



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi, & Permanently Affiliated to J.N.T.U.K., Kakinada)

NAAC “B++” Accredited Institute

Cherukupally (Village), Near Tagarapuvalasa Bridge, Vizianagaram (Dist) -531162.

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2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

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2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

Response:

The teaching-learning process is one major objective and the strength of our college. Students are given a right blend of traditional and modern methods to make learning student-centric and a rewarding experience. Experiential learning, participative learning and problem solving methodologies are well adopted to ensure the holistic development of students and facilitate life-long learning and knowledge management.

a) Experimental Learning

1. Practical courses (laboratory) including Add on experiments are made compulsory in the offline mode class activities.
2. The inclusion of Internship is develops good practices and innovative methods of learning, The traditional lecture and laboratory activities have evolved into more open ended, Internship-based experiences that help students develop additional skills and contextualize the learning of theories.
3. Each student has to do a Project as part of the curriculum where the student can choose a domain of their interest and implement their innovation. The students are motivated to do industry and research oriented projects.
4. Content beyond the experiments are assigned to the student to fill the gap between curriculum and industry requirements.

Experimental Learning

- **Virtual Lab**
- **Academic Projects**
- **Internship**
- **Workshop**



DEPARTMENT OF MECHANICAL ENGINEERING

Virtual Lab conducted by the Department

HEAT TRANSFER

ACADEMIC YEAR: 2021-2022


YEAR-III/II

DATE:-16-12-2021

LINK:-HEAT TRANSFER (<https://mfts-iitg.vlabs.ac.in/>)

Shakshat Virtual Lab

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI



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To investigate the Lambert's distance law.

Theory Procedure Software Package Simulator

Theory

Principle:

This law states that the irradiance (luminance) of the radiation emitted by a point source decreases with the square of the distance.

$$E_{meas.pt} = \frac{1}{L^2}$$

Where, $E_{meas.pt}$ = irradiance at the measuring point

L = Distance of the measuring point from the point source in m.

Description:

1. Heat Source.
2. Thermopile for measuring the radiation, on rotating mounting.
3. Luxmeter for measuring the luminous intensity on rotating mounting.
4. Absorption plates with temperature measurement points.
5. Colour filters (red, yellow, infrared) and an aperture with clamping mount.
6. Swivelling light source.
7. Frame for the components.

Virtual Lab-Heat Transfer-IIT Guwahati



Virtual Lab-Heat Transfer-IIT Guwahati


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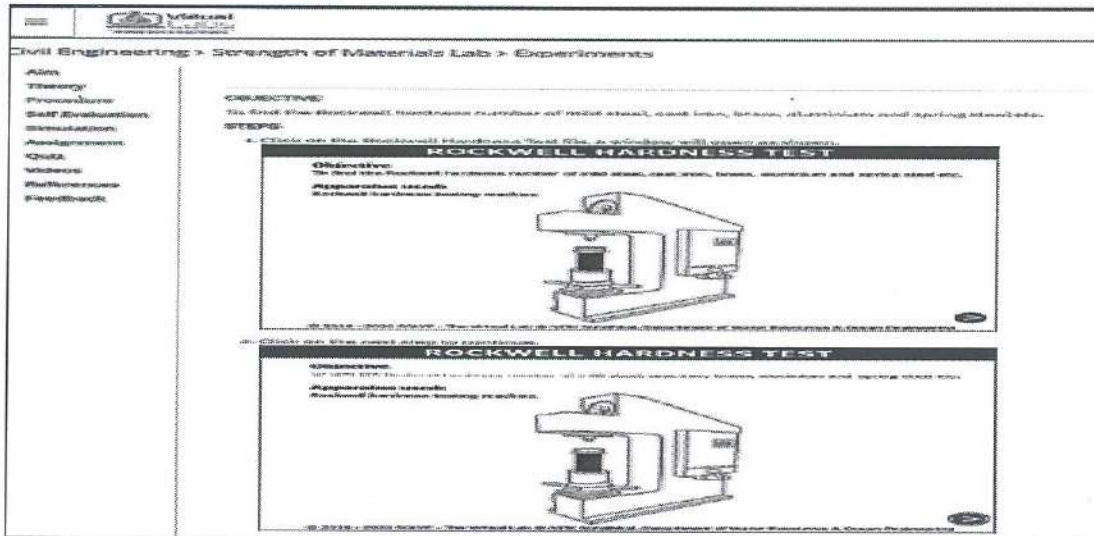
ROCKWELL HARDNESS TEST

ACADEMIC YEAR : 2021-2022

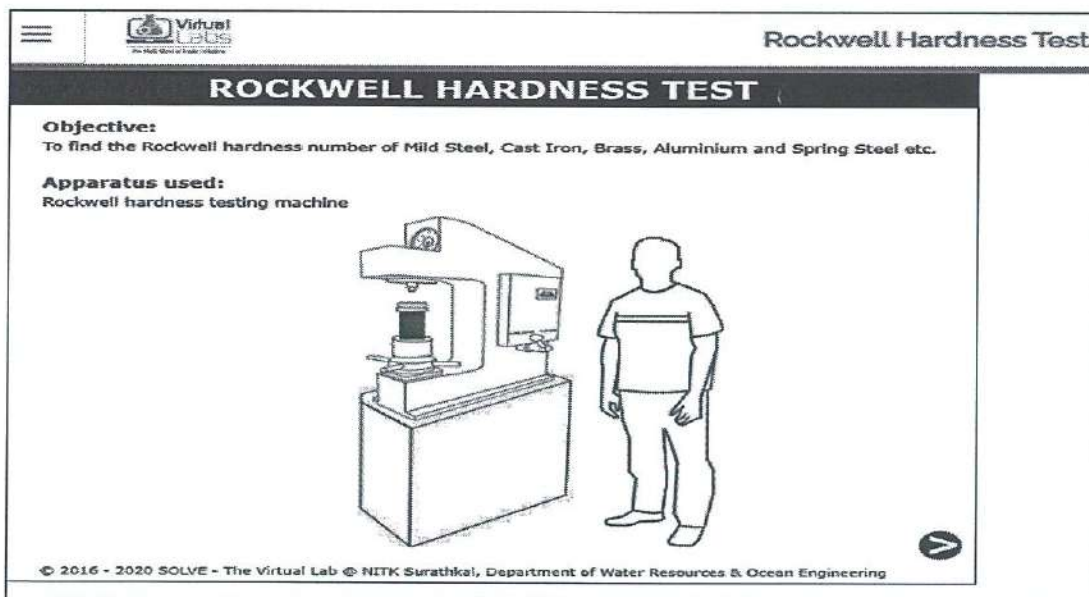
YEAR-II/I

DATE:-12-10-2021

LINK:- <https://sm-nitk.vlabs.ac.in/exp/rockwell-hardness-test>



Virtual Lab-Rock well Hardness Test-NITK



Virtual Lab-Rock well Hardness Test-NITK

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CNC TURNING

ACADEMIC YEAR: 2021-2022

YEAR-IV/I

DATE:-11-11-2021

LINK:- <http://vlabs.iitkgp.ac.in/psac/newlabs2020/vlabiitkgpAM/exp2/index.html#>

Virtual Labs
An MoE Govt of India Initiative

VIRTUAL LAB ON BASIC MANUFACTURING

Home > Virtual Lab on Manufacturing processes > CNC Turning

CNC Turning

INTRODUCTION **PREQUIZZ** **THEORY** **OBJECTIVE** **PROCEDURE** **SIMULATOR** **QUIZZES** **REFERENCE**

Objective

1. To study the CNC turning machine.
2. To perform experiments on the CNC turning machine like step turning and facing
3. Cutting mechanism of the CNC machine.

Virtual Lab-CNC Turning-IITKgp

CNC Simulator

80 FPS (15-40)

Tool Motion Controller

Spindle Motion (RPM) 0 START STOP

Tool X Position Set 0 START STOP

Tool Y Position Set 0 START STOP

Tool Z Position Set 0 START STOP

Virtual Lab-CNC Turning-IITKgp

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LOAD TEST ON SI ENGINE

ACADEMIC YEAR: 2021-2022

YEAR-II/II

DATE:-22-11-2021

LINK:- <http://vlabs.iitkgp.ac.in/rtvlas/exp3/index.html#>

Virtual Labs
An MHRD Govt of India Initiative

REMOTE TRIGGERED VIRTUAL LAB ON AUTOMOTIVE SYSTEMS

Home > Remote Triggered Virtual Lab on Automotive Systems > Load Test on a SI Engine

Load Test on a SI Engine

INTRODUCTION THEORY OBJECTIVE PROCEDURE SIMULATOR QUIZ REFERENCE

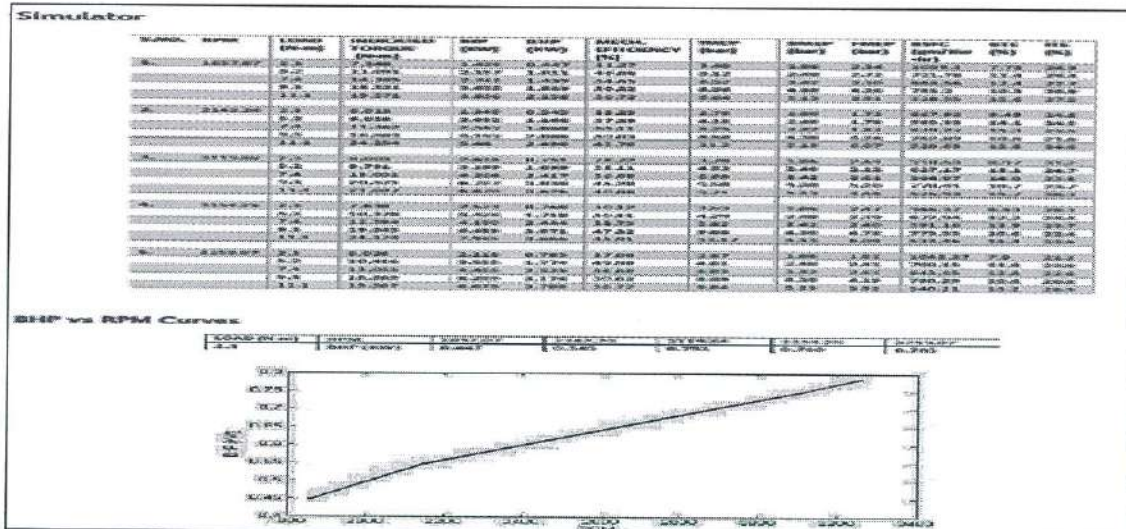
Procedure

This remote triggered virtual lab is accessible over the internet you have to use the login user id and password provided to you when you registered for this experiment.

Please refer to the detailed procedure sent to you by email. You need to have team viewer software installed in your computer with an high speed internet access. You'll be able to get visual feed from the lab where the experimental setup is physically placed while the experiment is being conducted you have the option to access and retrieve the experimental data over the internet to your computer for further processing.

For working from the lab , one has to switch on the water pump, the motor, fuel supply, and the control panel. Once the engine starts go to Online data, you can get the P-V and P-Cd curves, Heat balance data and other data by clicking START. Adjust the dynamometer load control for varying the torque. To get the fuel meter reading , click FC Meter Start and simultaneously open the valve of the fuel pipe. When both the indicators turn light green, close the valve and you get the reading in seconds. You can save data for 5 loads namely LOAD 1, LOAD 2, and so on. Finally , you can go in history and check the previously saved data.

Virtual Lab-Load Test on a SI Engine-IITKgp



Virtual Lab-Load Test on a SI Engine-IITKgp

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DEPARTMENT OF MECHANICAL ENGINEERING

Academic year: 2021-2022

Year/Sem: IV/II

PROJECTS AND THEIR TITLES

SECTION-A

S.No	Roll.No	Name of the Student	Project Title
BATCH 1			
1	19Q75A0332	K.Upendra	Twin cylinder's water pumping system using scotch voke mechanism
2	19Q75A0308	G.Amarthyasai	
3	19Q75A0330	G.Manikanta	
4	19Q75A0301	A.Damodar Sai	
5	18521A0311	K.SHIVA	
BATCH 2			
1	19Q75A0315	S.Kiran Kumar	Fabrication of pedal operated power generation
2	18Q71A0308	B.Prasanth	
3	18Q71A0309	B.Anil	
4	18Q71A0303	A.Sudheer	
5	19Q75A0306	G.Bhaskar	
Batch-3			
1	19Q75A0320	A Manikanta	Automatic fire 3 fighting robot
2	19Q75A0327	Ch Hari	
3	19Q75A0304	B. Vamsi	
4	19525A0313	D Bala Vamsi	
5	18521A0309	G.Shiva Sai	
BATCH 4			
1	18Q71A0307	B.Jairam	Fabrication of 4 shredding machine
2	19Q75A0335	N.Vijay Kumar	
3	19Q75A0323	B.Srinu	
4	18Q71A0314	Ch Hemanth	
5	19525A0306	B.Hemanth	
BATCH5			
1	19Q75A0325	B Karthik	Desalination of sea water using solar energy
2	19Q75A0326	A Pavan Kumar	
3	19Q75A0334	M.Pavan Kumar	
4	19Q75A0318	T.Upendra	
5	19525A0314	D Anil Kumar	
BATCH6			
1	18Q71A0304	B.V.Sai Deva	Manufacturing of remote control boat for

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2	18Q71A0301	A Gowhat Khan	water pollution monitoring
3	18Q71A0310	B Ramji	
4	19Q75A0321	B Sai Kumar	
BATCH 7			
1	18Q71A0310	D Naveen	Design and analysis of cfrp with the study of mechanical investigations using various infill patterns for prosthetics
2	19Q75A0316	A.Sai Sandeep	
3	19Q75A0305	CH.Srivastav	
4	18521A0301	B.Balaji	
BATCH8			
1	19Q75A0328	D.Hemanth Kumar	Experimental analysis on the mechanical properties of jute chopped strandmat and e-glass fiber reinforced hybrid composites
2	19Q75A0310	G.Bhanu Prakash	
3	19525A0307	Behara Hemanth	
4	19Q75A0303	Basava Tarun	
5	17Q71A0312	B.Sai Kiran	
Batch 9			
1	19Q75A0333	K Chandra Rao	Investigation of performance, combustion, emission and vibration analysis of variable speed indirect injection diesel engine using preheated jathopha methyle ester.
2	19Q75A0322	Sai Kumar	
3	18Q71A0303	A Sudeer	
4	19Q75A0319	A.Govind Raju	
5	19Q75A0302	B Gopi Charan	
BATCH-10			
1	19Q75A0313	L.Pavan Kumar	Conversion of waste plastics into fuels
2	19Q75A0311	K.V.S.Sai	
3	19Q75A0317	Sk.Khadar Ali	
4	18Q71A0311	Ch.Sateesh	
5	18Q71A0312	Ch.Harsha Vardhan	
BATCH 11			
1	18Q71A0306	B.Tulasi ramu	Access control system
2	19Q75A0307	D.Naranaya Rao	
3	18Q71A0305	B.Mahesh	
4	18Q71A0318	E Pavan Kumar	
BATCH-12			
1	18Q71A0317	D.Raju	Reliability in the NDT for the cast iron and copper tube.
2	19Q75A0312	K.Sai ram	
3	18Q71A0302	A.Ganapathi Rao	

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SECTION-B

S.no	Roll.no	Name of the Student	Project title
BATCH 1			
1	19Q75A0355	G.Yogesh	Low cost refrigeration by using LPG
2	19Q75A0353	E.Dillesh	
3	19Q75A0362	G.Kishore	
4	18Q71A0320	G.Venkatesh	
5	18Q71A0324	K.Leela Sagar	
BATCH 2			
1	18521A0312	N Chinna Rao	Pneumatic launching machine for sports
2	19525A0342	M Sai Kumar	
3	19Q75A0350	K Dinesh Kumar	
4	19525A0334	K Srinu	
5	18521A0313	P Tata Rao	
BATCH 3			
1	19Q75A0337	N Sai	Electrochemical machining
2	19Q75A0361	G Seetha Ram	
3	18Q71A0330	K Murali	
4	18Q71A0321	G Amith	
5	18Q71A0334	M Anoj Kumar	
BATCH 4			
1	19Q75A0364	I Rambabu	Electrical walking treadmill bike
2	19Q75A0356	G Leela Ganesh	
3	18Q71A0331	K Appala Naidu	
4	19525A0329	K Bharath	
5	18Q71A0329	K Ajay	
BATCH 5			
1	19Q75A0366	K Yaswanth	Fabrication of friction welding machine
2	19Q75A0339	Ch Nirmal	
3	18Q71A0325	K Bharath	
4	19Q75A0360	Sanjay Reddy	
BATCH 6			
1	19Q75A0370	K.Ramakrishna	Assesment of diesel engine combustion characteristics using nano particles added biodiesel diesel blend
2	19Q75A0342	Ch.Sridhar Varma	
3	19Q75A0349	D.Sai Teja	
4	18Q71A0319	G.Naveen	
5	18Q71A0328	K.Avinash Sai	
BATCH 7			
1	19Q75A0352	D.Saikumar	Power generation by using darrieus turbine
2	19Q75A0341	T.Dileepkumar	
3	19Q75A0347	D.Manikanta	

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4	19Q75A0351	J.Anil Kumar	
5	18Q71A0335	M.Kishore	
BATCH 8			
1	19Q75A0358	G.Guna Satya Sekhar	Fabrication of grain threshing machine
2	19Q75A0357	P.Prasanth	
3	19Q75A0338	P.Mohankumar	
4	19Q75A0346	D.Sai Kumar	
5	18521A0316	R.Ram Rohit	
BATCH 9			
1	19Q75A0369	Kodiboyina.Avinash	Modelling and analysis of rocket nozzle models by using catia and ansys cfd
2	19Q75A0340	S.Jagadish	
3	19Q75A0359	D.Teja	
4	18Q71A0333	L.Manikanta	
5	18Q71A0326	K.Jithin Avinash	
BATCH 10			
1	19Q75A0345	D.Chandra Sekhar	Purification of mud water for reusing
2	19Q75A0367	K.Vamsi Reddy	
3	19Q75A0363	I.Joshuva Kumar	
4	19Q75A0344	Y.Venkata Sai Kiran	
5	19525A0328	K.Ramana	
BATCH-11			
1	19Q75A0354	N.Bhavani Shankar	Qualitative testing of the thermal conductivity of liquids
2	19Q75A0365	J.Gowtam	
3	19Q75A0343	V.Sai Krishna	
4	19Q75A0336	N.Ganesh Gunavardan	

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SECTION-C

S.no	Roll no	Name of the Student	Project title
BATCH-1			
1	18Q71A0340	Rama krishna	Grain dust separating machine
2	19Q75A0374	Krishna babu	
3	18521A0318	Pratap	
4	18Q71A0359	Visal	
5	18Q71A0348	Sarat kumar	
BATCH-2			
1	18Q71A0361	K rajesh	Fabrication of intelligent breaking system
2	19Q75A0373	K giridhar	
3	19Q75A0378	Polaraju	
4	19Q75A0380	Hemanth	
5	18Q71A0343	R sai charan	
BATCH-3			
1	19Q75A0371	K k.c.simha reddy	Fabrication of abrasive jet machine
2	19Q75A0392	Dhanujay	
3	19Q75A0383	P ganesh	
4	19Q75A0379	N chandu	
5	18Q71A0360	Sofiyan	
BATCH-4			
1	19Q75A0384	R hemanth	Fabrication of mini ductable & movable ac
2	19Q75A0389	V bhanu	
3	19Q75A0381	P sai kumar	
4	19Q75A0396	P aneesh	
5	18Q71A0344	P.dinesh kumar	
BATCH-5			
1	19Q75A0387	V teja	Generation of electricity using trash
2	19Q75A0386	V john	
3	19Q75A0394	M dheeraj	
4	19Q75A0397	Dinesh	
5	18Q71A0342	Ramadhyani	
BATCH-6			
1	19Q75A0388	V anil kumar	Faulty product detection and separation system
2	19Q75A0372	K sai krishna	
3	19Q75A03A0	L hemanth	
4	18Q71A0350	Dinesh kumar	
5	18Q71A0357	Sai ganesh	

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BATCH-7			Fabrication of oil skimmer
1	19Q75A0395	R manohar	
2	19Q75A0393	Dinesh nandan	
3	19Q75A0390	B.y.phani	
4	18Q71A0339	P.neelesh	
5	19Q75A0345	R.sekhar kumar	
BATCH-8			Design and fabrication of solar refrigeration using peltier module
1	19Q75A0399	P saiteja	
2	91Q75A0377	Kranthi kumar	
3	19Q75A0382	Hemanth yadav	
4	18Q71A0346	S.chanthi	
5	18Q71A0338	Prasad chanthi	
BATCH-9			Fabrication of indoor farming hydroponic plant grow chamber
1	19Q75A03A1	P veeru jagadish	
2	19Q75A0385	T achyuth	
3	19Q75A0398	G rajesh	
4	19Q75A0375	Suresh	
BATCH-10			Fabrication of automatic water tank cleaning machine
1	19525A0353	P saiteja	
2	19525A0363	Sunil kumar maharana	
3	18521A0319	T.abhishek	
BATCH-11			Fabrication of economical oxygen concentrator
1	19525A0364	S venkatesh	
2	19Q75A0376	M satish	
3	18521A0317	Shankar	
4	19525A0365	T karthik	

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Bhogapuram



M.TECH (CAD/CAM)

SI.NO	ROLL NO	TITLE OF THE PROJECT	PROJECT GUIDE
1	19Q71D0407	DESIGN OF EMERGENCY 3D PRINTED ELECTRO-MECHANICAL VENTILATOR WITH BAG-VALVE-MASK (BVM).	M.L.SRAMIKA
2	17Q71D0411	FINITE ELEMENT ANALYSIS OF THE EFFECT OF MOTORCYCLE HELMET MATERIAL AGAINST IMPACT VELOCITY DURING ACCIDENT	V.SARAN TEJ

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Sample copies of Project Title:

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DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project report titled "FABRICATION OF SHREDDING MACHINE" has been carried out by following students.

