

2018-19

ANNUAL CURRICULAR

PLAN (Year)

NAMR OF THE LECTURER

K. JYOTHSNA

CLASS : INECS

Semester : I

Paper : Basic circuit theory

MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
June	2	5	Introduction Definition of current and voltage, sine wave	Atom, electron electrostatic magnetic field	-	-	-	-	-	-	-	-	-
	3	5	phase relations average value	-	-	-	-	-	-	-	-	-	-
	4	5	RMS value difference between	-	-	-	-	-	-	-	-	-	-
			AC and DC V-Relations of R, L, C	Resistor, Inductor, Capacitor	Will be demonstrated R, L, C	1	Yes	-	-	-	-	-	-
July	1	5	frequency response of R, L, C	-	-	-	-	-	-	-	-	-	-
	2	4	problems introduction to passive and active Networks Kirchhoff's law	-	-	-	-	-	-	-	-	-	-
				-	will be shown PPTs	1	Yes	-	-	-	-	-	-

Signature of the Lecturer

K. Jyotsna

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J. Sridevi

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BASIC CIRCUIT
Theory

ANNUAL CURRICULAR					PLAN (Year)							
NAME OF THE LECTURER K. JB Bra					CLASS : <u>ITCS</u>			Semester : <u>T</u>		Paper : <u>II</u>		
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
July	3	5	Kirchhoff's voltage law, Resistor	-	-	-	-	-	-	-	-	-
			capacitor and Inductor	-	-	-	-	-	-	-	-	-
	4	5	series and parallel Networks	-	Will be shown PPTs	1	Yes	-	-	-	-	-
			Mesh analysis nodal analysis	star to delta delta to star	-	-	-	-	-	-	-	-
Aug	1	4	Problems superposition theorem	-	-	-	-	-	Debate	1	Yes	-
			Thevenin's theorem Norton's theorem	-	will be demonstrated theorems	1	Yes	-	-	-	-	-
	2	4	Maximum power Millman Theorem	Transformer	-	-	-	-	Group presentation	1	Yes	-
		Reciprocity Theorems	-	-	-	-	-	-	-	-	-	-
	3	3	RC and RL circuits Transient response	-	-	-	-	-	-	-	-	-

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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2019 - 2020

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER <i>K. JB Bm</i>					CLASS : <i>ITES</i>		Semester : <i>I</i>		Paper : <i>P - Basic circuit Theory</i>				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
			of RC circuits with DC input Time constant	Time period, frequency	-	-	-	-	-	-	-	-	-
			RL circuits	-	-	-	-	-	-	-	-	-	-
<i>Aug</i>	<i>4</i>	<i>4</i>	Frequency response of RC and RL circuits	-	-	-	-	-	-	-	-	-	-
	<i>5</i>	<i>4</i>	low pass, high pass band pass filters	<i>Filters</i>	<i>will be shown PPT'S</i>	<i>1</i>	<i>Yes</i>	-	-	-	-	-	-
			differentiating and integrating circuits	-	<i>will be demonstrated differentiators</i>	<i>1</i>	<i>Yes</i>	-	-	-	-	-	-

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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2019 - 2020

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER K. Jy Bm					CLASS : <u>ITPS</u>		Semester : <u>I</u>		Paper : <u>7 - Basic circuit Theory</u>				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
Sep	1	4	series and parallel Resonance circuits	Resonance application simple pendulum	-	-	-	-	-	-	-	-	-
			series circuits Q-factor selectivity	-	will be demonstrated by series	1	yes	-	-	-	-	-	-
	2	4	Q Band width parallel resonance circuit	-	-	-	-	-	-	-	-	-	-
	3	4	comparison of series and parallel resonance circuit problems	-	-	-	-	-	student seminar	1	yes	-	-
				-	will be shown PPTs	1	yes	-	-	-	-	-	-

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CURRICULUM LECTURER WISE 2019-2020 2018-2019

