

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU

CURRICULUM LECTURER WISE 2021 - 2022

ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER					CLASS :	Semester :		Paper :					
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	
NOV	3	2	Introduction, definition of current	Atoms, Resistive, Magnetistic	-	-	-	-	-	-	-	-	-
	4	5	definition of voltage	-	-	-	-	-	-	-	-	-	-
			The sine wave General format of sine wave for voltage or current	sine wave generators	-	-	-	-	-	-	-	-	-
	5	2	phase relations	R, L, C	will be show model and explained	1	Yes	-	-	-	-	-	-
Dec	1	2	Average value RMS value	-	-	-	-	-	-	-	-	-	-
	2	5	Differences b/w AC and DC	-	-	-	-	-	-	-	-	-	-

circuit Theory and electronic devices

Signature of the Lecturer

k. Jyothi

Signature of the HOD

y. siddu

Signature of the Principal

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**CURRICULUM LECTURER WISE 2021- 2022**

ANNUAL CURRICULAR					PLAN (Year)							
NAME OF THE LECTURER <i>K. Jyothsna</i>					CLASS : <i>THES</i>	Semester : <i>T</i>	Paper : <i>I</i>		CO-CURRICULAR ACTIVITY			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
			Phase relation R, L, C	-	-	-	-	-	-	-	-	-
Dec	3	5	circuit analysis loop current method nodal voltage method	kirchoff's laws	-	-	-	-	-	-	-	-
Dec	4	3	superposition Theorem, Thevenin's Theorem	-	will be demonstrated Theorems	-	-	-	-	-	-	-
	5	5	norton's theorem Maximum power	-	-	-	-	-	-	-	-	-
			Milliman and Reciprocity theorem	-	will be show youtube video	-	-	-	-	-	-	-
Jan	1	5	Frequency response of RC and RL circuits	time constant and frequency	-	-	-	-	student seminars	1	yes	-

*circuit theory and  
electronic device*

Signature of the Lecturer *K. Jyothsna*

Signature of the HOD *y. sridevi*

Signature of the Principal *K. Jyothsna*

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NAME OF THE LECTURER <i>K. Jyothsna</i>					CLASS : <i>IMEE</i>			Semester : <i>T</i>		Paper : <i>I</i>			<i>Circuit Theory and Electronic Devices</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>Jan</i>	<i>3</i>	<i>5</i>	<i>passive differentiating and Integrating ckt's</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>		
	<i>4</i>	<i>4</i>	<i>series resonance and parallel</i>	<i>-</i>	<i>will be demonstrate series resonance</i>	<i>1</i>	<i>Yes</i>	<i>-</i>	<i>Debate</i>	<i>1</i>	<i>Yes</i>	<i>-</i>	<i>-</i>		
			<i>Resonance ckt and Q factor</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>		
<i>Feb</i>	<i>1</i>	<i>4</i>	<i>Problems BJT construction</i>	<i>PN Junction diode</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>		
	<i>2</i>	<i>5</i>	<i>working and characteristics of CE</i>	<i>transistor as a switch</i>	<i>will be show model and explained</i>	<i>1</i>	<i>Yes</i>	<i>-</i>	<i>Quiz</i>	<i>1</i>	<i>Yes</i>	<i>-</i>	<i>-</i>		
			<i>FET construction</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>		

Signature of the Lecturer *K. Jyothsna*

Signature of the HOD

*y. sidani*

Signature of the Principal

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**CURRICULUM LECTURER WISE 2021 - 2022**

circuit Theory and  
electronic Device

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NAME OF THE LECTURER					CLASS :	Semester :	Paper :					
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MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
Feb	3	5	FET working and characteristics of JFET	-	-	-	-	-	-	-	-	-
	4	5	MOSFET construction and working characteristics	FET Parameters	-	-	-	-	-	-	-	-
March	1	4	Advantage of FET over BJT	-	will be show youtube video	1	Yes	-	-	-	-	-
	2	5	Full wave Rectifier Bridge wave Rectifier	-	-	-	-	-	-	-	-	-
	3	4	L-section & Pi section	SMPS	will be show model and explained	1	Yes	-	-	-	-	-
	4	5	IC voltage regulators	-	-	-	-	-	-	-	-	-
	5	3	78XX & 79XX	Photoelectric effect	-	-	-	-	-	-	-	-
April	1	5	LED, Photodiode & problems	-	-	-	-	-	-	-	-	-

