

Academic
calendar
2021-2022

ACADEMIC CALENDAR

B.Tech II Year - II Semester (2021-2022)

I Spell of Instructions	25.04.2022 to 25.07.2022	(09 Weeks)
I Mid-Term Examinations	20.06.2022 to 22.06.2022	(03 Days)
II Spell of Instructions:	23.06.2022 to 16.08.2022	(06 Weeks)
Issue of End Examination Notification	25.07.2022	
Finalization & submission of attendance to University (considering presumptive attendance for a period of one week)	10.08.2022 (Wednesday) (Presumptive week from 10.08.2022 to 16.08.2022)	(01 Week)
II Mid-Term Examinations:	17.08.2022 to 20.08.2022	(03 Days)
Preparation and Practicals:	22.08.2022 to 27.08.2022	(06 Days)
End Examinations	29.08.2022 to 09.09.2022	(02 Weeks)

Note:

- The midterm examinations are to be conducted during both forenoon and afternoon sessions and are to be completed as per the schedule given above.
- All the midterm examinations shall be of both objective and subjective types as per the institute regulations.
- Loss of working days due to non-availability reasons, etc. shall be made up by compulsory work on second Saturdays, Sundays or other working days except on National holidays and important festivals.

Signature
Date

Head of Institution
Name of Institution

ACADEMIC CALENDAR

B.Tech/B.Pharm III Year - II Semester (2021-2022)

Commenced from	14.03.2022	
I Spell of Instructions	14.03.2022 to 07.05.2022	(08 Weeks)
I Mid-term Examinations: (1 st Objective + 1 st descriptive)	09.05.2022 to 16.05.2022	(01 Week)
II Spell of Instructions:	17.05.2022 to 08.07.2022	(08 Weeks)
Issue of Examination Notification	20.06.2022	
Finalization & submission of attendance to University (considering presumptive attendance for a period of one week)	02.07.2022 (Saturday) (Presumptive week from 02.07.2022 to 08.07.2022)	
II Mid-term Examinations: (2 nd Objective + 2 nd descriptive)	11.07.2022 to 16.07.2022	(01 Week)
End Laboratory Examinations	18.07.2022 to 23.07.2022	(01 Week)
End Theory Examinations:	25.07.2022 to 06.08.2022	(02 Weeks)

Note:

- The Mid-term Examinations should be conducted and completed as per the schedule given.
- For slippage of working days due to any unavoidable reasons, compensation can be made by conducting class work on second Saturdays, Sundays and other holidays, except on National Holidays and important festivals.

Date: 26.02.2022

Handwritten signature and date: 26.02.22

Digitally signed by KESHAVA REDDY
EDDULA
Date: 2022.02.26 15:27:15 +05'30'

DIRECTOR OF EVALUATION

Handwritten initials/signature



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR, ANANTHAPURAMU

ACADEMIC CALENDAR

B.Tech IV Years - II Semester (2021-2022)

Commenced from	03.03.2022	
I Spell of Instructions:	03.03.2022 to 21.04.2022	(07 Weeks)
I Mid-term Examinations: (1 st Objective + 1 st descriptive)	22.04.2022 to 23.04.2022	(02 Days)
Project work	25.04.2022 to 28.05.2022	(05 Weeks)
II Spell of Instructions:	30.05.2022 to 25.06.2022	(04 Weeks)
Issue of Examination Notification	02.06.2022	
Finalization & submission of attendance to University (considering presumptive attendance for a period of one week)	20.06.2022 (Monday) (Presumptive week from 20.06.2022 to 25.06.2022)	
II Mid-term Examinations: (2 nd Objective + 2 nd descriptive)	27.06.2022 to 28.06.2022	(02 Days)
End Theory Examinations:	29.06.2022 to 01.07.2022	(03 Days)
Project Viva Voce Examinations:	02.07.2022 to 14.07.2022	(10 Days)

Note:

- The Mid-term Examinations should be conducted and completed as per the schedule given.
- For slippage of working days due to any unavoidable reasons, compensation can be made by conducting class work on second Saturdays, Sundays and other holidays, except on National Holidays and important festivals.

Digitally signed by KESHAVA REDDY
EDDULA
Date: Sat Feb 26 16:06:38 IST 2022

DIRECTOR OF EVALUATION

Date: 26.02.2022

to
OAS/HOD/g
K
26.02.22

88 102



MAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR, ANANTHAPURAMU

ACADEMIC CALENDAR

B.Tech II Year I Semester (2021-2022)

I Spell of Instructions:	01.12.2021 to 25.01.2022	(08 Weeks)
I Mid-Term Examinations:	27.01.2022 to 29.01.2022	(03 Days)
II Spell of Instructions:	31.01.2022 to 26.03.2022	(08 Weeks)
Issue of End Examination Notification	07.03.2022	
Finalization & submission of attendance to University (considering presumptive attendance for a period of one week)	21.03.2022 (Monday) (Presumptive week from 21.03.2022 to 26.03.2022)	(01 Week)
II Mid-Term Examinations:	28.03.2022 to 30.03.2022	(03 Days)
Preparation and Practicals:	31.03.2022 to 06.04.2022	(06 Days)
End Examinations:	07.04.2022 to 23.04.2022	(02½ Weeks)

Note:

- (i) The midterm examinations are to be conducted during both forenoon and afternoon sessions and are to be completed as per the schedule given above.
- (ii) All the midterm examinations shall be of both objective and descriptive type as per the academic regulations.
- (iii) For slippage of working days due to any unavoidable reasons, compensation can be made by conducting class work on second Saturdays, Sundays and other holidays, except on National Holidays and important festivals.

Digitally signed by KESHAVA REDDY
EDDULA
Date: Mon Nov 29 15:28:24 IST 2021

DIRECTOR OF EVALUATION

P.T.O

Date: 29.11.2021

CO
OAS / HOD
29/11/21

Page 1 of 2

ACADEMIC CALENDAR

B.Tech/B.Pharm III & IV Years - I Semester (2021-2022)

Proposed by the University

Commenced from	08.10.2021	
I Spell of Instructions:	08.10.2021 to 01.12.2021	(08 weeks)
I Mid-term Examinations: (1 st Objective + 1 st descriptive)	02.12.2021 to 04.12.2021	(03 days)
II Spell of Instructions:	06.12.2021 to 29.01.2022	(08 weeks)
Finalization & submission of attendance to University (considering presumptive attendance for a period of one week)	24.01.2022 (Monday) (Presumptive week from 24.01.2022 to 29.01.2022)	
Issue of Examination Notification	25.01.2022	
II Mid-term Examinations: (2 nd Objective + 2 nd descriptive)	31.01.2022 to 02.02.2022	(03 days)
End laboratory Examinations:	03.02.2022 to 09.02.2022	(06 days)
End Theory Examinations:	10.02.2022 to 26.02.2022	(02½ weeks)
Commencement of Class Work for III & IV Years B.Tech/B.Pharm II semester	28.02.2022 (Monday)	

Note:

- > The Mid-term Examinations should be conducted and completed as per the schedule given.
- > For slippage of working days due to any unavoidable reasons, compensation can be made by conducting class work on second Saturdays, Sundays and other holidays, except on National Holidays and important festivals.

Date: 07.10.2021

Digitally signed by KESHAVA REDDY
EDDULA
DIRECTOR OF EVALUATION

(Handwritten signature)



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 2021-2022 (B. Tech II, III & IV Years, I SEMESTER)

S.NO.	PROGRAM	DATE	DURATION
1	Proposed Alumni Webinar Series for All ECE students	1 st week of August	(08 Days)
2	Commenced Class work for IV & III-I Year From	08.10.2021	
3	I Spell of Instructions	08.10.2021 to 01.12.2021	(08 Week)
4	Proposed to conduct One Week Certificate Program "Machine Learning Tools" for IV & III-I Year Students	3 rd week of November	(06 Days)
5	I Spell of Instructions for II-I students	01.12.2021 to 25.01.2022	(08 Week)
6	Proposed to conduct One Week Certificate Program on "English for Professional Engineers" for IV & III-I Year Students	2 nd week of December	(06 Days)
7	I Mid-term Examinations: (1 st Objective + 1 st descriptive) for IV & III-I	02.12.2021 to 04.12.2021	(03 Days)
8	II Spell of Instructions	06.12.2022 to 29.01.2022	(08 Week)
9	Proposed Industrial Visit to BSNL for III year Students	1 st Week of January	(01 Days)
10	Submission of Finalized attendance of IV & III-I	24.01.2022	
11	Issue of Examination notification of IV & III-I	25.01.2022	
12	Proposed One day seminar on "IPR, Patents" for Faculties & Students	Last week of January	(01 Days)
13	I Mid-term Examinations: (1 st Objective + 1 st descriptive) for II-I	27.01.2022 to 29.01.2022	(03 Days)
14	II Mid-term Examinations: (2 nd Objective + 2 nd descriptive) for IV & III-I	31.01.2022 to 02.02.2022	(03 Days)
15	II Spell of Instructions	31.01.2022 to 26.03.2022	(08 Week)
16	IV & III-I End Lab Examinations	03.02.2022 to 09.02.2022	(06 Days)
17	IV & III-I End theory Examinations	10.02.2022 to 26.02.2022	(2 1/2 Week)
18	Commencement of Class Work for B.Tech III & IV Year II semester	28.02.2022(Monday)	
19	Issue of Examination notification of II-I	07.03.2022	
20	Submission of Finalized attendance of II-I	27.03.2022	
21	II Mid-term Examinations: (2 nd Objective + 2 nd descriptive) for II-I	28.03.2022 to 30.03.2022	(03 Days)
22	Department Club for all ECE	03.03.2022	(01 Days)
23	Proposed One Week Certificate Program on "Drone Technology" for III Year Students	3 rd Week of March	(06 Days)
24	Preparation & Practicals for II-I	31.03.2022 to 06.04.2022	(06 Days)
25	Proposed One Week Add-on Program on "Antenna Design Using HFSS/ CST" for IV Students	2 nd Week of April	(06 Days)
26	END Examinations for II-I	07.04.2022 to 23.04.2022	(2 1/2 Week)
27	Proposed One Week Certificate Program on AWS – Cloud Computing for IV Students	3 rd Week of April	(06 Days)



SANTHIRAM ENGINEERING COLLEGE:: NANDYAL

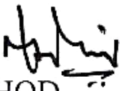
(Approved by AICTE, New Delhi; Permanent Affiliated to JNTU-A, Anantapurum)

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

28	International Conference for Students & Faculty	4 th Week of April	(01 Day)
29	Proposed A Program on Entrepreneurship: Awareness & Opportunities for all ECE students	2 nd Week of May	(01 Day)
30	Proposed One Week Faculty Development Program on "Bio-Inspired Algorithms for Agriculture Image Processing" for Faculties & M.Tech Students	3 rd Week of May	(06 Days)
31	Proposed One Week Add-on Program on "Communication System Design Using Python" for II ECE	4 th Week of May	(06 Days)
32	Proposed Industrial visit to All India Radio Station, Kurnool	2 nd Week of June	(01 Day)
33	Proposed Industrial visit to Kurnool Mega Solar Power Park	3 rd Week of June	(01 Day)
34	Proposed SIGMA-22 Students Symposium for All ECE Students	4 th Week of June	(02 Day)


HOD


PRINCIPAL



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 2021-2022 (B. Tech III & IV Years, II SEMESTER)

