

2.2.1. Special Programmes for advanced learners and slow learners

Identification of Slow Learners and Advanced Learners

**KRISHNA CHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES**

Devarajagattu (Post), Peddaraveedu (Mandal), Prakasam Dist. - 523 320.

(Approved by A.I.C.T.E., New Delhi, & Affiliated to JNTUK, Kakinada)

NAAC ACCREDITED INSTITUTION**Department of Electronics & Communication Engineering**

Regulation:- R16 A.Y:- 2020-21 Course:- III B.Tech I Sem Section-A

ADVANCED LEARNERS

S No	Roll No	Student Name	No of Backlogs
1	18JU1A0406	AMBAVARAM ASHOK KUMAR REDDY	0
2	18JU1A0409	KUNDURU BHAGYAMMA	0
3	18JU1A0416	DARISI GOWTHAMI	0
4	18JU1A0420	KOLAGATLA HARITHANJALI	0
5	18JU1A0422	SIRIPIREDDY HEMALATHA	0
6	18JU1A0425	AKAVEETI JOY	0
7	18JU1A0456	SAGANI POOJA REDDY	0
8	18JU1A0457	PYDIMARRI PUJITHA	0

SIGNATURE OF FACULTY

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Regulation:- R16 A.Y:- 2020-21 Course:- III B.Tech I Sem Section-A

WEAK LEARNERS

S No	Roll No	Student Name	No of Backlogs
1	17JU1A0468	PANKA SAI SRAVAN KUMAR	8
2	17JU1A0407	KOLA ASHOKAN	15
3	18JU1A0419	THIRUMALAREDDY HARI KRISHNA REDDY	10
4	18JU1A0432	CHITTYALA KRISHNA REDDY	14
5	18JU1A0438	NAMALA MALIKARJUNA	9
6	18JU1A0441	BONDIGALA MOUNIKA	9
7	18JU1A0448	BATTU NATARAJ	11
8	18JU1A0453	MANNEM NITHIN KUMAR REDDY	17

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NAAC ACCREDITED INSTITUTION

Department of Electronics & Communication Engineering

Regulation:- R16 A.Y:- 2020-21 Course:- III B.Tech I Sem Section-B

ADVANCED LEARNERS

S No	Roll No	Student Name	No of Backlogs
1	18JU1A0473	PAGADALA SIVA SAI PRANITHA	0
2	18JU1A0478	SUREDDY SRI LAKSHMI	0
3	18JU1A0481	SRIRANGAM SUCHARITHA	0
4	18JU1A0482	GONTLA SUDHATHRI	0
5	18JU1A0484	PUVVADA SUMANTH KUMAR	0
6	18JU1A0486	ILLURI SUREKHA	0
7	18JU1A0487	GAJJALAKONDA SUSHMA	0
8	18JU1A0488	ANNEM UMA MAHESWARI	0
9	18JU1A0493	CHATAKONDU VANI	0
10	18JU1A04A3	T V SAI LEELA MADHURI	0
11	18JU1A04B0	MORIMISSETTY VENKATESH	0
12	18JU1A04B1	GAYAM VIJAYA LAKSHMI	0

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NAAC ACCREDITED INSTITUTION**Department of Electronics & Communication Engineering**

Regulation:- R16 A.Y:- 2020-21 Course:- III B.Tech I Sem Section-B

WEAK LEARNERS

S No	Roll No	Student Name	No of Backlogs
1	18JU1A0461	CHEKURI RAMA KRISHNA	11
2	18JU1A0465	YERUVA SAI KUMAR REDDY	10
3	18JU1A0466	SAMPASANI SAI NAGARJUNA	11
4	18JU1A0477	MEDIPALLI SRAVANTHKUMAR	8
5	18JU1A0495	MOTHKURI VENGAIAH	11
6	18JU1A04A0	REPANA VENKATA RAMANA	8
7	18JU1A04B3	CHEDURI UDAY KUMAR	10
8	18JU1A04B4	PUSALA YASHWANTH	9
9	18JU1A04B5	GADE SAI AKHIL CHANDRA	10
10	19JU5A0403	JANAKI JANARDHAN	11
11	19JU5A0405	SIDDAVATAM SINDURA	10
12	19JU5A0406	SUNKESULA SATISH BABU	8

SIGNATURE OF FACULTY

***Schedule of Tutorial Classes
and Topics Covered***



RECORD OF TUTORIAL CLASSES

Academic Year: 2020-21 (R19) Class: II B. Tech I-semester - ECE – (A&B)

SUBJECT: RANDOM VARIABLES AND STOCHASTIC PROCESS

TUTORIAL 1 : UNIT-I: TOPICS COVERED

- Definition and Conditions for a Function to be a Random Variable
- Discrete and Continuous, Mixed Random Variable
- Random Variables.

TUTORIAL 2 : UNIT-I: TOPICS COVERED

- Binomial ,Gaussian, problems.
- Exponential, Rayleigh Distribution and Density functions.
- Conditional Density, Properties & Problems.

TUTORIAL 3 : UNIT-II: TOPICS COVERED

- Expected Value and Function of a Random Variable.
- Moments about the Origin, Central Moments.

TUTORIAL 4 : UNIT-II: TOPICS COVERED

- Characteristic Function & Moment Generating Function.
- Transformations of a Random Variable Monotonic Transformations for a Continuous Random Variable.
- Chebychev's Inequality

TUTORIAL 5 : UNIT-III: TOPICS COVERED

- Properties of Joint Distribution Marginal Distribution Functions.
- Conditional Distribution and Joint Distribution and density problems
- Expected Value of a Function of Random Variables & problems.