B. JAIRAM	18Q71A0307
N. VIJAY KUMAR VARMA	19Q75A0335
B. SRINU	19Q75A0323
CH. HEMANTH	18Q71A0314
B. HEMANTH	19525A0306

Under the guidance of partial fulfillment of requirements for the award of the degree of Bachelor of Technology in **Mechanical Engineering**, Avanthi Institute of Engineering and Technology, Vizianagaram during the term 2017-2021.


Internal Guide
Mrs. K. DEEPTHI M.Tech, MBA


Head of the Department
Ms. M. LAKSHMI SRAMIKA M.Tech, (Ph.D)


External Examiner

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AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project report titled "AUTOMATIC FIRE FIGHTING ROBOT" has been carried out by following students.

A. MANIKANTHA	19Q75A0320
CH. HARI	19Q75A0327
G. SIVASAI	18521A0309
D. BALA VAMSI	19525A0313
B. VAMSI	19Q75A0304

Under the guidance of partial fulfilment of requirements for the award of the degree of Bachelor of Technology in **Mechanical Engineering**, Avanthi Institute of Engineering and Technology, Vizianagaram during the term 2018-2022.

Parimala
Internal Guide
Mrs. K.K.R. PARIMALA
M. TECH (Ph. D)

Lakshmi
Head of the Department
M. LAKSHMISRAMIKA
M. TECH (Ph. D)

[Signature]
External Examiner

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AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project report titled "**CONVERSION OF WASTE PLASTICS INTO FUELS**" has been carried out by following students.

L.Pavan Kumar	(19Q75A0313)
K.V.S. Sai	(19Q75A0311)
S.K.Khadar Ali	(19Q75A0317)
CH.Sateesh	(18Q71A0311)
CH.Harsha Vardhan	(18Q71A0312)

Under the guidance of partial fulfillment of requirements for the award of the degree of Bachelor of Technology in **Mechanical engineering**, Avanthi Institute of engineering and technology, Vizianagaram during the term 2018-2022.

Internal Guide

G.RAMU M.Tech, MISTE, (Ph.D)

Head of the department

M. LAKSHMI SRAMIKA M. Tech (PhD)

External Examiner

II

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AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY DEPARTMENT OF MECHANICAL ENGINEERING




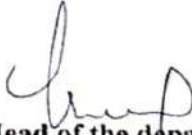
CERTIFICATE


This is to certify that the project report titled "DESALINATION OF SEA WATER USING SOLAR ENERGY" has been carried out by following students.

A.Manikanta Pavan Kumar	19Q75A0326
B.Karthik	19Q75A0325
M.Pavan Kumar	19Q75A0334
T.Upendra	19Q75A0318
D.Anil Kumar	19525A0314

Under the guidance of partial fulfillment of requirements for the award of the degree of Bachelor of Technology in **Mechanical Engineering**, **Avanthi Institute of Engineering and Technology**, Vizianagaram during the term 2018-2022.


Internal Guide
V.PRADEEP KUMAR
(Assc.Professor)


Head of the department
M.LAKSHMI SRAMIKA
M.Tech (PhD)


External Examiner



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M.Tech (CAD/CAM)

Department of Mechanical Engineering

Avanathi Institute of Engineering and Technology

Cherukupally(V),Near Tagarapuvalasa Bridge, Bhogapuram(M), Vizianagaram (Dist).



CERTIFICATE

This is to certify that the project work entitled "DESIGN AND ANALYSIS OF VARIOUS SPRINGS" is a bonafide work done by

Mr. B.LEELA SAI KUMAR (Regd. No: 19Q71D0414)

During 2019-2021 in partial fulfillment of the requirements for the award of degree of **Master of Technology** in Mechanical Engineering, with specialization **CAD/CAM** submitted to the Department of Mechanical Engineering, Avanathi Institute of Engineering and Technology

M.LAKSHMI SRAMIKA M.Tech, (Ph.D)
Associate Professor

S.K.HIDAYATULLA SHARIEF M. Tech,Ph.D
Associate Professor

EXTERNAL EXAMINER



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**DESIGN OF AN EMERGENCY 3D PRINTED ELECTRO -
MECHANICAL VENTILATOR WITH BAG - VALVE - MASK (BVM)**

*A thesis submitted in partial fulfillment of the requirement for
the Award for the Degree of*

MASTER OF TECHNOLOGY

In

MECHANICAL ENGINEERING

(CAD/CAM)

By

J.RAJESH

(19Q71D0407)

Under the esteemed guidance of

M. LAKSHMI SRAMIKA [Ph.D.]



Estd. 2005

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DEPARTMENT OF MECHANICAL ENGINEERING

List of Workshop conducted

SL.NO	WORKSHOP	ORGANISATION	YEAR	FACULTY COORDINATOR
1	Refrigeration & air conditioning	National engineers- Visakhapatnam	III	Sk.H.Sharief & G.Ramu

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Photos of Workshop

The poster is for a three-day workshop on refrigeration and air conditioning systems. It features the Avanthi Institute of Engineering and Technology logo at the top left and the ISTE logo at the top right. The text on the poster includes: "AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, Accredited by NAAC, Govt. of A.P., Permanently Affiliated to JNTUK Kakinada)", "Cherukupally Village, Chittivalasa (PO), Bhogapuram Mandal, Vizianagaram Dist-531 162.", "DEPARTMENT OF MECHANICAL ENGINEERING IN ASSOCIATION WITH NATIONAL ENGINEERING VISAKAPATNAM", "A THREE DAY WORKSHOP ON HANDS ON EXPERIENCE IN MAINTENANCE AND TROUBLESHOOTING OF REFRIGERATION AND AIR CONDITIONING SYSTEMS", and "APRIL 29th, 30th & MAY 02nd 2022". The background of the poster shows images of refrigeration units and a scroll diagram.

The photo shows a workshop introduction session. A man in a light blue shirt is standing at the front of a classroom, addressing a group of students seated at desks. A large screen at the front displays a presentation. A GPS Map Camera overlay is visible in the bottom right corner of the photo. A Google Maps location pin is overlaid in the bottom left corner, with the following text: "Vishakhapatnam, Andhra Pradesh, India", "WCVF+62C, Avanthi College Rd, Andhra Pradesh", "531162, India", "Lat 17.943082°", "Long 83.422565°", and "29/04/22 03:18 PM".

Introduction about Workshop

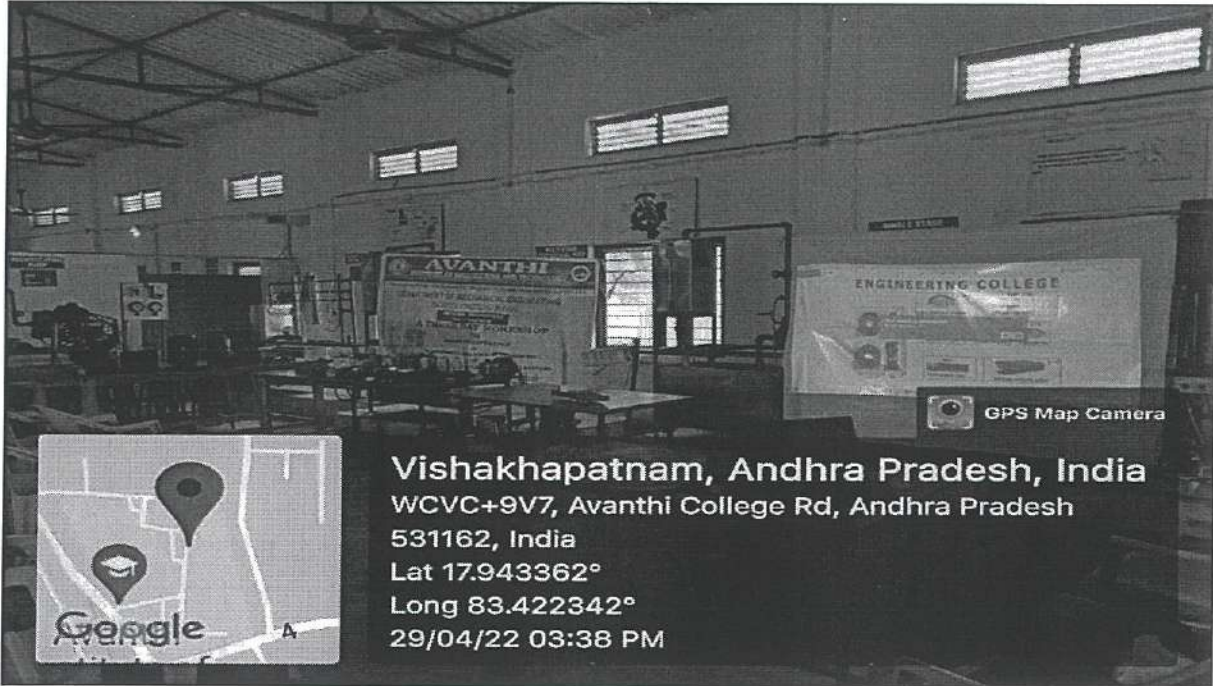
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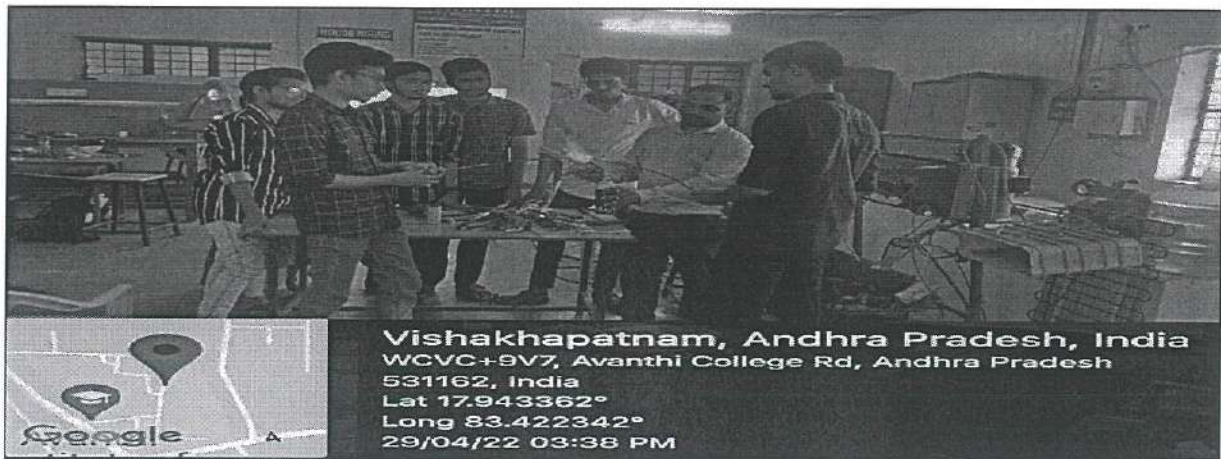
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Introduction about R&AC



Hands on Experience

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DEPARTMENT OF MECHANICAL ENGINEERING

GUEST LECTURES

ACADEMIC YEAR-2021-2022

SI. NO	FACULTY NAME/ DESIGNATION	COLLEGE	SUBJECT NAME	TOPIC	FACULTY COORDINATOR
1	Ch.Anil kumar Asst. Professor	Gitam University- Visakhapatnam	Finite Element Method	Isoparametric elements, beams and dynamic analysis.	V.Saran Tej
2	Dr.s. Jai kumar Asst. Professor	Gitam University- Visakhapatnam	Heat Transfer	Boiling and condensation, Radiation	Sk.H.Sharief
3	Dr.s. Jai kumar Asst. Professor	Gitam University- Visakhapatnam	R&AC	Bellcolumn cycle, VCR System.	P.Anil Kumar
4	Dr.k.Tulasi Balaram padala Professor	Andhra University College of Engineering- Visakhapatnam	Dynamic of Machinery	Static and dynamic force analysis, precession, vibrations.	K.Deepthi
5	Dr.B.Sateesh Asst. Professor	Vignans Institu te of Information Technology Visakhapatnam	Mechanics of Solids	Deflection of beams	V.Pradeep Kumar
6	Dr.K.Srinivas Asst. Professor	Anil Neerukonda Institute of Technology and Sciences, Visakhapatnam	Kinematic of Machines	Mechanisms, lower pair mechanism,cams, gears	Dr.A.M.V.Pr aveen
7	Dr.Rudhra abhiraman Asst. Professor	Vignans Institu te of Information Technology Visakhapatnam	Thermal Engineering	Combustion in S.I engines, combustion in C.I.engines	K.Sarika

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Sample Copies of Guest Lectures



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FEM-IV-I

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DOM-II-I



DOM-II-I

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Visakhapatnam, Andhra Pradesh, India



Longitude Latitude
83.4218° E 17.9422° N

Thursday, 10, Feb, 2022 10:20 AM

HEAT TRANSFER-III-II



Visakhapatnam, Andhra Pradesh, India



Longitude Latitude
83.4218° E 17.9422° N

Thursday, 10, Feb, 2022

38° C

10:20 AM

HEAT TRANSFER-III-II

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Training program

ACADEMIC YEAR-2021-2022

BATCH-1

Si.no	Regd.No.	First Name	Last Name	Domain	Training Center Name
1	19Q75A0353	Erothu	Erothu dillesh	CAD	Andhra University College of Engineering, VSKP
2	19Q75A0386	Vadlamuri	John	CAD	Andhra University College of Engineering, VSKP
3	19Q75A0367	Kadimisetti	Kadimisetti vamsi reddy	CAD	Andhra University College of Engineering, VSKP
4	19Q75A0341	Terli	Dileep kumar	CAD	Andhra University College of Engineering, VSKP
5	19Q75A0332	Kasimkota	Upendra	CAD	Andhra University College of Engineering, VSKP
6	18Q71A0317	Dhoni	Raju	CAD	Andhra University College of Engineering, VSKP
7	19Q75A03A1	Pilaka	Veeru jagadeesh reddy	CAD	Andhra University College of Engineering, VSKP
8	19Q75A0319	Ampolu	Govind raju	CAD	Andhra University College of Engineering, VSKP
9	19Q75A0363	Indugubilli	Joshuva kumar	CAD	Andhra University College of Engineering, VSKP
10	19Q75A0378	Mylapilli	Polaraju	CAD	Andhra University College of Engineering, VSKP
11	19Q75A0345	Dakoju	Chandra sekhar	CAD	Andhra University College of Engineering, VSKP
12	19Q75A0370	Kommanapalli	Ramakrishna	CAD	Andhra University College of Engineering, VSKP

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13	19Q75A0385	Talabattula	Achyuth	CAD	Andhra University College of Engineering, VSKP
14	18521A0312	Nalla	Chinnarao	CAD	Andhra University College of Engineering, VSKP
15	19Q75A0342	Chekuri	Sridhar sai kumar varma	CAD	Andhra University College of Engineering, VSKP
16	18521A0317	Seerapu	Seerapu sankara rao	CAD	Andhra University College of Engineering, VSKP
17	19Q75A0340	Suriseti	Jagadish	CAD	Andhra University College of Engineering, VSKP
18	19Q75A0388	Vempada	Anil kumar	CAD	Andhra University College of Engineering, VSKP
19	19Q75A0399	Pakki	Saiteja	CAD	Andhra University College of Engineering, VSKP
20	19Q75A0374	Koyya	Krishnababu	CAD	Andhra University College of Engineering, VSKP
21	19Q75A0326	Ambati	Manikanta pavan kumar	CAD	Andhra University College of Engineering, VSKP
22	19Q75A0333	Katta	Chandra rao	CAD	Andhra University College of Engineering, VSKP
23	19Q75A0366	Kadavala	Kadavala yaswanth pavan	CAD	Andhra University College of Engineering, VSKP
24	19Q75A0392	Devini	Dhanunjay raj	CAD	Andhra University College of Engineering, VSKP
25	19Q75A0387	Vasanth	Teja	CAD	Andhra University College of Engineering, VSKP
26	19Q75A0349	Dommeti	Koti surya sai teja	CAD	Andhra University College of Engineering, VSKP

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BATCH-2

Si.no	Regd.No.	First Name	Last Name	Domain	Training Center Name
1	18Q71A0329	Koda	Ajay	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
2	18521A0301	Barla	Balaji	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
3	19Q75A0389	Vurukuti	Bhanu	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
4	19Q75A0354	Narsupalli	Bhavani shankar	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
5	19Q75A0393	Koppaka	Dinesh nandan	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
6	19Q75A0365	Jetti	Gowtham venkatsai	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
7	19Q75A0327	Chukka	Hari	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
8	19Q75A0325	Botsa	Karthik	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
9	19Q75A0317	Shaik	Khadhar ali	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
10	19Q75A0315	Sakala	Kirankumar	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
11	19Q75A0395	Ravibabu	Manohar	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
12	19Q75A0313	Laveti	Pavan kumar	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
13	18Q71A0336	Mugi	Ramakrishna	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
14	19525A0328	Kilari	Ramana	Manufacturing	Andhra University College of Engineering, VSKP



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15	19Q75A0337	Nammi	Sai	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
16	19Q75A0372	Kopanathi	Sai krishna	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
17	19Q75A0381	Pandiri	Saikumar	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
18	19Q75A0343	Velampudi	Venkata sai krishna	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
19	19Q75A0311	Kankati	Venkati satish sai	Manufacturing (CNC)	Andhra University College of Engineering, VSKP
20	19Q75A0390	Behara	Yaswanth phani kumar	Manufacturing (CNC)	Andhra University College of Engineering, VSKP

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General Manager (Technical),
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Sri N. Bangara Raju
Managing Director,
APSSDC

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..... Andhra University College of Engineering.....
from 25-10-21..... to 30-10-21.....



Smt. Bharathi.H
General Manager (Technical),
APSSDC



Sri N. Bangara Raju
Managing Director,
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Student of Avanthi Institute of Engineering and Technology.....
has successfully completed the course in Robcad-Basics.....
conducted at APSSDC SIEMENS Center of Excellence (CoE)
..... Andhra University College of Engineering.....
from 04-10-21..... to 08-10-21.....



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General Manager (Technical),
APSSDC



Sri N. Bangara Raju
Managing Director,
APSSDC




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Student of Avanathi Institute of Engineering and Technology
has successfully completed the course in Essentials for NX Designers
conducted at APSSDC SIEMENS Center of Excellence (CoE)
..... Andhra University College of Engineering
from 25-10-21 to 30-10-21




Smt. Bharathi.H
General Manager (Technical),
APSSDC



Sri N. Bangara Raju
Managing Director,
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APSSDC



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VIRTUAL LABS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BASIC ELECTRONICS LAB

ACADEMIC YEAR: 2021-2022

YEAR-III/I

DATE:- 25-10-2021

LINK:- <https://be-iitkgp.vlabs.ac.in/>

Screen shot-1

The screenshot shows the 'Virtual Labs' interface for the 'VI Characteristics of a Diode' experiment. The page title is 'VI Characteristics of a Diode'. Below the title, there are navigation tabs: THEORY, PROCEDURE, SIMULATION, QUIZ, ASSIGNMENT, and REFERENCES. The 'Theory' section is selected, showing 'Objectives' for the experiment. The objectives listed are:

1. Explain the structure of a P-N junction diode
2. Explain the function of a P-N junction diode
3. Explain forward and reverse biased characteristics of a Silicon diode
4. Explain forward and reverse biased characteristics of a Germanium diode

Basic electronics lab-An Initiative of Ministry of Education Under the National Mission on Education through ICT-IIT KHARAGPUR

Screen shot-2

The screenshot shows the 'Virtual Labs' simulation interface for the 'Forward Bias Silicon Diode' experiment. The page title is 'Forward Bias Silicon Diode'. Below the title, there are two main panels: 'INSTRUCTION' and 'CONTROLS'. The 'INSTRUCTION' panel contains a list of 10 steps for the experiment. The 'CONTROLS' panel allows selecting the diode (1N4004), setting DC voltage, and resistance. A circuit diagram is shown in the center, featuring a battery, a resistor, and a diode. A voltmeter is connected in parallel across the diode, and an ammeter is in series with the diode.

