

ACADEMIC CALENDAR

B.Tech/B.Pharm II, III & IV Years - I Semester (2020-2021)

Online classes from 17.08.2020

Re opening of colleges	02.11.2020	
II-I	02.11.2020 to 12.11.2020	(10 Days)
IV-I	16.11.2020 to 26.11.2020	(10 Days)
III-I	27.11.2020 to 08.12.2020	(10 Days)
II-I (include I-Mid)	09.12.2020 to 19.12.2020	(10 Days)
IV-I (include I-Mid)	21.12.2020 to 31.12.2020	(10 Days)
III-I(include I-Mid)	02.01.2021 to 16.01.2021	(10 Days)
II-I	18.01.2021 to 28.01.2021	(10 Days)
IV-I	29.01.2021 to 09.02.2021	(10 Days)
III-I	10.02.2021 to 20.02.2021	(10 Days)
IV-I (II Mid & Lab Exams)	10.02.2021 to 20.02.2021	(10 Days)
III-I (II Mid & Lab Exams)	21.02.2021 to 27.02.2021	(01 Week)
II-I (II Mid & Lab Exams)	28.02.2021 to 06.03.2021	(01 Week)
IV-I End Examinations	22.02.2021 to 10.03.2021	(2½ Weeks)
III-I & II-I End Examinations	12.03.2021 to 26.03.2021	(02 Weeks)
Commencement of Class Work for IV Year B.Tech/B.Pharm II semester	15.03.2021 (Monday)	
Commencement of Class Work for II & III Years B.Tech/B.Pharm - II semester	08.04.2021 (Thursday)	

Note:

The Mid-term Examinations should be conducted and completed as per the schedule given.

All the midterm examinations shall be of both objective and descriptive type as per the academic regulations.

Date: 12.02.2021


DIRECTOR OF EVALUATION

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SANTHIRAM ENGINEERING COLLEGE:: NANDYAL

(Approved by AICTE, New Delhi; Permanent Affiliated to JNTU-A, Anantapurum)
An ISO 9001:2015 Certified Institution, 2(f) & 12(B) Recognition by UGC Act, 1956
NH-40, Nandyal-518501: Kurnool Dist. A.P.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Academic calendar for the Year 2020-2021 (B. Tech II, III & IV Years, I SEMESTER)

S.NO.	PROGRAM	DATE	DURATION
1	Online Classes started from	17.08.2020	
2	Proposed to conduct One Week online Faculty development program	2 nd week of October	(06 Days)
3	Re-opening of college for Physical Classes	02.11.2020	
4	II-I	02.11.2020 to 12.11.2020	(10 Days)
5	IV-I	16.11.2020 to 26.11.2020	(10 Days)
6	III-I	27.11.2020 to 08.12.2020	(10 Days)
7	Proposed to conduct Workshop for Non Teaching Staff	2 nd week of December	(05 Days)
8	I Mid-term Examinations: (1 st Objective + 1 st descriptive) for II-I	09.12.2020 to 19.12.2020	(10 Days)
9	I Mid-term Examinations: (1 st Objective + 1 st descriptive) for IV-I	21.12.2020 to 31.12.2020	(10 Days)
10	I Mid-term Examinations: (1 st Objective + 1 st descriptive) for III-I	02.01.2021 to 16.01.2021	(10 Days)
11	Proposed to conduct online Faculty development program	1 st week of January	(01 Days)
12	Proposed to conduct one-week Add-on program	3 rd week of January	(06 Days)
13	II-I	16.1.2021 to 26.1.2021	(10 Days)
14	IV-I	29.1.2021 to 09.2.2021	(10 Days)
15	III-I	10.02.2021 to 20.02.2021	(10 Days)
16	II Mid-term Examinations: (2 nd Objective + 2 nd descriptive+ Lab) for IV-I	10.02.2021 to 20.02.2021	(10 Days)
17	II Mid-term Examinations: (2 nd Objective + 2 nd descriptive+ Lab) for III-I	21.02.2021 to 27.02.2021	(01 Week)
18	II Mid-term Examinations: (2 nd Objective + 2 nd descriptive+ Lab) for II-I	28.02.2021 to 06.03.2021	(01 Week)
19	Proposed to conduct Faculty development program	1 st week of March	(01 Days)
20	IV-I End Examinations	22.02.2021 to 10.03.2021	(21/2 Week)
21	II-I & III-I End Examinations	12.03.2021 to 26.03.2021	(02 Week)
22	Commencement of Class Work for B.Tech IV Year II semester	15.03.2021(Monday)	
23	Commencement of Class Work for B.Tech II & III Year II semester	08.04.2021(Thursday)	