TUTORIAL 6 :

UNIT-III: TOPICS COVERED

- Marginal Distribution, Central Limit Theorem & problems.
- Joint Moments about the Origin,
- Joint Central Moments & Problems.

TUTORIAL 7 :

UNIT-IV: TOPICS COVERED

- Wheat stone bridge, Measurement of very low resistance.
- Measurement of inductance Maxwell's bridge, Problems
- Anderson bridge, Problems.

TUTORIAL 8 :

UNIT-IV: TOPICS COVERED

- Deterministic and Nondeterministic Processes Distribution and Density Functions.
- First-Order Stationary Processes & Second- Order.
- Ergodicity, Mean-Ergodic Processes.

TUTORIAL 9 :

UNIT-V: TOPICS COVERED

- Power Spectrum Autocorrelation Function
- Cross-Correlation Function.
- Power Density Spectrum, Cross-Power Density Spectrums

TUTORIAL 10 :

UNIT-V: TOPICS COVERED

- Autocorrelation Function of Response
- Band-Limited and Narrowband Processes.
- Arbitrary Noise Sources, Resistive (Thermal) Noise Source


Signature of Faculty

Remedial Classes for Slow (Weak) Learners



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REMEDIAL CLASSES

Branch: ECE

A.Y: 2020-21 ODD SEM

Batch & Year-Sem :- 17 & IV-I

Year & SEM: III YEAR II SEM

Time:-04:40 PM TO 05:30 PM

Subject Name: - DIGITAL SIGNAL PROCESSING

Faculty Name: Mr. Siva Sankar

1. Remedial-1

Date:- 17 - 09 - 2020

Topics Covered: - Discrete time signals & sequences, stability of LTI systems

Students attended:- 17JUIA0403, 404, 408, 416, 455, 456, 458

2. Remedial-2

Date:- 25 - 09 - 2020

Topics Covered: - Linear filtering methods based on DFT, properties of DFT

Students attended:- 17JUIA0404, 408, 447, 448, 450, 451, 482

3. Remedial-3

Date:- 22 - 10 - 2020

Topics Covered: - frequency response, Basic Structures of FIR systems.

Students attended:- 17JU1A0103, 404, 439, 441, 443, 444, 458

4. Remedial-4

Date:- 30-10-2020

Topics Covered: - Basic Structures of IIR systems, Transposed form,

Students attended:- 17JU1A0404, 439, 460, 469, 478, 480, 481

5. Remedial-5

Date:- 12-11-2020

Topics Covered: - Decimation, Interpolation, Sampling rate conversion

Students attended:- 17JU1A0404, 469, 478, 481, 483, 484, 496, 480

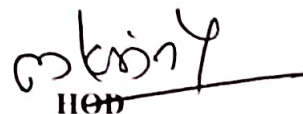
6. Remedial-6

Date:- 20-11-2020

Topics Covered: - Multiple Access Memory, Central Arithmetic Logic unit.

Students attended:- 17JU1A0403, 404, 478, 484, 481, 480, 481, 482


Signature of Faculty


HOD



REMEDIAL CLASSES

Branch: ECE

A.Y: 2020-21 ODD SEM

Batch & Year-Sem :- 17 & IV-I

Year & SEM: III YEAR II SEM

Time:-04:40 PM TO 05:30 PM

Subject Name: - MICRO PROCESSOR AND MICRO CONTROLLERS

Faculty Name: Mr. RAMA SURBA REDDY

1. Remedial-1

Date:- 16/09/2020

Topics Covered: - 8086 microprocessor family, 8086 internal architecture, bus interfacing unit, execution unit minimum mode & maximum mode

Students attended:- 1720170408, 439, 443, 456, 460, 478

2. Remedial-2

Date:- 24/09/2020

Topics Covered: - Program development steps, instruction, addressing modes, assembler directives, writing simple programmable interrupt controller

Students attended:- 1720170480, 473, 456, 443, 408

3. Remedial-3

Date:- 28/10/2020

Topics Covered: - Semiconductor memory interfacing, Intel 8237A DMA controller, Intel 8255 programmable interrupt.

Students attended:- 17J01AD460, 403, 408, 439, 456.

4. Remedial-4

Date:- 29/10/2020

Topics Covered:- Architectural differences b/w 80386 & 80486 micro processor, programming concepts

Students attended:- 17J01AD408, 439, 473, 480, 456

5. Remedial-5

Date:- 11/11/2020

Topics Covered:- External memory, counters Timers, serial data Input/Output, key board, display, A/D & D/A converters.

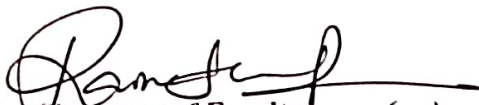
Students attended:- 17J01AD473, 456, 443, 408, 450

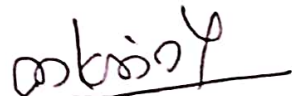
6. Remedial-6

Date:- 19/11/2020

Topics Covered:- Interrupts, PIC 16F877 architecture, instruction set of the PIC 16F877.

Students attended:- 17J01AD403, 408, 473, 456, 443, 408, 439


Signature of Faculty


HOD