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ANALOG COMMUNICATIONS LAB

ACADEMIC YEAR : 2021-2022

YEAR-III/I

DATE:-08-11-2021

LINK:-

<https://kcgcollege.ac.in/Virtual-Lab/Electronics-and-Communication-Engineering/index.html>

Screen shot-1

Analog communications lab- An Initiative of Ministry of Education Under the National Mission on Education through ICT-IIT KHARAGPUR

Screen shot-2

Analog communications lab- An Initiative of Ministry of Education Under the National Mission on Education through ICT-IIT KHARAGPUR

HOD-ECE

Head of the Department
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Avanthi Institute of Engineering and Technology



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic year: 2021-2022

Year/Sem: IV/II

PROJECTS AND THEIR TITLES

S.NO	ROLL NO	NAME OF THE STUDENT	TITLE	GUIDE NAME
BATCH-1				
1	18Q71A0417	Kalagarla Nagasri	Design Of A Power Optimal Reversible Fir Filter For Speech Signal Processing	Mr V S Bhaskar Rao
2	18Q71A0420	Ladi Navya		
3	18Q71A0422	Muddada Dharma Rao		
4	18Q71A0441	Yarabolu Banu Prasad		
BATCH-2				
5	18Q71A0405	Chinta Jayasree	Design And Study Of A Low Power High Speed Full Adder Using Gdi Mux	Mr D Rahul
6	18Q71A0421	Logisa Kiran		
7	19Q75A0409	Matta Yamini		
8	18Q71A0444	Gogu Mounika		
BATCH-3				
9	19Q75A0405	Giduthuri Sharmila	Smart Energy Meter Using Aurdino And Gsm Module	Mrs S S Bhavani
10	18Q71A0406	Chukka Sekhar		
11	18Q71A0424	Namballa Sai Priyanka		
12	19Q75A0402	Bheemarasetty Tagore Ganesh		
BATCH-4				
13	18Q71A0415	Ippili Sri Sahithi	Low Power And Area Efficient Shift Register Using Pulsed Latches	Mr K Avinash Kumar
14	18Q71A0413	Gudivada Bhargavi		
15	18Q71A0427	Penta Priya		
16	19Q75A0408	M Madhu Venkata M Rao		
BATCH-5				
17	18Q71A0410	Ganta Vedavathi	Patient Health Monitoring Using Iot	Mr K Suribabu
18	18Q71A0423	Mugidi Sriramnaidu		
19	19Q75A0403	Bojja Bhavani Venkatalakshmi		
20	18Q71A0429	Punnam Lakshmi Venkateswara		



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BATCH-6				
21	18Q71A0418	Kola Sainikhil	Wireless Wheel Chair Direction Control With Hand Gesture Recognition Using Mems Accelerometer	Mrs K Syamala
22	18Q71A0433	Reddi Gayitri		
23	19Q75A0410	Molleti Dheeraj		
24	19Q75A0407	Kodidasu Teja		
BATCH-7				
25	19Q75A0411	Vantakula Divya Sai	Home Automation And Security Systems	Mr P Santosh Kumar
26	18Q71A0407	Durgasi Pujitha		
27	18Q71A0435	Sirla Ranjitha		
28	18Q71A0428	Pudi Nikhil Kumar		
BATCH-8				
29	19Q75A0401	Adapaka Siri Chandana	Vehicle Tracker And Accident Identification	Ms J Sujatha
30	18Q71A0414	Gullipalli Jasmine Latha		
31	18Q71A0402	Badam Chaitanya Mouli		
32	18Q71A0403	Bantupalli Vivek		
BATCH-9				
33	18Q71A0401	Bantu Venkatesh	Cell Phone Tower Base Station Safety And Security System	Ms B Pravallika
34	18Q71A0412	Golukonda Sathish		
35	18Q71A0430	Rekapalli G N V Shandhil		
36	19Q75A0406	Kaithi Teja Shanmukh Durga		
BATCH-10				
37	18Q71A0408	Erothi Swetha	Design Of High Speed Modified Wallace Tree Approximate Multiplier	Mr K Avinash Kumar
38	18Q71A0409	Eti Navya Sree		
39	18Q71A0416	Jogi Abhiram		
40	18Q71A0404	Bonila Ramya Sree		
BATCH-11				
41	18Q71A0411	Gembali Sarayu	Obstacle Avoiding Robot	Mr P Santosh Kumar
42	18Q71A0440	Yanumula Tharun Reddy		
43	18Q71A0425	Nammi Aravind		
44	19Q75A0404	B V Varaha Naga Bhumika		
BATCH-12				
45	18Q71A0446	B Kusuma Latha	Agriculture Field Motor Control System Using Gsm	Mr M Shalem Raju
46	18Q71A0437	Turpati Sai Rekha		
47	18Q71A0439	Velagala Mounika		
48	18Q71A0438	Valurouthu Narendra Babu		



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2018-2022



BONAFIED CERTIFICATE

This is to certify that project work entitled "OBSTACLE AVOIDING ROBOT" by under my guidance in partial fulfillment of requirements for the award of the Degree of Bachelor of Technology in Electronics and Communication Engineering from AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY during 2018-2022.


Project Guide

Mr.P.santosh Kumar,M.Tech

Assistant Professor,

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Head of the Department

V.SivaBhaskarRao,M.Tech(Ph.D)

Associate Professor,

Dept. of E.C.E


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LOW POWER AND AREA EFFICIENT SHIFT REGISTER USING PULSED LATCHES

A Project report submitted in the partial fulfillment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

SUBMITTED BY

LSRI SAHITHI (18Q71A0415)

G.BHARGAVI (18Q71A0413)

P.PRIYA (18Q71A0427)

M.MADHU (19Q75A0408)

Under the guidance of

Mr.K.AVINASH KUMAR , M.Tech(Ph.D)

ASSISTANT PROFESSOR



**DEPARTMENT OF ELECTRONICS&COMMUNICATION ENGINEERING
AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

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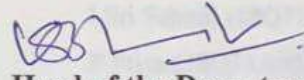
2018-2022



BONAFIED CERTIFICATE

This is to certify that project work entitled "LOW POWER AND AREA EFFICIENT SHIFT REGISTER USING PULSED LATCHES" by I. Sri Sahithi (18Q71A0415), P. Priya (18Q71A0427), G. Bhargavi (18Q71A0413), M. Madhu (19Q75A0408) under my guidance in partial fulfillment of requirements for the award of the Degree of Bachelor of Technology in Electronics and Communication Engineering from AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY during 2018-2022.


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DESIGN & STUDY OF A LOW POWER HIGH SPEED FULL ADDER USING GDI MULTIPLEXER

*A Project report submitted in the partial fulfillment of the requirements
for the award of the degree of*

**BACHELOR OF TECHNOLOGY
IN
ELECTRONICS AND COMMUNICATION ENGINEERING**

SUBMITTED BY

CH.JAYASREE(18Q71A0405)

L.KIRAN(18Q71A0421)

M.YAMINI(19Q75A0409)

G.MOUNIKA(18Q71A0444)

Under the guidance of

Mr.D.RAHUL ,M.Tech

Assistant professor



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2018-2022



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2018-2022



BONAFIED CERTIFICATE


This is to certify that project work entitled by " DESIGN & STUDY OF A LOW POWER HIGH SPEED FULL ADDER USING GDI MULTIPLEXER" by CH.Jayasree(18Q71A0405), L.Kiran(18Q71A0421), M.Yamini(19Q75A0409), G.Mounika(18Q71A0444) under the guidance in partial fulfillment of requirements for the award of the Degree of Bachelor of Technology in Electronics and Communication Engineering from AVANTHI OF ENGINEERING AND TECHNOLOGY during 2018-2022.


PROJECT GUIDE

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Virtual Labs

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Cryptography Lab

Academic Year : 2021-2022

Year-II/II

Date:- 27-10-2021

Screen shot-1

Link : <https://cse29-iiith.vlabs.ac.in/>

Cryptography Lab-An Initiative of Ministry of Education Under the National Mission on Education through ICT – IIIT Hyderabad

Screenshot-2

Link : <https://cse29-iiith.vlabs.ac.in/>

Cryptography Lab-An Initiative of Ministry of Education Under the National Mission on Education through ICT – IIIT Hyderabad



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COMPUTER ORGANISATION LAB

Academic Year : 2021-2022

Year-II/I

Date:- 9-11-2021

Screen shot-1

Link : <https://cse11-iiith.vlabs.ac.in/>

Computer Science and Engineering

Introduction
Objective
List of experiments
Target Audience
Course Alignment
Feedback

Computer Organisation

1. Representation of Integers and their Arithmetic
2. Representation of Floating Point Numbers and their Arithmetic
3. Virtual Memory
4. MIPS Assembly Language Programming - 1
5. ARM Assembly Language Programming - 1
6. ARM Assembly Language Programming - 2
7. Single Cycle MIPS CPU

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Screen shot-2

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Computer Science and Engineering > Computer Organisation > Experiments

Aim
Theory
Objective
Procedure
Simulation
References
Feedback

Single Cycle

There are multiple approaches for CPU design.

1. Single Cycle
2. Multiple Cycle
3. Pipelined

In this lab we shall understand the Single Cycle CPU design for a subset of instructions from the MIPS ISA.

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DATA STRUCTURES LAB

Academic Year: 2021-2022

Year-I/II

Date:- 27-10-2021

Screen shot-1

Link : <https://cse01-iiith.vlabs.ac.in/>

Bubble Sort

Estimated Time
1 hour

Learning Objectives of the Experiment
In this experiment, we will be able to do the following:

- Given an unsorted array of numbers, generate a sorted array of numbers by applying Bubble Sort.
- Optimise the Bubble Sort algorithm to achieve better performance.
- Demonstrate knowledge of time complexity of Bubble Sort by counting the number of operations involved in each iteration.
- Compare Bubble Sort with other sorting algorithms and realise Bubble Sort as a stable comparison sorting algorithm.

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Screen shot-2

Link : <https://cse01-iiith.vlabs.ac.in/>

Heap Sort

Theory of Extract Min Operation
The root that is the top most node is removed and the last element is moved in its place as the new root. Last element in the binary tree is moved as the new root and the root is placed in a sorted array.

Pictorial Representation of Extract Min Operation

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic year: 2021-2022

Year/Sem: IV/II

PROJECTS AND TITLES

Sno	Batch	Student Name	Project Title	Guide name
1	18Q71A0534	K.Kiranmayi	Credit Card fraud detection	Dr.A.Chandra Sekhar
	19Q75A0504	S.Ramya		
	18Q71A0593	T.Sowmya		
	18Q71A0540	K.Suresh		
2	18Q71A0569	P.Priyanka	Placement Information System	Mr.P.Dinesh Chandra
	18Q71A0568	P.Shivaji		
	18Q71A0553	N.Sai Kiran		
	18Q71A0507	B.Swaroop		
	18Q71A0591	S.Gayatri		
3	18521A0505	B.Neeraja	To detection swift routing model to identify malicious nodes in IoT	Mrs.P.Srilakshmi
	18Q71A05A4	Y.Yejeswari		
	19Q75A0502	K.Sneha Priya		
	18Q71A0546	N.Jai Kishore		
4	18Q71A0582	R. Gayatri	Maximum Solar Power point prediction using Machine Learning	Mr.V.Murali Krishna
	18Q71A0577	P. V. Shanmukh		
	18Q71A0518	G. Manoj		
	18521A0516	K. Shyam		
5	18521A0527	Vaibhavi Soni	Attendance management system using face recognition	Mr.S.Kesava Rao
	18Q71A05A1	V.Keerthana		
	18521A0528	V.Prathyusha		
	18Q71A0525	G.Mahesh		
6	18Q71A0551	S.Ramya Sree	Deta-x detecting Covid-19 using X rays	Mr.K.Mehar Prasad
	18Q71A0576	Priyanka Singh		
	18521A0519	K.Jaswitha		
	18Q71A0549	R.Oliver Sam		
	17Q71A0513	B.Sri Nandhini		
7	18Q71A0565	N.V.Sushanth	Predictive analysis of chronic kidney disease using Machine Learning	Mrs.K.S.Rupa
	18Q71A0503	A,Rishitha		
	18Q71A0520	G.Sai Tarun		
	18Q71A0501	Abjith Nayak		



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8	18Q71A0508	B.Sravani	Missing child identification system	Mrs.A.Swathi
	18Q71A0513	B.Navya Sri		
	18Q71A0510	B.Sowmya		
	18Q71A0517	N.Deepika		
	18Q71A0537	K.Hyma Bhavani		
9	18Q71A0516	D.Lohitya	House chartering System	Mr.A.Vasudeva Rao
	18Q71A0579	P.Manoj Kumar		
	18Q71A0504	Victor Harsha		
	18Q71A0514	Ch.Venkat Sai		
	18Q71A0511	B.Sai Govind		
10	18Q71A0574	P.Sai Krishna	Text summary generation based on semantic similarity	Mr.H.Deva Raju
	18Q71A0522	G.Anusha		
	18Q71A0509	B.Neeraja		
	18Q71A0536	K.Anusha		
	18Q71A0588	S.Sasi Kumar		
11	18Q71A0523	Giridhar Patro	Fake currency detection using matlab and Python	Mr.J.Lalu Prasad
	18Q71A0584	Roshan		
	18Q71A0555	Y.Venu Madhav		
	18Q71A0531	K.Sai Kumar		
	18Q71A0533	K.Suri Babu		
12	18Q71A0521	G.Ramya	Hand written signature forgery detection	Mrs.P.Mounika
	18Q71A0596	U.Neelima		
	18Q71A0552	S.Jahnvi		
	18Q71A0571	P.Ramarao		
13	18Q71A0586	S.Aishwarya	Indian Sign Language Recognizer	Mrs.Sangeetha Mistra
	18Q71A05A0	U.Manish		
	18Q71A0586	R.S.Vamsi		
	18Q71A0566	P.Nikhil		
	18Q71A0598	V.Mounika		
14	18Q71A0548	P.Sindhu	Object Detection with count	Dr.A.Chandra Sekhar
	18Q71A0542	Tejaswi		
	18Q71A0580	P.Shirisha		
	18Q71A0556	G.Kusuma		
15	18Q71A0572	P.G.Chowdary	Heart Disease Prediction using Machine Learning	Mrs.Sakitha Sri
	18Q71A0586	S.Sai Rakesh		
	18Q71A0530	J.Sravya		
	18Q71A0527	Deekesh		
16	18Q71A0524	G.Saranya	Food for Needy System	Mrs.P.Lavanya
	18Q71A0562	N.Tejaswini		
	18Q71A05A7	Y.Neeraja		
	18Q71A05A3	Y.V.Sri Ram		
17	18Q71A0505	A.Priyanka	Car Resale Price Prediction	Mrs.G.Kanaka Maha Lakshmi
	18Q71A0532	K.Pavitra		
	18Q71A0541	K.Sandhya		
	18Q71A0506	Rajkumar		



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	18Q71A0545	Jaideep		
18	19Q75A0503	P.Rama Raju	3D Survival Game - Using Artificial Intelligence	Ms.S.V.Meena
	19Q75A0506	Y.Rama Rao		
	19Q75A0505	T.Vinay		
	19Q75A0501	J.Vishwanadh		
	17Q71A0542	Tilak		
19	18Q71A0590	S.Shanmukh	College Examination Cell Web Application	Mrs.Ch.Roopaa Devi
	18Q71A0559	M.Chiranjeevi		
	18Q71A0561	N.Upendra		
	18Q71A0592	S.Khaja		
20	18Q71A0557	K.Preetham	Vehicle Parking Management System	Mr.P.Dinesh Chandra
	18Q71A0526	G.Naveen		
	18Q71A0564	N.Srikanth		
21	18Q71A0560	T. Meghana	Real Time Object Detection through voice Assistant	Ms.B.Renuka Sai
	18Q71A0585	Sailaja Khuntia		
	18Q71A0512	T. Bhagya		
	18Q71A0539	K. Vara Prasad		
	18Q71A0554	Yash Sharma		
22	18Q71A0543	K.Mounika	Smart Attendance System	Mrs.P.Sri Lakshmi
	18Q71A0575	P.Ananya		
	18Q71A0544	Lipsa Dora		
	18Q71A0558	Hemalatha		
	18Q71A0570	P.Kalyani		

M.TECH (CSE)

S.No	Roll No	Name Of The Student	Title Of The Project	Project Guide
1	20Q71D5802	B.Satyanarayana	Recognition of Fabricated Online Reviews using Semi-Supervised Learning	Mr. P. Dinesh Chandra
2	20Q71D5803	Ch.Parvateesam	Prediction System Using Soft Voting Classification	Mr. K. Mehar Prasad


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CHERUKUPALLY (V), NEAR TAGARAPUVALASA BRIDGE,
VIZIANAGARAM (DIST) - 531162, ANDHRA PRADESH, INDIA
(2018 - 2022)




ESTD - 2005

CERTIFICATE

This is to certify that the project report entitled "DETAILED
DETECTING COVID-19 USING X-RAY" is being submitted by S.
Ramyaa Sree, Priyanka Singh, Oliver Sam, K. Hithitha, B. Sri Nandan in
partial fulfillment of the academic requirements for the award of the degree
of Bachelor of Technology in Computer Science and Engineering from
AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Affiliated to JNTUK), Tagarapuvalasa, Vizianagaram during the year 2018-
2022.

 Project Guide K. MEHER PRASAD Associative professor Department of CSE, Avanthi Institute of Engg & Tech, JNTU (Kakinada)	 Head of The Department P. DINESH CHANDRA, M.TECH HOD-Associative professor Department of CSE, Avanthi Institute of Engg & Tech, JNTU (Kakinada)
---	--

EXTERNAL EXAMINER: 



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AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY
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VIZIANAGARAM(DIST)- 531162,
ANDHRA PRADESH, INDIA
(2018 - 2022)



ESTD. 2005

Certificate

This is to certify that the project report entitled "MAXIMUM SOLAR POWER POINT PREDICTION USING MACHINE LEARNING" is being submitted by R. Gayatri, P. Shanmukh Krishna, G. Manoj, K. Shyam in partial fulfillment of the academic requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering to AVANTHI, during the year 2018-2022.

P. Lavanya

Project Guide
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Assistant Professor,
Department of CSE.

P. Dinesh Chandra

Head of the Department
Mr. P. Dinesh Chandra, M.Tech.
Associate Professor,
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Dr. D. Rajyalakshmi
EXTERNAL EXAMINER



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Dist-531162, Andhra Pradesh, India.

(2018-2022)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "FOOD FOR NEEDY" being submitted by N. Tejaswini (18Q71A0562), G. Saranya (18Q71A0524), Y. Neeraja (18Q71A05A7), Y. V. Sriram (18Q71A05A3) in partial award of fulfillment for the award of the degree of Bachelor of technology in Computer Science and Engineering to the Avanathi Institute of Engineering and Technology is a record of bonafied work under my guidance and supervision. The results embedded in this project report have not been submitted to any other university or any other Institute for the award of any Degree or Diploma.

Project Guide

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Assistant professor, M.Tech
Department of CSE
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Head of the Department
Dr. P. Dinesh Chandra
Associate Professor
Department of CSE
AIET, INTUK

Dr. D. Rajyalaksh
EXTERNAL EXAMINER



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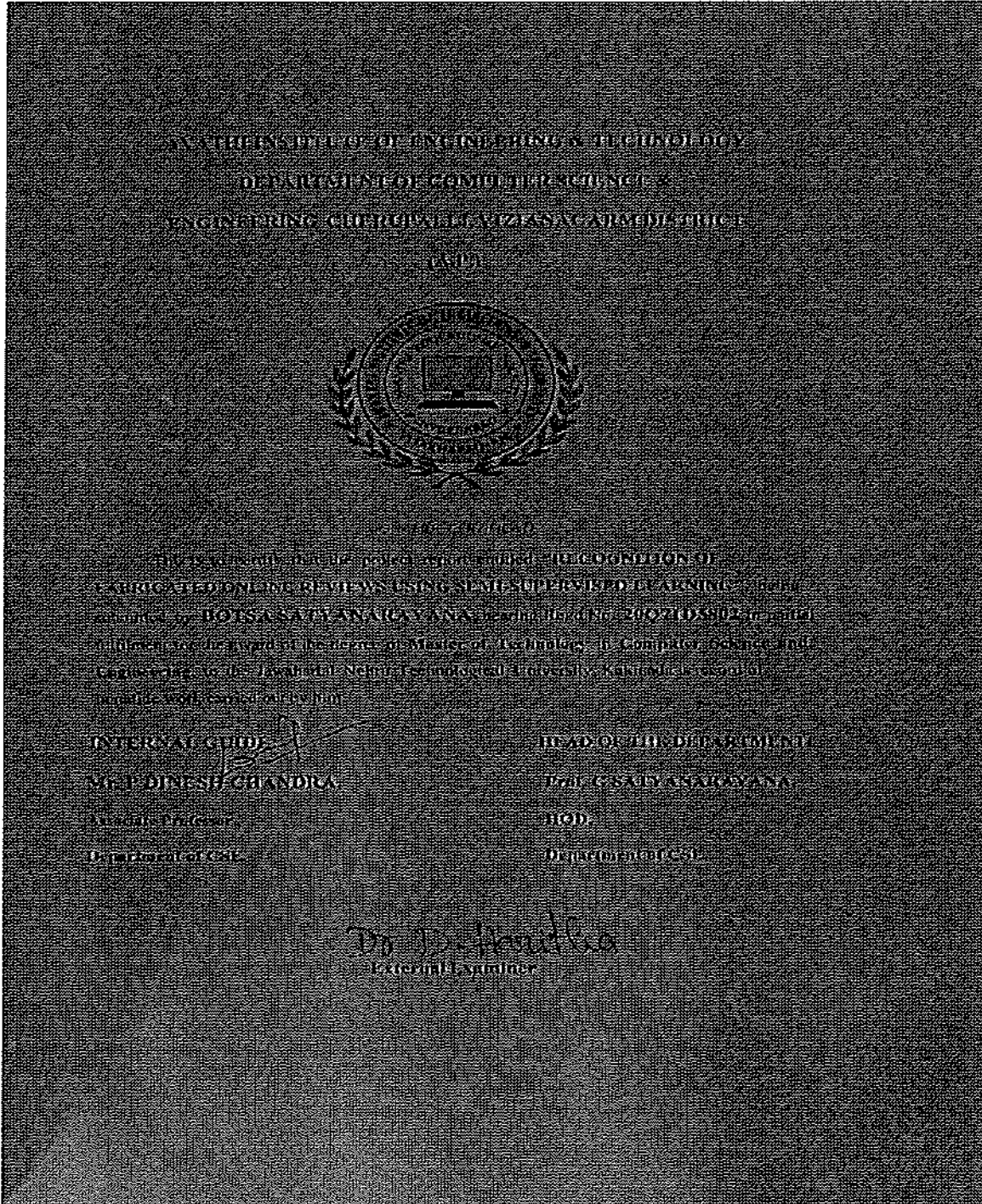
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M.Tech (CSE)



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DEPARTMENT OF COMPUTER SCIENCE &
ENGINEERING, CHERUKUPALLY, VIZIANAGARAM



BY EVALUATING THE RESEARCH PAPER SUBMITTED, THE CONDITION OF
COURSED ONLINE REVIEWS USING STATE-SUBSIDIZED LEARNING SYSTEM
SUBMITTED BY BOJSA SATHYANARAYANA (Roll No: 2007100502) in partial
fulfillment of the award for degree of Master of Technology in Computer Science and
Engineering to the Avanthi National Technological University, Kakinada is hereby
certified and cleared on 05/04/2021

