BCD)	CE-504 Geology and its importance in Civil Engg. (KP)	What is cement, chemical composition, Hydration of cement, Heat of hydration and strength (CE503) (TR)	CE 501/ Effect of wall movement on earth pressure (BCD)	SOFT SKILL DEVELOPMENT CLASSES BY TPO CELL		
<b>24/07/2019</b> <b>WEDNESDAY</b>	CE 502 Introduction; What is plain cement concrete; what is reinforced cement concrete; materials used in RCC; types of steel reinforcement; characteristic strength of concrete and steel. (CP)	CE-594/GR-1/Identification of Sedimentary rocks by Hand specimen. (KP) CE593/GR-2/Introduction to quantity surveying, its purpose and its types, items of works ,units of measurement, rules for measurement (PR)			CE 501 DERIVATION OF EARTH PRESURE (BCD)	HU501 accounting cycle MR	Tests on cement and cement paste - Fineness and consistency CE503 TR
<b>25/07/2019</b> <b>THURSDAY</b>	CE-504 Classification of Rocks.Discuss about igneous rock, Metamorphic rock and Sedimentary rock.(KP)	CE501 Rankine's Theory of earth pressure (BCD)	CE 502 – Types of loads on RCC structures; Design philosophies- working stress method, assumption, concept, analysis of singly reinforced beam.(CP)	CE501 Effect of earth pressure of different soil types (BCD)	HU501 introduction to Economics PM	Introduction to concrete lab Applications Cement Applications of cement Fineness test Sieving method.( CE592)(CK) CE-594/GR-2/Identification of Sedimentary rocks by Hand specimen.(KP)	

<b>26/07/2019</b> <b>FRIDAY</b>	Design philosophies limit state method, necessity of doubly reinforced section, analysis of doubly reinforced beam , ultimate load method. (CE502) (CP)	HU501 format of treading and p/l , a/c MR	Design philosophies limit state method, necessity of doubly reinforced section, analysis of doubly reinforced beam , ultimate load method.(CE502) (CP)	CE-504/ Discuss about Igneous rock, origin and their mode of occurrence.Discuss about the texture of Igneous rock and their classification.(KP)	Setting time, Soundness and strength (TR) (CE503)	CE591/GR-2/Standard Proctor compaction test (KP) CE593/GR-1/Introduction to quantity surveying, its purpose and its types, items of works ,units of measurement, rules for measurement (PR)	
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**CE B.Tech 4th Year - Sec-A LESSON PLAN FROM 23-07-2019 TO 26-07-2019**

	1st	2nd	3rd	4th	5th	6th	7th
<b>23/07/2019</b> <b>TUESDAY</b>	CE705A PROPERTIES OF ENGG MATERIALS DG	CE702 BASICS OF WATER RESOURCE ENGG, CATCHMENT AREA, HYDROLOGIC CYCLE, RAINFALL MEASUREMENT PR	HU781 BASICS OF GROUP DISCUSSION AM		CE704A SK DEGREE OF STATIC AND KINEMATIC INDETERMINACY OF STRUCTURES, FORCE METHODS, DISPLACEMENT METHODS & CE704B TR DIVERSION HEADWORKS	CE703A BCD BASICS OF FOUNDATION ENGG & CE703C PR BASICS OF TRANSPORTATION ENGG	CE701 BASICS OF WATER SUPPLY ENGG AND IT'S IMPORTANT APPLICATIONS CR
<b>24/07/2019</b> <b>WEDNESDAY</b>	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL
<b>25/07/2019</b> <b>THURSDAY</b>	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL
<b>26/07/2019</b> <b>FRIDAY</b>	OFF DAY FOR CE 4TH YEAR SEC-A STUDENTS	OFF DAY FOR CE 4TH YEAR SEC-A STUDENTS	OFF DAY FOR CE 4TH YEAR SEC-A STUDENTS	OFF DAY FOR CE 4TH YEAR SEC-A STUDENTS	OFF DAY FOR CE 4TH YEAR SEC-A STUDENTS	OFF DAY FOR CE 4TH YEAR SEC-A STUDENTS	OFF DAY FOR CE 4TH YEAR SEC-A STUDENTS

**CE B.Tech 4th Year - Sec-B LESSON PLAN FROM 23-07-2019 TO 26-07-2019**

	1st	2nd	3rd	4th	5th	6th	7th
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<b>23/07/2019</b> <b>TUESDAY</b>	CE701 BASICS OF WATER SUPPLY ENGG AND IT'S IMPORTANT APPLICATIONS CR	CE702 BASICS OF WATER RESOURCE ENGG, CATCHMENT AREA, HYDROLOGIC CYCLE, RAINFALL MEASUREMENT CR	CE704A SK DEGREE OF STATIC AND KINEMATIC INDETERMINACY OF STRUCTURES, FORCE METHODS, DISPLACEMENT METHODS & CE704B CP DIVERSION HEADWORKS	CE705A PHYSICAL PROPERTIES OF ENGG MATERIALS DG	CE703A BCD BASICS OF FOUNDATION ENGG & CE703C KK BASICS OF TRANSPORTATION ENGG	HU781 BASICS OF GROUP DISCUSSION TC	
<b>24/07/2019</b> <b>WEDNESDAY</b>	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL
<b>25/07/2019</b> <b>THURSDAY</b>	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL	SPECIAL TRAINING FOR UPCOMING CAMPUS DRIVE BY TPO CELL
<b>26/07/2019</b> <b>FRIDAY</b>	CE701 FUNDAMENTAL CONCEPTS OF WATER SUPPLY ENGG, WATER DEMAND, POPULATION FORECASTING CR	CE791 CR MGB EXPERIMENT FOR DETERMINATION OF TURBIDITY			CE705A CHEMICAL PROPERTIES OF ENGG MATERIALS DG	CE792 HYDRAULIC DESIGN OF EFFICIENT SECTION OF CANAL, GEOMETRIC DESIGN OF HIGHWAY SK KK	