Signature of the Lecturer

K. Jyotsna

Signature of the HOD

J. Sireeni

Signature of the Principal

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NOV	3	02	Introduction Definition		-	-	-	-	-	-	-	-
	4	02	Understanding the need for value Education	Moral values	-	-	-	-	-	-	-	-
Dec	1	02	Basic guidelines content and process		will be show, youtube video NRIK VU JICIS	1	yes	-	-	-	-	-
	2	02	Understanding the through providing issues, need	Moral story	-	-	-	-	-	-	-	-
			for values in our daily life		-	-	-	-	-	-	-	-
	3	02	choicemaking choosing cherishing Acting		-	-	-	-	-	-	-	-

Human values and professional ethics

Signature of the Lecturer *K. Jyothi*

Signature of the HOD *J. Sridani*

Signature of the Principal *[Signature]*

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**CURRICULUM LECTURER WISE 2021 - 2022**

*Human Values and Professional Ethics*

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Dec	4	01	classification of value Education.	-	-	-	-	-	-	-	-	-
Jan	01	02	understanding personal values	-	will be show you tube video Stephen Hawking	1	yes	-	-	-	-	-
			social values Moral values & spiritual values		-	-	-	-	-	-	-	-
	3	02	Harmony in the family, the basic unit of human interaction	Moral stories	-	-	-	-	-	-	-	-
	4	02	understanding these & proposals to verify the Harmony in family	-	-	-	-	-	-	-	-	-

Signature of the Lecturer *K. J. B. Reddy*

Signature of the HOD *G. S. Reddy*

Signature of the Principal *[Signature]*

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**CURRICULUM LECTURER WISE 2021- 2022**

*Human values and Professional ethics*

ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER <i>K. Jyothi</i>					CLASS : <i>I MESS I HCS</i> Semester : <i>I</i>				Paper : <i>Human values and Professional ethics</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	
Feb	01	02	Trust and respect as the foundational values of Relationship	-	-	-	-	-	-	-	-	-	-
	02	02	Differentiation understanding the	-	-	-	-	-	-	-	-	-	-
			Problems faced due to differentiation in relationships	-	-	-	-	-	-	-	-	-	-
	03	02	Differentiation in relationships on the basis of	-	-	1	Yes	-	-	-	-	-	-
			body, physical facilities, or beliefs	-	-	-	-	-	-	-	-	-	-
	04	02	understanding the problem faced due to differentiation in relationships	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer *K. Jyothi*

Signature of the HOD *J. Reddy*

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Human values and professional ethics

ANNUAL CURRICULAR					PLAN (Year)											
NAME OF THE LECTURER					CLASS : I M.ESE, I HODS				Semester : I				Paper :			
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				
March	01	02	Understanding the harmony in the society.	-	-	-	-	-	-	-	-	-	-			
	02	02	Samadhan, samadhi, Abhay, sah-asthi -ra es compare	-	-	-	-	-	-	-	-	-	-			
			hensive human Goals visualizing universal harmony	-	-	-	-	-	-	-	-	-	-			
			ous order in society	-	-	-	-	-	-	study say moral value	-	-	-			
	3	02	undivided society Universal order	-	-	-	-	-	-	-	-	-	-			
	4	02	from family to world family	-	-	-	-	-	-	-	-	-	-			

Signature of the Lecturer *K. J.Bra*

Signature of the HOD *J. Sidem*

Signature of the Principal *Sidem*



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*Human values and professional ethics*

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March	5	02	understanding about professional integrity	-	-	-	-	-	-	-	-	-	-
April	01	01	Respect	-	-	-	-	-	-	-	-	-	-
	02	02	Equality, Privacy	-	-	-	-	-	-	-	-	-	-
	03	01	Building trusting relationships. +ve co-operation	-	-	-	-	-	-	-	-	-	-
	04	02	Respecting the competence of other profession	-	-	-	-	-	-	-	-	-	-
	05	02	Taking initiative and openness loyalty towards Goals & objectives	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer *K. Jadhava*

Signature of the HOD *y. Sridhar*

Signature of the Principal *[Signature]*

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ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER <b>Y-SRIDEVI</b>					CLASS : <b>II M E C</b>			Semester : <b>III</b>		Paper : <b>Analog circuits &amp; communication Electronics</b>			
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	
November	3rd week	3	Definition and characteristics of op-amp, Block dia of op-Amp.	-	Block diagram shown you tube video	1hr	Yes	-	-	-	-	-	
	4th week	2	Concept of Virtual ground, of AMP parameters	OP-AMP's Impedance	-	1hr	Yes	-	-	-	-	-	
		4	Inverting & Non inverting Amplifiers. Summing Amplifier	-	-	-	-	-	-	-	-	-	
December	1st week	6	Subtractor, voltage follower, integrator, differentiator, Log Amplifier.	-	shown you tube videos.	1hr	Yes	-	-	-	-	-	
				-	-	-	-	-	-	-	-	-	
	2nd week	5	voltage regulator, Comparator, Schmitt trigger, sine wave generator	working of schmitt trigger	-	1hr	Yes	-	-	-	-	-	