HOD


PRINCIPAL

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DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

W.E.F: 15-03-2021

IV-B.TECH II SEM ECE (A) (2017 BATCH)

DAY	1 (9.30- 10.20)	2 (10.20- 11.10)	3 (11.30- 12.20)	4 (12.20- 1.10)	LUNCH BREAK	5 (2.20-3.10)	6 (3.10-4.00)	7 (4.00-5.00)
MON	PRA	PRA	ADSPMW	ADSPMW		PROJECT WORK		
TUE	ADSPMW	ADSPMW	PRA	PRA		PROJECT WORK		
WED	PRA	PRA	ADSPMW	ADSPMW		PROJECT WORK		
THUR	PRA	PRA	ADSPMW	ADSPMW		PROJECT WORK		
FRI	ADSPMW	ADSPMW	PRA	PRA		PROJECT WORK		
SAT	PROJECT WORK					PROJECT WORK		

PRA - PATTERN RECOGNITION & APPLICATIONS

: Mr.S.MUNAWWAR

ADSPMW- ADVANCED DIGITAL SIGNAL PROCESSING MULTIRATE & WAVELET

: Mr. M.MAHESH KUMAR

Class Teacher

:Mr. M.MAHESH KUMAR


HECE

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DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

W.E.F: 17 -08-2020

IV B.TECH I SEM ECE-A (2017 BATCH)

DAY	1 (9.30-10.20)	2 (10.20-11.10)	3 (11.30-12.20)	4 (12.20-1.10)	LUNCH BREAK	5 (2.20-3.10)	6 (3.10-4.00)	7 (4.00-5.00)
MON	DCN	DIP	DIP	MWE		MWE	RS	ES
TUE	MWE	DIP	DCN	ES		VLSI&ES/MWOC LAB		
WED	RS	MWE	RS	DCN		OFC	OFC	ES
THUR	MWE	ES	OFC	MWE		DCN	RS	DIP
FRI	OFC	RS	RS	DCN		DIP	ES	DIP
SAT	ES	DCN	OFC	OFC		VLSI&ES/MWOC LAB		

OFC - OPTICAL FIBER COMMUNICATIONS

ES - EMBEDDED SYSTEMS

RS - RADAR SYSTEMS

DIP - DIGITAL IMAGE PROCESSING

MWE - MICROWAVE ENGINEERING

DCN - DATA COMMUNICATIONS & NETWORKING

MWOC LAB - MICROWAVE & OPTICAL COMMUNICATIONS LAB

VLSI & ES LAB - VLSI & EMBEDDED SYSTEMS LAB

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CLASS TEACHER

COUNCILOR

: Ms. T.NAGAMANI

: Ms. V.NAGAMANI

: Ms. A.ANURADHA

: DR.Y.MALLIKARJUNA RAO

: Mr.M.MAHESH KUMAR

: Mr.Y.MAHESHI

: Mr. M.M.K/M.A.K

: Mrs. V.N/Y.M

: Mrs. T.NAGAMANI

: Mrs. V.NAGAMANI

: Mrs. T.NAGAMANI

: Mr.M.MAHESH KUMAR


HECE

Lesson Plan

Branch : ECE

Year & Semester : IV & II

Name of the Faculty : S. MURAWALI

Department : ECE

Subject Name : PRA

Subject Code : 15AD4803

Text / or Reference Books (s)

1. Richard O. Duda, Peter E. Hart and David G. Stork, "Pattern Classification," John Wiley & Sons, 2001.
2. Earl, Gose, Richard Johnsonbaugh and Steve Jost, "Pattern Recognition and Image Analysis," Prentice Hall, 1999.
- 4.
- 5.

Unit / Item No.	Topics (s)	Book Reference	Page Number		Proposed No. of Periods
			From	To	
I	Introduction				
	Feature Extraction				
	Pattern Recognition Concept				
	Supervised & Unsupervised Classification				
	Introduction to Application Areas				8
II	Statistical Pattern Recognition				
	Bayes Decision Theory				
	Minimum Error & Minimum Risk Classifiers, Discriminant Function and Decision Boundary				
	Normal Density, Discriminant Function for Discrete Features				
	Parameter Estimation				16
III	Dimensionality Problem				
	Dimension and Accuracy				
	Computational Complexity				
	Dimensionality Reduction				
	Fisher Linear Discriminant				

LECTURE RECORD

Subject : PRA

Duration of each exam (Mid) : 1hr 50 min

Credits : 03

Max. Marks : 30

No. of Internal Exams (Mids) :