INTERNAL GUIDE
M.P. DINESH CHANDRA
Associate Professor
Department of CSE

HEAD OF THE DEPARTMENT
DR. C. SATHYANARAYANA
HOD
Department of CSE

Dr. V. Venkatesh
External Examiner



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VIRTUAL LABS

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

AC MACHINES LAB

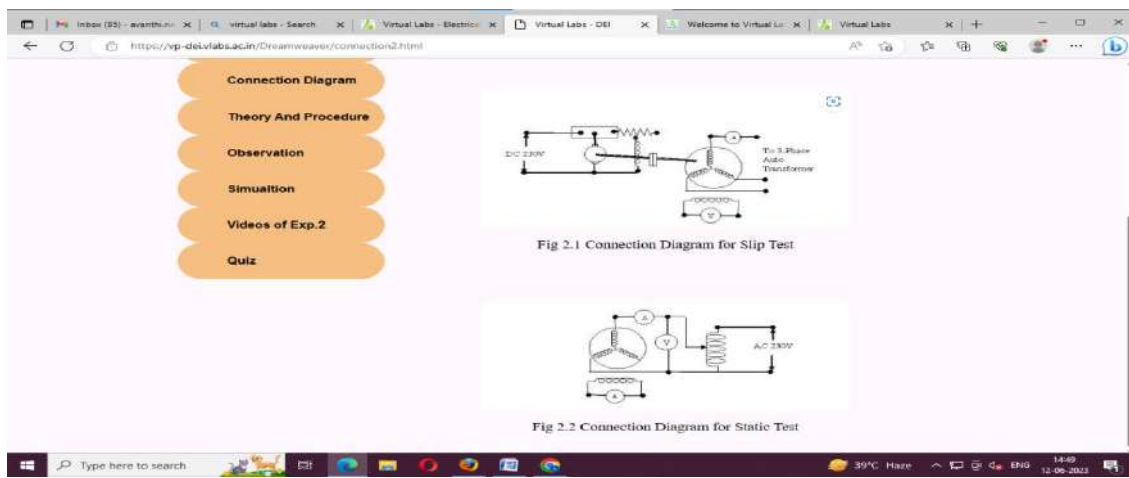
ACADEMIC YEAR: 2021-2022

YEAR-I

DATE:- 27-10-2021

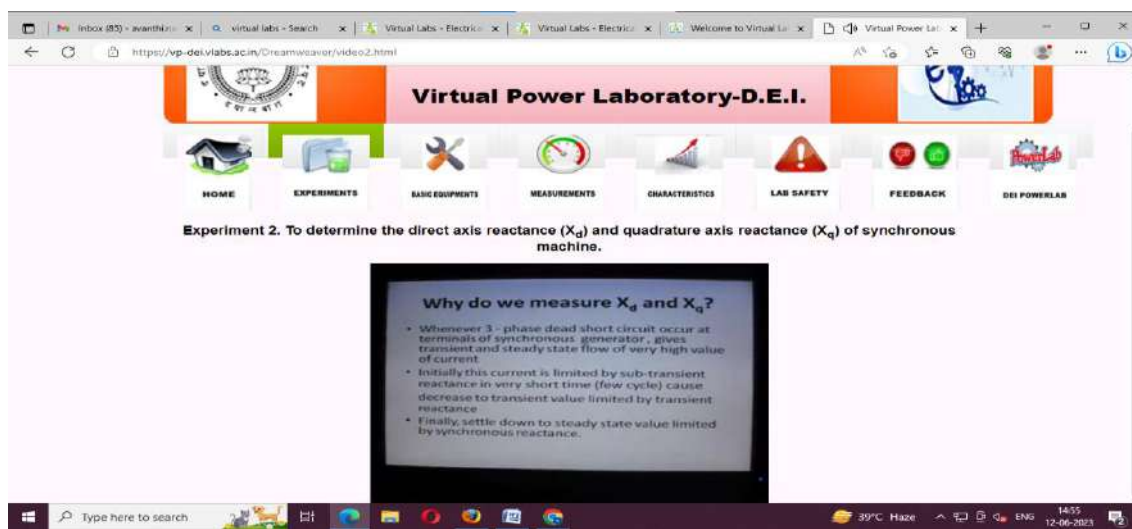
Link: [Virtual Power Lab - Dayalbagh \(vlabs.ac.in\)](http://Virtual Power Lab - Dayalbagh (vlabs.ac.in))

Screenshot-1



AC MACHINES LAB-Dayalbagh Education Institute

Screenshot-2



AC MACHINES LAB-Dayalbagh Education Institute



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DC MACHINES AND TRANSFORMERS LAB

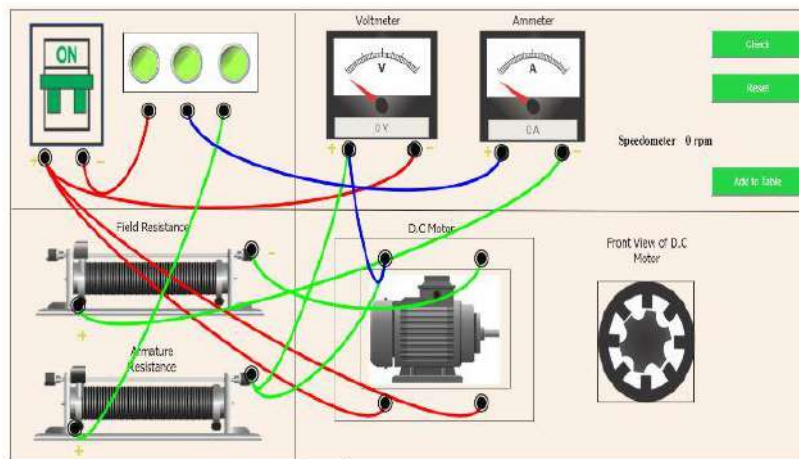
ACADEMIC YEAR: 2021-2022

YEAR-III/I

DATE:- 9-11-2021

Link: [Welcome to Virtual Labs - A MHRD Govt of india Initiative \(vlabs.ac.in\)](http://vlabs.ac.in)

Screen shot-1

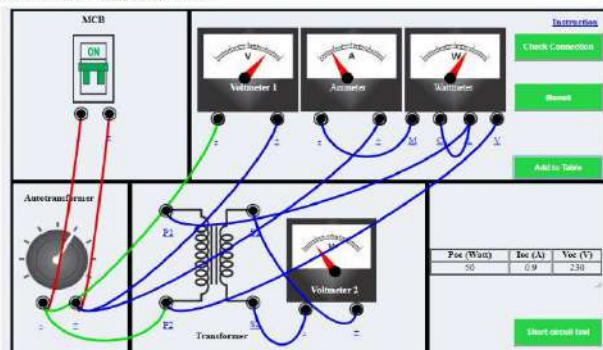


3. If it shows alert "Incorrect Connections" then press reset button and make connection again.
4. If it shows alert "Correct Connections" then Turn On the MCB.

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Screen shot-2

1. Make the proper connection by clicking the node as instructed below. If the wire is misplaced, click the node number to detach the nodes wire.



2. Then click check button to check connection is correct or not.
3. Then click autotransformer to get the change in all meter.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic year: 2021-2022

Year/Sem: IV/II

PROJECTS AND TITLES

S.NO	BATCH NO.	REGD. NO.	NAME OF THE STUDENT	TITLE OF THE PROJECT	NAME OF THE GUIDE
1	BATCH 1	19Q75A0210	G.Naga Prasad	Design And Implemenation Of Electric Scooter	Sri.J.Shiva
2		19Q75A0207	D.Ayyappa		
3		18Q71A0218	P.Ajay		
4		18Q71A0202	B.Pavan Kumar		
5	BATCH 2	19Q75A0201	A Sravani	IOT Based Smart Energy Meter	Sri.V.Sudhakar
6		19Q75A0207	G.Venkatesh		
7		19Q75A0214	I.Venkatesh		
8		18Q71AO220	S.Dilleswara Rao		
9	BATCH 3	18Q71AO210	M.Bhuvana	Solar Grass Cutter	Sri N.Kiran Kumar
10		19Q75A0226	R. Rambabu		
11		19Q75A0203	A.Manogyna Gayatri		
12		19Q75A0228	S.Divakar		
13	BATCH 4	19Q75A0225	P Dheeraj	Optimal Reclosing Time To Improve Transient Stability In Distrubution System	Sri.B.Anandswaroop
14		19Q75A0222	P.Mary Priyanka		
15	BATCH 5	18Q71AO209	K .Sai Dhana Sree	Space Vector Modulation For Matrix Converter	Dr.S.N.V. GANESH
16		19Q75A0217	K.Rahul		
17		19Q75A0215	K.Harish		
18		18Q71AO217	L Pavan Sai Kumar		
19	BATCH 6	18Q71AO213	Md.Anwar	Vertical Axis Wind Turbine	Sri. A.Arjuna Rao
20		18Q71AO211	M.Suresh		
21		19Q75A0212	G.Karthik		
22		19Q75A0206	Ch.Akshith Kumar		
23		18Q71AO215	P.Dileep Kumar		
24	BATCH 7	19Q75A0219	M.Swathi	Power Quality Problems Compensation Using Fuzzy Based Unified Power Quality Conditioner	Sri .D Dhana Prasad
25		18Q71AO203	B.Chethana		
26		18Q71AO204	G.Bhskar Rao		
27		18Q71AO201	A.S.S. Pavan Kumar		
28	BATCH 8	18Q71AO206	G.Harsha	Simulation Comparisons And Implementation Of Induction Generator Wind Power Systems	Sri. U.Venkata Lakshmi
29		18Q71AO205	D.Indrani Kavya Sri		
30		19Q75A0234	V.Sai Surya Prakash		
31		19Q75A0221	P.V.S.S Rama Kanth		
32	BATCH 9	18Q71AO214	M.Lakshman Naidu	Design And Fabrication Of Electric Bicycle	Sri B Anandswaroop
33		17Q71AO202	D.Vamsi Krishna		
34		18Q71AO208	G.Ome Vardhan		



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35		19Q75A0236	N.Harika		
36	BATCH 10	19Q75A0213	G.Vasanta Rao	Ann Based Multimode Poer Converter For Electric Vehiclecharging Station	Sri D Dhana Prasad
37		19Q75A0221	K.Mohan Rao		
38		19Q75A0227	S.Ganesh		
39		19Q75A0223	P.Vishnu Vardhan		
40	BATCH 11	18Q71A0216	P.Sai Priya	Implementation Of Grid Connected Hybrid 9pv/Wind) System Using Simulink	Sri V.Sudhakar
41		19Q75A0216	K.Mnmadha Rao		
42		19Q75A0224	P.Phani Kumar		
43		19Q75A0230	S.Krishna Mohan		
44	BATCH 12	19Q75A0204	B.Prudhvi Deepika	Short Term Load Fore Casting With Using Artificial Neural Networkk	Dr.S.N.V.Ganesh
45		19Q75A0209	G.Pradeep		
46		19Q75A0233	V.Naveen		
47		19Q75A0237	K.Bhanu Prasad		
48	BATCH 13	18Q71A0222	V.Swathi	Solar Tree	Sri.A.Arjuna Rao
49		19Q75A0231	S.Balu		
50		19Q75A0205	B.Chinnamudu		
51		19Q75A0220	O.Jagadesh		
52		19Q75A0202	A.Suresh		

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Project Coordinator

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Head of The Department
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DESIGN AND DEVELOPMENT OF ELECTRIC SCOOTER

A Project report submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted By

G. NAGA PRASAD (19Q75A0210)

D.AYYAPPA (19Q75A0207)

P.AJAY (18Q71A0218)

B.PAVAN KUMAR (18Q71A0202)

Under the guidance of

Mr. J.Shiva, M.Tech

Assistant Professor



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "*DESIGN AND DEVELOPMENT OF ELECTRIC SCOOTER*" has been submitted by the following students of G.NAGAPRASAD (19Q75A0210), D.AYYAPPA (19Q75A0207), P.AJAY (18Q71A0218), B.PAVAN KUMAR (18Q71A0202), as partial fulfillment of requirements for the award of the degree of "BACHELOR OF TECHNOLOGY" in Electrical and Electronics Engineering, AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY during the academic year of 2018-2022.


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Assistant Professor

Dept. of EEE

Head of the Department


Mr. A. ARJUNA RAO, (Ph.D)

Associate Professor

Dept. of EEE


External Examiner



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SOLAR TREE

A Project report submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

V.SWATHI 19071A0222

S.BALI 19075A0231

B.CHINNAMMAJU 19075A0205

G.JAGADISH 19075A0220

A.SURESH 19075A0202

Under the guidance of

Mr. A. ARJUNA RAO (Ph.D.)

Associate professor



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2018-2022



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "*SOLAR TREE*" has been submitted by the following students of V.SWATHI (18Q71A0222), S.BALU (19Q75A0231), B.CHINNAMMADU (19Q75A0205), O.JAGADISH (19Q75A0220), A.SURESH (19Q75A0202) as a partial fulfillment of requirements for the award of degree of "BACHELOR OF TECHNOLOGY" in Electrical and Electronics Engineering, AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY during the academic year of 2018-2022.

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&
Head of the Department

Mr. A. ARJUNA RAO (P.H.D.)

Associate Professor

Dept. of EEE

Dr. Sudheer
External Examiner



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Virtual labs

DEPARTMENT OF CIVIL ENGINEERING

ENVIRONMENTAL ENGINEERING LAB

ACADEMIC YEAR: 2021-2022

YEAR-III/II

DATE: 27-10-2021

Link: <https://ee1-nitk.vlabs.ac.in/exp/determination-of-ts/procedure.html>



Civil Engineering > Environmental Engineering 1 > Experiments

Aim
Theory
Pretest
Procedure
Simulation
Posttest
References
Feedback

Determination of TS, TDS and TSS in Water

These procedure steps will be followed on the simulator

1. When you click on total solids in water file, a new window will open as shown below, click on description text box to view the definitions. Click on the NEXT button at the bottom right corner to move to the next step.

DETERMINATION OF TS, TDS AND TSS IN WATER

Objective:
To determine Total Solids (TS), Total Dissolved Solids (TDS), Total Suspended Solids (TSS), Volatile Suspended Solids and Fixed Suspended Solids in the given water sample.

Apparatus used:
Weighing scale, Petri dish, Ashless filter papers, Membrane filter holder, Crucible, Oven, Vacuum pump, Beaker, Desiccator, Pipette etc.

Description

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Screen shot-1



Civil Engineering > Environmental Engineering 1 > Experiments

Aim

Theory

Pretest

Procedure

Simulation

Posttest

References

Feedback

Determination of Alkalinity in Water

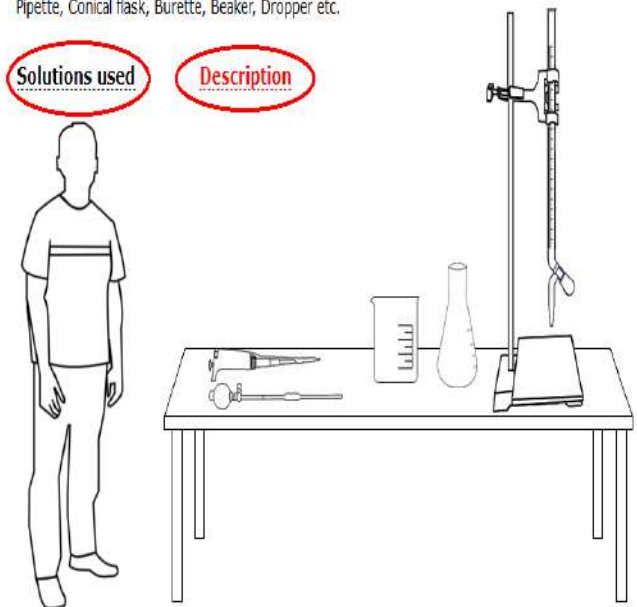

These procedure steps will be followed on the simulator

1. Open the simulation of alkalinity of water and click on the arrow mark shown at the bottom right corner.

DETERMINATION OF ALKALINITY IN WATER

Objective:
To determine acid neutralizing capacity of given water sample.

Apparatus used:
Pipette, Conical flask, Burette, Beaker, Dropper etc.

Solutions used	Description
	

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Surveying Field Work - II

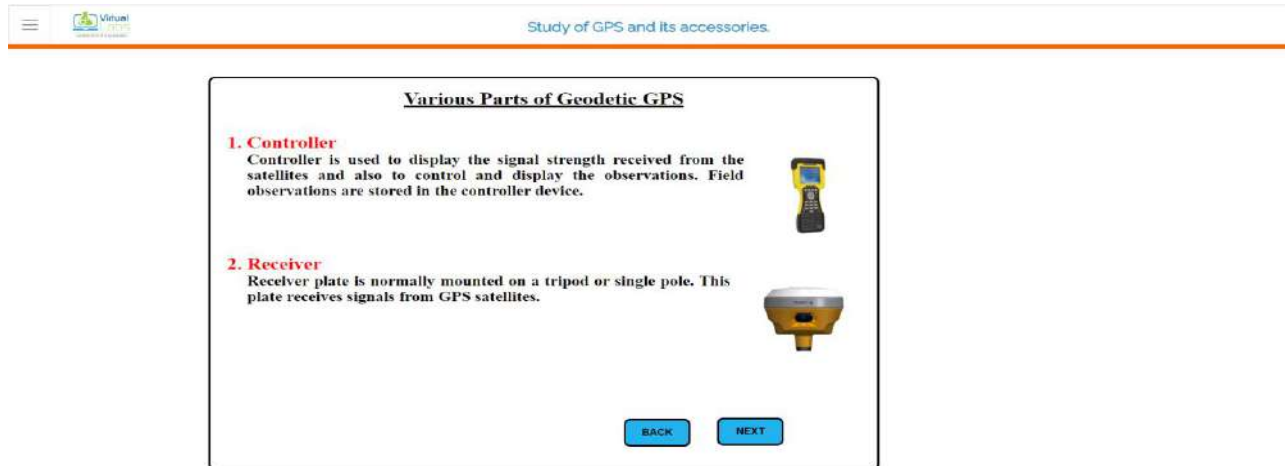
ACADEMIC YEAR: 2021-2022

YEAR-III/I

DATE: - 06-01-2022

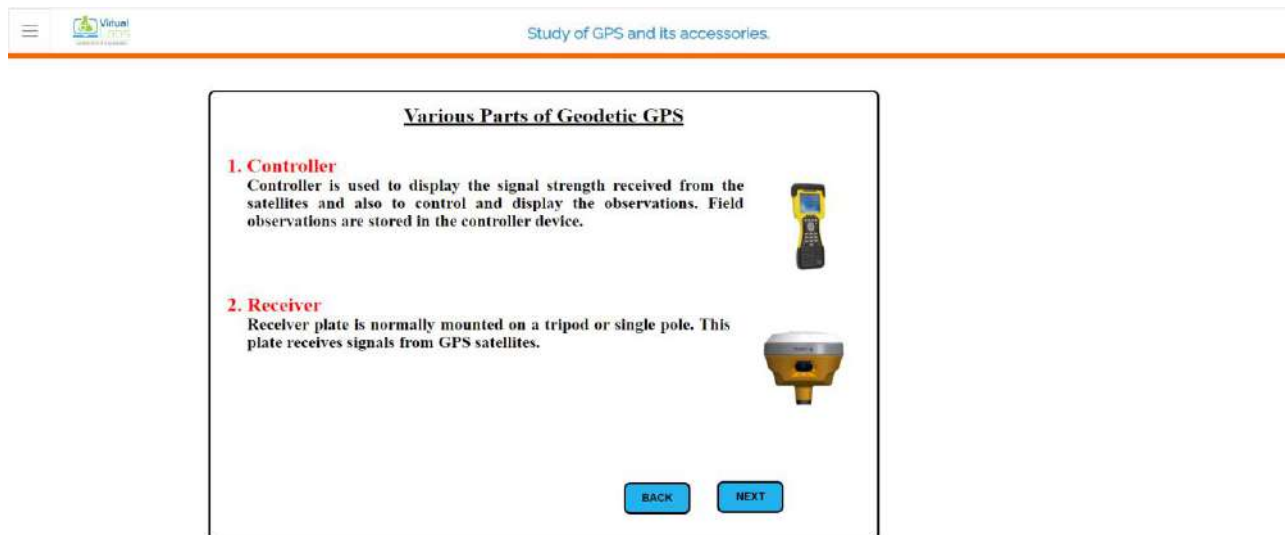
Link: <https://sl-iitr.vlabs.ac.in/exp/exp-profile-levelling-method-iitr/simulation.html>

Screen shot-1



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Screen shot-2



Surveying Lab -An Initiative of Ministry of Education Under the National Mission on Education through ICT – IIT ROORKEE

P. Venkatesh
HOD-CIVIL
Head of the Department
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DEPARTMENT OF CIVIL ENGINEERING

Academic year: 2021-2022

Year/Sem: IV/II

PROJECTS AND TITLES

S.NO	BATCH NO.	REGD. NO.	TITLE OF THE PROJECT	NAME OF THE GUIDE
1	BATCH-1	18Q71A0101	MANUFACTURING AND ANALYSIS OF PITBULL PUMP	B. AVINASH
2		18Q71A0108		
3		18Q71A0109		
4		18Q71A0111		
5		18Q71A0112		
6	BATCH-2	18521A0102	PLANNING, ANALYSIS AND DESIGN OF A G+3 RCC FRAMED STRUCTURE FOR A RESIDENTIAL BUILDING	T. PRASANTHI
7		19525A0103		
8		19525A0109		
9		19525A0112		
10	18521A0102	A STUDY ON WASTE WATER TREATMENT FOR DOMESTIC PURPOSE	R. VENKATESH	
11	19525A0106			
12	19525A0102			
13	19525A0108			
14	19525A0113			
15	18521A0104	SOIL STABILIZATION BY USING GROUND GRANULATED BLAST FURNACE SLAG(GGBS)	R. VENKATESH	
16	18Q71A0110			
17	18Q71A0106			
18	18Q71A0113			
19	19Q75A0113			
20	19Q75A0101	FABRICATION AND STUDY OF COMPOSITE BUILDING MATERIAL FROM CONSTRUCTION AND PLASTIC WASTE	M. SUMATHI	
21	18Q71A0114			
22	19Q75A0117			
23	19Q75A0108			
24	18Q71A0104			
25	19Q75A0118	DESIGN OF SEWAGE LAYOUT FOR DEWARAPALEM VILLAGE	M. SUMATHI	
26	19Q75A0124			
27	19Q75A0106			
28	19Q75A0123			
29	19Q75A0110	STUDY ON STRENGTH PARAMETERS OF M30 GRADE FIBER REINFORCED CONCRETE (FRS) BY THE COMPARISON OF CONVENTIONAL CONCRETE	I. SANTOSH KUMAR	
30	19Q75A0103			
31	19Q75A0125			
32	19Q75A0109			
33	19Q75A0107			
34	19Q75A0121	EFFECTS OF THERMAL CYCLES ON FLEXURAL STRENGTH OF CONCRETE	I. SANTOSH KUMAR	
35	18Q71A0115			
36	19Q75A0114			
37	19Q75A0111			
38	19Q75A0119			
39	19Q75A0120	19Q75A0105		
40	19Q75A0105			



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DEPARTMENT OF CIVIL ENGINEERING

Sample copies of project work

STUDY ON STRENGTH PARAMETERS OF M30 GRADE FIBER REINFORCED CONCRETE (FRC) BY THE COMPARISON OF CONVENTIONAL CONCRETE

*A Thesis Report Submitted in Partial Fulfillment of the requirements for the award of the
degree of*

BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING

Submitted by

Y.ANUSHA (19Q75A0125)
K.PAVAN KUMAR (19Q75A0109)
G.CHANDRA SHEKAR (19Q75A0107)
S.NAGESWARA RAO (19Q75A0121)
T.TEJASWI (18Q71A0115)

Under the Esteemed Guidance of

Mr. I.SANTOSH KUMAR M.Tech

Department of Civil Engineering,



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2018-2022



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EFFECTS OF THERMAL CYCLES ON FLEXURAL STRENGTH OF CONCRETE

A Project report submitted
In partial fulfillment of the requirements for the award of the degree

Of
BACHELOR OF TECHNOLOGY

8

In
CIVIL ENGINEERING

Submitted by
M.BHARATH (19Q75A0114)
R. RAJU (19Q75A0119)
S. RAJU (19Q75A0120)
CH. KASI NAIDU (19Q75A0105)
K. SATHISH (19Q75A0111)

UNDER THE GUIDANCE
Of
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MANUFACTURING AND ANALYSIS OF PITBULL PUMP

*A project report submitted to Jawaharlal Nehru Technological University,
Kakinada in partial fulfillment of the requirement for the award of the
degree of*

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

SUBMITTED BY

B.BISWOJITH	18Q71A0101
B.PRASANTH	18Q71A0112
P.SANTHOSH	18Q71A0111
N.PRASANTH	18Q71A0109
K. SHYAM KUMAR	18Q71A0107

Under the Guidance of

Dr.B.AVINASH BEN Phd.