**Routine: 2019-20 Odd Semester (effective from July 22, 2019)**

# ECE 2nd Year

DAY	1 9:50-10:40	2 10:40-11:30	3 11:30-12:20	4 12:20-13:10	LUNCH 13:10-13:50	5 13:50-14:40	6 14:40-15:30	7 15:30-16:20
MON	AC320A EC302 MC	AC307 EC391 Gr-1 TH/DM1 Familiarization with different electronic components				MNTR/CT	AC403 ESCS391 DM/NTA1 Gr-1, Intro to array & operations on array	
	SOP & POS forms, Canonical forms	AC403 ESCS391 DM/NTA1 Gr-1, Intro to array & operations on array					AC304 EC392 KSD/AD1 Gr-2 Implementation of the Given Boolean Function using Logic Gates both SOP & POS forms	
TUE	AC320A EC302 MC	AC320A EC303 CA	AC320A BS-M301 SB2	AC320A ES-CS301 DM		AC320A EC301 TH	AC320A EC304 SKB	AC320A MC381 BN
	Discussion on K-Map: Numerical Problems	Basics of Signals Different types of signals	Introduction	Operations on DS		Intrinsic and Extrinsic Semiconductors	Ohms law and its application on circuits	Troposphere, Stratosphere, Mesosphere,
WED	AC320A BS-M301 SB2	AC320A BS-M301 SB	AC320A MC381 SS	AC320A EC304 SKB		AC320A ES-CS301 DM	AC320A EC303 CA	AC320A EC302 CA
	Introduction	Introduction	Noise Pollution: Definition of noise, effect of noise	Node analysis on basic circuits		Analysis of Algo.	Definition of standard signals & their mathematical expressions	Number System Conversion & subtraction of binary no in 2's complement method
THU	AC320A EC303 CA	AC304 EC 392 MC/AD1 Gr-1 Implementation of the Given Boolean Function using Logic Gates both SOP & POS forms				AC504 MOOCS SS RSM/NR		AC320A EC304 SKB
	Properties of signals Triangular functions Sinc	AC307 EC391 TH/DM1 Gr-2 Familiarization with different electronic components				Overall view on MOOCS		Analysis of circuits with more than 2 nodes using 3x3 matrix
FRI	AC320A EC304 SKB	AC320A EC303 CA	TPO-APTD			AC320A EC301 TH	AC320A BS-M301 SB2	AC3020A MC381 BN
	Analysis of circuits with super nodes and dependent sources	Subtraction of binary in 1's complement method and logic minimization				Effect of temp. in semiconductors and fermilevel for them	Introduction	Primary and secondary pollutants: emission standard, criteria pollutant. Sources and

DAY	1 9:50-10:40	2 10:40-11:30	3 11:30-12:20	4 12:20-13:10	LUNCH 13:10-13:50	5 13:50-14:40	6 14:40-15:30	7
MON	AC320A		EC391	Gr-1			ES-CS391	Gr-1
	EC302	AC307		TH/DM1		MNTR	AC403	DM/NTA1
	MC	AC403	ES-CS391	GR-2				
				DM/NTA1				

# Routine: 2019-20 Odd Semester ( Lecture Plan for July 22 - July 26, 2019)

## ECE 3rd Year

	1	2	3	4	Lunch	5	6	7	8	
	9:50 - 10:40	10:40 - 11:30	11:30 - 12:20	12:20 - 13:10	13:10 - 13:50	13:50 - 14:40	14:40 - 15:30	15:30 - 16:20	16:20 - 17:10	
<b>Mo</b>	AC316 EC503 CA	AC316 HU501 MR	LIB	AC316 EC504B JKB	<b>B R E A K</b>	AC405 EC594B GR-1 JKB/SN1				
	Introduction of Control systems	Introduction		Introduction		AC314 EC593 GR-2 CA/BD Familiarisation with MATLAB control system tool box, Simulink tool box				
<b>Tu</b>	AC316 EC501 NM	AC316 EC501 NM	AC316 HU501 MR	AC316 EC503 CA		AC316 EC504B JKB	PYTHON			
	Introduction Comm system	Noise, Distortion, Transducer, discus s every block diagram	Introduction	Transform & Inverse Laplace		Introduction				
<b>We</b>	AC316 EC501 NM	AC316 HU501 PM	AC317 EC502 KSD	AC316 EC503 CA		AC317 EC502 KSD	AC315 EC592 GR-1 KSD/JK Study of prewritten programs			
	signal analysis frequency and time domain	BE Analysis	Introduction to Microprocessor	method to find f(t) using ILT		Architecture of 8085	AC310 EC591 GR-2 NM/BD Study of function generator , Amplitude Modulation			
<b>Th</b>	AC316 EC501 NM	AC314 EC593 GR-1 CA/BD Familiarisation with MATLAB control system tool box, Simulink tool box				AC317 EC502 KSD	AC317 EC502 KSD	AC316 EC504B JKB		
	signal bandwidth, signal	AC405 EC594B GR-2 JKB/NTA3				Bus Structure	Instruction set	Programming Prerequisite		
<b>Fr</b>	AC316 EC504B JKB	AC316 HU501 PM	AC317 EC502 KSD	AC316 EC503 CA	AC316 EC503 CA	AC310 EC591 GR-1 MC/BD Study of function generator , Amplitude Modulation				
	Programming prerequisite	BE Analysis Contd.	Addressing modes	Determine the Transfer Function	the time response of the system using	AC315 EC592 GR-2 KSD/JK Study of prewritten programs				