S.NO.	PROGRAM	DATE	DURATION
1	I Spell of Instructions for IV year students	03.03.2022 to 21.04.2022	(07 Weeks)
2	I Spell of Instructions for III year students	14.03.2022 to 07.05.2022	(08 Weeks)
3	Proposed One Week Add-on Program on "Antenna Design Using HFSS/ CST" for IV Students	3 rd Week of April	(06 Days)
4	I Mid-term Examinations: (1 st Objective + 1 st descriptive) for IV year students	22.04.2022 to 23.04.2022	(02 Days)
5	Proposed One Week Certificate Program on "Drone Technology" for III Year Students	3 rd Week of April	(06 Days)
6	Proposed One Week Certificate Program on AWS – Cloud Computing for IV Students	3 rd Week of April	(06 Days)
7	International Conference for Students & Faculty	4 th Week of April	(01 Day)
8	I Mid-term Examinations: (1 st Objective + 1 st descriptive) for III year students	09.05.2022 to 16.05.2022	(01 Week)
9	Project work	25.04.2022 to 28.05.2022	(05 Weeks)
10	Proposed to conduct 1 st review Project work	2 nd week of May	(02 Days)
11	II Spell of Instructions for IV year students	30.05.2022 to 25.06.2022	(04 Weeks)
12	Proposed to conduct 2 nd review Project work	4 th week of May	(02 Days)
13	Proposed to conduct 3 rd review Project work	2 nd week of June	(02 Days)
14	II Spell of Instructions for III year students	17.05.2022 to 08.07.2022	(08 Weeks)
15	Proposed A Program on Entrepreneurship: Awareness & Opportunities for all ECE students	2 nd Week of May	(01 Day)
16	Proposed One Week FDP on "Bio-Inspired Algorithms for Agriculture Image Processing" for Faculties & M.Tech Students	3 rd Week of May	(06 Days)
17	Proposed One Week Add-on Program on "Communication System Design Using Python" for II ECE	4 th Week of May	(06 Days)
18	Proposed Industrial visit to All India Radio Station, Kurnool	2 nd Week of June	(01 Day)
19	Proposed Industrial visit to Kurnool Mega Solar Power Park	3 rd Week of June	(01 Day)
20	Proposed SIGMA-22 Students Symposium for All ECE Students	4 th Week of June	(02 Day)
21	Issue of Examination notification of IV year students	02.06.2022	
22	Issue of Examination notification of III year students	20.06.2022	
23	Submission of Finalized attendance of IV year students	20.06.2022	
24	II Mid-term Examinations: (2 nd Objective + 2 nd descriptive) for IV year students	27.06.2022 to 28.06.2022	(02 Days)
25	II Mid-term Examinations: (2 nd Objective + 2 nd descriptive) for III year students	11.07.2022 to 16.07.2022	(01 Week)



SANTHIRAM ENGINEERING COLLEGE:: NANDYAL

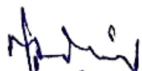
(Approved by AICTE, New Delhi; Permanent Affiliated to JNTU-A, Anantapuram)

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

	descriptive) for III year students		
26	End theory Examinations for IV year students	29.06.2022 to 01.07.2022	(03 Days)
27	Project Viva voce examinations for IV year students	02.07.2022 to 14.07.2022	(10 Days)
28	End Lab Examinations for III year Students	18.07.2022 to 23.07.2022	(01 Week)
29	End theory Examinations for III year students	25.07.2022 to 06.08.2022	(02 Week)


HOD


PRINCIPAL

SANTHIRAM ENGINEERING COLLEGE: NANDYAL

Approved by AICTE, New Delhi: Permanently Affiliated to J.N.T. University, Anantapur, A.P
An ISO 9001:2015 Certified Institution Recognition of the college under 2 (f) & 12 (B) of the UGC ACT, 1956
NH-40, Nandyal – 518501:: Kurnool Dist. A.P

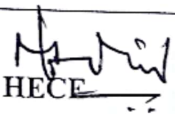
DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

W.E.F: 01-12-2021 ✓

II B. TECH I SEM ECE-A (2020 BATCH)

DAY	1 (9.00-09.50)	2 (09.50-10.40)	3 (10.55-11.45)	4 (11.45-12.35)	LUNCH BREAK	5 (01.40-02.30)	6 (02.30-03.20)	7 (03.20-04.10)	8 (04.10-05.00)
MON	CVT	MEFA	AC	CVT		EE/T	SS	ADP	ADP/RS
TUE	EE	CVT	MEFA	MEFA/T		SS	AC/LIB	SS	MM
WED	AC	BS/ET LAB				EE	AC/SEM	ADP	ADP/RS
THUR	AC	AC/BS LAB				MEFA	MEFA	AC/T	PET/RS
FRI	CVT	AC/ET LAB				SS	EE	CVT/T	EE/RS
SAT	ADP	SS	CVT	SS/T		UHV	UHV	AC	AC/RS

SUB	SUBJECT NAME	FACULTY NAME
CVT	COMPLEX VARIABLES AND TRANSFORMS	Mr.K.RAMESH
SS	SIGNALS AND SYSTEMS	Mr.N.SREENIVASA RAO
EE	ELETRICAL ENGINEERING	Mr.V.RAMANJANEYULU
AC	ANALOG CIRCUITS	Mr.S.RAMBABU
ADP	APPLICATION DEVELOPMENT WITH PYTHON	Mr.KIRAN KUMAR
MEFA	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	Ms.PRATHIBHA
BS	SIMULATION LAB	Mr.S.M/M.A.K
EE	ELECTRICAL ENGINEERING LAB	Mr.V.RAMANJANEYULU
AC	ANALOG CIRCUITS LAB	Mr.S.R/N.J
CT	CLASS TEACHER	Mr.N.SREENIVASA RAO
UHV	UNIVERSAL HUMAN VALUES	Ms.R.RAMADEVI
MM	MENTOR MENTEE	
LIB	LIBRARY	Ms.G.SOWMYA
SEM	SEMINAR	Dr.E.JAYAPAL
RS	REMEDIAL SESSION	
SUB/T	SUBJECT NAME TUTORIAL	


HECE

Head of the Department
Electronics and Communication Dept.
Santhiram Engineering College
NANDYAL, Kurnool (Dist), A.P.



SANTHIRAM ENGINEERING COLLEGE: NANDYAL

Approved by AICTE, New Delhi: Permanently Affiliated to J.N.T. University, Anantapur, A.P
An ISO 9001:2015 Certified Institution Recognition of the college under 2 (f) & 12 (B) of the UGC ACT, 1956
NH-40, Nandyal – 518501:: Kurnool Dist. A.P

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

W.E.F: 01-12-2021 ✓

II B.TECH I SEM ECE-B (2020 BATCH)

DAY	1 (9.00- 09.50)	2 (09.50- 10.40)	3 (10.55- 11.45)	4 (11.45- 12.35)	LUNCH BREAK	5 (01.40- 02.30)	6 (02.30- 03.20)	7 (03.20- 04.10)	8 (04.10- 05.00)
MON	SS	BS/ET LAB				SS/SEM	AC	UHV	AC/RS
TUE	SS	AC/BS LAB				AC	MEFA/T	ADP	MM
WED	MEFA	ADP	AC/T	SS		MEFA	CVT	EE	MEFA/RS
THUR	EE	SS/LIB	SS/T	MEFA		AC	CVT	CVT/T	CVT/RS
FRI	EE	MEFA	MEFA	CVT		AC	ADP	EE	SS/RS
SAT	AC	AC/ET LAB				SS	EE/T	ADP	ADP/RS

SUB	SUBJECT NAME	FACULTY NAME
CVT	COMPLEX VARIABLES AND TRANSFORMS	Ms.T MANIDEEPIKA
SS	SIGNALS AND SYSTEMS	Mr.N.SREENIVASA RAO
EE	ELETRICAL ENGINEERING	Mr.V.RAMANJANEYULU
AC	ANALOG CIRCUITS	Ms.N.JYOTHSNA
ADP	APPLICATION DEVELOPMENT WITH PYTHON	Mr.KIRAN KUMAR
MEFA	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	Ms.PRATHIBHA
BS	SIMULATION LAB	Mr.S.M/N.S.R
EE	ELECTRICAL ENGINEERING LAB	Mr.V.RAMANJANEYULU
AC	ANALOG CIRCUITS LAB	Mr.S.R/N.J
CT	CLASS TEACHER	Mr.N.SREENIVASA RAO
UHV	UNIVERSAL HUMAN VALUES	Ms.R.RAMADEVI
MM	MENTOR MENTEE	
LIB	LIBRARY	Mr.N.SREENIVASA RAO
SEM	SEMINAR	Mr.N.SREENIVASA RAO
RS	REMEDIAL SESSION	
SUB/T	SUBJECT NAME TUTORIAL	

HECE -

Head of the Department
Electronics and Communication Dept.
Santhiram Engineering College
NANDYAL, Kurnool (Dist), A.P.



SANTHIRAM ENGINEERING COLLEGE: NANDYAL

Approved by AICTE, New Delhi: Permanently Affiliated to J.N.T. University, Anantapur, A.P
An ISO 9001:2015 Certified Institution Recognition of the college under 2 (f) & 12 (B) of the UGC ACT, 1956
NH-40, Nandyal – 518501:: Kurnool Dist. A.P

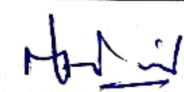
DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

W.E.F: 08-10-2021

III B.TECH I SEM ECE-A (2019 BATCH)

DAY	1 (9.00-09.50)	2 (09.50-10.40)	3 (10.55-11.45)	4 (11.45-12.35)	LUNCH BREAK	5 (01.40-02.30)	6 (02.30-03.20)	7 (03.20-04.10)	8 (04.10-05.00)
MON	AWP	ICA/DC LAB				AWP/SRP	TCPS/T	ICA/RM	ICA/RS
TUE	ICA	ELS	DCN/T	DCN		DC	DC	AWP/PET	MM
WED	ES	ICA/DC LAB				AWP/T	AWP/SEM	ICA	ELS/RS
THUR	ICA	AWP/LIB	DCN	DCN		AWP	TCPS	ELS/T	AWP/RS
FRI	ICA	DC	DC/T	DCN		AWP/ELS LAB	AWP/ELS LAB	ICA/T	DCN/RS
SAT	ICA	TCPS	DC	DC		ICA/RM	ICA	AWP/SRP	DC/RS

SUB	SUBJECT NAME	FACULTY NAME
DCN	DATA COMMUNICATIONS AND NETWORKING	Dr.M.V.SUBRAMANYAM
DC	DIGITAL COMMUNICATIONS	Dr.Y.MALLIKARJUNA RAO
AWP	ANTENNAS AND WAVE PROPAGATION	Dr.E.JAYAPAL
ICA	INTEGRATED CIRCUITS AND APPLICATIONS	Ms.G.HIMA BINDU
ELS	ENGLISH LANGUAGE SKILLS	Mr. A.G.VENKATESWARLU
TCPS	TECHNICAL COMMUNICATION AND PRESENTATION SKILLS	Ms.SREELATHA
ICA LAB	INTEGRATED CIRCUITS AND APPLICATIONS LAB	Ms.G.S/E.J.P
DC	DIGITAL COMMUNICATIONS LAB	Dr.P.U.B/K.P.O
ELS	ENGLISH LANGUAGE SKILLS LAB	Ms.SREELATHA
RM	RESEARCH METHODOLOGY	Ms.N.JYOTHSNA
SRP	SOCIALLY RELEVANT PROJECT	Ms.G.SOWMYA
MM	MENTOR MENTEE	
LIB	LIBRARY	Ms.G.SOWMYA
SEM	SEMINAR	Dr.E.JAYAPAL
RS	REMEDIAL SESSION	
SUB/T	SUBJECT NAME TUTORIAL	


HECE

Head of the Department
Electronics and Communication Dept.
Santhiram Engineering College
NANDYAL, Kurnool (Dist), A.P.