Professor & HOD



Estd.2005

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A STUDY ON WASTE WATER TREATMENT FOR DOMESTIC PURPOSE

A Project submitted in partial fulfillment of requirements for the award of degree

BACHELOR OF TECHNOLOGY

IN

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BY

K.CHANDRA KISHOR	19525A0106
V.VENKATA MANIKANTA	19525A0113
B. SURYATEJA	19525A0102
L. KRISHINA PRASAD	19525A0108
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Under the Esteemed guidance of
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DESIGN OF SEWAGE LAYOUT FOR DARAPALEM VILLAGE

A project report submitted to Jawaharlal Nehru Technological University,
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of

BACHELOR OF TECHNOLOGY

In

CIVIL ENGINEERING

SUBMITTED BY

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G. NEELIMA	19Q75A0106
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B. SAI GANESH	19Q75A0103

Under the Guidance of

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SOIL STABILIZATION BY USING GROUNDGRANULATED BLAST FURNACE SLAG (GGBS)

*A project report submitted to Jawaharlal Nehru Technological University - Kakinada(JNTUK)in
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N SATISH :18Q71A0110
M ANAND :19Q75A0113
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A RAVINDRA : 19Q75A0101

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FABRICATION AND STUDY OF COMPOSITE BUILDING MATERIAL MADE FROM CONSTRUCTION AND PLASTIC WASTE

*A project report submitted to Jawaharlal Nehru Technological University,
Kakinada in partial fulfillment of the requirement for the award of the
degree of*

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

SUBMITTED BY

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P. JEEVAN KUMAR	19Q75A0118
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A PROJECT REPORT
ON
PLANNING, ANALYSIS AND DESIGN OF A G+3
RCC FRAMED STRUCTURE FOR A
RESIDENTIAL BUILDING
Submitted to "JNTUK" For Fulfillment of Requirements for the
Award of
BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING
BY
GANISETTY MOHAN (19525A0104)
G,YOUNATHAN (18521A0102)
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M.SRIKANTH (19525A0109)
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Mrs.T.PRASANTHI



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Academic projects

DEPARTMENT OF MANAGEMENT STUDIES

Academic year: 2021-2022

Year/Sem: II/I

Projects And Titles

S. No	Regd. No.	Name of the Student	Title of the Project	Name of the Guide
1	20Q71E0003	Achanti Shiva	A Study On Fintech Companies	Mr. T. Srinivas
2	20Q71E0004	Addagarla Ksheerobhi	Brand Awareness	Dr. V. Sai Prasanth
3	20Q71E0005	Addala Santodh Kumar	Impact Of Digital Market On Consumer Buying Behaviour	Mr. S. Sumandatta
4	20Q71E0006	Akkandra Suresh	Present Scenario Of Employee Relations In India	Miss. K. Swetha
5	20Q71E0007	Alubilli Kailash	Hr Policies & Its Implementation	Mrs. K. Ramya Krishna
6	20Q71E0008	Bellana Lavanya	Role Of It In Banking Sector	Mr. T. Srinivas
7	20Q71E0010	Baki Lakshmi	Mutual Funds	Miss. K. Swetha
8	20Q71E0013	Bandi Amruth Gupta	GST	Mrs. K. Ramya Krishna
9	20Q71E0014	Bellana Dadi Babu	Cash Management	Dr. V. Sai Prasanth
10	20Q71E0015	Billakuti Naga Rishita	A Study On Satisfaction Towards E Banking Services Of ICICI Bank	Mr. T. Srinivas
11	20Q71E0016	Boddakayala Vardhan	Training & Development	Mr. S. Sumandatta
12	20Q71E0017	Bogila Sai Sravanthi	Employee Welfare	Mr. S. Sumandatta
13	20Q71E0019	Boda Hari Krishna	Employee Retention	Mrs. K. Ramya Krishna
14	20Q71E0021	Buddala Reshma	Performance Appraisal	Dr. V. Sai Prasanth



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15	20Q71E0022	Busa Sai Ram	Human Resource Information System	Mr. S. Sumandatta
16	20Q71E0024	Darru Krishna Kumari	Bukkish Strategies In Derivative Markets	Mr. T. Srinivas
17	20Q71E0026	Dumpa Akhil	Working Capital Management	Miss. K. Swetha
18	20Q71E0028	Gedela Ganesh	Working Capital Management	Mr. T. Srinivas
19	20Q71E0030	Gorle Bhaskar Rao	Work Life Management	Dr. V. Sai Prasanth
20	20Q71E0032	Idula Mrudani	Capital Budgeting	Mr. S. Sumandatta
21	20Q71E0033	Jagupilli Laxmi Narayana	Analytical Study Of Branding Exercise	Miss. K. Swetha
22	20Q71E0035	Jami Maha Lakshmi	Performance Appraisal	Mrs. K. Ramya Krishna
23	20Q71E0036	K. Sai Durga Prasanna Kumar	Working Capital Management	Dr. V. Sai Prasanth
24	20Q71E0039	Kolusu Rama Krishna	Online Trading	Mr. T. Srinivas
25	20Q71E0040	Konari Balakrishna	Effectiveness Of Welfare Measures Towards Employee	Dr. V. Sai Prasanth
26	20Q71E0044	Kuppala Nirmala Satya Jyothi Neelima	Gst & Its Impact On Oil Sector In India	Mrs. K. Ramya Krishna
27	20Q71E0045	Kuracacha Venkata Prasad	Perception Of Employees With Respect To Statutory & Non Statutory Benefits	Dr. V. Sai Prasanth
28	20Q71E0046	Lakkoji Naveen Kumar	Stress Management	Mr. T. Srinivas
29	20Q71E0050	Majji Sai Kishore	Employee Job Satisfaction	Dr. V. Sai Prasanth
30	20Q71E0053	Metta Sudha	Consumer Perception On Electric Vehicles	Miss. K. Swetha
31	20Q71E0054	Sumathi Misro	Stress Management Of Employees	Mr. T. Srinivas
32	20Q71E0055	Mongam Aparna	Employee Relationship Management	Mrs. K. Ramya Krishna



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33	20Q71E0056	N. Amrutha Varshini	Customer Satisfaction	Mr. S. Sumandatta
34	20Q71E0057	Neranti Naga Teja Reddy	Customer Satisfaction	Miss. K. Swetha
35	20Q71E0059	P. Harshita	Online Consumer Behaviour In Digital Marketing Consulting	Mrs. K. Ramya Krishna
36	20Q71E0061	Palikila Venkat Sai Reddy	Employee Attrition And Turnover	Mr. T. Srinivas
37	20Q71E0062	Panapana Sireesha	Workers Participation In Management	Miss. K. Swetha
38	20Q71E0063	Pedapati Sai Teja	Customer Satisfaction Towards Online Shopping	Mr. S. Sumandatta
39	20Q71E0067	Puruganti Aditya Gangadhar	Future Strategies For Growth In Marketing	Dr. V. Sai Prasanth
40	20Q71E0068	Rajana Bhaskara Rao	Performance Of Mutual Funds (Picked 5 Funds)	Mrs. K. Ramya Krishna
41	20Q71E0069	Rayavarapu Murthi Vara Prasad	Equity Analysis In Banking Sector	Mr. S. Sumandatta
42	20Q71E0070	Reddy Sai Lakshmi	Gold As An Investible Commodity	Miss. K. Swetha
43	20Q71E0071	Reesu Poojitha	Employee Retention In Private Sector	Mrs. K. Ramya Krishna
44	20Q71E0072	Rongali Jyothi	Employee Satisfaction	Dr. V. Sai Prasanth
45	20Q71E0073	Sunkara Ganesh	Employee Welfare	Dr. V. Sai Prasanth
46	20Q71E0074	Sadena Sandhya Rani	Futures And Options Markets In India	Mr. T. Srinivas
47	20Q71E0075	Samalapuram Sruthi	Employee Motivation And Satisfaction	Mr. S. Sumandatta
48	20Q71E0076	Sampathi Rao Revathi	Recruitment And Selection	Miss. K. Swetha
49	20Q71E0078	Seela Venkata Lakshmi	Bullish Strategies In Derivatives Markets	Dr. V. Sai Prasanth
50	20Q71E0079	Shaik Gouse Jani	Performance Mangement System	Mr. T. Srinivas
51	20Q71E0081	Sripathi Gowthami	Role Of Hr In It Sector	Mr. S. Sumandatta



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52	20Q71E0083	Thotapalli Jyothsna	Incentive Schemes	Mrs. K. Ramya Krishna
53	20Q71E0086	Vadlamudi Sai Krishna	Mutual Funds In India	Dr. V. Sai Prasanth
54	20Q71E0087	Yandra Satish	Consumer Behavior Towards Samsung	Mr. S. Sumandatta
55	20Q71E0088	Kilari Mounika	Employee Engagement Policies	Dr. V. Sai Prasanth
56	20Q71E0090	Menti Aditya	Employee Engagement	Mrs. K. Ramya Krishna
57	20Q71E0091	Burada Pavan Kumar	Mutual Funds In Public And Private Sector	Miss. K. Swetha
58	20Q71E0094	Nagabhushan Reddy	Social Media Marketing	Mr. T. Srinivas

D. Sai Prasanth
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Head of the Department
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Bhogapuram (M), Vizianagaram (D)-531162

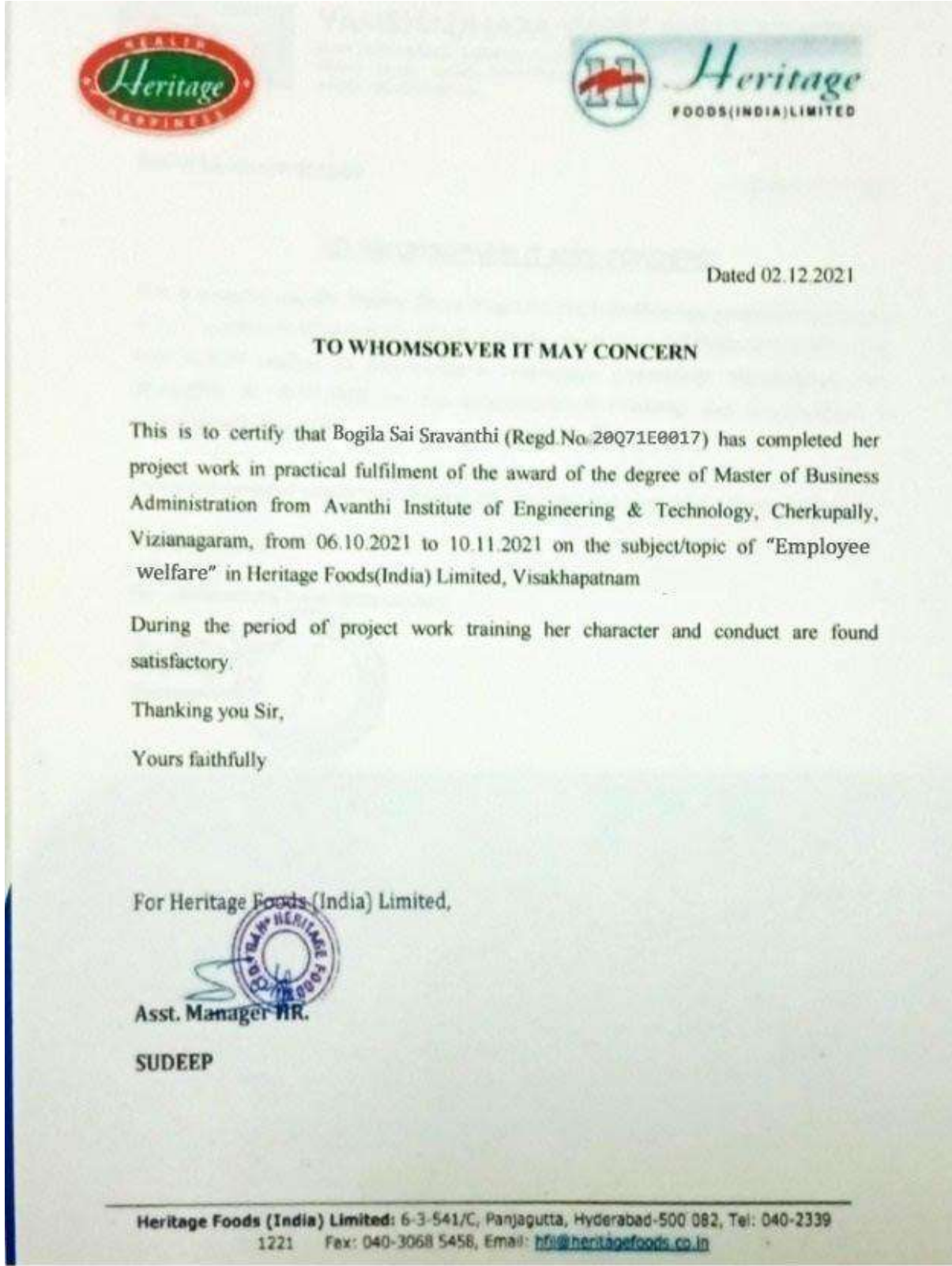


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TO WHOMSOEVER IT MAY CONCERN

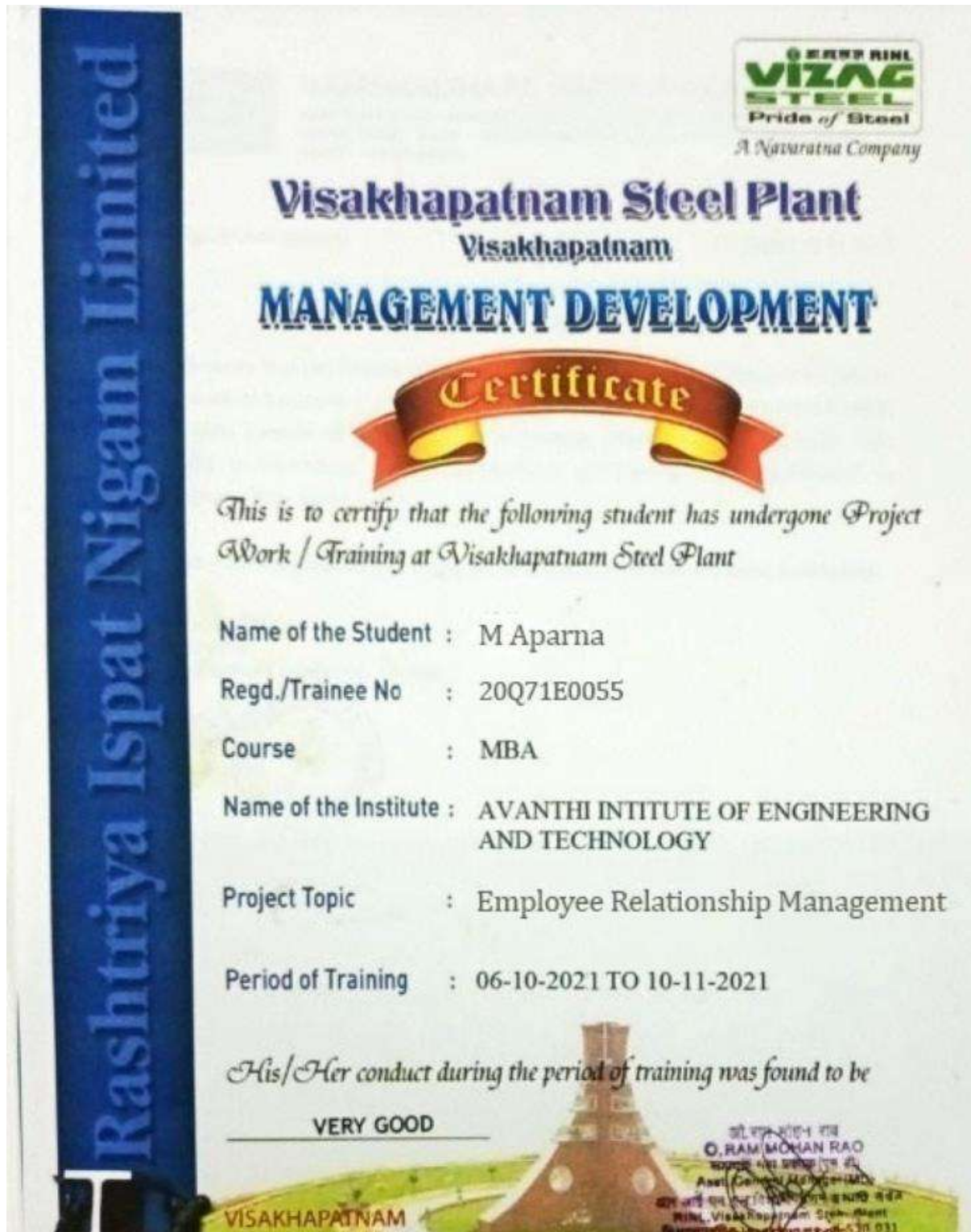
This is to certify that Mr. Gedela Ganesh (Regd.No.20Q71E0028) has completed his project work in practical fulfillment of the award of the degree of Master of Business Administration from Avanathi Institute Of Engineering & Technology, Cherkupally, Vizianagaram, from 06.10.2021 to 10.11.2021 on the subject/topic of "Working capital management" in Vamshadhara Paper Mills Limited.

During the period of project work training his character and conduct are found satisfactory.

Thanking you Sir,
Yours faithfully
For Vamshadhara Paper Mills Limited,

A Rambabu
Manager- HR







b. Participative learning

1. Industrial / field visits / internship at Industry and/or renowned institutions are mandatory.
2. Participation in professional societal activities of IETE, etc. are currently mandatory.
3. Students are involving group discussion and also seminar presentation in very course related topics.
4. Students are encouraged and presently made mandatory to take Online Courses offered by premier institutions of the country.
5. Each course handling conducting Quiz, Debate for the sharing of the student technical knowledge.
6. Industry projects and collaborations are undertaken to enrich students with pre-employment training.
7. Periodical Guest lectures on topics relevant to employment skills by personnel from respective organizations / industry.