Routine: 2019-20 Odd Semester (July 23rd-26th, 2019)

## EE 2nd Year

	1 9:50 - 10:40	2 10:40 - 11:30	3 11:30 - 12:20	4 12:20 - 13:10	Lunch 13-10	5 13:50 - 14:40	6 14:40 - 15:30	7 15:30 - 16:20
Tu (23.07.19)	AC220 EC(EE)303 SJM Length, Area, Volume, and transformation matrix	AC220 BS-M 301 (EE) AD Introduction to Differential Equation	AC220 BS-M 301 (EE) AD Order & degree of Differential Equation	AC220 PC-EE301 SR KCL, Nodal Analysis		AC220 PC-EE302 / SM1 Basic operation of Diode and BJT	Gr-1 PC-EE 392 AC306 SM1 / AD1 Experiment on Rectifier and filter	
We (24.07.19)	PC-EE 301 SR Numerical of KCL/Nodal analysis	AC220 PC-EE301 SR KVL, Mesh Analysis	MOOCS SS TC / NR Overall view on MOOCs			AC220 ES-ME301 AR1 Free body diagram, Lami's Theorem, Numerical	AC220 EC(EE)303 SJM Transformation of given vector in different co- ordinate system	PC-EE 301 SB Introduction to systems (LTI, Time variant, Discrete, Analog, Causal, Non-causal, etc.)
Th (25.07.19)	AC220 PC-EE301 SR Thevenin's Theorem (proof), Basic numerical	PC-EE 301 SR Numerical of KVL/Mesh analysis	AC220 EC(EE)303 SJM Transformation of given vector in different co-ordinate system (cont.) & tutorial problems.	PC-EE 301 SKG Concept of A.C. power		AC220 PC-EE302 / SM1 Biasing of BJT, Q point, load line	AC220 ES-ME301 AR1 Resolution of forces, numerical, friction, introduction.	AC220 PC-EE302 / SM1 h-model of transistor
Fr (26.07.19)	PC-EE 301 SKG Numericals on A.C. power	AC220 PC-EE301 SR Norton's's Theorem (proof), Basic numerical.	TPO-APTD			AC220 BS-M 301 (EE) /AD order & degre of Diff Equation	Gr-1 PC-CS 393 / AD Simpson's one third rule	

Routine: 2019-20 Odd Semester (July 23rd-26th, 2019)

## EE 3rd Year

	1 9:50 - 10:40	2 10:40 - 11:30	3 11:30 - 12:20	4 12:20 -	Lunch	5 13:50 - 14:40	6 14:40 - 15:30	7 15:30 - 16:20	
Tu (23.07.19)	AC207 EE503/ NNJ Derivation of TF of Field control DC motor	Gr-1 EE592 AC113 SKG / GS Study of different types of Insulator, Dielectric strength test of Insulating oil of transformer				AC207 EE502 / SKG Objective & importance of electrical power system, Discussion about pre -requisite topic & Definition of Electrical Power System.	PYTHON		
		Gr-2 EE594A AC405 MG / NTA1 Implementation of Array							
We (24.07.19)	AC207 EE502 / SKG Basic structure of electric power system, Basics of Insulator, Types of Insulators	Gr-1 EE591 AC111 DKS / AM1				AC207 HU501 / PM CVP Analysis	SR	EE581 General introduction about seminar	
		Gr-1 EE592 AC113 SKG / GS Study of different types of Insulator, Dielectric strength test of Insulating oil of transformer							
Th (25.07.19)	AC207 EE501 / DKS Introduction to single phase induction motor	AC207 EE502 / SKG Discussion about Line supports, Towers & Poles, Types of Tower and Poles and their characteristics	AC207 EE501 DKS Constructional details, nature of stator m.m.f in single phase induction motor.			AC207 EE504A SK1 Importance of study & concept of data structure	AC207 EE503 NNJ Modelling of Mechanical system	AC207 EE503 NNJ Derivation Equivalent circuit with force -voltage analogy	
Fr (26.07.19)	AC207 HU501 / MR Accounting cycle	AC207 EE504A SK1 Algorithm, Programming & Pseudocode	AC207 EE503/ NNJ Derivation Equivalent circuit with force -current analogy	AC207 EE503/ NNJ Tutorial problems on f-v and f-I analogy		AC207 EE502 / SKG Discussion about Voltage distribution across a suspension insulator string, String efficiency, Derive the equation of string efficiency, Arching shield & rings	Gr-2 EE594A AC405 MG / NTA1 Implementation of Array		
							Gr-2 EE593 AC210B NNJ / AW Introduction to different MATLAB commands required for control system analysis		