SANTHIRAM ENGINEERING COLLEGE: NANDYAL

Approved by AICTE, New Delhi: Permanently Affiliated to J.N.T. University, Anantapur, A.P
An ISO 9001:2015 Certified Institution Recognition of the college under 2 (f) & 12 (B) of the UGC ACT, 1956
NH-40, Nandyal – 518501:: Kurnool Dist. A.P

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

W.E.F: 08 -10-2021

III B.TECH I SEM ECE-B (2019 BATCH)

DAY	1 (9.00-09.50)	2 (09.50-10.40)	3 (10.55-11.45)	4 (11.45-12.35)	LUNCH BREAK	5 (01.40-02.30)	6 (02.30-03.20)	7 (03.20-04.10)	8 (04.10-05.00)
MON	DC	TCPS	DCN	ELS/T		ICA	ICA	AWP/T	DC/RS
TUE	AWP	ICA/DC LAB				AWP/ELS LAB	ICA/ELS LAB	ICA/RM	MM
WED	AWP	ELS	DCN	DCN		ICA	DC/T	DC/PET	ICA/RS
THUR	DCN	DCN/SEM	DC	DC		ICA	ICA/LIB	DCN/SRP	DCN/RS
FRI	DCN	ICA/T	DC	AWP		DC/RM	DCN/T	TCPS	AWP/RS
SAT	ES	ICA/DC LAB				AWP/SRP	AWP	TCPS/T	TCPSRS

SUB	SUBJECT NAME	FACULTY NAME
DCN	DATA COMMUNICATIONS AND NETWORKING	Dr.K.KAMESWARA REDDY
DC	DIGITAL COMMUNICATIONS	Mr.K.PEDDA OBULESU
AWP	ANTENNAS AND WAVE PROPAGATION	Mr.C.V.SUBHASKARA REDDY
ICA	INTEGRATED CIRCUITS AND APPLICATIONS	Mr.M.ANIL KUMAR
ELS	ENGLISH LANGUAGE SKILLS	Mr. A.G.VENKATESWARLU
TCPS	TECHNICAL COMMUNICATION AND PRESENTATION SKILLS	Ms.SREELATHA
ICA LAB	INTEGRATED CIRCUITS AND APPLICATIONS LAB	Mr.C.V.S.R/K.K.R
DC	DIGITAL COMMUNICATIONS LAB	G.H.K/S.R.S
ELS	ENGLISH LANGUAGE SKILLS LAB	Ms.SREELATHA
RM	RESEARCH METHODOLOGY	Ms.N.JYOTHSNA
SRP	SOCIALLY RELEVANT PROJECT	Ms.G.SOWMYA
MM	MENTOR MENTEE	
LIB	LIBRARY	Ms.G.SOWMYA
SEM	SEMINAR	Dr.K.KAMESWARA REDDY
RS	REMEDIAL SESSION	
SUB/T	SUBJECT NAME TUTORIAL	


HECE

Head of the Department
 Electronics and Communication Dept.
 Santhiram Engineering College
 NANDYAL, Kurnool (Dist), A.P.

SANTHIRAM ENGINEERING COLLEGE: NANDYAL

Approved by AICTE, New Delhi; Permanently Affiliated to J.N.T. University, Anantapur, A.P.
An ISO 9001:2015 Certified Institution Recognition of the college under 2 (f) & 12 (B) of the UGC ACT, 1956
NH-40, Nandyal - 518501:: Kurnool Dist. A.P

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

W.E.F: 08 -10-2021

IV B. TECH I SEM ECE-A (2018 BATCH)

DAY	1 (9.00- 09.50)	2 (09.50- 10.40)	3 (10.55- 11.45)	4 (11.45- 12.35)	LUNCH BREAK	5 (01.40- 02.30)	6 (02.30- 03.20)	7 (03.20- 04.10)	8 (04.10- 05.00)
MON	RS	OFC	MWE/T	ES		MWOC/ES&VLSI LAB			MWE/RS
TUE	DIP	OFC	ES	OFC/T		DCN	EST	MWE	MM
WED	ES	DCN	ES	DCN		RS/T	MWE	DIP	DIP/RS
THUR	MWE	OFC	RS	RS		DIP/T	DIP	RS/PET	RS/RS
FRI	OFC	RS	DIP/LIB	MWE		RS	DCNT	RS	DCN/RS
SAT	DCN	ES/SEM	OFC	DIP		MWOC/ES&VLSI LAB			OFC/RS

SUB	SUBJECT NAME	FACULTY NAME
OFC	OPTICAL FIBER COMMUNICATIONS	Ms. T.NAGAMANI
ES	EMBEDDED SYSTEMS	Ms. V.NAGAMANI
RS	RADAR SYSTEMS	Dr.P.UDAYA BASKAR
DIP	DIGITAL IMAGE PROCESSING	Mr.S.MUNAWWAR
MWE	MICROWAVE ENGINEERING	Mr.M.MAHESH KUMAR
DCN	DATA COMMUNICATIONS & NETWORKING	Mr.S.GIRISH BABU
MWOC	MICROWAVE & OPTICAL COMMUNICATIONS LAB	Mr.M.M.K.K.P.O
ES&VLSI	VLSI & EMBEDDED SYSTEMS LAB	Ms.V.N.T.N
MM	MENTOR MENTEE	
LIB	LIBRARY	Mr.S.MUNAWWAR
SEM	SEMINAR	Ms. V.NAGAMANI
RS	REMEDIAL SESSION	
SUB/T	SUBJECT NAME TUTORIAL	

HECE

Head of the Department
Electronics and Communication Dept.
Santhiram Engineering College
NANDYAL, Kurnool (Dist), A.P.



SANTHIRAM ENGINEERING COLLEGE: NANDYAL

Approved by AICTE, New Delhi: Permanently Affiliated to J.N.T. University, Anantapur, A.P
An ISO 9001:2015 Certified Institution Recognition of the college under 2 (f) & 12 (B) of the UGC ACT, 1956
NH-40, Nandyal - 518501:: Kurnool Dist. A.P

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

W.E.F: 08 -10-2021

IV B. TECH I SEM ECE-B (2018 BATCH)

DAY	1 (9.00-09.50)	2 (09.50-10.40)	3 (10.55-11.45)	4 (11.45-12.35)	LUNCH BREAK	5 (01.40-02.30)	6 (02.30-03.20)	7 (03.20-04.10)	8 (04.10-05.00)
MON	DCN	ES	OFC	DCN/T		RS	DIP	RS/LIB	OFC/RS
TUE	MWE	ES	DCN	ES		RS/T	RS	DIP	MM
WED	RS	OFC	OFC/SEM	MWE/T		DCN	DIP	ES/PET	ES/RS
THUR	DIP	RS	MWE	OFC/T		MWOC/ES&VLSI LAB			DIP/RS
FRI	MWE	DIP/T	OFC	ES		MWOC/ES&VLSI LAB			MWE/RS
SAT	OFC	DIP	DCN	ES/T		RS	MWE	RS	RS/RS

SUB	SUBJECT NAME	FACULTY NAME
OFC	OPTICAL FIBER COMMUNICATIONS	Ms. A.ANURADHA
ES	EMBEDDED SYSTEMS	Mr. M.MOHAN REDDY
RS	RADAR SYSTEMS	Mr.G.HARI KRISHNA
DIP	DIGITAL IMAGE PROCESSING	Mr.S.MUNAWWAR
MWE	MICROWAVE ENGINEERING	Mr.S.RANGA SWAMY
DCN	DATA COMMUNICATIONS & NETWORKING	Mr.S.GIRISH BABU
MWOC	MICROWAVE & OPTICAL COMMUNICATIONS LAB	Mr.M.M.R/A.A.R
ES&VLSI	VLSI & EMBEDDED SYSTEMS LAB	Ms.V.N/T.N
MM	MENTOR MENTEE	
LIB	LIBRARY	Mr.S.MUNAWWAR
SEM	SEMINAR	Mr.G.HARI KRISHNA
RS	REMEDIAL SESSION	
SUB/T	SUBJECT NAME TUTORIAL	


HECE

Head of the Department
Electronics and Communication Dept.
Santhiram Engineering College
NANDYAL, Kurnool (Dist), A.P.



SANTHIRAM ENGINEERING COLLEGE: NANDYAL

Approved by AICTE, New Delhi: Permanently Affiliated to J.N.T. University, Anantapur, A.P
An ISO 9001:2015 Certified Institution Recognition of the college under 2 (f) & 12 (B) of the UGC ACT, 1956
NH-40, Nandyal – 518501:: Kurnool Dist. A.P

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

W.E.F: 09-05-2022

II BTECH II SEM ECE-A (2020 BATCH)

DAY	1 (9.00-09.50)	2 (09.50-10.40)	3 (10.55-11.45)	4 (11.45-12.35)	LUNCH BREAK	5 (1.40-2.30)	6 (2.30-3.20)	7 (3.20-4.10)	8 (4.10-5.00)
MON	LDICA	SS	SS	SS/T		DLD	DTI	CS	PTSP/RS
TUE	EMTL	EMTL	DLD	LDICA		LDICA/T	PTSP/LIB	CS	MM
WED	PTSP	LDICA/DLD LAB				EMTL/T	EMTL	PTSP	LDICA/RS
THUR	PTSP	DLD	CS	DTI		CS	DLD/T	LDICA	EMTL/RS
FRI	DLD	CS	PTSP/T	PTSP		LDICA/CS LAB			DTI/RS
SAT	EMTL	EMTL	CS	CS/T		CS/DLD LAB			PET/RS

SUB	SUBJECT NAME	FACULTY NAME
CS	COMMUNICATION SYSTEMS	Dr. Y.MALLIKARJUNA RAO
PTSP	PROBABILITY THEORY & STOCHASTIC PROCESSES	Dr.P.UDAY BHASKAR
DLD	DIGITAL LOGIC DESIGN	Dr.M.V.SUBRAMANYAM
LDICA	LINEAR AND DIGITAL IC APPLICATIONS	Mrs.T.NAGAMANI
SS	SOFT SKILL	Mrs.SRILATHA
EMTL	EM WAVES AND TRANSMISSION LINES	Mr.M.VEERESH
DTI	DESIGN THINKING FOR INNOVATION	Mrs.JAYAMANGALA
DLD LAB	DIGITAL LOGIC DESIGN LAB	Mr.N.S.R/P.M.S
CS LAB	COMMUNICATION SYSTEMS LAB	Mr.M.M.K/Dr.P.U.B
LDICA LAB	LINEAR AND DIGITAL IC APPLICATIONS LAB	Mrs.T.N/N.J
MM	MENTOR MENTEE	
SEM	SEMINOR	Mrs.T.NAGAMANI
LIB	LIBRARY	Dr.P.UDAY BHASKAR
CT	CLASS TEACHER	Mrs.T.NAGAMANI

HECE

Head of the Department
Electronics and Communication Dept.
Santhiram Engineering College
NANDYAL, Kurnool (Dist), A.P.





SANTHIRAM ENGINEERING COLLEGE: NANDYAL

Approved by AICTE, New Delhi; Permanently Affiliated to J.N.T. University, Anantapur, A.P
An ISO 9001:2015 Certified Institution Recognition of the college under 2 (f) & 12 (B) of the UGC ACT,1956
NH-40, Nandyal – 518501; Kurnool Dist. A.P

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

W.E.F: 09-05-2022

II B. TECH II SEM ECE-B (2020 BATCH)

DAY	1 (9.00- 09.50)	2 (09.50- 10.40)	3 (10.55- 11.45)	4 (11.45- 12.35)	LUNCH BREAK	5 (1.40- 2.30)	6 (2.30- 3.20)	7 (3.20- 4.10)	8 (4.10- 5.00)
MON	EMTL	PTSP/T	CS	CS		DTI	LDICA	EMTL	DLD/RS
TUE	DLD	LDICA/T	PTSP/LIB	PTSP		EMTL	EMTL/T	LDICA	MM
WED	LDICA	PTSP	CS	CS/T		DLD/T	DLD/SEM	DTI	PET/RS
THUR	DLD	LDICA/DLD LAB				EMTL	EMTL	CS	PTSP/RS
FRI	LDICA	DLD/CS LAB				PTSP	CS	CS	EMTL/RS
SAT	PTSP	LDICA/CS LAB				SS/T	SS	SS	DTI/RS

SUB	SUBJECT NAME	FACULTY NAME
CS	COMMUNICATION SYSTEMS	Dr.K.KAMESWARA REDDY
PTSP	PROBABILITY THEORY & STOCHASTIC PROCESSES	Mr.C.V.SUBHASKARA REDDY
DLD	DIGITAL LOGIC DESIGN	Mr.N.SREENIVASA RAO
LDICA	LINEAR AND DIGITAL IC APPLICATIONS	Mr.M.MOHAN REDDY
SS	SOFT SKILL	Ms.K.SWARNA
EMTL	EM WAVES AND TRANSMISSION LINES	Mr.M.VEERESH
DTI	DESIGN THINKING FOR INNOVATION	Mrs.JAYAMANGALA
DLD LAB	DIGITAL LOGIC DESIGN LAB	Mr.G.H.K/M.A.K
CS LAB	COMMUNICATION SYSTEMS LAB	Dr.K.K.R/C.V.S.R
LDICA LAB	LINEAR AND DIGITAL IC APPLICATIONS LAB	Mr.M.M.R/K.P.O
MM	MENTOR MENTEE	
SEM	SEMINOR	Mr.N.SREENIVASA RAO
LIB	LIBRARY	Mr.C.V.SUBHASKARA REDDY
CT	CLASS TEACHER	Mr.M.MOHAN REDDY

HECE

Head of the Department
Electronics and Communication Dept.
Santhiram Engineering College
NANDYAL, Kurnool (Dist), A.P.