Signature of the Lecturer

*Y. Sridevi*

Signature of the HOD

*Y. Sridevi*

Signature of the Principal

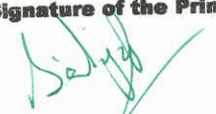
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**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2021- 20 22**

ANNUAL CURRICULAR					PLAN (Year)				Analog circuits & communication electronics.			
NAMR OF THE LECTURER Y. SRIDEVI					CLASS : IIMEC				Semester : III			
					CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
December	3rd week	3	Square wave generator. Active Filters, low pass high pass filters. IC 555 block diagram IC 555 Application	-	Shown you tube videos	1hr	yes	-	-	-	-	-
December	4th week	4	Need for modulation Expression for Amplitude modulation Frequency spectrum									
Jan	1st week	3	Bandwidth of AM, Power relations in the AM wave Transistor modulation	-	Shown various power relations	1hr	yes	-	-	-	-	-
	3rd week	3	Detection of AM signals Diode detector.	-								
	4th week	2	Theory of FM, Frequency deviation & carrier swing	-	Shown frequency deviation & carrier swing	1hr	yes	-	-	-	-	-

Signature of the Lecturer  
Y. Sridevi

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Y. Sridevi

Signature of the Principal  


SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU

CURRICULUM LECTURER WISE 2021 - 2022

ANNUAL CURRICULAR					PLAN (Year)				Analog Circuits & Communication Electronics			
NAME OF THE LECTURER: Y. SRIDEVI					CLASS: TIMEC Semester: III				Paper: III			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY			
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Jan	4th week	3	Modulation index, deviation ratio, Percent modulation, Mathematical representation of FM wave.	-	-	-	-	-	-	-	-	-
Feb	1st week	4	Generation of FM wave, Frequency spectrum & bandwidth of FM waves.	-	-	-	-	-	-	-	-	-
	2nd week	4	Generation of FM signal, Reactance modulation, Detection of FM waves.	-	1 hr	Yes	-	-	-	-	-	-
	3rd week	5	Ratio detector, Radio broadcast reception, spectrum of	-	-	-	-	-	-	-	-	-
			electromagnetic waves, AM transmitter	-	1 hr	Yes	-	-	-	-	-	-
	4th week	5	AM receiver, Super heterodyne receiver, Block diagram of FM receiver - Block diagram	-	-	-	-	-	-	-	-	-

Signature of the Lecturer

Y. Sridevi

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oct	1	4	Introduction Microwaves	Electromagnetic waves spectrum	-	-	-	-	-	-	-	-
	2	2	Microw oven block diagram	-	will be shown with video	1	Yes	-	-	-	-	-
	3	2	LCD timer with alarm	-	-	-	-	-	-	-	-	-
	4	4	single chip controller Types of Microw oven	Block diagram of processor	-	-	-	-	-	-	-	-
					will be shown ppt's	1	Yes	-	-	-	-	-
NOV	1	3	wiring and safety introductions case cleaning	-	-	-	-	-	-	-	-	-

Signature of the Lecturer K. Jobina

Signature of the HOD Y. Sudee

Signature of the Principal [Signature]

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NOV	2	4	Introduction Electronic controlled	processor input and output	-	-	-	-	-	-	-	-
			Block diagram of washing machine	-	will be show youtube video	1	Yes	-	-	-	-	-
	3	4	Hard ware and software	-	-	-	-	-	-	-	-	-
			Types of washing machine	cleaning of washing machine	-	-	-	-	-	-	-	-
	4	4	Fuzzy logic washing machine feature of washing machine	-	will be show ppt	1	Yes	-	-	-	-	-
DEC	1	4	components of AC All water AC system	-	-	-	-	-	Debate	1	Yes	-

Signature of the Lecturer  
 k. Jyothi

Signature of the HOD  
 Y. Sridevi

Signature of the Principal  
 N. Lakshmi

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ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER					CLASS :	Semester :	Paper : <i>IB - consumer electronics</i>						
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
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Dec	2	4	All water AC All air AC	-	-	-	-	-	-	Student seminar	1	Yes	-
	3	4	unitary air condition system and central ac	-	-	-	-	-	-	quiz	1	Yes	-
	4	3	split ac Introduction to home office devices	photo electric devices	will be shown model and explained	1	Yes	-	-	Group Discussion	1	Yes	-
Dec	5	4	Facsimile machine scanner Facsimile - 2 Facsimile - 3	-	-	-	-	-	-	-	-	-	-
Jan	1	4	calculator structure of a calculator	-	will be shown model and explained	1	Yes	-	-	-	-	-	-
			Internal organization of a calculator	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer *K. Jyothsna*