## ME 2nd Year Sec-A AC322

	1 9:50 - 10:40	2 10:40 - 11:30	3 11:30 - 12:20	4 12:20 - 13:10	Lunch 13:10 - 13:50	5 13:50 - 14:40	6 14:40 - 15:30	7 15:30 - 16:20	8 16:20 - 17:10	
Mo	AC314A PC-ME301 SRC	AC322 BS-BIO301 BIOT2	AC322 BS-M301 Basic definition of set, Union, Intersection, Complement, venue diagram. SB2	AC322 ES- ME301 JM		MNTR	Gr-1 PC-ME391 WS-001 JM / HB / KCS / MM			
							Gr-2 ACAD AC322 RB			
Tu	AC322 BS-BIO301 BIOT2	AC322 BS-M301 Probability Space and related definitions: Definitions of random experiment, sample space, events space and probability function with examples SB2	AC322 ES-ME301 Particle equilibrium in 2D & 3D, rigid body equilibrium  JM	AC513 ES- ECE301 HLM		AC314A PC-ME302 Definition of manufacturing process, types of manufacturing process, Casting and moulding introduction AR1	AC314A PC-ME301 Concept of quastatic process & classification Work & Heat Concept of work done for different processes SRC	MOOCS SS AC504 AM		
We	LIB LIB	AC314A PC-ME301 Derivations of work done for Isobaric process and isochoric process and problem solving. SRC	AC322 ES-ME301 Resultant- moment of forces, couple, rigid body equilibrium, JM	AC513 ES- ECE301 HLM		AC322 BS-BIO301 BIOT2	BS-M301 Probability Space and related definitions :Deduction of Classical Definition, Addition Law and its generalization, Conditional Probability, Independent Event, Multiplicative Law. SB2		AC322 PC- ME302 UB	
Th	AC322 ES-ME301 FBD, static indeterminacy JM	AC322 BS-M301 Conditional Probability and its Applications: Applications of Conditional Probability and Baye's Theorem, Related problems. SB2	AC314A PC-ME302 Types of Pattern, types of allowances AR1	AC513 ES- ECE301 HLM		AC314A PC-ME301 Derivations of work done for Adiabetic process and isothermal process and problem solving SRC	Gr-1 ACAD AC121 RB			
							Gr-2 PC-ME391 WS-001 JM / HB / MM / KCS			
Fr	AC314A PC-ME302 Metal casting processes and equipment AR1	AC322 ES-ME301 solving problems JM	NPTEL JM / SRC		AC513 ES-ECE301 HLM	AC314A PC-ME301 Problem solving for heat & work done from QPs Etc. SRC	TPO-APTD			

ME 2nd Year Sec-B AC408, AC321

	1 9:50 - 10:40	2 10:40 - 11:30	3 11:30 - 12:20	4 12:20 - 13:10	Lunch 13:10 - 13:50	5 13:50 - 14:40	6 14:40 - 15:30	7 15:30 - 16:20	8 16:20 - 17:10
Mo	AC321 ES- ME301 RG	AC321 PC- ME301 MKSS	AC321 BS-M301 SP	AC321 BS- BIO301 BIOT2		MNTR AC321	AC321 PC- ME302 UB	NPTEL AC321 DB / AR1	
Tu	AC51 3 ES- ECE301 HLM	AC321 BS- BIO301 BIOT2	AC51 3 ES- ECE301 HLM	LIB LIB		AC321 BS-M301 SP	AC321 ES- ME301 RG	AC321 PC- ME302 JM	AC321 PC- ME301 MKSS
We	AC513 ES- ECE301 HLM	Gr-1 PC-ME391 WS-001 AR1 / MM / KCS / HB				AC321 ES- ME301 RG	AC321 BS-M301 SP	AC321 PC- ME301 KH	AC321 PC- ME302 JM
		Gr-2 ACAD AC121 DB							
Th	AC321 ES- ME301 RG	AC321 PC- ME301 MKSS	AC51 3 ES- ECE301 HLM	AC321 BS- BIO301 BIOT2		AC321 PC- ME302 JM	AC321 BS-M301 SP	MOOCS SS AC504 TC / NR	
Fr	AC321 BS-M301 SP	Gr-1 ACAD AC121 DB / PD				AC321 ES- ME301 RG	AC321 PC- ME301 KH	TPO-APTD AD-SH	
		Gr-2 PC-ME391 WS-001 AR1 / HB / KCS / MM							