SANTHIRAM ENGINEERING COLLEGE: NANDYAL

Approved by AICTE, New Delhi: Permanently Affiliated to J.N.T. University, Anantapur, A.P.
An ISO 9001:2015 Certified Institution Recognition of the college under 2 (f) & 12 (B) of the UGC ACT, 1956
NH-40, Nandyal - 518501:: Kurnool Dist. A.P

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

W.E.F: 14-03-2022 ✓

III BTECH II SEM ECE-A (2019 BATCH)

DAY	1 (9.00- 09.50)	2 (09.50- 10.40)	3 (10.55- 11.45)	4 (11.45- 12.35)	LUNCH BREAK	5 (1.40- 2.30)	6 (2.30- 3.20)	7 (3.20- 4.10)	8 (4.10- 5.00)
MON	DSP	MPMC	DSD	DSD		DSP/MPMC LAB			PET
TUE	MPMC	MPMC	DSP	DSP		SS	EMI	BECG	MM
WED	DSD	SS	EMI	MPMC/LIB		DSP/MPMC LAB			DC/RS/TS
THUR	DSD	EMI	MPMC	DSP		DSP	EMI	CI	DC/RS/TS
FRI	SS	DSD	BECG	DSD/SEM		EMI	SRP	MPMC	DC/RS/TS
SAT	BECG	DSD	SS	MPMC		EMI	CI	DSP	DC/RS/TS

SUB	SUBJECT NAME	FACULTY NAME
MPMC	MICROPROCESSORS AND MICROCONTROLLERS	Mrs. V. NAGAMANI
DSP	DIGITAL SIGNAL PROCESSING	Ms.B.ALEKHYA HIMABINDU
DSDHDL	DIGITAL SYSTEM DESIGN THROUGH VHDL	Mr. .S.GIRISH BABU
EMI	ELECTRICAL MEASUREMENT AND ELECTRONIC INSTRUMENT	Mr.V.RANMAJANUYULU
SS	SOFT SKILL	Ms.K.SWARNA
BECG	BUSINESS ETHICS AND CORPORATE GOVERNANCE	Dr.B.VISWANATHA REDDY
CI	CONSTITUTION OF INDIA	Mr.S.MAHABOOB BASHA
SRP	SOCIAL RELEVANT PROJECT	Mrs. G. SOWMYA
DSP LAB	DIGITAL SIGNAL PROCESSING LAB	B.A.H.B/A.A
MPMC LAB	MICROPROCESSORS AND MICROCONTROLLERS LAB	V.N/K.P.O/Y.M
MM	MENTOR MENTEE	
LIB	LIB INCHARGE	Mrs. V. NAGAMANI
SEM	SEMINAR INCHARGE	Mr. .S.GIRISH BABU
CT	CLASS TEACHER	Ms.B.ALEKHYA HIMABINDU

HECE

Head of the Department
Electronics and Communication Dept.
Santhiram Engineering College
NANDYAL, Kurnool (Dist), A.P.





SANTHIRAM ENGINEERING COLLEGE: NANDYAL

Approved by AICTE, New Delhi: Permanently Affiliated to J.N.T. University, Anantapur, A.P
An ISO 9001:2015 Certified Institution Recognition of the college under 2 (f) & 12 (B) of the UGC ACT,1956
NH-40, Nandyal – 518501:: Kurnool Dist. A.P

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

W.E.F: 14-03-2022

III B. TECH II SEM ECE-B (2019 BATCH)

DAY	1 (9.00-09.50)	2 (09.50-10.40)	3 (10.55-11.45)	4 (11.45-12.35)	LUNCH BREAK	5 (1.40-2.30)	6 (2.30-3.20)	7 (3.20-4.10)	8 (4.10-5.00)
MON	EMI	DSP	SRP	MPMC/T		SS	DSD	BECG/T	DC/RS/TS
TUE	DSD	DSD	EMI	EMI		DSP/T	DSP	SS	MM
WED	EMI	DSP	DSD	SS/T		EMI	CI	DSP/PET	DC/RS/TS
THUR	BECG	DSP	EMI/T	MPMC		DSP/MPMC LAB			DC/RS/TS
FRI	MPMC	BECG	DSP/LIB	DSP		CI	MPMC	DSD	DC/RS/TS
SAT	SS	MPMC/SEM	MPMC	DSD/T		DSP/MPMC LAB			DC/RS/TS

SUB	SUBJECT NAME	FACULTY NAME
MPMC	MICROPROCESSORS AND MICROCONTROLLERS	Ms. G.HIMA BINDU
DSP	DIGITAL SIGNAL PROCESSING	Ms.S.JAYA MANGALA
DSD/HDL	DIGITAL SYSTEM DESIGN THROUGH VHDL	Mr. G.HARI KRISHNA
EMI	ELECTRICAL MEASUREMENT AND ELECTRONIC INSTRUMENT	Mr.V.RANMAJANUYULU
SS	SOFT SKILL	Ms.K.SWARNA
BECG	BUSINESS ETHICS AND CORPORATE GOVERNANCE	Dr.B.VISWANATHA REDDY
CI	CONSTITUTION OF INDIA	Mr.S.MAHABOOB BASHA
SRP	SOCIAL RELEVANT PROJECT	Mrs. G. SOWMYA
DSP LAB	DIGITAL SIGNAL PROCESSING LAB	S.J.M/G.H.K/C.S
MPMC LAB	MICROPROCESSORS AND MICROCONTROLLERS LAB	G.H.B/S.R.S/Y.M
MM	MENTOR MENTEE	
LIB	LIB INCHARGE	Ms.S.JAYA MANGALA
SEM	SEM INCHARGE	Ms. G.HIMA BINDU
CT	CLASS TEACHER	Ms. G.HIMA BINDU


 HECE

Head of the Department
 Electronics and Communication Dept.
 Santhiram Engineering College
 NANDYAL, Kurnool (Dist), A.P.



SANTHIRAM ENGINEERING COLLEGE: NANDYAL

Approved by AICTE, New Delhi; Permanently Affiliated to J.N.T. University, Anantapur, A.P
An ISO 9001:2015 Certified Institution Recognition of the college under 2 (f) & 12 (B) of the UGC ACT,1956
NH-40, Nandyal - 518501:: Kurnool Dist. A.P

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

W.E.F: 03-03-2022

IV B.TECH II SEM ECE-A (2018 BATCH)

DAY	1 (9.00- 09.50)	2 (09.50- 10.40)	3 (10.55- 11.45)	4 (11.45- 12.35)	LUNCH BREAK	5 (1.40- 2.30)	6 (2.30- 3.20)	7 (3.20- 4.10)	8 (4.10- 5.00)	
MON	PRA	PRA	ADSPMW	ADSPMW		PROJECT WORK				
TUE	ADSPMW	ADSPMW/T	PRA	PRA		PROJECT WORK				
WED	ADSPMW	ADSPMW	PRA	PRA/T		PROJECT WORK				
THUR	PRA	PRA	ADSPMW	ADSPMW		PROJECT WORK				
FRI	PRA	PRA	ADSPMW	ADSPMW		PROJECT WORK				
SAT	PROJECT WORK					PROJECT WORK				

SUB	SUBJECT NAME	FACULTY NAME
PRA	PATTERN RECOGNITION & APPLICATIONS	Mr. K.PEDDA OBULESU
ADSPMW	ADVANCED DIGITAL SIGNAL PROCESSING & MULTIRATE WAVELET	Mr. M.MAHESH KUMAR
CT	CLASS TEACHER	Mr. M.MAHESH KUMAR

HECE

Head of the Department
Electronics and Communication Dept.
Santhiram Engineering College
NANDYAL, Kurnool (Dist), A.P.





SANTHIRAM ENGINEERING COLLEGE: NANDYAL

Approved by AICTE, New Delhi: Permanently Affiliated to J.N.T. University, Anantapur, A.P
An ISO 9001:2015 Certified Institution Recognition of the college under 2 (f) & 12 (B) of the UGC ACT,1956
NH-40, Nandyal - 518501:: Kurnool Dist. A.P

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

W.E.F: 03-03-2022

IV B.TECH II SEM ECE-B (2018 BATCH)

DAY	1 (9.00-09.50)	2 (09.50-10.40)	3 (10.55-11.45)	4 (11.45-12.35)	LUNCH BREAK	5 (1.40-2.30)	6 (2.30-3.20)	7 (3.20-4.10)	8 (4.10-5.00)
MON	ADSPMW	ADSPMW	PRA	PRA/T		PROJECT WORK			
TUE	PRA	PRA	ADSPMW	ADSPMW/T		PROJECT WORK			
WED	PRA	PRA	ADSPMW	ADSPMW		PROJECT WORK			
THUR	ADSPMW	ADSPMW	PRA	PRA		PROJECT WORK			
FRI	ADSPMW	ADSPMW	PRA	PRA		PROJECT WORK			
SAT	PROJECT WORK					PROJECT WORK			

SUB	SUBJECT NAME	FACULTY NAME
PRA	PATTERRN RECOGNITION & APPLICATIONS	Mr. S.RANGA SWAMY
ADSPMW	ADVANCED DIGITAL SIGNAL PROCESSING & MULTIRATE WAVELET	Mr. M.ANIL KUMAR
CT	CLASS TEACHER	Mr. M.ANIL KUMAR


HECE

Head of the Department
Electronics and Communication Dept.
Santhiram Engineering College
NANDYAL, Kurnool (Dist), A.P.





SANTHIRAM ENGINEERING COLLEGE: NANDYAL

Lesson Plan

Branch : ECE

Year & Semester : IV-I

Name of the faculty: S.Munawwar

Department : ECE

Subject Name : Digital Image Processing

Subject Code : 15A04708

Academic Year : 2020-21

Text Books

1. R.C .Gonzalez & R.E. Woods, "Digital Image Processing", Addison Wesley/Pearson education, 3rd Edition, 2010.
2. A .K. Jain, "Fundamentals of Digital Image processing", PHI

Reference Books

1. Rafael C. Gonzalez, Richard E woods and Steven L. Eddins, "Digital Image processing using MATLAB", Tata Mc Graw Hill, 2010.
2. S Jayaraman, S Esakkirajan, T Veera kumar, "Digital Image processing", Tata McGraw Hill.
3. William K. Pratt, "Digital Image Processing", John Wiley, 3rd Edition, 2004.