Signature of the HOD *J. Sridewi*

Signature of the Principal *[Signature]*

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NAME OF THE LECTURER: K. Jyothi					CLASS: III M.ECS	Semester: V	Paper: V(B) - consumer electronics			CO-CURRICULAR ACTIVITY			
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Jan	2	1	Block diagram of digital clock	mod 6, 10 counters	-	-	-	-	-	-	-	-	
Jan	3	1	Block diagram of digital clock part 2	-	will be shown youtube video	1	Yes	-	-	-	-	-	
	4	3	Digital computer internet access	-	-	-	-	-	student seminar	1	Yes	-	
Feb	1	4	online ticket reservation functions and its	online ticket reservation of train	-	-	-	-	-	-	-	-	
	2	4	Barcode scanner and decoder	scanner	will be shown model and explained	1	Yes	-	-	-	-	-	
	3	4	Electronic fund transfer	-	-	-	-	-	student PPTs	1	Yes	-	

Signature of the Lecturer: K. Jyothi

Signature of the HOD: Y. Sidani

Signature of the Principal: [Signature]



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ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER: Y. SRIDEVI					CLASS: II MEC				Semester: ICA		Paper: Macro processors		
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
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October	1st week	6	Introduction of MP. Block dia of 8085. Pin dia of 8085	-	shown you tube video	1hr	Yes	-	-	-	-	-	-
			Data Path Instructions Arithmetic & Logical Instructions	-	-	-	-	-	-	-	-	-	-
	3rd week	4	Branch group of Instructions, Stack I/O Instructions. Addressing modes of 8085.	-	Different types of Instructions	1hr	Yes	-	Student seminar	1hr	Yes	-	-
	4th week	4	Instruction cycle, MC, FC, Timing diagrams for code fetch cycle.	-	-	-	-	-	QUIZ	1hr	Yes	-	-
November	1st week	3	Memory read, Memory write, I/O read, I/O write	-	-	-	-	-	-	-	-	-	-
	4th week	4	Functional explanation for RAM, ROM, EPROM	-	working principle of RAM & ROM	1hr	Yes	-	GROUP discussion	1hr	Yes	-	-

Signature of the Lecturer

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**CURRICULUM LECTURER WISE 2021 - 2022**

<b>ANNUAL CURRICULAR</b>					<b>PLAN (Year)</b>								
NAMR OF THE LECTURER <b>Y.SRIDEU</b>					CLASS : <b>III MEC</b>			Semester : <b>IV</b>		Paper : <b>ICA</b> <b>MICRO PROCESSORS</b>			
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	
December	1st week	4	Addition & subtraction (6-bit), multiplication division.	-	-	-	-	-	Student seminar	1hr	Yes	-	
	2nd week	6	Largest & Smallest Stack & Subroutine	-	ALL JST Additional & subtraction & division	1hr	Yes	-	-	-	-	-	
	3rd week	5	Debugging Program.	-	-	-	-	-	-	-	-	-	
			2Kx8 ROM Diff b/w I/O mapped & memory mapped I/O	-	Memory Interfacing & I/O Interfacing	1hr	Yes	-	Remedial class	1hr	Yes	-	
	4th week	3	Interfacing of memory mapped I/O, Interfacing of I/O port to memory mapped I/O	-	-	-	-	-	-	-	-	-	
				-	-	-	-	-	-	-	-	-	

Signature of the Lecturer  
*Y. Sridevi*

Signature of the HOD  
*Y. Sridevi*

Signature of the Principal  
*Sahaji*

2021-2022

**ANNUAL CURRICULAR**

**PLAN (Year)**

NAMR OF THE LECTURER Y. SRIDEVI

CLASS : II MEC Semester : V(A)

Microprocessor

Paper : II(A)

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	
Jan	1st week	3	Programmable peripheral device (8255) pin functions	-	-	-	-	-	-	-	-	-	-
	4th week	4	Different modes & block diagram keyboard 8279	operating modes of 8255	-	1hr	Yes	-	-	-	-	-	-
			simple Temperature Controller - stepper motor	-	-	-	-	-	-	-	-	-	-
			Contr of interface	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer  
Y. Sridevi

Signature of the HOD  
Y. Sridevi

Signature of the Principal  
[Signature]