ME 3rd Year - Sec A AC21 5

	1 9:50 - 10:40	2 10:40 - 11:30	3 11:30 - 12:20	4 12:20 - 13:10	Lunch 13:10 - 13:50	5 13:50 - 14:40	6 14:40 - 15:30	7 15:30 - 16:20	8 16:20 - 17:10
Mo	AC215 ME502 KH	Gr-1 ME592 AC124B KH / IG				MNTR	Gr-1 ME593 Introduction to auto cad, application of tools, 1 design AC408 RG / PD		
		Gr-2 ME593 Introduction to auto cad, application of tools, 1 design AC408 RG / PD					Gr-2 ME592 AC124B KH / IG		
Tu	AC215 ME503 RB	TPO S SKILL				AC2 15 ME501 Vibration- longitudinal,transverse,torsiona l(energy, equilibrium method) RG	AC2 15 ME502 Introduction to modes Heat transfer KH	Gr-5A ME505A Introduction to Electrical Machines and its area of Applications AC216 DKS Gr-5B ME505B Classification of open channel flow, Discussion on discharge through open channel AC215 MKSS	AC2 15 HU511 Introduction PM / MR
We	AC2 15 ME503 RB	AC2 15 ME502 Basic Equation KH	AC2 15 ME504 DB1	AC2 15 ME504 DB1		Gr-1 ME594 AC116 MAA / KS Gr-2 ME581 AC215 SM	AC2 15 ME501 Free transverse vibration of beam due to point load,Rayleigh method,problems RG	AC2 15 HU511 Communication MR	
Th	LIB LIB	ME503 RB	NPTEL SM / AS			Gr-5A ME505A Basic/ Common constructional features of rotating electrical machines. AC216 DKS	AC2 15 HU511 EQ PM	Gr-1 ME581 AC215 DB	
						Gr-5B ME505B Most economical section of different channel AC215 MKSS		Gr-2 ME594 AC116 AR1 / KS	
Fr	AC215 ME501 Effect of inertia in longitudinal vibrations, problems RG	AC215 ME504 DB1	AC215 ME503 RB	AC215 ME502 Fourier Law KH		Gr-5A ME505A Excitation in rotating electrical machines. DKS	Gr-5A ME595A Discussion on experiments to be performed and safety guidelines AC111 DKS / AM1		
						Gr-5B ME505B Non-uniform flow through open channel, discussion on specific energy AC215 MKSS	Gr-5B ME595B AC115 MKSS / PD		

ME 3rd Year - Sec B AC21 6

	1 9:50 - 10:40	2 10:40 - 11:30	3 11:30 - 12:20	4 12:20 - 13:10	Lunch 13:10 - 13:50	5 13:50 - 14:40	6 14:40 - 15:30	7 15:30 - 16:20	8 16:20 - 17:10
Mo	AC216 HU511 PM / MR	AC216 ME501 SM	AC216 ME502 Introduction to modes of Heat Transfer, Basic equations MAA	AC216 ME503 RB		MNTR	Gr-5A ME595A [ Study the characteristics of DC Motor] AC111 SKG / AM1		
							Gr-5B ME505B AC215 MKSS	Gr-5B ME505B AC215 MKSS	Gr-5B ME505B AC215 MKSS
Tu	AC216 ME502 Conduction: Fourier's law for isotropic materials. MAA	TPO S SKILL				AC216 HU511 Introduction MR	AC216 HU511 EOQ PM	LIB LIB	AC216 ME503 RB
We	AC2 16 ME502 Thermal conductivity: 1-D and 3- D heat conduction equations, Boundary conditions. Solution of steady 1-D conduction problem with & without heat generation. Analogy with electrical circuits.Continues. MAA	Gr-1 ME593 AC408 RB / PD				AC2 16 ME504 DB1	Gr-5A ME505A [Concept of Electrical Machines, Definition of motor and generator, Discussion about the pre requisite subjects ( Basic electrical engineering -I & Basic electrical engineering -II). AC216 SKG	Gr-5A ME505A [Introduction of DC Machine, generator principle, Construction of DC generator. AC216 SKG	Gr-5A ME505A [EMF generated in the armature, methods of Excitation] AC216 SKG
		Gr-2 ME592 AC124B MAA / KS					Gr-5B ME595B AC115 MKSS / PD		
Th	Gr-1 ME581 AC124B AR1		AC2 16 ME503 RB	AC2 16 ME503 RB		Gr-1 ME594 AC116 SM / PD		AC2 16 ME502 Thermal conductivity: 1-D and 3- D heat conduction equations, Boundary conditions. Solution of steady 1-D conduction problem with & without heat generation. Analogy with electrical circuits. MAA	AC2 16 ME501 Definition and types of vibration, different terms and nomenclature SM
	Gr-2 ME594 AC116 SM / PD					Gr-2 ME581 RG			
Fr	N PTEL SM / SRC	AC216 ME504 DB1	AC216 ME504 DB1		AC216 ME501 Differential equations of vibratory motions SM	Gr-1 ME592 AC124B MAA / KS			
				Gr-2 ME593 AC408 RB / IG					