Web Resource:

1. <https://nptel.ac.in/courses/117/105/117105135/>
2. <https://nptel.ac.in/courses/117/105/117105079/>

Lesson Plan

S.No	Topic(s)	Book Reference	Teaching Methodology
1	I. Introduction to Digital Image processing	T1	Black Board
2	Example fields of its usage	W1	Video Lecture
3	Image sensing and Acquisition	T1	PPT
4	Image Modeling	T1	PPT
5	Image sampling and Quantization	T1	PPT
6	Digital Image representation	T1	PPT
7	Basic relationship between pixels	R1	PPT
8	Mathematical tools / operations applied on images	T1	Black Board
9	Imaging geometry	T1	PPT
	SLIPTEST-1		
10	II. Image transforms	R2	Black Board
11	2D Orthogonal and Unitary Transforms and their properties	R2	Black Board
12	Fast Algorithms	R2	Black Board
13	Discrete Fourier Transform	R2	Black Board
14	Discrete Cosine Transforms	R2	Black Board
15	Walsh- Hadamard Transforms	R2	Black Board
16	Hoteling Transforms	R2	Black Board

17	Comparison of properties of the above Transforms	R2	Seminar
	SLIPTEST-II		
18	III. Image Enhancement	T1	PPT
19	Background enhancement by point processing	T1	PPT
20	Histogram processing	R2	PPT
21	Spatial filtering	R2	PPT
22	Enhancement in frequency Domain	R1	PPT
23	Image smoothing	T1	GD
24	Image sharpening	W2	Video Lecture
25	Colour image Enhancement	R1	PPT
	SLIPTEST-III		
26	IV. Image Degradation/Restoration and Segmentation	T1	PPT
27	Degradation model	T1	PPT
28	Algebraic approach to restoration	R1	PPT
29	Inverse filtering	T1	PPT
30	Least Mean Square filters	T1	PPT
31	Constrained Least square restoration	T1	Demonstration
32	Blind Deconvolution	T1	PPT
33	Image segmentation	T1	
34	Edge detection	T1	PPT
35	Edge linking	T1	PPT
36	Threshold based segmentation methods	T1	PPT
37	Region based Approaches	T1	PPT
38	Template matching	R2	PPT
39	Use of motion in segmentation	T1	PPT
	SLIPTEST-IV		
40	V. Image Compression	T1	PPT
41	Redundancies in Images	R2	PPT
42	Compression models	T1	Case Study
43	Information theoretic perspective	T1	Seminar
44	Fundamental coding theorem	T1	PPT
45	Huffman Coding	W3	Black Board
46	Arithmetic coding	T1	Black Board
47	Bit plane coding	R2	PPT
48	Run length coding	R3	Black Board
49	Transform coding	T1	PPT
50	Image Formats and compression standards	T1	PPT
	SLIPTEST-V		

Signature of the Faculty member

LECTURE RECORD

Subject : Digital Image Processing

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

Credits : 03

Max. Marks : 30

No. of Internal Exams (Mids) : 2

S.No.	Date	Topic Covered / Exercise Completed	Remarks
	8-10-21	Introduction	PPT
	11-10-21	Fundamental steps in Image Processing	PPT
	12-10-21	Example Fields of its usage	Video Lecture
	16/10 & 15/10	Image Sensing and Quantization Acquisition	video Lecture
	20-10-21	Digital Image Representation	Black board
	21-10-21	Image modeling	PPT
	22-10-21	Image Sampling and Quantization	PPT
	23-10-21	Basic Relationship between Pixels	Black board
	25-10-21	Mathematical Tools/operations applied on Images	Black board
	26-10-21	Imaging Geometry	seminar
	27-10-21	SLIP Text - I	
	28-10-21	2D orthogonal and Unitary Transforms - Properties	Black board
	5-11-21	Fast Algorithms - Discrete Fourier Transforming	Black board
	6-11-21	Discrete Cosine Transforming	Black board
	8-11-21	Walsh Transform	Black board
	9-11-21	Kadamboid Transform	seminar
	10-11-21	Hartley Transforming	Video Lecture
	11-11-21	Comparison of Properties of different Transforming	GD
	12-11-21	SLIP Text - II	
	13/11 & 15/11	Background Enhancement by point processing	PPT
	16/11 & 17/11	Histogram processing	PPT
	18-11-21	Spatial Filtering	Black board
	19/11 & 20/11	Enhancement in Frequency Domain	Black board
	23-11-21	Image smoothing	PPT
	25-11-21	Image sharpening	PPT
	26/11 & 29/11	Color Image Enhancement	PPT

LECTURE RECORD

Subject : DSP

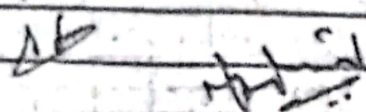
Duration of each exam (Mid) : 1 hr 50 min

Credits : 02

Max. Marks : 30

No. of Internal Exams (Mids) :

S.No.	Date	Topic Covered / Exercise Completed	Remarks
	2/12/21	Redundancies in Images	PPT
	8-12-21	Compression Models	Black Board
	9-12-21	Information Theoretic Perspective	PPT
	10-12-21	Fundamental Coding Theorem	Unit-2 PPT
	11/12/21	Huffman Coding	Completed Black Board
	14/12/21	Arithmetic Coding	Black Board
	16-12-21	Bit plane Coding	PPT
	17-12-21	Runlength Coding	Black Board
	18/12/21	Transform Coding	PPT
	20-12-21	Image Formats	Video Lecture
	22/12/21	Compression standards	GD
	24-12-21	Degradation Model	Black Board
	3-1-22	Algebraic approach to Restoration	Black Board
	4-01-22	Inverse Filtering	Unit-3 PPT
	5-1-22	Least Mean Square Filters	Completed PPT
	6/1/22	Constrained Least Square Restoration	Seminar
	8-1-22	Blind Deconvolution	Seminar
	11-1-22	Image Segmentation	Video Lecture
	12/1/22	Edge detection-Edge Linking	PPT
	17-1-22	Threshold based Segmentation Methods	Black Board
	18-1-22	Region based Approaches	PPT
	19-1-22	Template Matching.	PPT
	20-1-22	Use of Motion in Segmentation	PPT
		Syllabus completed	
		Presumptive (+5) Added	



LECTURE RECORD

Subject : Digital Image Processing

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

Credits : 08

Max. Marks : 30

No. of Internal Exams (Mid) : 2

S.No.	Date	Topic Covered / Exercise Completed	Remarks
	8-10-21	Introduction	PPT
	9-10-21	Fundamental steps in Image Processing	PPT
	11/10+12/10	Example fields of its usage	Unit-I PPT
	16-10-21	Image sensing and Acquisition	Complete Video Lecture
	18-10-21	Image Modeling	PPT
	20-10-21	Image Sampling and Quantization	Black Board
	21-10-21	Digital Image Representation	Black Board
	22/10+23/10	Basic Relationship between pixels	Black Board
	25/10+26/10	Mathematical Tools/operations applied on Images	Black Board
	27-10-21	Imaging Geometry	Seminar
	28-10-21	Skip Test-I	
	5-11-21	2D orthogonal and Unitary Transforms - Properties	Black Board
	6/11+8/11	Fast Algorithms - Discrete Fourier Transform	Unit-II Black Board
	9-11-21	Discrete Cosine Transform	Complete Black Board
	10-11-21	Walsh Transform	Black Board
	11-11-21	Kadamsad Transform	Seminar
	12-11-21	Hough Transform	Video Lecture
	13/11+15/11	Comparison of properties of different Transforms	GD
	16-11-21	Skip Test-II	
	17/11+18/11	Background Enhancement by Point Processing	PPT
	18-11-21	Histogram Processing	Unit-III PPT
	20-11-21	Spatial Filtering	Complete Black Board
	23/11+24/11	Enhancement in Frequency Domain	Black Board
	25-11-21	Image Smoothing	PPT
	26-11-21	Image Sharpening	PPT
	29/11+30/11	Color Image Enhancement	PPT

LECTURE RECORD

Subject : DRP

Duration of each exam (Mid) : 1 hr 30 min

Credits : 03

Max. Marks : 30

No. of Internal Exams (Mids) : 2

S.No.	Date	Topic Covered / Exercise Completed	Remarks
	6/12 + 7/12	Redundancies in Images	PPT
	8-12-21	Compression Models	Black Board
	9-12-21	Information theoretic Perspective	PPT
	10-12-21	Fundamental Coding Theorem	Unit - I Completed PPT
	11/12 + 13/12	Huffman Coding	Black Board
	14/12 + 15/12	Arithmetic Coding	Black Board
	16-12-21	Bit plane Coding	PPT
	17-12-21	Runlength Coding	Black Board
	18/12 + 20/12	Transform Coding	PPT
	21-12-21	Image Formats	Video Lecture
	24/12 + 25/12	Compression standards	GD
	3-01-22	Degradation Model	PPT
	4/1 + 5/1	Algebraic approach to restoration	Black Board
	6-1-22	Inverse Filtering	Black Board
	7-1-22	Least Mean square Filters	Unit - II Completed PPT
	8-1-22	Constrained Least square restoration	PPT
	9-1-22	Blind deconvolution	Randoms
	12-1-22	Image segmentation	Video Lecture
	13/1 + 17/1	Edge Detection - Edge Linking	PPT
	18-1-22	Threshold based segmentation Methods	Black Board
	19-1-22	Region based Approaches	PPT
	20-1-22	Template matching	PPT
	21-1-22	Use of Motion in Segmentation	PPT
<p>Syllabus Completed Presumptive +5 Added</p>			

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR, ANANTHAPURAMU

ACADEMIC CALENDARB.Tech I Year - I Semester (2021-2022)

Induction Program (zero semester)	25.11.2021 to 15.12.2021	(03 weeks)
I Spell of Instructions:	16.12.2021 to 01.02.2022	(07 weeks)
I Mid-term Examinations: (1 st Objective + 1 st descriptive)	02.02.2022 to 05.02.2022	(04 days)
II Spell of Instructions:	07.02.2022 to 07.04.2022	(09 weeks)
Issue of Examination Notification	21.03.2022 (Monday)	
Finalization & submission of attendance to University (considering presumptive attendance for a period of one week)	01.04.2022 (Friday) (Presumptive week from 02.04.2022 to 07.04.2022)	
II Mid-term Examinations: (2 nd Objective + 2 nd descriptive)	08.04.2022 to 12.04.2022	(04 days)
Preparation and Practicals:	16.04.2022 to 20.04.2022	(05 days)
End Examinations:	21.04.2022 to 30.04.2022	(10 Days)

Note:

- (i) The Mid-term Examinations should be conducted and completed as per the schedule given.
- (ii) All the midterm examinations shall be of both objective and descriptive type as per the academic regulations.
- (iii) For slippage of working days due to any unavoidable reasons, compensation can be made by conducting class work on second Saturdays, Sundays and other holidays, except on National Holidays and important festivals.

Digitally signed by KESHAVA REDDY
EDDULA
Date: Tue Nov 23 18:56:38 IST 2021

Date: 23.11.2021

DIRECTOR OF EVALUATION P-570



SANTHIRAM ENGINEERING COLLEGE:: NANDYAL

(Approved by AICTE, New Delhi; Permanent Affiliated to JNTU-A, Anantapurum)

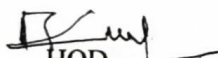
An ISO 9001:2015 Certified Institution, 2(f) & 12(B) Recognition by UGC Act, 1956

NH-40, Nandyal-518501: Kurnool Dist. A.P.