Participative learning

- Industrial visits
- Seminars
- Group discussion
- Professional activities



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INDUSTRIAL VISITS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR: 2021-2022

B.Tech Year/Semester: II/II



Industrial visit to AMTZ, Visakhapatnam on 04-04-2022



Medical device demonstration to the students



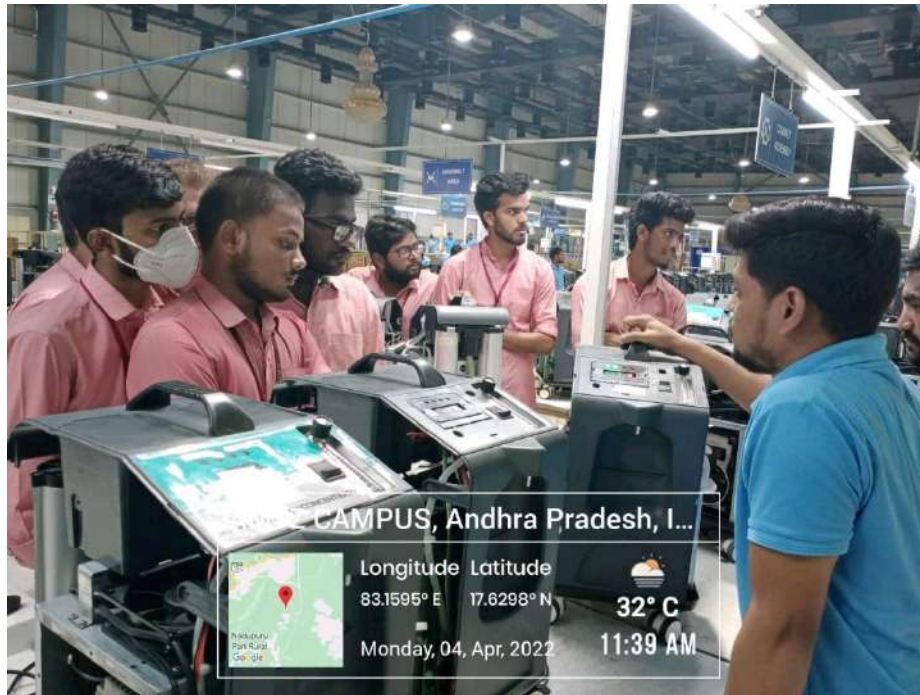
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Medical device demonstration to the students



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REPORT ON INDUSTRIALVISIT

ACADEMIC YEAR: 2021-2022

B.Tech Year/Semester: II/II

Name of the Event	INDUSTRIALVISIT TO AMTZ, VISAKHAPATNAM
Date of the Event	04-04-2022
Coordinator(s)	Mr.P.Santosh Kumar, ECE
Convenor	Mr.V.Siva Bhaskar Rao, ECE
Organizing Dept./Support system	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
No. of Beneficiaries	98
Description	<p>This Industrial visit is very helpful in future practical Life & bring a positive change in our thinking & practical behaviour regarding Education & specializing our technical skills. Students will get practical knowledge about the advancement in technology of machines. Use of technology in field of Electronics and communication engineering. The objective of the visit was to motivate the students to develop a strong grip on the basic models of medical equipment and to make them realize the importance of developing applications on this equipment. The visit would surely prepare the students for their future career in the industry through understanding of the medical equipment operation, in real time. The students got an insight into the industry perspective of Medical Electronics Engineering. The students understood and experienced the real time operation of many Medical Electronics equipment. The students got a clear idea about the role of a Medical Electronics Engineer, in a hospital. The visit helped the students to bridge the gap between the classroom and the real world environment.</p>

HOD-ECE

Head of the Department
Electronics & Communication Engineering
AVANTHI INSTITUTE OF ENGG. & TECH
Cherukupally (VIII), Bhogapuram (M)
VIZIANAGARAM (DIST)



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SEMINARS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Department of Electronics And Communication Engineering has conducted seminar on each subject by student to enhance and upgrade the student's presentation skill. This activity will help the student publicly demonstrate their skills & Helps them to use their skill.

These seminars will enhance the knowledge of the students. For the improvement in the level of understanding and to develop insight in various subjects, seminars are organized for the learners in all academic years.

Year wise subject list for seminar:

Class: B.Tech II/I Year	
SI.NO	SUBJECT NAME
1	Electronic Devices and Circuits
2	Switching Theory and Logic Design
3	Signals and Systems
4	Random Variables and Stochastic Processes

Class: B.Tech III/I Year	
SI.NO	SUBJECT NAME
1	Analog ICs and Applications
2	Electromagnetic Waves and Transmission Lines
3	Digital Communications
4	Computer organization and architecture

Class: B.Tech IV/I Year	
SI.NO	SUBJECT NAME
1	Radar Systems
2	Digital Image Processing
3	Computer Networks
4	Optical Communications



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Class: B.Tech II/II Year	
SI.NO	SUBJECT NAME
1	Electronic Circuit Analysis
2	Linear Control Systems
3	Electromagnetic Waves and Transmission Lines
4	Analog Communications

Class: B.Tech III/II Year	
SI.NO	SUBJECT NAME
1	Wired and Wireless Transmission Devices
2	VLSI Design
3	Digital Signal Processing
4	Internet of things

Class: B.Tech IV/II Year	
SI.NO	SUBJECT NAME
1	Cellular Mobile Communications
2	Electronic Measurements and Instrumentation
3	Satellite communications
4	Wireless sensors and networks



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SEMINAR GIVEN BY THE STUDENTS

Academic Year: 2021-2022

Class:II-B.Tech.-II Sem

S.NO	DATE	ROLL NO.	STUDENT NAME	SUBJECT	SEMINAR TOPIC	FACULTY INCHARGE
1	11-04-22	20Q71A0418	Koilada Murali	Analog Communications	Amplitude Modulation	Mrs K.Syamala
2	12-04-22	20Q71A0443	Paila Pallavi Reddy	Linear Control Systems	Transfer Function Representation	Mr Ch.Sri Ramulu
3	13-04-22	20Q71A0446	Valurouthu Umamahesh	Digital Ic Design	Parallel Binary Adder	Mr M.Ramesh
4	16-04-22	20Q71A0456	Botsa Alekhya	Electronic Circuit Analysis	Multistage Amplifiers	Mrs U.Geetha Lakshmi
5	18-04-22	21Q75A0405	Gummadi Thrisha Bhargavi	Analog Communications	DSB & SSB Modulation	Mrs K.Syamala
6	19-04-22	21Q75A0401	Chandaka Tejeswara Rao	Linear Control Systems	Time Response analysis	Mr Ch.Sri Ramulu
7	20-04-22	21Q75A0402	Donga Vamsi Chandra Sekhar	Digital Ic Design	Synchronous Counters	Mr M.Ramesh
8	22-04-22	21Q75A0408	Meesala Bhargav	Electronic Circuit Analysis	Feedback Amplifiers	Mrs U.Geetha Lakshmi
9	25-05-22	21Q75A0409	Nagubilly Navya Kanaka Ratnam	Analog Communications	Angle Modulation	Mrs K.Syamala
10	26-05-22	21Q75A0410	Nekkala Deepika	Linear Control Systems	Classical Control Design Techniques	Mr Ch.Sri Ramulu



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11	27-05-22	21Q75A0411	Pragada Venkata Sai Rohith	Digital Ic Design	Cmos Logic Circuits	Mr M.Ramesh
12	28-05- 2022	21Q75A0412	Shinagam Lokesh	Electronic Circuit Analysis	Oscillators	Mrs U.Geetha Lakshmi



Subject Name: ANALOG COMMUNICATIONS

Academic Year: 2021-2022

Class : II-B.Tech-II Sem

Snapshot-1

Component Function in Basic Communication System

- **Input Transducer** – convert input signal, $s(t)$ in electrical forms. eg: microphone.
- **Transmitter** – involve **modulation** process – convert **modulating signal**, $m_s(t)$ to **modulated signal**, $p_s(t)$. And finally transmit the signal.
- **Transmission medium** – connecting the transmitter and the receiver that enable the **modulated signal**, $p_s(t)$ propagate through the medium.
- **Receiver** – receive the **modulated signal**, $p_s(t)$ and then convert the signal to **modulating signal**, $m_s(t)$ through the process called **demodulation**.
- **Output Transducer** – convert the **modulating signal**, $m_s(t)$ to its original forms (output signal), $r(t)$ that is useful to the users. eg: loud speaker.

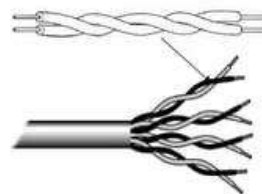
Seminar On – Analog Communications-Basic Communication Systems

Snapshot-2

Transmission Medium (Guided)

Twisted pair

- Unshielded Twisted Pair (UTP)
- Shielded Twisted Pair (STP)



Coaxial



Fiber Optic



Waveguide



Seminar On – Analog Communications – Transmission medium



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STUDENTS ATTENDANCE SHEET FOR SEMINAR

Subject Name: ANALOG COMMUNICATIONS

Academic Year: 2021-2022

Class : II-B.Tech-II Sem

S.NO	ROLL.NO.	NAME OF THE STUDENT	DATES			
			11-04-22	12-04-22	13-04-22	16-04-22
1	20Q71A0401	Anupaju Sai Sujith	✓	✓	✓	A
2	20Q71A0402	Anupaju Satya Aman	A	✓	✓	✓
3	20Q71A0403	Balireddy Ravi Kiran	✓	A	✓	✓
4	20Q71A0404	Bhogavalli Nanda Kishore Sai	✓	✓	✓	✓
5	20Q71A0405	Bodapati Jyostna Priya	✓	✓	✓	✓
6	20Q71A0406	Bonumaddi Ganesh	✓	✓	A	✓
7	20Q71A0407	Botsa Swetha	✓	✓	✓	✓
8	20Q71A0408	Chitturi Tulasi	✓	✓	✓	A
9	20Q71A0409	Dipti Behara	✓	✓	✓	✓
10	20Q71A0410	Doddi Venkatesh	A	✓	✓	✓
11	20Q71A0411	Duda Deepak	✓	✓	✓	✓
12	20Q71A0412	Durga Madhavi Latha	✓	A	✓	✓
13	20Q71A0413	Kusumanchi Vasavi	✓	✓	✓	✓
14	20Q71A0414	Gadu Eswara Rao	✓	✓	A	✓
15	20Q71A0415	Gampa Rupesh Kumar	✓	✓	✓	✓
16	20Q71A0416	Gembali Bhavani	✓	✓	✓	A
17	20Q71A0417	Gorla Venkata Ganapathi Vamsi Krishna	✓	A	✓	✓
18	20Q71A0418	Koilada Murali	✓	✓	✓	✓
19	20Q71A0419	Jagana Vagdevi	A	✓	✓	✓
20	20Q71A0420	Juttu Chaitanya	✓	✓	✓	✓
21	20Q71A0421	Kalepu Bala Ravi Teja	✓	✓	A	✓
22	20Q71A0422	Kamana Venkata Sudheer	✓	A	✓	✓
23	20Q71A0423	Seerapu Purushotham Reddy	✓	A	✓	A
24	20Q71A0424	Kemburu Dileep Kumar	✓	✓	✓	✓
25	20Q71A0425	Kola Leelakumar	✓	✓	A	✓
26	20Q71A0426	Koppuseti Revanth	✓	✓	✓	✓
27	20Q71A0427	Kosuri Bhargav	A	✓	✓	✓
28	20Q71A0428	Kuruhuru Kusuma Kumari	✓	✓	✓	✓
29	20Q71A0429	Labba Sowmya	✓	✓	✓	✓
30	20Q71A0430	Pothala Prasanna Kali	✓	A	✓	✓
31	20Q71A0431	Marpina Dileep	✓	✓	✓	A
32	20Q71A0432	Matta Bharat Kumar	✓	✓	✓	✓
33	20Q71A0433	Murumulla Hemanth	✓	✓	A	✓



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34	20Q71A0434	Nadipena Gnaneswara Rao	✓	✓	✓	✓
35	20Q71A0435	Nallana Naveen	✓	✓	✓	A
36	20Q71A0436	Vakkalagaddi Himabindu	A	A	✓	✓
37	20Q71A0437	Peddinti Vamsi Krishna	✓	✓	✓	✓
38	20Q71A0438	Pilli Yaswanth	✓	✓	✓	✓
39	20Q71A0439	Ravi Vamsi	✓	✓	A	✓
40	20Q71A0440	Sadi Poorna Mani Kanta Sai	✓	✓	✓	✓
41	20Q71A0441	Sanapala Rana Prathap	A	✓	✓	✓
42	20Q71A0442	Sharon Deena Reji	✓	✓	✓	✓
43	20Q71A0443	Paila Pallavi Reddy	✓	A	✓	✓
44	20Q71A0444	Tangeti Alekhya	✓	✓	✓	A
45	20Q71A0445	Ardhani Pavani	✓	✓	✓	✓
46	20Q71A0446	Valurouthu Umamahesh	✓	✓	✓	✓
47	20Q71A0447	Mugada Nagamani	✓	✓	A	✓
48	20Q71A0448	Vuriti Vinay Kumar	✓	✓	✓	✓
49	20Q71A0449	Sunkara Roshini	✓	✓	✓	✓
50	20Q71A0450	Thatraju Priyanka	A	✓	✓	✓
51	20Q71A0451	Avala Madhava Krishna Yadav	✓	A	✓	✓
52	20Q71A0452	Bobbili Aditya	✓	✓	✓	✓
53	20Q71A0453	Boddu Jyotshna	✓	✓	✓	✓
54	20Q71A0454	Bokka Sindhu	✓	✓	✓	A
55	20Q71A0456	Botsa Alekhya	✓	✓	✓	✓
56	20Q71A0457	Dama Jahnavi	✓	✓	A	✓
57	20Q71A0458	Dasari Gnaneswari	✓	✓	✓	✓
58	20Q71A0459	Dumpala Sudharshan	A	✓	✓	✓
59	20Q71A0460	Gonugunta Venkata Sai	✓	A	✓	✓
60	20Q71A0461	Maradana Gowrisankar	✓	✓	✓	✓
61	20Q71A0462	Koyya Shyam Kumar	✓	✓	✓	A
62	20Q71A0463	Kuncha Yeswanth	✓	✓	✓	✓
63	20Q71A0464	Gaddipalli Gayatri Devi	✓	✓	A	✓
64	20Q71A0465	Lokavarapu Venkata Gangadhar	✓	✓	✓	✓
65	20Q71A0466	Mahanthi Kusuma	✓	✓	✓	✓
66	20Q71A0467	Manyam Akhilesh	A	A	✓	✓
67	20Q71A0468	Matcha Renuka	✓	✓	✓	A
68	20Q71A0469	Velduti Upendra	✓	✓	✓	✓
69	20Q71A0472	Pasagodugula Bhavani	✓	✓	A	✓
70	20Q71A0473	Pinnaparaju Venkata Sai Durga Jitendra	✓	✓	✓	✓
71	20Q71A0474	Pothala Padma	✓	A	✓	✓
72	20Q71A0475	Pathivada Supriya	A	✓	✓	✓
73	20Q71A0476	Pudi Bhavani	✓	✓	✓	✓
74	20Q71A0477	Rajana Thanusha	✓	✓	✓	A



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75	20Q71A0478	Randi Yasodha Kumari	A	✓	✓	✓
76	20Q71A0479	Rapeti Vinod	✓	✓	✓	✓
77	20Q71A0480	Reddi Likhitha	✓	✓	✓	✓
78	20Q71A0481	Routhu Dinesh	✓	✓	✓	✓
79	20Q71A0482	Sambangi Bhargava Naidu	✓	✓	✓	✓
80	20Q71A0483	Samurotu Hemanthkumar	✓	✓	✓	✓
81	20Q71A0484	Sathagopam Neharika	✓	✓	✓	✓
82	20Q71A0485	Shaik Basheer Baba	A	✓	✓	✓
83	20Q71A0488	Talalu Santosh Kumar	✓	✓	✓	✓
84	20Q71A0489	Tankala Sai Swaroop	✓	✓	✓	✓
85	20Q71A0490	Vanjarapu Yeswanth Kumar	✓	✓	✓	✓
86	20Q71A0491	Vemulapalli Abhishek	✓	✓	✓	✓
87	20Q71A0493	Adari Kesava Raju Naidu	✓	✓	✓	✓
88	20Q71A0489	Tankala Sai Swaroop	✓	✓	✓	✓
89	20Q71A0490	Vanjarapu Yeswanth Kumar	A	✓	✓	✓
90	20Q71A0491	Vemulapalli Abhishek	✓	✓	✓	✓
91	20Q71A0492	Vydyabhushana Hasini	✓	✓	✓	✓
92	20Q71A0493	Adari Kesava Raju Naidu	✓	✓	✓	✓
93	21Q75A0401	Chandaka Tejeswara Rao	✓	✓	✓	✓
94	21Q75A0402	Donga Vamsi Chandra Sekhar	A	✓	✓	✓
95	21Q75A0403	Gandi Mouli	✓	✓	✓	✓
96	21Q75A0404	Gummadi Thrisha Bhargavi	✓	✓	✓	✓
97	21Q75A0405	Kosuri Manikanta	✓	✓	✓	✓
98	21Q75A0406	Kurmapu Akhil Kumar	✓	✓	✓	✓
99	21Q75A0407	Meesala Bhargav	✓	✓	✓	✓
100	21Q75A0408	Nagubilly Navya Kanaka Ratnam	✓	✓	✓	✓
101	21Q75A0409	Nekkala Deepika	A	✓	✓	✓
102	21Q75A0410	Pragada Venkata Sai Rohith	✓	✓	✓	✓
103	21Q75A0411	Shinagam Lokesh	✓	✓	✓	✓
104	21Q75A0412	Vandrasi Bhargavi	✓	✓	✓	✓
105	21Q75A0414	Abbireddy Sailakshmi Saranya	✓	✓	✓	✓
106	21Q75A0415	Lokarapu Ajay	✓	✓	✓	✓
107	21Q75A0416	Chandaka Tejeswara Rao	✓	✓	✓	✓

(Signature)

HOD-ECE

Head of the Department
Electronics and Communication Engineering
Avanathi Institute of Engg, & Technology
Cherukupalli (V), Bhogapuram (M)
VIZIANAGARAM (Dist)



GROUP DISCUSSION

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Report on Group discussion on "Satellite Communications"

Academic Year: 2021-2022

B.Tech Year/Semester: IV/II

Subject Name: Satellite Communications

Date: 23/05/2022

Subject code: R1642043

Timings: 2:20 pm to 3:10pm

ECE. Department conducted a group discussion on "Satellite Communications" for IV year students. 50 members have participated in the event. This program was organized by the concern faculty Mr.K.Avinash Kumar, Assistant Prof Department of Electronics and Communication Engineering.

The total strength was divided into 13 groups. The event was started with an introduction given by the concern faculty as the term "**Satellite Communications**" refers to the what do you understand by the term, the "**Communication Using Satellites**"

If the communication takes place between any two earth stations through a satellite, then it is called as **satellite communication**. In this communication, electromagnetic waves are used as carrier signals. These signals carry the information such as voice, audio, video or any other data between ground and space and vice-versa.

During the session all the students were actively involved and gained knowledge about the above said topic. Marks were awarded out of 10 by the concern faculty and the best team was selected as the winner. This was done to motivate the students and make ready for the next challenge.



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Report on Group discussion on "Satellite Communications "

Timings: 2:20 pm to 3:10pm

B.Tech Year/Semester: IV/I

Subject Name: Satellite Communications

Date: 09/11/2021

S.NO	ROLL NO.	GROUP	MARKS
1	18Q71A0401	A	9
2	18Q71A0402	A	8
3	18Q71A0403	A	9
4	18Q71A0404	A	9
5	18Q71A0405	A	9
6	18Q71A0406	A	8
7	18Q71A0407	A	9
8	18Q71A0408	A	9
9	18Q71A0409	A	8
10	18Q71A0410	A	8

S.NO	ROLL NO.	GROUP	MARKS
1	18Q71A0411	B	9
2	18Q71A0412	B	8
3	18Q71A0413	B	8
4	18Q71A0414	B	9
5	18Q71A0415	B	9
6	18Q71A0416	B	8
7	18Q71A0417	B	9
8	18Q71A0418	B	9
9	18Q71A0420	B	9
10	18Q71A0421	B	8



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S.NO	ROLL NO.	GROUP	MARKS
1	18Q71A0422	C	8
2	18Q71A0423	C	8
3	18Q71A0424	C	9
4	18Q71A0425	C	9
5	18Q71A0426	C	8
6	18Q71A0427	C	9
7	18Q71A0428	C	8
8	18Q71A0429	C	9
9	18Q71A0430	C	9
10	18Q71A0431	C	9

S.NO	ROLL NO.	GROUP	MARKS
1	18Q71A0433	D	9
2	18Q71A0434	D	9
3	18Q71A0435	D	8
4	18Q71A0436	D	8
5	18Q71A0437	D	8
6	18Q71A0438	D	9
7	18Q71A0439	D	9
8	18Q71A0440	D	9
9	18Q71A0441	D	9
10	18Q71A0444	D	9



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Report on Quiz Program on "Electronics and Communication Engineering, Current Affairs & General knowledge"

Academic Year: 2021-2022

Timings: 10:20 am to 11:20 am

B.Tech Year/Semester: All Students

Date: 28/05/2022

Mr. K.Avinash Kumar, Assist. Prof, has conducted a Quiz Program on "" for All year students. 50 members have participated in the Technical fest event. This program was organized under the guidance of Mr. V.Siva Bhaskar Rao, HOD, Electronics and Communication Engineering Engineering.

The total strength was divided into 10 groups. The event was started by introducing about the Quiz program and giving instructions to the students, by the concern faculty. And then he started asking questions the students who knows the answer are giving answers.