**ME 2nd Year Sec-A AC322**

	1 9:50 - 10:40	2 10:40 - 11:30	3 11:30 - 12:20	4 12:20 - 13:10	Lunch 13:10 - 13:50	5 13:50 - 14:40	6 14:40 - 15:30	7 15:30 - 16:20	8 16:20 - 17:10
<b>Mo</b>	AC314A PC-ME301 SRC	AC322 BS-BIO301 BIOT2	AC322 BS-M301 Basic definition of set, Union, Intersection, Complement, venue diagram. SB2	AC322 ES- ME301 JM		MNTR	Gr-1 PC-ME391 Pattern Making Fitting Sheet Metal work WS-001 JM / HB / KCS / MM		
							Gr-2 ACAD Basic Introduction on Computer Aided Drafting AC322 RB		
<b>Tu</b>	AC322 BS-BIO301 BIOT2	AC322 BS-M301 Probability Space and related definitions: Definitions of random experiment, sample space, events space and probability function with examples SB2	AC322 ES-ME301 Particle equilibrium in 2D & 3D, rigid body equilibrium JM	AC513 ES- ECE301 HLM		AC314A PC-ME302 Defination of manufacturing process, types of manufacturing process, Casting and moulding introduction AR1	AC314A PC-ME301 Concept of quastatic process & classification Work & Heat Concept of work done for different processes SRC	MOOCS SS AC504 Overview on MOOCs AM	
<b>We</b>	LIB LIB	AC314A PC-ME301 Derivations of work done for Isobaric process and isochoric process and problem solving. SRC	AC322 ES-ME301 Resultant- moment of forces, couple, rigid body equilibrium, JM	AC513 ES- ECE301 HLM		AC322 BS-BIO301 BIOT2	BS-M301 Probability Space and related definitions :Deduction of Classical Definition, Addition Law and its generalization, Conditional Probability, Independent Event, Multiplicative Law. SB2		AC322 PC- ME302 UB
<b>Th</b>	AC322 ES-ME301 FBD, static indeterminacy JM	AC322 BS-M301 Conditional Probability and its Applications: Applications of Conditional Probability and Baye's Theorem, Related problems. SB2	AC314A PC-ME302 Types of Pattern, types of allowances AR1	AC513 ES- ECE301 HLM		AC314A PC-ME301 Derivations of work done for Adiabatic process and isothermal process and problem solving SRC	Gr-1 AutoCAD Basic Introduction on Computer Aided Drafting AC121 RB		
							Gr-2 PC-ME391 Pattern Making Fitting Sheet Metal work WS-001 JM / HB / MM / KCS		
<b>Fr</b>	AC314A PC-ME302 Metal casting processes and equipment AR1	AC322 ES-ME301 solving problems JM	NPTEL JM / SRC			AC513 ES-ECE301 HLM	AC314A PC-ME301 Problem solving for heat & work done from QPs Etc. SRC	TPO-APTD	

**ME 2nd Year Sec-B AC408, AC321**

	1 9:50 - 10:40	2 10:40 - 11:30	3 11:30 - 12:20	4 12:20 - 13:10	Lunch 13:10 - 13:50	5 13:50 - 14:40	6 14:40 - 15:30	7 15:30 - 16:20	8 16:20 - 17:10
<b>Mo</b>	AC321 ES- ME301 RG	AC321 PC- ME301 MKSS	AC321 BS-M301 SP	AC321 BS- BIO301 BIOT2		MNTR AC321	AC321 PC- ME302 UB	NPTEL AC321 DB / AR1	
<b>Tu</b>	AC51 3 ES- ECE301 HLM	AC321 BS- BIO301 BIOT2	AC51 3 ES- ECE301 HLM	LIB LIB		AC321 BS-M301 SP	AC321 ES- ME301 RG	AC321 PC- ME302 JM	AC321 PC- ME301 MKSS
<b>We</b>	AC513 ES- ECE301 HLM	Gr-1 PC-ME391 WS-001 AR1 / MM / KCS / HB				AC321 ES- ME301 RG	AC321 BS-M301 SP	AC321 PC- ME301 KH	AC321 PC- ME302 JM
		Gr-2 ACAD AC121 DB							
<b>Th</b>	AC321 ES- ME301 RG	AC321 PC- ME301 MKSS	AC51 3 ES- ECE301 HLM	AC321 BS- BIO301 BIOT2		AC321 PC- ME302 JM	AC321 BS-M301 SP	MOOCS SS AC504 TC / NR	
<b>Fr</b>	AC321 BS-M301 SP	Gr-1 ACAD AC121 DB / PD				AC321 ES- ME301 RG	AC321 PC- ME301 KH	TPO-APTD AD-SH	
		Gr-2 PC-ME391 WS-001 AR1 / HB / KCS / MM							