S.No.	Date	Topic Covered / Exercise Completed	Remarks
	15-3-21	Introduction	Unit-I Completed
	16-3-21	Feature Extraction	
	17-3-21	Pattern Recognition Concept	
	18-3-21	Supervised and unsupervised Classification	
	19-3-21	Introduction to Application Areas	
	22-3-21	Statistical Pattern Recognition	Unit-II Completed
	23-3-21	Bayes Decision Theory	
	24-3-21	Minimum Error and Minimum Risk Classifiers	
	25-3-21	Discriminant Function	
	26-3-21	Decision Boundary	
	29-3-21	Normal Density	
	30-3-21	Discriminant Function for Discrete Features	
	31-3-21	Parameter Estimation	
	1-4-21	Dimensionality Problem	Unit-III Completed
	5-4-21	Dimension and Accuracy	
	6-4-21	Computational Complexity	
	7-4-21	Dimensionality Reduction	
	8-4-21	Fisher Linear Discriminant	
	9-4-21	Multiple Discriminant Analysis	
	12-4-21	Non Parametric Pattern Classification	
	15-4-21	Density Estimation	
	16-4-21	Nearest Neighbor Rule	
	19-4-21	Fuzzy Classification	
	20-4-21	Linear Discriminant Function	Unit-IV Completed
	22-4-21	Separability	



SANTHIRAM ENGINEERING COLLEGE
Nandyal- 518 501, Kurnool District, A. P.

SHEC/EEE/F-062

Rev.00

MONTHLY SYLLABUS COVERAGE REPORT

Class / Sem : II - 2

Department : EEE

Date : 2/12/2020

Month & Year : NOV - 2020

Sl. No.	Name of the Subject/Lab	Name of the Faculty	No. of units /Experiments covered (Cumulative)	Percentage of Syllabus Coverage	No. of Slip Tests Conducted	Faculty Sign
1.	PSA	V. Ramaswamy	2nd unit ending	40%	-	V.R.
2.	SDC	S. Ramesh	2nd unit ending	35%	-	S.R.
3.	DCMT	M. Sivasankar	2nd unit running	25%	01 Assignment	M.S.
4.	DELD	N. Sreenivasa Rao	1 1/2 unit completed	30%	-	N.S.
5.	BEC	V.R. Sridhar	1 unit completed	20%	01 Assignment	V.R.
6.	CVT	Dr. B. Lakshmi	1 unit completed	20%	-	Dr. B.L.
7.	BE	M. Divya	2 Unit. Completed	20%	-	M.D.
8.						

PRINCIPAL
[Signature]

M. Divya
HOD



SANTIHARAM ENGINEERING COLLEGE
Nandyal-518 501, Kurnool District, A. P.

SREC/EEE/F-062

Rev.00

MONTHLY SYLLABUS COVERAGE REPORT

Class / Sem : 5 / I

Department : EEE

Month & Year : Jan-2021


Date : 05/02/2021

Sl. No.	Name of the Subject/Lab	Name of the Faculty	No. of units /Experiments covered (Cumulative)	Percentage of Syllabus Coverage	No. of Slip Tests Conducted	Faculty Sign
1.	BEC	S. Seetharam uden	3 - units completed	60%	1	
2.	PSA	V. Ramaswamy	3 rd unit running (2/3 comp)	50%	1	VF
3.	BFE	Dr. M. Sarma	4 th unit completed	80%	0	Dr. M. Sarma
4.	PELD	Sreenivasa Rao N	4 th unit completed	80%	3	L
5.	BDC	S. Rambabu	4 th unit running	70%	2	A
6.	CVT PHS	Dr. B. Lakshmi	3 rd unit ending	60%	0	Dr. B. Lakshmi
7.	DCMT	M. Siva Sankar	3 unit ending	60%	0	

M. Siva Sankar
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TEACHING PLAN & TOPICS COVERED

COMPILER DESIGN(CSE Section-1)

Topics Covered

Previous Data

SL. NO	DATE	UNIT	PERIODS	TOPICS COVERED
1	22/06/2021	III	4,5	Evaluation order and Dependency Graph, Annotated arse tree
2	23/06/2021	III	1	Applications of SDT
3	26/06/2021	3	2	Intermediate code generation
4	29/06/2021	3	4,5	Representation of Threeaddress code and slistest
5	30/06/2021	3	1	Types and declarations and translations of expressions
6	03/07/2021	III	2	Backpatching switch Statement
7	04/07/2021	III	4	Runtime Codegeneration

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