Students are actively participated the program and they exposed to learn more beyond the subject. They are showing interest to attend this type of programs in our institution. They get motivated by the faculty to participate such programs



Question paper Quiz Program on "Electronics and Communication Engineering, Current Affairs & General knowledge"

1. The resolution of an n bit DAC with a maximum input of 5 V is 5 mV. The value of n is
 - a) 8
 - b) 9
 - c) 10
 - d) 1
2. 2's complement of binary number 0101 is
 - a) 1011
 - b) 1111
 - c) 1101
 - d) 1110
3. An OR gate has 4 inputs. One input is high and the other three are low. The output
 - a) is low
 - b) is high
 - c) is alternately high and low
 - d) may be high or low depending on relative magnitude of inputs
4. Decimal number 10 is equal to binary number
 - a) 1110
 - b) 1010
 - c) 1001
 - d) 1000
5. Both OR and AND gates can have only two inputs.
 - a) True
 - b) False
6. The colour subcarrier and sidebands produced by its modulation with the chrominance signals are accommodated in the standard channel width by the process of
 - a) frequency adjustment
 - b) frequency interleaving
 - c) frequency changing
 - d) frequency amalgamation
7. In FM signal with a modulation index m_f is passed through a frequency tripler. The wave in the output of the tripler will have a modulation index of
 - a) m_f
 - b) $3m_f$
 - c) $m_f/3$
 - d) $m_f/9$
8. In colour TV receiver, varactor diode is used for



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- a) detection
- b) rectification
- c) tuning
- d) both (a) and (b)

9. The number of noise sources in a BJT are

- a) 3
- b) 2
- c) 1
- d) 4

10. Energy content of atmospheric noise

- a) does not depend on frequency
- b) decreases as frequency is increased
- c) increases as frequency is increased
- d) either (a) or (c) depending on the temperature

11 The velocity of sound waves in air

- a) is constant at all temperatures
- b) varies directly as temperature
- c) varies inversely as absolute temperature
- d) varies directly as square root of absolute temperature

12. The range of a cordless telephone is about

- a) 1000 m
- b) 500 m
- c) 100 m
- d) 10 m

13. An earth mat for a communication tower consists of

- a) one or two radials extending from base of tower at a depth of about 5 cm below ground
- b) a large number of radials extending from base of tower at a depth of about 3 m
- c) a large number of radials extending from base of tower at a depth of about 30 cm
- d) none of the above

14. Degaussing in a picture tube means

- a) Adding magnetism in mask and mounting frame
- b) Removing residual magnetism in mask, shield etc...
- c) Increasing resistance of coils to decrease time constant
- d) Decreasing resistance of coils to increase time constant.



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15. The rate at which information can be carried through a communication channel depends on

- a) carrier frequency
- b) bandwidth
- c) transmission loss
- d) transmitted power

16. Excessive secretion from the pituitary gland in the children results in

- a) increased height
- b) retarded growth
- c) weakening of bones
- d) None of the above

17. Fa-Hien was

- a) the first Buddhist pilgrim of China to visit India during the reign of Chandragupta Vikramaditya
- b) the discoverer of Puerto Rico and Jamaica
- c) the first Buddhist pilgrim of India to visit China
- d) None of the above

18. Free market is

- a) a condition in the international market where nations do not impose customs duty or other taxes on import of goods
- b) market where the price of a commodity is determined by free play of the forces of supply and demand
- c) ports that are exempted from payment of customs duty on articles of commerce, primarily to encourage tourism
- d) None of the above
- e)

19. East Timor, which became the 191st member of the UN, is in the continent of

- a) Asia
- b) Africa
- c) Europe
- d) South America
- e)

20. Free surface of a liquid behaves like a sheet and tends to contract to the smallest possible area due to the

- a) force of adhesion
- b) force of friction
- c) centrifugal force
- d) force of cohesion

21. Who has received the Asia Environmental Enforcement Award 2020 from UNEP?

- a) United Nations Office on Drugs and Crime



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- b) United Nations Development Programme
- c) Wildlife Crime Control Bureau

22. The Former Union Minister Captain Satish Sharma has passed away. He was a veteran leader of which political party?

- a) BJP
- b) AAP
- c) Congress
- d) CPI(M)

23. Pilot Pey Jal Survekshan is associated with which ministries?

- a) Ministry of Finance
- b) Ministry of Jal Shakti
- c) Ministry of Civil Aviation
- d) Ministry of Housing and Urban Affairs

24. Which actor has signed in as the Agriculture Ambassador of the Karnataka government?

- a) Naga Chaitanya
- b) Chiranjeevi
- c) Rajnikanth
- d) Darshan

25. The mobile app "Snakepedia" has been launched by which state?

- a) Kerala
- b) Assam
- c) Uttar Pradesh
- d) Tamil Nadu

26. Who is the author of the book titled 'ASOCA'?

- a) Irwin Allan Sealy
- b) Jhumpa Lahiri
- c) Anita Desai
- d) Shoji Shiba

27. Which state has announced a package of Rs 200-crore for 2021-22 fiscal for the development of Maa Samaleswari Shrine?

- a) Karnataka
- b) Andhra Pradesh
- c) Odisha
- d) Kerala



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28. Harsh Vardhan has inaugurated Common Research and Technology Development Hub at which place?

- a) CSWRI, Avikanagar
- b) CESS
- c) Acronym IEG
- d) CDRI Lucknow

29. Who is the author of the book titled "Indian Economies Greatest Crisis: Impact of Coronavirus and the Road Ahead"?

- a) Anita Desai
- b) Arun Kumar
- c) Jhumpa Lahiri
- d) Shoji Shiba

30. As per Oxford Economics, what is the projected GDP of India for the Calendar year 2021?

- a) 10.2 percent
- b) 8.8 percent
- c) 11 percent
- d) 9.5 percent



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year: 2021-2022

Timings: 10:20 am to 11:20 am

B.Tech Year/Semester: Participated students

Date: 25/02/2022

QUIZ PROGRAM ATTENDANCE SHEET

S.NO	ROLL.NO	NAME OF THE STUDENT	SIGNATURE
1	22Q71A0422	Chollangi Gowthami	Ch. Gowthami
2	22Q71A0423	Dasari Kishore	D. Kishore
3	22Q71A0424	Duddu Dileep Kumar	D. dileep kumar
4	22Q71A0425	Eegala Suresh	Suresh
5	22Q71A0426	Emandi Rohit	Rohit
6	22Q71A0427	G Veera Mani Baswanth Prabhas	Mani
7	22Q71A0428	Gadili Goutham	G. Goutham
8	22Q71A0430	Gantipalli Vivek	Vivek
9	22Q71A0431	Gara Grishma	Grishma
10	22Q71A0433	Gompa Harshitha	Harshitha
11	22Q71A0432	Gedela Vamsi	Vamsi
12	18Q71A0405	Chinta Jayasree	Jayasree
13	18Q71A0408	Erothi Swetha	Swetha
14	18Q71A0413	Gudivada Bhargavi	Bhargavi
15	18Q71A0420	Ladi Navya	Navya
16	18Q71A0423	Mugidi Sriramnaidu	Sriramnaidu
17	18Q71A0427	Penta Priya	Priya
18	18Q71A0433	Reddi Gayatri	Gayatri
19	18Q71A0439	Velagala Mounika	Mounika
20	18Q71A0440	Yanumula Tharun Reddy	Tharun Reddy
21	19Q71A0406	Ankith Beri	Beri
22	19Q71A0408	Bangaru Kusuma	Kusuma
23	19Q71A0409	Bantu Nani	Nani



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24	19Q71A0411	Basva Lakshmipriya	B. Lakshmpriya
25	19Q71A0413	Bodapudi Kusuma Sri	B. Kusuma
26	19Q71A0414	Harshitha Boddeda	B. Harshitha
27	19Q71A0417	Bugatha Karthikeya	B. Karthikeya
28	19Q71A0418	Chadaram Lalitha	C. Lalitha
29	19Q71A0419	Chandaka Bhavya	C. Bhavya
30	19Q71A0422	Chinta Bhumika	C. Bhumika
31	20Q75A0401	Bugatha Gowrinadh	B. Gowrinadh
32	20Q75A0403	Choda Baby Bhuvana Sri	Bhuvana Sri
33	20Q75A0404	Chinthamreddy Kruparani	C. Kruparani
34	20Q71A0405	Gude Swetha	G. Swetha
35	20Q71A0410	Doddi Venkatesh	D. Venkatesh
36	20Q71A0415	Gampa Rupesh Kumar	G. Rupesh
37	20Q71A0421	Kalepu Bala Ravi Teja	K. Bala Ravi Teja
38	20Q71A0427	Kosuri Bhargav	K. Bhargav
39	20Q71A0432	Matta Bharat Kumar	M. Bharat
40	20Q71A0478	Randi Yasodha Kumari	R. Yasodha
41	20Q71A0489	Tankala Sai Swaroop	T. Sai Swaroop
42	20Q71A0490	Vanjarapu Yeswanth Kumar	A. Kumar
43	21Q71A0405	Allu Sadhghuna	Allu Sadhghuna
44	21Q71A0414	Bommali Vaudevarao	B. Vaudevarao
45	21Q71A0458	Majji Rahul Kalyan	M. Rahul
46	21Q71A0470	Panapana Murali	Murali
47	21Q71A0489	Sireesha Padala	P. Sireesha
48	21Q71A0490	Sivvala Dhanunjaya Rao	S. D. Rao
49	21Q75A0409	Nagubilly Navya Kanaka Ratnam	Navya Kanaka Ratnam
50	21Q75A0410	Nekkala Deepika	N. Deepika



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Question paper Quiz Program on "Electronics and communication Engineering, Current Affairs & General knowledge"

Academic Year: 2021-2022

Timings: 10:20 AM to 11:20 AM

B.Tech Year/Semester: Participated students

Date: 28/05/2022

MARKS

SI.NO	ROLL NO.	NAME OF THE STUDENT	GROUP	MARKS
1	22Q71A0422	Chollangi Gowthami	A	30
2	22Q71A0423	Dasari Kishore	A	30
3	22Q71A0424	Duddu Dileep Kumar	A	30
4	22Q71A0425	Eegala Suresh	A	30
5	22Q71A0426	Emandi Rohit	A	30
6	22Q71A0427	G Veera Mani Baswanth Prabhas	A	30
7	22Q71A0428	Gadili Goutham	A	30
8	22Q71A0430	Gantipalli Vivek	A	30
9	22Q71A0431	Gara Grishma	A	30
10	22Q71A0433	Gompa Harshitha	A	30

SI.NO	ROLL NO.	NAME OF THE STUDENT	GROUP	MARKS
1	22Q71A0432	Gedela Vamsi	B	20
2	18Q71A0405	Chinta Jayasree	B	20
3	18Q71A0408	Erothi Swetha	B	20
4	18Q71A0413	Gudivada Bhargavi	B	20
5	18Q71A0420	Ladi Navya	B	20
6	18Q71A0423	Mugidi Sriramnaidu	B	20
7	18Q71A0427	Penta Priya	B	20
8	18Q71A0433	Reddi Gayitri	B	20
9	18Q71A0439	Velagala Mounika	B	20
10	18Q71A0440	Yanumula Tharun Reddy	B	20



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SI.NO	ROLL NO.	NAME OF THE STUDENT	GROUP	MARKS
1	19Q71A0406	Ankith Beri	C	60
2	19Q71A0408	Bangaru Kusuma	C	60
3	19Q71A0409	Bantu Nani	C	60
4	19Q71A0411	Basva Lakshmipriya	C	60
5	19Q71A0413	Bodapudi Kusuma Sri	C	60
6	19Q71A0414	Harshitha Boddeda	C	60
7	19Q71A0417	Bugatha Karthikeya	C	60
8	19Q71A0418	Chadaram Lalitha	C	60
9	19Q71A0419	Chandaka Bhavya	C	60
10	19Q71A0422	Chinta Bhumika	C	60

SI.NO	ROLL NO.	NAME OF THE STUDENT	GROUP	MARKS
1	20Q75A0401	Bugatha Gowrinadh	D	30
2	20Q75A0403	Choda Baby Bhuvana Sri	D	30
3	20Q75A0404	Chinthamreddy Kruparani	D	30
4	20Q71A0405	Gude Swetha	D	30
5	20Q71A0410	Doddi Venkatesh	D	30
6	20Q71A0415	Gampa Rupesh Kumar	D	30
7	20Q71A0421	Kalepu Bala Ravi Teja	D	30
8	20Q71A0427	Kosuri Bhargav	D	30
9	20Q71A0432	Matta Bharat Kumar	D	30
10	20Q71A0478	Randi Yasodha Kumari	D	30



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SI.NO	ROLL.NO	NAME OF THE STUDENT	GROUP	MARKS
1	20Q71A0489	Tankala Sai Swaroop	E	45
2	20Q71A0490	Vanjarapu Yeswanth Kumar	E	45
3	21Q71A0405	Allu Sadhghuna	E	45
4	21Q71A0414	Bommali Vaudevarao	E	45
5	21Q71A0458	Majji Rahul Kalyan	E	45
6	21Q71A0470	Panapana Murali	E	45
7	21Q71A0489	Sireesha Padala	E	45
8	21Q71A0490	Sivvala Dhanunjaya Rao	E	45
9	21Q75A0409	Nagubilly Navya Kanaka Ratnam	E	45
10	21Q75A0410	Nekkala Deepika	E	45

Result: After the analysis of student's performance in Quiz program as listed above, the winner was announced by HOD: Group C

HOD-ECE

Head of the Department
Electronics & Communication Engineering
AVANTHI INSTITUTE OF ENGG. & TECH
Cherukupally (VIII), Bhogapuram (M)
VIZIANAGARAM (DIST)



DEPARTMENT OF MECHANICAL ENGINEERING

Seminars given by the students

Department of Mechanical Engineering has conducted seminar on each subject by student to enhance and upgrade the student's presentation skill. This activity will help the student publicly demonstrate their skills & Helps them to use their skill.

These seminars will enhance the knowledge of the students. For the improvement in the level of understanding and to develop insight in various subjects, seminars are organized for the learners in all academic years.

Year wise subject list for seminar:

Class:B.Tech II Year		
SL.NO	SUBJECT NAME	FACULTY COORDINATOR
1	Thermodynamics	K.Sarika
2	Mechanics of solids	V.Pradeep
3	Fluid Mechanics & Hydraulic Machines	Dr.Avinash ben
4	Metal Cutting & Machine Tools	J.Jagadish

Class:B.Tech III Year		
SL.NO	SUBJECT NAME	FACULTY COORDINATOR
1	Thermal Engineering -II	G. Lavanya Lakshmi
2	Instrumentation & Control Systems	L.Bhavani Shankar
3	Refrigeration & Air-conditioning	Purshothama Anil Kumar
4	Heat Transfer	Sk.H.Sharief
4	Industrial Robotics	Parimala Kotla Radhika

Class:B.Tech IV Year		
SL.NO	SUBJECT NAME	FACULTY COORDINATOR
1	Mechatronics	K.Jaswanth
2	Additive Manufacturing	Madda Raghava Rao
3	Automobile Engineering	Venkata Naidu Bankuru
4	Non Destructive Evaluation	Garagubilli Ramu
5	Production Planning Control	Panda Suresh

I/c 
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Seminar Topics Covered

Sl. NO	DATE	ROLL NO.	NAME	SUBJECT	SEMINAR TOPIC	FACULTY INCHARGE
1	03-10-2021	20Q71A0319	M.Sai Ganesh	Thermodynamics	Thermodynamics Cycles	K.Sarika
2	24-10-2021	20Q71A0320	M.Venkata Vijaya Kumar	Mechanics Of Solids	Simple Stresses & Strains	V.Pradeep
3	08-11-2021	21Q75A0301	A.Kalyan Babu	Fluid Mechanics & Hydraulic Machines	Fluid Statics	Dr.Avinash Ben
4	02-11-2021	21Q75A0305	B. Sai Ravi Kiran	Metal Cutting & Machine Tools	Fundamentals Of Machining:	J.Jagadish
5	05-11-2021	21Q75A0308	B. Kalyan	Thermodynamics	Pure Substance	K.Sarika
6	01-11-2021	21Q75A0320	M. Naresh	Mechanics Of Solids	Shear Force And Bending Moment	V.Pradeep
7	12-11-2021	21Q75A0342	S. Rahul Naidu	Fluid Mechanics & Hydraulic Machines	Fluid Dynamics	Dr.Avinash Ben
8	06-12-2021	19Q71A0303	B. Upendra	Metal Cutting & Machine Tools	Shaping, Slotting And Planning Machines	J.Jagadish
9	08-12-2021	19Q71A0313	G. Akash	Robotics	Manipulators	K.K.R.Parimala
10	03-01-2022	19Q71A0332	Nelli Aravind	DMM-I	Design of key	K.Deepthi
11	16-02-2022	19Q71A0343	Sanka Sai Kiran	Heat Transfer	Conduction	Sk.H.Sharief



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12	18-02-2022	20Q75A0320	G.Venkatakamesh	R&AC	Refrigeratio n	P.Anil Kumar
13	26-02-2022	18Q71A0307	Bevara Jairam	AE	Clutches	B.V.Naidu
14	03-03-2022	19Q75A0317	Shaik Khadar Ali	PPC	Quality control	Panda Suresh

g/c

H.O.D-MECH

HOD
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Bhogapuram (M), Vizianagaram (Dist.)



Seminar Given By Student

Class: III-B.Tech-II SEM

Name of the Student: - S.Sai Kiran

Subject Name: HEAT TRANSFER

Date: - 16-02-2022

Conduction:

- **Conduction** , is a process in which heat flows in a body is achieved by the transfer of the momentum of individual atoms or molecules without mixing .
- Or Transfer of heat from one atom to another within an object by in direct contact with each other.
- For example, flow of heat through metal shell of a boiler takes place by conduction as far as solid wall or shell is considered.
- The flow of heat is depends on the transfer of **vibrational energy** from one molecule to another , and in case of metal the **movement of free electrons**.

Convection ;

- **Convection** , is process in which heat flow is achieved by actual mixing of warmer portions with cooler portions of same material.
- It is the heat transfer due to **bulk movement within fluid** such as gases and liquids.
- For example , heating of water by hot surface is mainly by convection.
- **Natural convection**(or free convection) refers to a case where the fluid movement is created by the warm fluid itself. The **density of fluid decreases as it is heated**. Thus , hot fluids are lighter than cool fluid.

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50	19Q71A0350	Vandila Mohanarao	V. Mohanarao
51	19Q71A0351	Vathada Swaroop Kumar	V. Swaroop
52	19Q71A0352	Vempada Shiva Satya Sai	V. Satya Sai
53	19Q71A0353	Voleti Praveen Kumar	V. Praveen Kumar
54	19Q71A0354	Gumpa Bhanuchandar	G. Bhanuchandar
55	19Q71A0355	Koppara Sai Kumar	K. Sai Kumar
56	19Q71A0356	N.Naga Jyothi Swaroop	N. Jyothi Swaroop
57	20Q75A0301	Adari Manohar	A. Manohar
58	20Q75A0302	Adduru Sai Krishna	A. Sai Krishna
59	20Q75A0303	Ambati Satyanarayana	A. Satyanarayana
60	20Q75A0304	Ashish Thomala	A. Thomala
61	20Q75A0305	Bade Raju	B. Raju
62	20Q75A0306	Badireddi Uday	B. Uday
63	20Q75A0307	Baisetti Bhanu Prasad	B. B. Prasad
64	20Q75A0308	Balla Raju	B. Raju
65	20Q75A0309	Ch. Madhan Mohan Raju	Ch. Madhan Mohan Raju
66	20Q75A0310	Davala Chandra Sekhar	D. Chandra Sekhar
67	20Q75A0311	D. Durga Sai Prasad	D. Durga Sai Prasad
68	20Q75A0312	Devarapu Arun Kumar	D. Arun Kumar
69	20Q75A0314	Duppalapudi Sai Ganesh	D. Sai Ganesh
70	20Q75A0315	Duvvada Sravan	D. Sravan
71	20Q75A0316	Ejjada Ravi Kumar	E. Ravi Kumar
72	20Q75A0317	Ginni Michayelu	G. Michayelu
73	20Q75A0318	G. V. S. Santhosh Sai Teja	G. V. S. Santhosh Sai Teja
74	20Q75A0319	Gollangi Jayanth	G. Jayanth
75	20Q75A0320	Gorli Venkatakamesh	G. Venkatakamesh

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128	20Q75A0374	Dadi Hari Kiran	D. Hanu Kumar
129	20Q75A0375	D. Hemanth Kumar	D. Hanu Kumar
130	20Q75A0376	Dukka Ramoji Rao	D. Hanu Kumar
131	20Q75A0377	Gedela Jagadesh	J. Jagadesh
132	20Q75A0378	Gettha Lokesh	G. Lokesh
133	20Q75A0379	Gorlu Ramesh	G. Ramesh
134	20Q75A0380	G. Thribhun Kumar	G. Thribhun Kumar
135	20Q75A0381	Jeeru Sampath Reddy	J. Sampath Reddy
136	20Q75A0382	K Sai Kumar	K. Sai Kumar
137	20Q75A0383	Kilari Naresh	K. Naresh
138	20Q75A0385	Koreddi Vijay Krupa	K. Vijay Krupa
139	20Q75A0387	Male Saikumar	M. Saikumar
140	20Q75A0388	Malla Venkatesh	M. Venkatesh
141	20Q75A0389	Marrapu Hari Govinda	M. Hari Govinda
142	20Q75A0390	Meesala Srinu	M. Srinu
143	20Q75A0391	Nambaru Lokesh	N. Lokesh
144	20Q75A0392	N. Uma Maheswara Rao	N. Uma Maheswara Rao
145	20Q75A0393	Pediredla Sai Kumar	P. Sai Kumar
146	20Q75A0394	Patta Manikanta	P. Manikanta
147	20Q75A0395	Pitta Vinod	P. Vinod
148	20Q75A0396	Polamarasetti Lavanya	P. Lavanya
149	20Q75A0397	Polinati Vamsi	P. Vamsi
150	20Q75A0398	Eedibilli Vamsi	V. Vamsi
151	20Q75A0399	Sahu Santosh Kumar	S. Santosh Kumar
152	20Q75A03A0	Seerapu Ram Prasad	S. Ram Prasad
153	20Q75A03A1	Shaik Subhani	Sh. Subhani