**ME 3rd Year - Sec A AC215**

	1 9:50 - 10:40	2 10:40 - 11:30	3 11:30 - 12:20	4 12:20 - 13:10	Lunch 13:10 - 13:50	5 13:50 - 14:40	6 14:40 - 15:30	7 15:30 - 16:20	8 16:20 - 17:10
Mo	AC215 ME502 KH	Gr-1 ME592 AC124B KH / IG			MNTR	Gr-1 ME593 Introduction to auto cad, application of tools, 1 design AC408 RG / PD			
		Gr-2 ME593 Introduction to auto cad, application of tools, 1 design AC408 RG / PD				Gr-2 ME592 AC124B KH / IG			
Tu	AC215 ME503 RB Introduction to Design, Basics of SOM	TPO SKILL			AC2 15 ME501 Vibration-longitudinal,transverse,torsional(energy, equilibrium method) RG	AC2 15 ME502 Introduction to modes Heat transfer KH	Gr-5A ME505A Introduction to Electrical Machines and its area of Applications AC216 DKS		AC2 15 HU511 Introduction PM / MR
				Gr-5B ME505B Introduction to the subject Applied Fluid Mechanics, Specific energy AC215 MKSS					
We	AC2 15 ME503 RB Review and Revision of SOM - Stress, Strain, Bending Moment, Torsion	AC2 15 ME502 Basic Equation of Heat Transfer KH	AC2 15 ME504 Introduction: Definition and importance of Metrology Measurement DB1	AC2 15 ME504 Methods of measurements Errors in measurement DB1	ME594 Gr-1 Discussion on Methods of measurements Taking measurements using (i) Vernier height & depth gauge AC116 MAA / KS	AC2 15 ME501 Free transverse vibration of beam due to point load,Rayleigh method,problems RG			AC2 15 HU511 Communication MR
				Gr-2 ME581 AC215 SM					
Th	LIB LIB	ME503 RB Review & Revision of SOM - SF&BM, Principal Stress&Strain, Beams & Cantilever, Strain Energy Method, Area Method	NPTEL SM / AS		Gr-5A ME505A Basic/ Common constructional features of rotating electrical machines. AC216 DKS	AC2 15 HU511 EQQ PM	Gr-1 ME581 AC215 DB		
				Gr-5B ME505B Overview of Hydraulic Jump AC215 MKSS			Gr-2 ME594 Discussion on Methods of measurements Taking measurements using (i) Vernier height & depth gauge AC116 AR1 / KS		
Fr	AC215 ME501 Effect of inertia in longitudinal vibrations, problems RG	AC215 ME504 Units of measurements DB1	AC215 ME503 RB Design consideration, Material Mfg Process	AC215 ME502 Fourier Law KH	Gr-5A ME505A Excitation in rotating electrical machines. DKS	Gr-5A ME595A Discussion on experiments to be performed and safety guidelines AC111 DKS / AM1			
				Gr-5B ME505B Discussion on numerical problems of specific energy and hydraulic jump. AC215 MKSS		Gr-5B ME595B Discussion on the characteristics of hydraulic jump. AC115 MKSS / PD			

**ME 3rd Year - Sec B AC216**

	1 9:50 - 10:40	2 10:40 - 11:30	3 11:30 - 12:20	4 12:20 - 13:10	Lunch 13:10 - 13:50	5 13:50 - 14:40	6 14:40 - 15:30	7 15:30 - 16:20	8 16:20 - 17:10
<b>Mo</b>	AC216 HU511 PM / MR	AC216 ME501 SM	AC216 ME502 Introduction to modes of Heat Transfer, Basic equations MAA	AC216 ME503 RB		MNTR	Gr-5A ME595A [ Study the characteristics of DC Motor] AC111 SKG / AM1		
							Gr-5B ME505B AC215 MKSS	Gr-5B ME505B AC215 MKSS	Gr-5B ME505B AC215 MKSS
<b>Tu</b>	AC216 ME502 Conduction: Fourier's law for isotropic materials. MAA	TPO S SKILL				AC216 HU511 Introduction MR	AC216 HU511 EQ PM	LIB LIB	AC216 ME503 Introduction to Design, Basics of SOM RB
<b>We</b>	AC2 16 ME502 Thermal conductivity: 1-D and 3- D heat conduction equations, Boundary conditions. Solution of steady 1-D conduction problem with & without heat generation. Analogy with electrical circuits.Continues.  MAA	Gr-1 ME593 AC408 RB / PD Basics of Design Practice, Basics of Joint, Design of Cotter Joint				AC2 16 ME504 Introduction: Definition and importance of Metrology Measurement DB1	Gr-5A ME505A [Concept of Electrical Machines, Definition of motor and generator, Discussion about the pre requisite subjects ( Basic electrical engineering -I & Basic electrical engineering -II). AC216 SKG	Gr-5A ME505A [Introduction of DC Machine, generator principle, Construction of DC generator. AC216 SKG	Gr-5A ME505A [EMF generated in the armature, methods of Excitation] AC216 SKG
		Gr-2 ME592 AC124B MAA / KS			Gr-5B ME595B Discussion on the characteristics of hydraulic jump. AC115 MKSS / PD				
<b>Th</b>	Gr-1 ME581 AC124B AR1		AC2 16 ME503 RB Review and Revision of SOM - Stress, Strain, Bending Moment, Torsion	AC2 16 ME503 RB SF&BM, Principal Stress&Strain, Beams & Cantilever, Strain Energy Method, Area Method		Gr-1 ME594 Discussion on Methods of measurements Taking measurements using (i) Vernier height & depth gauge AC116 SM / PD		AC2 16 ME502 Thermal conductivity: 1-D and 3- D heat conduction equations, Boundary conditions. Solution of steady 1-D conduction problem with & without heat generation. Analogy with electrical circuits. MAA	AC2 16 ME501 Definition and types of vibration, different terms and nomenclature SM
	Gr-2 ME594 Discussion on Methods of measurements Taking measurements using (i) Vernier height & depth gauge AC116 SM / PD				Gr-2 ME581 RG				
<b>Fr</b>	N PTEL SM / SRC	AC216 ME504 Methods of measurements Errors in measurement DB1		AC216 ME504 Units of measurements DB1		Gr-1 ME592 AC124B MAA / KS			
					AC216 ME501 Differential equations of vibratory motions SM	Gr-2 ME593 AC408 RB / IG Basics of Design Practice, Basics of Joint, Design of Cotter Joint			