DEPARTMENT BASIC SCIENCES

Academic calendar for the Year 2021-2022 (I-I SEMESTER)

S.NO.	PROGRAM	DATE	DURATION
1	Induction Program (zero semester)	25.11.2021 to 15.12.2021	03 Weeks
2	IB-TECH Orientation Program	08.12.2021	01 Day
3	Ragging and its Consequences	09.12.2021	01 Day
4	GOOGLE Tools for Education	10.12.2021	01 Day
5	Language and Communication Skills	10.12.2021	01 Day
6	I Spell of Instructions	16.12.2021 to 01.02.2022	07 Weeks
7	Code of conduct and Professional Ethics	16.12.2021	01 Day
8	Proposed to conduct Cultural Program	2 nd week of January	02 Days
9	I Mid-term Examination: (1 st Objective+1 st Descriptive)	02.02.2022 to 05.02.2022	04 Days
10	II Spell of Instructions	07.02.2022 to 07.04.2022	09 Weeks
11	Proposed to conduct Science Expo	28.02.2022	01 Day
12	Proposed to conduct Add on Program	07.03.2022 to 12.03.2022	01 week
13	Proposed to conduct Research Methodology Program	12.03.2022	01 Day
14	Proposed to conduct a one day Faculty Development Program	30.03.2022	01 Day
15	II Mid-Term Examinations: (2 nd objective +2 nd descriptive)	08.04.2022 to 12.04.2022	04 Days
16	Preparation and Practicals	16.04.2022 to 20.04.2022	05 Days
17	End Examinations	21.04.2022 to 30.04.2022	10 Days


HOD

PRINCIPAL



SANTHIRAM ENGINEERING COLLEGE, NANDYAL
I.B.TECH-I-SEM -TIME TABLE FOR THE ACADEMIC YEAR 2021-22 (R-20)

W.E.F:08/12/2021

DAY	BRANCH	1	2	3	4	5	6	7	8
		9:00-9:50	9:50-10:40	10:55-11:45	11:45-12:35	1:40-2:30	2:30-3:20	3:20-4:10	4:10-5:00
MON	ECE-A	FEC	ED		AP		AP(B1)/FEC(B2) LAB		
	ECE-B	AP	FEC	LIB	FEC	CE	LAC	CRT	
	CSE-A	CPDS		CHEM/EWS LAB		CHEM	BEE LAB		
	CSE-B			BEE	LAC	BEE	LAC	CHEM	LIB
	CSE-DS	CHEM	BEE	CPDS		ITWS LAB		CHEM	PET
	CSE-DSN	BEE	LAC			BEE	CHEM	QUAN	SEM
TUE	ECE-A	AP	FEC	Tutorial	FEC	ED		MM	
	ECE-B	LAC	SEM	FEC	AP	CE LAB		MM	
	CSE-A	CPDS		BEE	LAC	BEE	ITWS LAB		MM
	CSE-B			CHEM/EWS LAB		QUAN	BEE	CHEM	MM
	CSE-DS	LAC	BEE	CPDS		LAC	CHEM	BEE	MM
	CSE-DSN	BEE	CHEM			CHEM	LAC	LAC	MM
WED	ECE-A	LAC	EG(B1)/AP(B2) LAB		CE	LAC	QUAN	AP	
	ECE-B	FEC	LAC	Tutorial	FEC	AP	AP(B1)/FEC(B2) LAB		
	CSE-A	CPDS		EWS/CHEM LAB		BEE	CHEM	Tutorial	LIB
	CSE-B			BEE	BEE	CHEM	BEE LAB		
	CSE-DS	LAC	BEE	CPDS		CHEM	BEE	CRT	
	CSE-DSN	CRT				LAC	CHEM	LAC	PET
THU	ECE-A	CE	CRT		FEC	FEC	CE LAB		
	ECE-B	FEC	ED		QUAN	EG(B1)/AP(B2) LAB			
	CSE-A	CPDS		BEE	LAC	CHEM	CHEM	QUAN	SEM
	CSE-B			EWS/CHEM LAB		Tutorial	BEE	CHEM	SEM
	CSE-DS	CHEM	BEE	CPDS		BEE	LAC	LAC	SEM
	CSE-DSN	CHEM	BEE			ITWS LAB	BEE	LIB	
FRI	ECE-A	AP	LAC	FEC	AP	LAC	FEC(B1)/EG(B2) LAB		
	ECE-B	LAC	CE	AP	FEC	AP	ED		
	CSE-A	BEE	BEE	CPDS		LAC	CHEM	LAC	PET
	CSE-B	LAC	LAC			BEE	CHEM	CRT	
	CSE-DS	BEE	CHEM	LAC	LIB	Tutorial	QUAN	EWS/CHEM LAB	
	CSE-DSN	CHEM	BEE	CHEM/EWS LAB		LAC	BEE LAB		
SAT	ECE-A	AP	FEC	LAC	SEM	AP	CE	LAC	LIB
	ECE-B	LAC	AP	LAC	AP	CE	FEC(B1)/EG(B2) LAB		
	CSE-A	CHEM	LAC	BEE	LAC	BEE	CHEM	CRT	
	CSE-B	BEE	CHEM	ITWS LAB		LAC	CHEM	LAC	PET
	CSE-DS	CPDS		CHEM/EWS LAB		CHEM	BEE LAB		
	CSE-DSN			BEE	CHEM	BEE	Tutorial	EWS/CHEM LAB	
SUB	ECE-A	ECE-B	CSE-A	CSE-B	CSE-DS	CSE-DSN			
LACT	Dr.B.Seshaiah	T.Manideepika	Dr.B.Haritha	Dr.A.SivaKamesh	S.Chand Basha	Dr.V.Subbareddy			
AP/CHEM	Dr.K.Aruna	Dr.B.Elizabethamma	R.Ramadevi	Dr.P.Shaikshavali	Dr.M.Swarna Kumari	M.Murali			
CE/CPDS	A.G.Venkateswarlu	A.Sailaja	S.Nagendruru	S.Nagendruru	S.Nagendruru	S.Nagendruru			
FEC/BEE	M.Y.Veeresh	S.Seetharamudu	A.Raghavendra/G.Sowmya	A.Raghavendra/M.Maresh Kumar	K.Rajasekhar reddy/G.Sowmya	A.Raghavendra/M.Maresh Kumar			
ED/EWS	M.Ravichandra	P.Nagaraju	K.L.Srinivasulu	K.L.Srinivasulu	K.L.Srinivasulu	K.L.Srinivasulu			
AP/CHEM LAB	K.Chandra sekhar	K.Chandra sekhar	R.Ramadevi	J.Seshaphani	J.Seshaphani	M.Murali			
CE/CPDS LAB	K.Swarna	S.Subbarao	S.Nagendruru	S.Nagendruru	S.Nagendruru	S.Nagendruru			
FEC/BEE LAB	M.Y.Veeresh	S.Seetharamudu	A.Raghavendra/Josna	A.Raghavendra/Swetha	N.V.S.Prasad/Josna	A.Raghavendra/Swetha			
EG/ITWS LAB	K.Narasimhulu	K.Narasimhulu	V.L.Chaitanya	V.L.Chaitanya	P.Subbarao	G.Kiran Kumar			
SEM	K.Chandra sekhar	K.Chandra sekhar	Dr.B.Haritha	Dr.P.Shaikshavali	R.Ramadevi	T.Manideepika			
MM	Dr.K.Aruna	Dr.B.Haritha	K.Chandra sekhar	R.Ramadevi	T.Manideepika	K.Ramesh			
LIB	S.Chand basha	Dr.B.Elizabethamma	J.Seshaphani	K.Chandra sekhar	Dr.P.Shaikshavali	M.Murali			
CRT	K.Sreelatha	K.Sreelatha	K.Sreelatha	K.Krishareddy	K.Krishareddy	K.Krishareddy			
CLASS TEACHER	A.G.Venkatesh	A.Sailaja	Dr.B.Haritha	Dr.P.Shaikshavali	K.Ramesh	M.Murali			

[Signature]
 HOD I.B. TECH



SANTHIRAM ENGINEERING COLLEGE: NANDYAL

Lesson Plan

Branch : ECE-B(2021-22) Year & Semester : I-I
Name of the faculty : Ms.T.Mani Deepika Department : Mathematics
Subject Name : Linear Algebra & Calculus Subject Code : 20A54201

Text Books

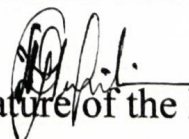
1. Erwin Kreyszig, Advanced Engineering Mathematics, 10/e
2. B.S.Grewal, Higher Engineering Mathematics, 44/e

Reference Books

1. T.K.V.Iyenger, S.Chand Publications, Mathematics-1

S.No	Topic(s)	Book Reference	Teaching Methodology
1	Rank of a matrix by echelon form	T1,T2,R1	Chalk &Black Board
2	problems on Echelon form	T1,T2,R1	Chalk &Black Board
3	normal form	T1,T2,R1	Chalk &Black Board
4	problems on normal form	T1,T2,R1	Chalk &Black Board
5	Solving system of homogeneous and nonhomogeneous equations linear equations.	T1,T2,R1	Chalk &Black Board
6	Problems	T1,T2,R1	Chalk &Black Board
7	Eigen values and Eigenvectors and their properties,	T1,T2,R1	PPT
8	Problems	T1,T2,R1	Chalk &Black Board
9	Cayley Hamilton theorem (without proof)	T1,T2,R1	Chalk &Black Board
10	Problems	T1,T2,R1	Chalk &Black Board
11	finding inverse and power of a matrix by Cayley-Hamilton theorem,	T1,T2,R1	Chalk &Black Board
12	Problems	T1,T2,R1	Chalk &Black Board
13	diagonalisation of a matrix	T1,T2,R1	PPT
14	Problems	T1,T2,R1	Chalk &Black Board
15	Unit-II Mean Value Theorems	T1,T2,R1	Chalk &Black Board
16	Rolle's Theorem problems	T1,T2,R1	Chalk &Black Board
17	Lagrange's mean value theorem,	T1,T2,R1	Chalk &Black Board
18	Problems	T1,T2,R1	Chalk &Black Board
19	Cauchy's mean value theorem,	T1,T2,R1	Chalk &Black Board
20	Problems	T1,T2,R1	Chalk &Black Board
21	Taylor's and Maclaurin theorems with remainders (without proof)	T1,T2,R1	Chalk &Black Board

22	related problems	T1,T2,R1	Chalk &Black Board
23	Unit-III Partial derivatives,	T1,T2,R1	Chalk &Black Board
24	total derivatives	T1,T2,R1	Chalk &Black Board
25	chain rule,	T1,T2,R1	Chalk &Black Board
26	change of variables,	T1,T2,R1	Chalk &Black Board
27	problems	T1,T2,R1	Chalk &Black Board
28	Jacobians,	T1,T2,R1	Chalk &Black Board
29	problems	T1,T2,R1	Chalk &Black Board
30	Maxima & minima of functions of two variables,	T1,T2,R1	PPT
31	problems	T1,T2,R1	Chalk &Black Board
32	method of Lagrange multipliers	T1,T2,R1	Chalk &Black Board
33	problems	T1,T2,R1	Chalk &Black Board
34	Unit-IV Double integrals,	T1,T2,R1	Chalk &Black Board
35	problems	T1,T2,R1	Chalk &Black Board
36	change of order of integration,	T1,T2,R1	Chalk &Black Board
37	problems	T1,T2,R1	Chalk &Black Board
38	change of variables.	T1,T2,R1	Chalk &Black Board
39	problems	T1,T2,R1	Chalk &Black Board
40	Evaluation of triple integrals,	T1,T2,R1	PPT
41	problems	T1,T2,R1	Chalk &Black Board
42	change of variables between Cartesian,	T1,T2,R1	Chalk &Black Board
43	problems	T1,T2,R1	Chalk &Black Board
44	cylindrical and spherical polar co-ordinates.	T1,T2,R1	Chalk &Black Board
45	problems	T1,T2,R1	Chalk &Black Board
46	Finding areas and volumes using double and triple integrals.	T1,T2,R1	Chalk& Black Board /PPT
47	problems	T1,T2,R1	Chalk &Black Board
48	Finding areas and volumes using triple integrals.	T1,T2,R1	PPT
49	problems	T1,T2,R1	Chalk &Black Board
50	Unit-V Beta function	T1,T2,R1	Chalk &Black Board
51	problems	T1,T2,R1	Chalk &Black Board
52	Gamma functions	T1,T2,R1	Chalk &Black Board
53	problems	T1,T2,R1	Chalk &Black Board
54	their properties	T1,T2,R1	Chalk &Black Board
55	problems	T1,T2,R1	Chalk &Black Board
56	relation between beta and gamma functions,	T1,T2,R1	Chalk &Black Board
57	evaluation of definite integrals using beta and gamma functions	T1,T2,R1	PPT


 Signature of the Faculty member

LECTURE RECORD

Subject : Linear Algebra & Calculus

Duration of each exam (Mid) : ...1 1/2.....

Credits : 3

Max. Marks :30.....