ANNUAL CURRICULAR					PLAN (Year) 2018-2019								
NAMR OF THE LECTURER Y-SRIDEVI					CLASS : IMPCS Semester : I				Paper : FC (Human Values)				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
June	I st week	3	Value education definition concept & need for value education.	-	-	-	-	-	-	-	-	-	-
	II nd	3	The content and process of value education.	-	-	-	-	-	-	-	-	-	-
	IV	3	self exploration of happiness & prosperity.	moral values	Happiness & prosperity	1hr	yes	-	student	1hr	yes	-	-
July	I st		Human being is more than a lustre Harmony of the self (I)						Seminar				
	II nd		Under standing myself as co-existence of the self										
	III rd		Under standing needs of the self & the needs of the body	You tube videos									
	IV th		Of family as a basic unit. the basics for the life of today's crisis.		basics for respect & caring	1hr	yes	-					

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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
 CURRICULUM LECTURER WISE ~~2018-2019~~ 2018-2019

ANNUAL CURRICULAR					PLAN (Year) 2018-19								
NAMR OF THE LECTURER <i>Y. Sridevi</i>					CLASS : <i>IMPCS</i> Semester : <i>1</i>				Paper : <i>Professional Ethics & Human Values</i>				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
<i>Aug</i>	<i>Ist</i>	<i>2</i>	<i>Comprehensive view of Human goal. The basic code of Ethical Human conduct</i>										
	<i>2nd</i>	<i>3</i>	<i>Defects in Ethical Human conduct</i>	<i>you tube videos</i>		<i>1hr</i>	<i>Yes</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>3rd</i>	<i>3</i>	<i>Holistic Alternative & Universal order</i>										
	<i>4th</i>	<i>3</i>	<i>Universal Human order & Ethical conduct</i>										
<i>sep</i>	<i>Ist</i>	<i>3</i>	<i>Value based life & Profession</i>						<i>student seminar</i>	<i>1hr</i>	<i>Yes</i>		
	<i>IInd</i>	<i>3</i>	<i>Professional Ethics & Right understanding</i>										
	<i>IIInd</i>	<i>2</i>	<i>competence in Professional Ethics</i>										
	<i>IV</i>	<i>3</i>	<i>Issues in P.E Vision for Holistic Technologies</i>										

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ANNUAL CURRICULAR					PLAN (Year) 2018-2019									
NAMR OF THE LECTURER Y.SRIDEVI					CLASS : II MEC				Semester : III		Paper : (III) Digital Electronics			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY					
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date		
June	I st week	4	Introduction of number system Decimal, Binary	-	-	-	-	-	Student Seminar	1hr	yes	-		
	II nd	4	Hexa decimal, octal BCD conversions	Duodecimal base 12	-	-	-	-	-	-	-	-		
	III rd	5	1's & 2's complement Subtraction Binary Addition & subtraction	9's complement 10's complement	-	-	-	-	-	-	-	-		
	IV	5	Gray Code Excess-3 Code Conversion from one to another	-	-	-	-	-	Student Seminar	1hr	yes	-		
July	I st	4	Laws of Boolean Algebra Demorgan's Law Logic Gates	Demorgan's Law Shown you tube video	shown you tube 1hr video	1hr	yes	-	-	-	-	-		
	II nd	4	Universal gates SOP & POS Explain	-	-	-	-	-	-	-	-	-		
	III rd	5	Simplify the expression K-map method Minimization Techniques	-	-	-	-	-	-	-	-	-		
	IV th	5	Pairing groups, octets, don't care conditions Half & Full Adders	How to draw the Kmap	shown you tube video	1hr	yes	-	Group discussion	1hr	yes	-		
			Half & Full subtractors	-	-	-	-	-	-	-	-	-		

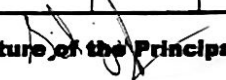
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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2019-2020 2018-19