ME 4th Year - Sec A AC218

	1 9:50 - 10:40	2 10:40 - 11:30	3 11:30 - 12:20	4 12:20 - 13:10	Lunch 13:10 - 13:50	5 13:50 - 14:40	6 14:40 - 15:30	7 15:30 - 16:20	8 16:20 - 17:10
Mo	Gr-5C ME705C History of OR different types of OR problems application area of OR AC219 DB	ME783 Introduction to GD TC				MNTR	AC2 18 ME701  AS	AC2 18 ME701  AS	Gr-3A ME703A AC219 SM
	Gr-5D ME705D AC218 RB								Gr-3B ME703B AC218 AS
Tu	Gr-3A ME703A Introduction: Definitions of repair and maintenance; Importance of maintenance; AC219 SM	AC21 8 ME702 Introduction to advanced manufacturing technology SRC	Gr-1 ME791 AC120 SRC / KCS Concepts of CNC programming			Gr-4A ME704A Objective of quantity Production Method differentiation between Production and Operation AC219 DB	Gr-5C ME705C Brief introduction Decision Theory Linear programming Transportation Model Assignment Problems AC219 DB	ME781	
	Gr-3B ME703B Principles of Renewable Energy AC218 UB		ME781			Gr-4B ME704B Introduction: Definition of welding History of welding Advantages limitations Practical applications Broad grouping of welding. AC121 JM	Gr-5D ME705D Musculoskeletal Anatomy: Basic Statics and Joint Mechanics AC218 RB	Gr-2 ME791 AC120 SRC / PD Concepts of CNC programming	
We	AC218  ME702  SRC Introduction to advanced manufacturing technology. Understanding the course out comes of AMT.	Gr-3A ME703A AC219 SM	AC218 ME701 1. Power plant cycles, 2. Rankine cycle  AS	AC218 ME701 1. Derivation of efficiency 2. T-s, P-V, h-s Plot AS		Gr-5C ME705C Formulation of LP Graphical Solution Method AC219 DB	Gr-4A ME704A Level of production Batch Production Continuous Production Mass Production Basic characteristics & differences AC219 DB	Gr-4A ME704A Types of Automation Different types of Layout automation in industrial production AC219 DB	AC2 18  ME702 Manufacturing Systems and Automation: Job shop, Flowlines, Transfer lines, Project shop, Continuous processes SRC
Th						TPO S SKILL			
Fr									

ME 4th Year - Sec B AC219

	1 9:50 - 10:40	2 10:40 - 11:30	3 11:30 - 12:20	4 12:20 - 13:10	Lunch 13:10 - 13:50	5 13:50 - 14:40	6 14:40 - 15:30	7 15:30 - 16:20	8 16:20 - 17:10
M o	Gr-5C ME705C History of OR different types of OR problems application area of OR AC219 DB	AC2 19  ME702  AR1	Gr-1 ME791 AC120 SRC / KCS Concepts of CNC programming			MNTR	AC2 19 ME701 MAA	AC2 19 ME701 MAA	Gr-3A ME703A AC219 SM
	Gr-5D ME705D AC218 RB		ME781						Gr-3B ME703B AC218 AS
T u	Gr-3A ME703A Introduction: Definitions of repair and maintenance; Importance of maintenance; AC219 SM	ME783 Introduction to GD RSM				Gr-4A ME704A Objective of quantity Production Method differentiation between Production and Operation AC219 DB	Gr-5C ME705C Brief introduction Decision Theory Linear programming Transportation Model Assignment Problems AC219 DB	AC2 19  ME701 An brief introduction on Power Plant Engineering  MAA	AC2 19  ME701 Different types of Power plant cycles  MAA
	Gr-3B ME703B Principles of Renewable Energy AC218 UB					Gr-4B ME704B Introduction: Definition of welding History of welding Advantages limitations Practical applications Broad grouping of welding. AC121 JM	Gr-5D ME705D Musculoskeletal Anatomy: Basic Statics and Joint Mechanics AC218 RB		MAA
We	AC2 19  ME702 Introduction to and scope of the subject of Advanced Manufacturing Technology AR1	Gr-3A ME703A Different maintenance systems- breakdown, preventive, planned AC219 SM	ME781			Gr-5C ME705C Formulation of LP Graphical Solution Method AC219 DB	Gr-4A ME704A Level of production Batch Production Continuous Production Mass Production Basic characteristics & differences AC219 DB	Gr-4A ME704A Types of Automation Different types of Layout automation in industrial production AC219 DB	AC2 19  ME702 Manufacturing Systems and Automation : Job shop, Flowlines, Transfer lines, Project shop, Continuous processes AR1
		Gr-3B ME703B 1. Principles of Renewable Energy 2. The energy future: energy and sustainable Development and role of renewable energy 3. Scientific Principles of renewable energy AC218 AS	Gr-2 ME791 Concepts of CNC programming AC120 SM			Gr-5D ME705D Musculoskeletal Anatomy: Basic Statics and Joint Mechanics AC218 RB	Gr-4B ME704B Gas welding Brazing Soldering  AC121 JM	Gr-4B ME704B Carbon arc welding Different joint design AC121 JM	
Th	TPO S SKILL								
Fr									