No. of Internal Exams (Mids) : 2

No.	Date	Topic Covered / Exercise Completed	Remarks
1	26/11/21	Unit-I Introduction Matrices	chalk & BB
2	30/11/21	Rank of a matrix	chalk & BB
3	01/12	Rank of a matrix by Echelon and Normal forms	chalk & BB
4	02/12	System of linear Eqns (Non-homogeneous)	chalk & BB
	07/12	problems	chalk & BB
	10/12	problems	chalk & BB
5	11/12	System of linear Eqns (Homogeneous)	chalk & BB
	15/12	problems	chalk & BB
	20/12	problems	chalk & BB
6	21/12	Eigen values & Eigen vectors	chalk & BB
7	22/12	Their properties	chalk & BB
8	27/12	problems	chalk & BB
9	28/12	problems	chalk & BB
10	29/12	problems	chalk & BB
11	03/01	Slip test	
12	06/01	Mentor Mentli	
13	05/01	Cayley-Hamilton theorem	chalk & BB
14	07/01	Related problems	chalk & BB
15	10/01	Diagonalization	chalk & BB
16	11/01	problems	chalk & BB
17	11/01	Mentor Mentli	
18	12/01	problems	chalk & BB
19	17/01	problems	chalk & BB
20	18/01	UNIT-II Introduction	chalk & BB
21	18/01	Mentor Mentli	
22	19/01-25/01	Rolle's theorem & problems	chalk & BB
23	25/01	Mentor mentli	

LECTURE RECORD

Subject : LAC

Duration of each exam (Mid) : $1\frac{1}{2}$

Credits : 3

Max. Marks : ...30.....

No. of Internal Exams (Mids) : 2

S.No.	Date	Topic Covered / Exercise Completed	Remarks
28	28/1-29/01	Lagrange's and Cauchy's theorems & problems	chalk & BB
29	01/02/02	Problems	Chalk & BB
30	01/02/02	Mentor mentee	
31	02/02/02	Taylor's & Maclaurin's problems	chalk & BB
32	07/02	UNIT-III Introduction	chalk & BB
33	8/02	Partial Derivatives & problems	chalk & BB
34	8/02	Mentor mentee	
35	11/02	Total Derivatives & problems	chalk & BB
36	16/02	Chain rule & change of variables	chalk & BB
37	18/02	Jacobians method & related problems	chalk & BB
38	19/02	Jacobians method & related problems	chalk & BB
39	21/02-23/02	Maxima and minima & related problems	chalk & BB
40	02/03	UNIT-IV Introduction	chalk & BB
41	04/03	Multiple integrals	chalk & BB
42	07/03	Multiple Integrals & Region based problems	chalk & BB
43	07/03	Study hour	
44	09/03	Region of Integrations	chalk & BB
45	11/03	"	
46	12/03	change of order of integration	chalk & BB
47	14/03	change of order of integration	chalk & BB
48	15/03	Mentor - Mentee	
49	16/03	change of order of Integration in polar coordinate	chalk & BB
50	19/03	"	chalk & BB
51	21/03	Triple Integrals	chalk & BB
52	21/03	study hour	
53	22/03	Triple Integrals	chalk & BB
54	23/03	Triple Integrals	chalk & BB



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

SREC/BS/F-062

Rev.00

MONTHLY SYLLABUS COVERAGE REPORT

Department : CSE-A

Class / Sem: I - I

Month & Year: FEB/2022

Date: 08/02/2022

Sl. No.	Name of The Subject / Lab	Name of The Faculty	No. Of units / Experiments Covered (Cumulative)	Percentage of Syllabus Coverage	Planning if Short Fall	Faculty Sign
1.	LAC	Dr.B.Haritha	2 units complete	50%	-	Haritha
2.	CHE	R.Ramadevi	2 units syllabus completed	50%	-	Ramadevi
3.	CPDS	S.Nagendrudu	1 syllabus completed	45%	-	S.Nagendrudu
4.	BEE	A.Raghavendra / G.Sowmya	2 units complete	50%	-	Sowmya
5.	EWS	K.L.Srinivasulu	units complete	50%	-	Srinivasulu
6.	ITWS	V.L.Chaitanya	4 experiments completed	45%	-	Chaitanya
7.	CHE LAB	R.Ramadevi	3 Experiments completed	40%	-	Ramadevi
8.	CPDS LAB	S.Nagendrudu	2 Experiments completed	25%	-	S.Nagendrudu
9.	BEE LAB	A.Raghavendra / Josna	3 Experiments completed	10%	-	Josna

PRINCIPAL

HOB

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR, ANANTHAPURAMU

ACADEMIC CALENDAR

B.Tech I Year - II Semester (2021-2022)

I Spell of Instructions:	12.05.2022 to 06.07.2022	(08 weeks)
I Mid-term Examinations: (1 st Objective + 1 st descriptive)	07.07.2022 to 12.07.2022	(04 days)
II Spell of Instructions:	13.07.2022 to 05.09.2022	(08 weeks)
Issue of Examination Notification	16.08.2022 (Tuesday)	
Finalization & submission of attendance to University (considering presumptive attendance for a period of one week)	30.08.2022 (Tuesday) (Presumptive week from 30.08.2022 to 05.09.2022)	
II Mid-term Examinations: (2 nd Objective + 2 nd descriptive)	06.09.2022 to 09.09.2022	(04 days)
Preparation and Practicals:	12.09.2022 to 17.09.2022	(06 days)
End Examinations:	19.09.2022 to 01.10.2022	(02 weeks)

Note:

- (i) The Mid-term Examinations should be conducted and completed as per the schedule given.
- (ii) All the midterm examinations shall be of both objective and descriptive type as per the academic regulations.
- (iii) For slippage of working days due to any unavoidable reasons, compensation can be made by conducting class work on second Saturdays, Sundays and other holidays, except on National Holidays and important festivals.

Date: 11.05.2022

Digitally signed by KESHAVA REDDY
EDDULA
Date: Wed May 11 11:53:56 IST 2022

DIRECTOR OF EVALUATION



SANTHIRAM ENGINEERING COLLEGE: NANDYAL

Approved by AICTE, New Delhi: Permanently Affiliated to JNTUA, Anantapuramu

Accredited by NAAC with A grade, An ISO 9001:2015 Certified Institution,

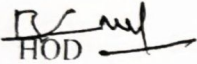
2(f) & 12(B) recognition by UGC Act, 1956,

NH-40, Nandyal-518501: Nandyal Dist. A. P

DEPARTMENT OF BASIC SCIENCES

Academic calendar for the Year **2021-2022 (I- II SEMESTER)**

S.NO.	PROGRAM	DATE	DURATION
1	I Spell of instruction	12.05.2022 to 06.07.2022	8 weeks
	I Mid-term Examination: (1 st Objective+1 st Descriptive)	07.07.2022 to 12.07.2022	04 days
2	II Spell of instruction	13.07.2022 to 05.09.2022	8 Weeks
	ESSAY WRITING COMPETITION	12-08-2022	
4	Issue of examination Notification	16.08.2022	
5	II Mid-Term Examinations: (2 nd objective +2 nd descriptive)	06.09.2022 to 09.09.2022	4 days
6	Preparation and Practicals	12.09.2022 to 17.09.2022	6 days
7	End Examinations	19.09.2022 to 01.10.2022	2 weeks


HOD


PRINCIPAL

SANTHIRAM ENGINEERING COLLEGE, NANDYAL
I.B.TECH-II-SEME -TIME TABLE FOR THE ACADEMIC YEAR 2021-2022 (R-20), W.E.F:

DAY	BRANCH	L U N C H				B R E A K				
		1 9:00-9:50	2 9:50-10:40	3 10:55-11:45	4 11:45-12:35	5 1:40-2:30	6 2:30-3:20	7 3:20-4:10	8 4:10-5:00	
MON	ECE-A	DEVC	DEVC	EDC	CPDS	CHE (B-1)/ EWS (B-2)			PET	
	ECE-B	CHE	CPDS	CPDS	EDC	DEVC	EDC	CRT(Q)	ES	
	CSE-A	AP	ED			P&S	Tutorial	PPDS		
	CSE-B	CE	PPDS LAB			AP	P&S	PPDS		
	CSE-DS	P&S	CRT(Q)	PPDS		P&S AP (B-1) / EG (B-2)				
	CSE-DG	CRT(Q)	P&S	PPDS		PPDS LAB			PET	
TUE	ECE-A	EDC	CPDS	CHE	Tutorial	ITWS LAB			MM	
	ECE-B	DEVC	CHE	CRT(S)		CHE (B-1)/ EWS (B-2)			MM	
	CSE-A	PPDS		P&S	CE	ED			MM	
	CSE-B	PPDS		CE	Tutorial	P&S	P&S	CRT(Q)	MM	
	CSE-DS	AP	ED			PPDS LAB			MM	
	CSE-DG	CE	CE LAB			AP (B-1) / EG (B-2)			MM	
WED	ECE-A	DEVC	EDC	CPDS	CHE	CHE (B-2) / EDC (B-1)			LIB	
	ECE-B	EDC	Tutorial	CHE	CPDS	ITWS LAB			SEM	
	CSE-A	AP	CE LAB			P&S	PPDS LAB			
	CSE-B	P&S	ED			AP (B-1) / EG (B-2)			LIB	
	CSE-DS	CE	Tutorial	PPDS		P&S	ED			
	CSE-DG	CRT(S)		PPDS			AP	CE	AP	SEM
THU	ECE-A	CPDS	DEVC	EDC	CHE	CRT(Q)	CRT(S)		ES	
	ECE-B	CHE	EDC	DEVC	DEVC	EWS (B-1) / EDC (B-2)			LIB	
	CSE-A	PPDS		AP	LIB	CE	CE	Tutorial	PET	
	CSE-B	PPDS		Tutorial	CE	AP	ED			
	CSE-DS	AP	CE	CRT(S)			AP (B-2) / EG (B-1)			PET
	CSE-DG	P&S	ED			CE	CE	P&S	LIB	
FRI	ECE-A	EDC	CHE	DEVC	CHE	EWS (B-1) / EDC (B-2)			SEM	
	ECE-B	CPDS	DEVC	CHE	EDC	CPDS LAB			ES	
	CSE-A	CE	AP	CRT(S)			P&S	AP (B-1) / EG (B-2)		
	CSE-B	P&S	AP (B-2) / EG (B-1)			CRT(S)		AP	SEM	
	CSE-DS	PPDS		Tutorial	CE	SEM	CE LAB			
	CSE-DG	PPDS		AP	Tutorial	Tutorial	ED			
SAT	ECE-A	CHE	DEVC	EDC	CPDS	CPDS LAB			ES	
	ECE-B	CPDS	DEVC	CHE	EDC	EDC (B-1) / CHE (B-2)			PET	
	CSE-A	CRT(Q)	P&S	PPDS			AP (B-2) / EG (B-1)			SEM
	CSE-B	AP	CE	PPDS			CE LAB			PET
	CSE-DS	CE	P&S	P&S	AP	AP	LIB	PPDS		
	CSE-DG	P&S	AP (B-2) / EG (B-1)			P&S	AP	PPDS		
SUB	ECE-A	ECE-B	CSE-A	CSE-B	CSE-DS	CSE-DG				
DEVC/P&S/T	T.Mani Deepika	Dr.B.Haritha	Dr.B.Seshaiah	Dr.V.Subbareddy	K.Ramesh	S.Chand Basha				
CHE/AP/T	Dr.P.Shaikshavali	R.Ramadevi	Dr.K.Aruna	K.Chandra Sekhar	Dr.B.Elijabemma	Dr.K.Aruna				
EDC/CE	S.Rambabu	S.Rambabu	A.G.Venkateswarlu	K.Krishna Reddy	K.Swarna	A.Sailaja				
CPDS/PPDS	J.David Sukeerthi Kumar	J.David Sukeerthi Kumar	S.Nagendrudu	S.Nagendrudu	S.Nagendrudu	S.Nagendrudu				
ITWS/ED	V.Lakshmi Chaitanya	M.Madhu Latha	M.Ravi Chandra	M.Ravi Chandra	M.Ravi Chandra	M.Ravi Chandra				
EWS/EG	K.I.Srinivasulu	K.I.Srinivasulu	P.Nagaraju	P.Nagaraju	P.Nagaraju	P.Nagaraju				
EDC LAB/CE LAB	S.Rambabu	S.Rambabu	A.G.Venkateswarlu	K.Krishna Reddy	K.Swarna	A.Sailaja				
CHE LAB/AP LAB	J.Sesha phani	J.Sesha phani	Dr.K.Aruna	K.Chandra Sekhar	Dr.B.Elijabemma	Dr.K.Aruna				
CPDS LAB/PPDS LAB	J.David Sukeerthi Kumar	J.David Sukeerthi Kumar	M.Sharmila Devi	G.Kiran Kumar	M.Amareswara Kumar	B.Sekhar				
CRT(S)	K.Sreelatha	K.Sreelatha	K.Sreelatha	S.Subbarao	S.Subbarao	S.Subbarao				
CRT(Q)	N.Sreenivasa Rao	N.Sreenivasa Rao	N.Sreenivasa Rao	N.Sreenivasa Rao	N.Sreenivasa Rao	N.Sreenivasa Rao				
ES/UHV	Dr.M.Swarna	M.Murali	A.Sailaja	K.Swarna	K.Krishna Reddy	A.G.Venkateswarlu				
LIBRARY	J.Sesha phani	M.Murali	K.Krishna Reddy	S.Chand Basha	A.Ramu	S.Subbarao				
SEM/CLASS TEACHER	Dr.P.Shaikshavali	R.Ramadevi	A.G.Venkateswarlu	K.Chandra Sekhar	K.Ramesh	K.Swarna				