ANNUAL CURRICULAR					PLAN (Year) 2018-2019								
NAMR OF THE LECTURER Y-SRIDEVI					CLASS : IIMEC			Semester : III		Paper : III (Digital Electronics)			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
AUG	I st	3	Parallel binary Adder Multiplexer De Multiplexer	You Tube Videos		1hr	Yes	-					
	II nd	4	Encoder Decoder RTL	-		1	-	-					
	III rd	4	DTL TTL CMOS	-			-	-					
	IV th	4	RS Flip Flop D Flip Flop clocked unclocked DFF	Show n Various Flip Flops	Various Flip Flops	1hr	Yes		Made the students prepare models	1hr	Yes		
SEP	I st	5	JKFF JK Master-slave FF TFF, shift left, right Regs.	-			-	-		Serial add	1hr	Yes	
	II nd	1	Mod 10 counter	-			-	-					
	III rd	4	Mod 16 counter Down counter	Types of counters			-	-		chart prepara- tion	1hr	Yes	
	IV th	5	PAL PLA	Revison of I st Unit			-	-					

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ANNUAL CURRICULAR					PLAN (Year) 2018-2019								
NAMR OF THE LECTURER Y. SRIDEVI					CLASS : III B-SC(MEC) Semester: V(A)				Paper : Microprocessor				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
June	1st week	4	Intro duction of 8085 Block dia of 8085	-	-	-	-	-	-	-	-	-	-
	2nd	3	Control signal & status signal Pin out diagram	-	-	-	-	-	-	-	-	-	-
	3rd	4	Data Transfer instructions Arithmetic instructions Logical instructions Stack I/O instructions	-	-	-	-	-	-	-	-	-	-
	4th	4	Branch group of instructions Addressing modes Instruction cycle machine cycle	-	-	-	-	-	-	-	-	-	-
July	1st	3	op code fetch cycle Memory read, Memory write,	Spoken youtube videos	-	1hr	Yes	-	-	-	-	-	-
	2nd	3	I/O read & I/O write RAM ROM	-	-	-	-	-	-	-	-	-	-
	3rd	4	EPROM 8bit addition subtraction MUL & DIV	Memory devices	RAM, ROM, EPROM	1hr	Yes	-	Group discussion	1hr	Yes	-	-
	4th	3	Call get & smallest stack, subroutines debugging	-	-	-	-	-	-	-	-	-	-

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ANNUAL CURRICULAR				PLAN (Year)									
NAMR OF THE LECTURER Y. SRIDEVI				CLASS : III MEC Semester : V				Paper : I (A) M.I.C.T.O PROCESSORS					
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
AUG	I st	3	8KX8 ROM diff b/w I/O mapped & memory mapped.	-	-	-	-	-	-	-	-	-	-
	II nd week	4	Revision of instructions I/O Interfacing dia	-	-	-	-	-	-	-	-	-	-
	III rd	4	Memory Interfacing diagram PPI(8255) Block dia	shown you-tube videos	-	-	-	-	Prepare models	1hr	Yes	-	-
	IV th	3	8255 modes, 8255 pin 8, control word.	-	-	-	-	-	-	-	-	-	-
SEP	I st	4	8279 Block dia display Interface	-	Brief Introduction of 8279	1hr	Yes	-	-	-	-	-	-
	II nd	1	Revision of timing diagrams of 8080 of Code Fetch Cycle	-	-	-	-	-	Student seminar	1hr	Yes	-	-
	III rd	3	Memory read, write, E _o read & I/O write.	-	-	-	-	-	-	-	-	-	-
	IV th	4	Simple Temperature Controller stepper motor control interface	-	-	-	-	-	-	-	-	-	-
									Working of stepper motor	1hr	Yes		

Signature of the Lecturer

Y. Sridevi

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ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER: K. Jyothsna					CLASS: III MEEES			Semester: V		Paper: VB - Consumer Electronics			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
June	1	4	Introduction	Electro magnetic waves and spectrum	-	-	-	-	-	-	-	-	-
			Microwave ovens	Electromagnetic waves	-	1	-	-	-	-	-	-	-
			Microwaves	-	-	-	-	-	-	-	-	-	-
	2	3	Microwave oven	-	-	-	-	-	-	-	-	-	-
			block diagram, Lcd	-	will be shown Youtube video	1	Yes	-	-	-	-	-	-
			timer with alarm	Processor block diagram	-	-	-	-	-	-	-	-	-
	3	4	single chip	-	-	-	-	-	-	-	-	-	-
			controllers - types	-	will be shown PPTs	1	Yes	-	-	-	-	-	-
			of Microwave oven	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer K. Jyothsna