SANTHIRAM ENGINEERING COLLEGE: NANDYAL

Lesson Plan

Branch : ECE-A Year & Semester : I-II
Name of the faculty : T.Mani Deepika Department : Mathematics
Subject Name : DE&VC Subject Code : 20A54201

Text Books

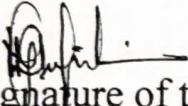
1. Erwin Kreyszig, Advanced Engineering Mathematics, 10/e
2. B.S.Grewal, Higher Engineering Mathematics, 44/e


Reference Books

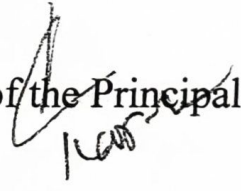
1. T.K.V.Iyenger, S.Chand Publications, Mathematics-1

S.No	Topic(s)	Book Reference	Teaching Methodology
1	Linear Differential equations of higher order	T1,T2,R1	Chalk & Blackboard
2	Homogenous and Non-Homogenous	T1,T2,R1	Chalk & Blackboard
3	complimentary functions	T1,T2,R1	Chalk & Blackboard
4	General Solution	T1,T2,R1	Chalk & Blackboard
5	Particular Integral	T1,T2,R1	Chalk & Blackboard
6	Wronskian	T1,T2,R1	Chalk & Blackboard
7	Method of Variation of Parameters	T1,T2,R1	Chalk & Blackboard
8	Simultaneous Linear Equations	T1,T2,R1	Chalk & Blackboard
9	Applications to L-C-R Circuit Problems	T1,T2,R1	Chalk & Blackboard
10	Mass Spring System	T1,T2,R1	PPT(PDF),Video
11	PDE-Introduction	T1,T2,R1	Chalk & Blackboard
12	Formation of PDE by Elimination of Arbitrary	T1,T2,R1	Chalk & Blackboard
13	Elimination of ordinary functions	T1,T2,R1	Chalk & Blackboard
14	Solutions of first order equations using Lagrange's	T1,T2,R1	Chalk & Blackboard
15	Classification of PDE	T1,T2,R1	Chalk & Blackboard
16	Method of Separation of Variables	T1,T2,R1	Chalk & Blackboard
17	Applications of PDE	T1,T2,R1	Chalk & Blackboard

18	One Dimensional Wave Equation	T1,T2,R1	PPT(PDF), Video
19	Vector Differentiation	T1,T2,R1	Chalk & Blackboard
20	Scalar and vector point functions	T1,T2,R1	Chalk & Blackboard
21	Vector Operator del	T1,T2,R1	Chalk & Blackboard
22	del applies to scalar point functions	T1,T2,R1	PPT(PDF), Video
23	Gradient	T1,T2,R1	Chalk & Blackboard
24	del applies to vector point functions- Divergence	T1,T2,R1	Chalk & Blackboard
25	curl	T1,T2,R1	Chalk & Blackboard
26	Vector Identities	T1,T2,R1	Chalk & Blackboard
27	Vector Integration	T1,T2,R1	Chalk & Blackboard
28	Line Integrals	T1,T2,R1	Chalk & Blackboard
29	Circulation	T1,T2,R1	Chalk & Blackboard
30	Workdone	T1,T2,R1	Chalk & Blackboard
31	Surface Integrals-Flux	T1,T2,R1	Chalk & Blackboard
32	Green's Theorem	T1,T2,R1	Chalk & Blackboard
33	Stoke's Theorem	T1,T2,R1	Chalk & Blackboard
34	Volume Integral	T1,T2,R1	PPT(PDF), Video
35	Divergence Theorem	T1,T2,R1	Chalk & Blackboard
36	Applications of these functions	T1,T2,R1	Chalk & Blackboard


Signature of the
Faculty member


Signature of the
Head of the Department


Signature of the Principal

LECTURE RECORD

Subject: BE & VC

Duration of each exam (Mid) : 1 1/2

Credits: 3

Max. Marks : 30

No. of Internal Exams (Mids) : 2

S.No.	Date	Topic Covered / Exercise Completed	Remarks
1	14/05/22	Introduction	
2	16/05/22	Basic definitions of Differential Equations	chalk & BB
3	17/05/22	Linear Differential Eqns of first order	chalk & BB
4	18/05/22	Linear Differential Eqns of second order & higher order	chalk & BB
5	19/05/22	Method - I particular integrals	chalk & BB
6	20/05/22	problems	chalk & BB
7	23/05/22	Method - II particular integrals	chalk & BB
8	24/05/22	problems	chalk & BB
9	25/05/22	Method - III particular integrals	chalk & BB
10	26/05/22	problems	chalk & BB
11	27/05/22	Method - IV particular integrals	chalk & BB
12	28/05/22	problems	chalk & BB
13	30/05/22	Method - V particular integrals	chalk & BB
14	31/05/22	problems	chalk & BB
15	01/06/22	probable method for MDP	chalk & BB
16	02/06/22	Method of variation of parameters & problems	chalk & BB
17	03/06/22	Simultaneous Linear Differential Equations & constant	chalk & BB
18	04/06/22	problems	chalk & BB
19	06/06/22	RC Circuits	chalk & BB
20	07/06/22	Max spring system of circuit problems	chalk & BB
21	08/06/22	Unamped System problems	chalk & BB
22	09/06/22	Damped System problems	chalk & BB
23	10/06/22	Unit - II Introduction	
24	11/06/22	Primer of the first unit	
25	13/06/22	PDE by eliminating arbitrary constant	chalk & BB
26	14/06/22	problems	chalk & BB
27	15/06/22	Eliminating arbitrary functions	chalk & BB

LECTURE RECORD

Subject : DE & VC

Duration of each exam (mins) 1 1/2

Credits : 3

Max Marks 30

No. of Internal Exams (Mids) : 2

S.No.	Date	Topic Covered / Exercise Completed	Remarks
28	18/06/22	Slip test, practice	C & BB
29	20/06/22	problems on arbitrary functions	C & BB
30	21/06/22	problems	C & BB
31	22/06/22	linear partial differential Eqn of first order. Lagrange's lines	C & BB
32	23/06/22	problems	C & BB
33	24/06/22	Method of grouping	C & BB
34	25/06/22	Method of multipliers	C & BB
35	27/06/22	practice, slip test	-
36	29/06/22	problems on method of multipliers	C & BB
37	30/06/22	problems	C & BB
38	01/07/22	UNIT - III Applications of PDE	C & BB
39	02/07/22	Classifications of PDE	C & BB
40	04/07/22	Method of separation of variables	C & BB
41	05/07/22	practice for mid 3 Examination.	-
42	07/07/22	paper verification	-
43	13/07/22	Method of separation of variables problems	C & BB
44	14/07/22	problems	C & BB
45	15/07/22	One dimensional wave Eqn.	C & BB
46	16/07/22	Solution of one dimensional wave Eqn.	C & BB
47	18/07/22	problems on one dimensional wave Eqn & study hour	C & BB
48	19/07/22	problems	C & BB
49	20/07/22	One dimensional heat Eqn & solution of heat Eqn.	C & BB
50	21/07/22	problems on heat Eqn.	C & BB
51	22/07/22	heat Eqn with non-homogeneous boundary conditions.	C & BB
52	23/07/22	One-dimensional heat Eqn of steady state	C & BB
53	25/07/22	Derivations of one-dimensional wave & heat Eqn's	C & BB
54	26/07/22	Unit-IV Vector differentiation	C & BB

LECTURE RECORD

Subject : DE & VC

Duration of each exam (Mid) : 1 1/2

Credits : 3

Max. Marks : 30

No. of Internal Exams (Mids) : 2

S.No.	Date	Topic Covered / Exercise Completed	Remarks
55	27/7/22	Directional derivatives problems	C & BB
56	28/7/22	Directional derivatives problems	C & BB
57	29/7/22	Directional derivatives problems	C & BB
58	30/7/22	Divergence of a vector problems	C & BB
59	01/08/22	Curl of a vector	C & BB
60	02/08/22	Curl of a vector	C & BB
61	03/08/22	Vector operator and related definitions	C & BB
62	04/08/22	Vector identities	C & BB
63	05/08/22	Vector identities	C & BB
64	06/08/22	Vector identities	C & BB
65	08/08/22	Vector identities based applications and problems	C & BB
66	10/08/22	CNI-V Vector Integration	C & BB
67	11/08/22	Line integrals	C & BB
68	12/08/22	Line integrals problems	C & BB
69	13/08/22	problems	C & BB
70	16/08/22	Surface integrals	C & BB
71	17/08/22	Surface integrals problems	C & BB
72	18/08/22	Surface integrals problems	C & BB
73	20/08/22	problems	C & BB
74	22/08/22	problems	C & BB
75	23/08/22	Gauss - Divergence Theorem & based problems	C & BB
76	24/08/22	Gauss - Divergence Theorem & based problems	C & BB
77	25/08/22	Green's Theorem & based problems	C & BB
78	26/08/22	Stokes's Theorem & based problems	C & BB
79	27/08/22	Stokes's Theorem & based problems.	C & BB
		30/08/22 - 01/09/22 - presumptions.	C & BB

12/9/22

Syllabus completed

27/08/22



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

SREC/ BS /F-062
Rev.00

MONTHLY SYLLABUS COVERAGE REPORT

Department : ECE-A

Class / Seme: I-II

Month & Year: JUNE/2022

Date: 27/06/2022

Sl. No.	Name of the Subject/Lab	Name of the Faculty	No. of units /Experiments covered (Cumulative)	Percentage of Syllabus Coverage	Planning if short fall	Faculty Sign
1	DEVC	T.Mani Deepika	2 units completed	50%	-	T.Mandireddy
2	CHE	Dr.P.Shaikshavali	10 units completed	100%	-	Shavali
3	CPDS	J.David Sukeerthi Kumar.	2 units completed	45%	-	J.David
4	EDC	S.Rambabu	2 units completed	40%	-	S.Rambabu
5	EWS	K.L.Srinivasulu	3 units completed	50%	-	K.L.
6	ITWS	V.Lakshmi Chaitanya	10 units completed	100%	-	V.Lakshmi
7	CPDS LAB	J.David Sukeerthi Kumar	5 labs completed	50%	-	J.David
8	CHE LAB	J.Seshaphani	10 experiments completed	100%	-	J.S.
9	EDC LAB	S.Rambabu	5 labs completed	65%	-	S.Rambabu
10	ES	Dr.M.Swarna kumari	4 labs completed	50%	-	M.Swarna

PRINCIPAL

HOD