Signature of the HOD Y. Indira

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ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER <i>K. Jy Dora</i>					CLASS : <i>III MGS</i>				Semester : <i>I</i>		Paper : <i>I (B) - Consumer Electronics</i>		
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
June	3		wiring and safety instructions	-	-	-	-	-	-	-	-	-	-
			case and cleaning	-	-	-	-	-	-	student seminars	1	Yes	-
June	4	4	Introduction to washing machines	-	-	-	-	-	-	-	-	-	-
			Electronic controller for washing machines	Motor, DC, Induction Motor	will be shown in youtube	1	Yes	-	-	-	-	-	-
			Hard ware software	Soft-ware program	-	-	-	-	-	-	-	-	-
July	1	4	Types of washing machines - Fuzzy logic washing machine	-	will be shown PPT's	1	Yes	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer *K. Jy Dora*

Signature of the HOD *J. Sridevi*

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ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER K. Jyothi					CLASS : <u>ITP A/D</u>			Semester : <u>I</u>		Paper : <u>(B) - Consumer Electronics</u>			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value. Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
			Feature of washing machines	-	-	-	-	-	-	-	-	-	-
			Features of washing machines	-	-	-	-	-	-	-	-	-	-
July	2	3	Introduction to Air conditioners	Refrigerator	-	-	-	-	-	-	-	-	-
			Air conditioning	-	-	-	-	-	-	-	-	-	-
	3	4	components of air conditioning system	Refrigerant types	-	-	-	-	-	-	-	-	-
			All water air conditioning system	-	-	-	-	-	-	-	-	-	-
			All air conditioning systems	-	will be shown PPTS	+	yes	-	Debate	1	yes	-	-
			conditions systems	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer K. Jyothi

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ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER <i>K. Jpt</i>					CLASS : <i>TECHS</i>			Semester : <i>II</i>		Paper : <i>V (B) - Consumer Electronics</i>			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
			unitary air conditioning system and central air conditioning system	-	-	-	-	-	-	-	-	-	-
July	4	4	split air conditioners	-	will be shown model and explained	1	Yes	-	-	-	-	-	-
			Introduction to Home/ office devices -	-	-	-	-	-	-	-	-	-	-
			Facsimile machine - xerographic copies	photo electric devices	-	-	-	-	-	-	-	-	-
Aug	1	4	Facsimile - 2 Facsimile - 3	-	-	-	-	-	-	-	-	-	-
			calculators - structure of a calculator	ALU, Block diagram of processor	will be shown model and explained	1	Yes	-	-	-	-	-	-

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2018-19

ANNUAL CURRICULAR

PLAN (Year)

NAMR OF THE LECTURER: K. Jyothi

CLASS: MCS Semester: V

Paper: V(B) - Computer Applications

MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
AUG	2	3	Integral organization of a calculator	-	will be shown model and explained	1	Yes	-	-	-	-	-
AUG	3	3	Block diagram of Digital clock	-	-	-	-	-	-	-	-	-
AUG	4	3	Digital computer Internet access	-	-	-	-	-	-	-	-	-
			online ticket reservation	online reservation today	-	-	-	-	-	-	-	-
			Functions and Networks	-	-	-	-	-	Debate	+	Yes	-
AUG	5	4	Barcode scanner and decoder	Electronic charge amplifier	will be shown youtube video	1	Yes	-	-	-	-	-
			electronic fund transfer	-	-	-	-	-	-	-	-	-

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ANNUAL CURRICULAR					PLAN (Year)							
NAMR OF THE LECTURER: K. Jy Bm					CLASS: <u>IV MCA</u>		Semester: <u>I</u>		Paper: <u>IV (S) - consumer electronics</u>			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
sep	1	4	Automated Telles machines	-	-	-	-	-	-	-	-	-
			stetop boxes	-	will be shown in youtube	1	Yes		-	-	-	-
	2	3	Digital cable TV video on demand.	modulation Digital signal	-	-	-	-	GROUP Discussion	1	Yes	

Signature of the Lecturer: K. Jy Bm

Signature of the HOD: Y. Sridhar

Signature of the Principal: Selija