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102	20Q75A0347	R.T. Venkata Satya Sai	R.T. Venkata Satya Sai
103	20Q75A0348	Rayudu Vikash	Rayudu Vikash
104	20Q75A0349	Routhu Jagadeeswara Rao	R. Jagadeeswara Rao
105	20Q75A0350	Sirimalli Gireesh	S. Gireesh
106	20Q75A0351	Talabathula Vamsi	T. Vamsi
107	20Q75A0352	Talavalasa Karthik	T. Karthik
108	20Q75A0353	Thotada Praveen Kumar	T. Praveen Kumar
109	20Q75A0354	Vaddadi Bhargava	V. Bhargava
110	20Q75A0355	Yeduvaka Raviteja	Y. Raviteja
111	20Q75A0356	Yeera Balakrishna	Y. Balakrishna
112	20Q75A0357	Yekula Rakesh	Y. Rakesh
113	20Q75A0358	Gavvala Yesudas	G. Yesudas
114	20Q75A0359	Dekkati Sai Kumar	D. Sai Kumar
115	20Q75A0360	Dukka Sai	D. Sai
116	20Q75A0362	Agathmudi Yashwanth	A. Yashwanth
117	20Q75A0363	Alugolu Sai Mohan	A. Sai Mohan
118	20Q75A0364	Amalapuram Sekhar	A. Sekhar
119	20Q75A0365	Ambati Sandeep	A. Sandeep
120	20Q75A0366	A.Chaitanya Kumar	A. Chaitanya Kumar
121	20Q75A0367	Bagadi Murali	B. Murali
122	20Q75A0368	Battina Sai Prashant	B. Sai Prashant
123	20Q75A0369	Beela Hemanth	B. Hemanth
124	20Q75A0370	Boddu Hema	B. Hema
125	20Q75A0371	Boodi Ramesh	B. Ramesh
126	20Q75A0372	Boyina Deekshit	B. Deekshit
127	20Q75A0373	Chippada Rakesh	E. Rakesh

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24	19Q71A0324	Korakoppala Kagesh	K. Kagesh
25	19Q71A0325	Koyya Kiran Kumar	K. Kiran Kumar
26	19Q71A0326	Abothula Sai	A. Sai
27	19Q71A0327	Lingala Udaykiran	L. Udaykiran
28	19Q71A0328	Makka Tharunkumar	M. Tharunkumar
29	19Q71A0329	Mosa Rohit	M. Rohit
30	19Q71A0330	Mummidi Mohan	M. Mohan
31	19Q71A0331	Muddada Saibabu	M. Saibabu
32	19Q71A0332	Nelli Aravind	N. Aravind
33	19Q71A0333	Perapu Vara Prasad	P. Vara Prasad
34	19Q71A0334	Pudi Hari Krishna	P. Hari Krishna
35	19Q71A0335	Pukkalla Shankara Rao	P. Shankara Rao
36	19Q71A0336	Raghumanda Venkatesh	R. Venkatesh
37	19Q71A0337	Ravva Vamsi	R. Vamsi
38	19Q71A0338	Reddy Mahesh	R. Mahesh
39	19Q71A0339	Renam Sai Manikanta	R. Sai Manikanta
40	19Q71A0340	Rongali Prakash	R. Prakash
41	19Q71A0341	Ravutu Mohana Krishna	R. Mohana Krishna
42	19Q71A0342	Sahukari Charan	S. Charan
43	19Q71A0343	Sanka Sai Kiran	S. Sai Kiran
44	19Q71A0344	Shaik Jaffar	Shuk Jaffer
45	19Q71A0345	Simhadri Gnanesh	S. Gnanesh
46	19Q71A0346	T. Uma Maheshwara Rao	T. Uma Maheshwara Rao
47	19Q71A0347	Thyadi Vamsi	T. Vamsi
48	19Q71A0348	Tupakula Sai Samyuktha	T. Sai Samyuktha
49	19Q71A0349	U. Vamsi Krishna Prasad	U. V. Krishna Prasad



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154	20Q75A03A2	Singuluri Vijay Rohith	S. V. Rohith
155	20Q75A03A3	Sirasapalli Guna Sekhar	S. Guna Sekhar
156	20Q75A03A4	Sundarapu Madhu	S. Madhu
157	20Q75A03A5	Urumu Jogeswara Rao	U. Jogeswara Rao
158	18Q71A0347	Thottadi Praveen Kumar	T. Praveen Kumar
159	19Q75A0324	Bodala Bhargav	B. Bhargav
160	17Q71A0335	Mandala Vamsi Krishna	M. Vamsi Krishna

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List of industrial visits

SL.N O	INDUSTRIAL NAME	PLACE	YEAR	FACULTY COORDINATOR
1	HPCL	VISAKHAPATNAM	III	Mr.K.Jaswanth
2	STEEL PLANT	VISAKHAPATNAM	III	Dr.A.M.V.Praveen
3	VISAKHAPATNA M PORT TRUST	VISAKHAPATNAM	II & III	Mr.V.Pradeep Kumar
4	NSTL	VISAKHAPATNAM	II,III&IV	Mr.J.Jagadish
5	MSME-VSKP	VISAKHAPATNAM	IV	Mr.J.Jagadish

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Industrial visits during the academic year 2021-2022



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HPCL-III-MECH



HPCL-III-MECH



VIZAG PORT-IV-MECH

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VIZAG PORT-IV-MECH



STEEL PLANT – VISKHAPATNAM-III-MECH

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STEEL PLANT- VISKHAPATNAM-III-MECH-B



NSTL-Exhibition



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DEPARTMENT OF MECHANICAL ENGINEERING

Report on Group discussion on "Automobile Engineering"

Timings: 2:20 pm to 3:10pm

B.Tech Year/Semester: IV/II

Subject Name: **Automobile Engineering**

Date: 21/12/2021

MECH. department conducted a group discussion on "Automobile Engineering" for IV year students. 90 members have participated in the event. This program was organized by the concern faculty Dr.Avinash Ben, Prof/department of Mechanical Engineering.

The total strength was divided into 9 groups. The event was started with an introduction given by the concern faculty as the term "Automobile Engineering" refers to the what do you understand by the term, the robotics.

Automobile engineering is a branch study of engineering which teaches manufacturing, designing, mechanical mechanisms as well as operations of automobiles. It is an introduction to vehicle engineering which deals with motorcycles, cars, buses, trucks, etc.

During the session all the students were actively involved and gained knowledge about the above said topic. Marks were awarded out of 10 by the concern faculty and the best team was selected as the winner. This was done to motivate the students and make ready for the next challenge.

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Grading system

S.NO	PIN NO	GROUP	MARKS
1	18Q71A0301	A	9
2	18Q71A0302	A	8
3	18Q71A0303	A	9
4	18Q71A0304	A	9
5	18Q71A0305	A	9
6	18Q71A0306	A	8
7	18Q71A0307	A	9
8	18Q71A0308	A	9
9	18Q71A0309	A	8
10	18Q71A0310	A	8

S.NO	PIN NO	GROUP	MARKS
1	18Q71A0342	B	9
2	18Q71A0343	B	8
3	18Q71A0344	B	8
4	18Q71A0345	B	9
5	18Q71A0346	B	9
6	18Q71A0348	B	8
7	18Q71A0350	B	9
8	18Q71A0353	B	9
9	18Q71A0357	B	9
10	18Q71A0359	B	8

S.NO	PIN NO	GROUP	MARKS
1	19Q75A0301	C	8
2	19Q75A0302	C	8
3	19Q75A0303	C	9
4	19Q75A0304	C	9
5	19Q75A0305	C	8
6	19Q75A0306	C	9
7	19Q75A0307	C	8
8	19Q75A0308	C	9
9	19Q75A0309	C	9
10	19Q75A0310	C	9

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S.NO	PIN NO	GROUP	MARKS
1	19Q75A0311	D	9
2	19Q75A0312	D	9
3	19Q75A0313	D	9
4	19Q75A0315	D	9
5	19Q75A0316	D	8
6	19Q75A0317	D	9
7	19Q75A0318	D	9
8	19Q75A0319	D	9
9	19Q75A0320	D	9
10	19Q75A0321	D	9

S.NO	PIN NO	GROUP	MARKS
1	19Q75A0322	E	9
2	19Q75A0323	E	9
3	19Q75A0325	E	9
4	19Q75A0326	E	8
5	19Q75A0327	E	8
6	19Q75A0328	E	9
7	19Q75A0330	E	9
8	19Q75A0332	E	9
9	19Q75A0333	E	8
10	19Q75A0334	E	8
11	19Q75A0335	E	8

S.NO	PIN NO	GROUP	MARKS
1	19Q75A0336	F	9
2	19Q75A0337	F	8
3	19Q75A0338	F	9
4	19Q75A0339	F	9
5	19Q75A0340	F	8
6	19Q75A0341	F	8
7	19Q75A0342	F	9
8	19Q75A0343	F	8
9	19Q75A0344	F	9
10	19Q75A0345	F	9

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S.NO	PIN NO	GROUP	MARKS
1	18Q71A0321	G	9
2	18Q71A0324	G	8
3	18Q71A0325	G	9
4	18Q71A0326	G	8
5	18Q71A0327	G	9
6	18Q71A0328	G	9
7	18Q71A0329	G	8
8	18Q71A0330	G	8
9	18Q71A0331	G	9
10	18Q71A0333	G	9

S.NO	PIN NO	GROUP	MARKS
1	18Q71A0334	H	9
2	18Q71A0335	H	9
3	18Q71A0336	H	9
4	18Q71A0338	H	8
5	18Q71A0339	H	8
6	18Q71A0340	H	8
7	18Q71A0342	H	9
8	18Q71A0343	H	9
9	18Q71A0344	H	9
10	18Q71A0345	H	9

S.NO	PIN NO	GROUP	MARKS
1	18Q71A0346	I	9
2	18Q71A0348	I	9
3	18Q71A0350	I	9
4	18Q71A0353	I	8
5	18Q71A0357	I	8
6	18Q71A0359	I	9
7	18Q71A0360	I	9
8	18Q71A0361	I	8
9	18Q71A0362	I	8
10	18Q71A0314	I	8



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S.NO	PIN NO	GROUP	MARKS
1	19525A0328	I	9
2	19525A0329	I	9
3	19525A0331	I	9
4	19525A0332	I	8
5	19525A0334	I	8
6	19525A0342	I	9
7	19525A0353	I	9
8	19525A0363	I	8
9	19525A0364	I	8
10	19525A0365	I	8

Result: After the analysis of student's performance in group discussion, the winner was announced by HOD: Group D.

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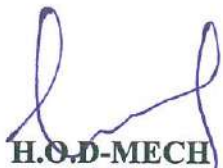
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DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year: 2021-2022

Seminar/Webinar/training program/Workshops organized by Professional Chapter:

SL.NO	DATE	NAME OF THE PROGRAM	RESOURCE PERSON	NO OF STUDENTS PARTICIPATED
1	10/10/2021	Webinar On "Industrial Robotics"	Mr.P.Rama Krishna Bench Mark, Visakhapatnam	62
2	29/10/2021	Work Shop On NDT	NDT Institute, Visakhapatnam	157
3	14/11/2021	Workshop On "Refrigeration And Air Conditioning Systems"	Mr.Khaleel National Engineers Visakhapatnam	92
4	5/12/2021	Seminar On "IC Engines"	Dr.Jai Kumar, Gitam University Visakhapatnam	76
5	4/1/2022	Technical Seminar On "Computer Aided Process Planning"	Mr.Praveen Igat Institute, Viakhapatnam	134

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ACTIVITY REPORT

Name of the Event	Webinar on "INDUSTRIAL ROBOTICS"
Date of the Event	10/10/2021
Coordinator(s)	Mr.V.SARAN TEJ, MECH
Convenor	Ms.M.Lakshmi Sramika
Resource Persons	P.RAMA KRISHNA,BENCH MARK,VSKP
Organizing Dept./Support system	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
No. of Beneficiaries	62
Description	<p>The speaker for guest lecture has been warm welcomed to the session on behalf of Avanthi Institute Of Engineering and Technology, Chairman, Director, Principal, Head of the Department and students. The Head of the Department has given a brief introduction about the speaker achievements and experience and Principal Madam too welcomed him for the session on behalf of the college. The speaker took over the session and delivered a lecture on Latest Trends in Industrial Robotics & MNC Job Opportunities. Robots will increase economic growth and productivity and create new career opportunities for many people worldwide. Industry is moving towards automation, increase in production and increase in accuracy of the products. All the developed and developing countries have started using Robots for the Automation and high volume of production of similar products. Totally 47 members participated in this seminar. In general, industrial robots are intended for manufacturing applications or tasks that may be dangerous. In these roles, industrial robots are often replacing human employees. By contrast, service robots have more varied applications, with uses in healthcare, hospitality, cleaning, and similar areas. This report presents the results of our seminar on "INDUSTRIAL ROBOTICS"</p>

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ACTIVITY REPORT

Name of the Event	Work shop on "NDT"
Date of the Event	29/10/2021
Coordinator(s)	Mrs.K.Deepthi, MECH
Convener	Ms.M.Lakshmi Sramika
Resource Persons	NDT INSTITUTE, VISAKHAPATNAM
Organizing Dept./Support system	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
No. of Beneficiaries	157
Description	<p>The speaker for guest lecture has been warm welcomed to the session on behalf of Avanthi Institute Of Engineering and Technology, Director, Principal, Head of the Department and students. The Head of the Department has given a brief introduction about the speaker achievements and Principal too welcomed him for the session on behalf of the college. The speaker took over the session and delivered a lecture on Advance VLSI Design and Methodology. Totally 45 members participated in this seminar. Those who are looking for core jobs in for Mechanical. they discuss the future of artificial intelligence. In today's era, the pace of evolution is faster than ever. We see that progress in technology so rapidly nowadays. Discussed the future of AI in fields of Finance, HealthCare, Education and Military applications, where it could affect both the ways either positive or negative. The increasing complexity and 'real-time requirements require new modeling techques as well as application of formal methods. This report presents the results of our seminar on AIED.</p>

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ACTIVITY REPORT

Name of the Event	Work shop on "REFRIGERATION AND AIR CONDITIONING SYSTEMS"
Date of the Event/ Time	14/11/2021
Coordinator(s)	Mr.Sheik.Hidayatulla Shariff,
Convener	Ms.M.Lakshmi Sramika
Resource Persons	M.Khaleel
Organizing Dept./Support system	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
In collaboration with	National Engineers, Visakhapatnam
No. of Beneficiaries	92
Description	<p>Department has conducted seminar on, "REFRIGERATION AND AIR CONDITIONING SYSTEM" to enhance and upgrade the student's knowledge and skills. This program was organized by Mr.SHEIK.HIDAYATULLA SHARIFF, Coordinator of this event MECH. Resource Person introduced about Applications, about industrial point of view and future scope. He also explained. About some cop method. Over the next few decades, the global demand for air conditioning is expected to skyrocket. According to the International Energy Agency. The scope of work of refrigeration and air-conditioning technician includes: Manufacture, install, and maintenance of household refrigeration and air conditioners such as refrigerators, freezers, freezers, and window air conditioners. Industrial refrigeration is used in many industries, from food processing, chemical, and pharmaceutical and plastics manufacturing to construction. Within these industries, water-cooled chillers play an important part in processes that require the cooling of a large amount of water. For the improvement in the level of understanding and to develop insight in various domains, R&AC methods are organized for the learners in academic years. These methods will enhance the knowledge of the students and enable them to work with mini/major projects, apply for project contests: Students the member of club and participants are effectively participated and has felt happy for participating in this workshop.</p>


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ACTIVITY REPORT

Name of the Event	Seminar on "IC ENGINES"
Date of the Event/ Time	05/12/2021
Coordinator(s)	Mr.G.RAMU, MECH
Convener	Ms.M.Lakshmi Sramika
Resource Persons	Dr.Jai Kumar, GITAM University, Viskhapatnam.
Organizing Dept./Support system	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
No. of Beneficiaries	76
Description	<p>The speaker for guest lecture has warm welcomed to the session on behalf of Avanthi Institute Of Engineering and Technology, Chairman, Director, Principal, Head of the Department and students. The Head of the Department has given a brief introduction about the speaker achievements and experience and Principal Madam too welcomed him for the session on behalf of the college. The speaker took over the session and delivered a lecture on IC ENGINES. Internal combustion engines (ICE) are the most common form of heat engines, as they are used in vehicles, boats, ships, airplanes, and trains. They are named as such because the fuel is ignited in order to do work inside the engine. The same fuel and air mixture is then emitted as exhaust. All new vehicles to run on cleaner energy (electric, hybrid, hydrogen fuel cell) from 2030, phase-out of internal combustion engines (from the entire population of motor vehicles) completed by 2040. New passenger car sales only. Commercial vehicles and motorcycles to continue to use petrol or diesel. In the future, internal combustion engines will evolve toward high efficiency, fixed operating conditions, simplicity and low cost, and they will be closely integrated with high-efficiency motors, transmissions and batteries, which will bring new development opportunities to the entire industry. This seminar was very fruitful and satisfactory to participant's enthusiasm. The targeted audiences were B.Tech students and MECH faculty members. Total 68 participants. Last 5 minutes were given for Q&A session and few questions were raised by the students which were answered by the speaker. Mr.G.RAMU, Assistant professor of MECHANICAL Engineering department, ended the program by delivering vote of thanks.</p>

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MECHANICAL DEPARTMENT



ACTIVITY REPORT

Name of the Event	Online Seminar on "Computer Aided Process Planning"
Date of the Event/ Time	4/01/2022
Coordinator(s)	Mr.G.A C RAMAJANEYULU, MECH
Convenor	Ms.M.Lakshmi Sramika
Resource Persons	Mr.Praveen-IGAT, Viskhapatnam.
Organizing Dept./Support system	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
No. of Beneficiaries	134
Description	<p>The speaker for guest lecture has warm welcomed to the session on behalf of Avanthi Institute Of Engineering and Technology, Chairman, Director, Principal, Head of the Department and students. The Head of the Department has given a brief introduction about the speaker achievements and experience and Principal Madam too welcomed him for the session on behalf of the college. The speaker took over the session and delivered a lecture on COMPUTER AIDED PROCESS PLANNING. He explains Computer-aided process planning is a pivotal element in the integration of information from design to actual manufacturing. It is common to use a feature-based CAD model-recognition system to process product characteristics in order to plan the manufacturing steps. CAPP can give more complete and detailed process plans. Process planning and production lead time is reduced. CAPP can give faster response to engineering changes. Greater process plan consistency is ensured. A CAPP system aims to automate the generation of process plans so that functions, such as process selection, tool selection, feature sequencing, and machine tool selection can be performed without human intervention. The system is composed of three parts: feature-based CAD module, incremental CAPP (ICAPP) module and product/process plan data model database. A product/process plan data model database provides a platform for recording and exchanging information about the product and process plan. The CAPP system is based on UG software, which is used as a platform of CAD/CAM system. A new way adopting the UG/API function to develop an interface between CAD and CAPP is employed to make feature extraction that can be transferred from CAD to CAPP. Students and participants are effectively participated and have felt happy for participating in this workshop.</p>

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AVANTHI INSTITUTE OF ENGG. & TEC
Bhogapuram (M) Vizianagaram (Dist.)



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Industrial Visits

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

B.Tech Year/Semester: IV/II

Activity Report

Name of the Event	Industrial Visit NSTL
Date of the Event	22/4/2022
Coordinator(s)	Mr.S.Kesava Rao, CSE
Convenor	Dr.G. Satyanarayana
Organizing Dept./Support system	Avanthi Institute Of Engineering and Technology
Description	<p>Naval Science & Technological Laboratory (NSTL) is a premier laboratory of Defence Research and Development Organisation (DRDO) that undertakes research and development of naval weapons and related systems (underwater mines, torpedoes, fire control systems, weapon launchers, targets, decoys).</p> <p>Research Areas: Engineering Sciences, Physical Sciences Ministries: Defence Research and Development Organisation (DRDO), Govt of India Contact Name: Dr Y Sreenivas Rao, Director Contact Address: Visakhapatnam Contact Phone: 0891-2586100 Email: director[dot]nstl[at]gov[dot]in Fax: 0891-2559464 State: Andhra Pradesh</p>



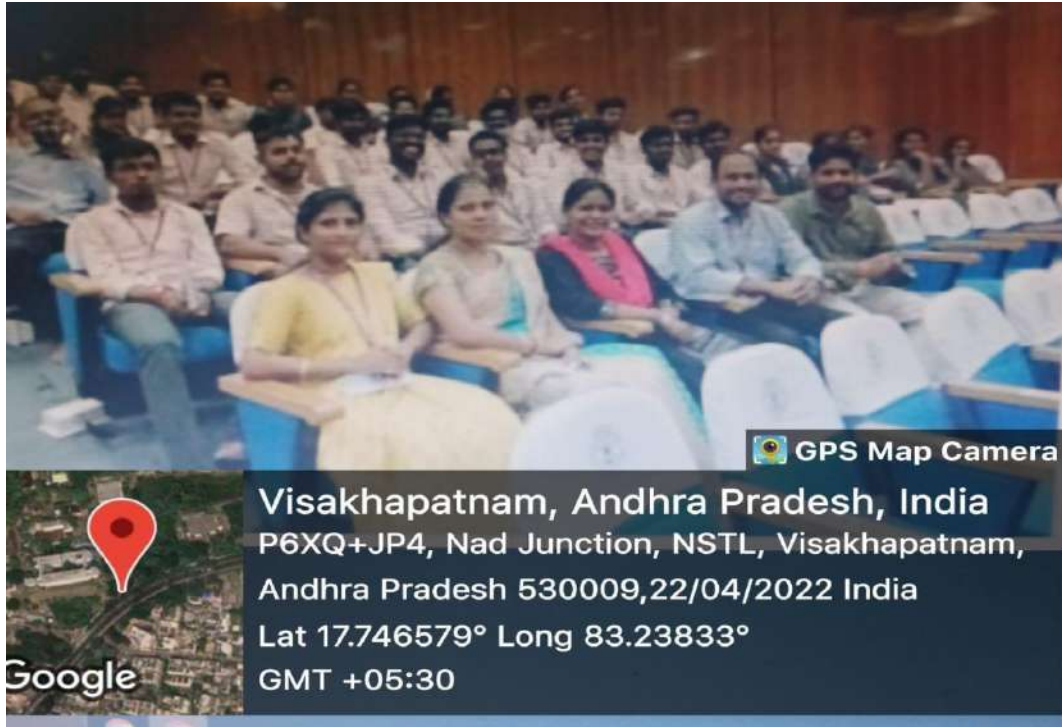
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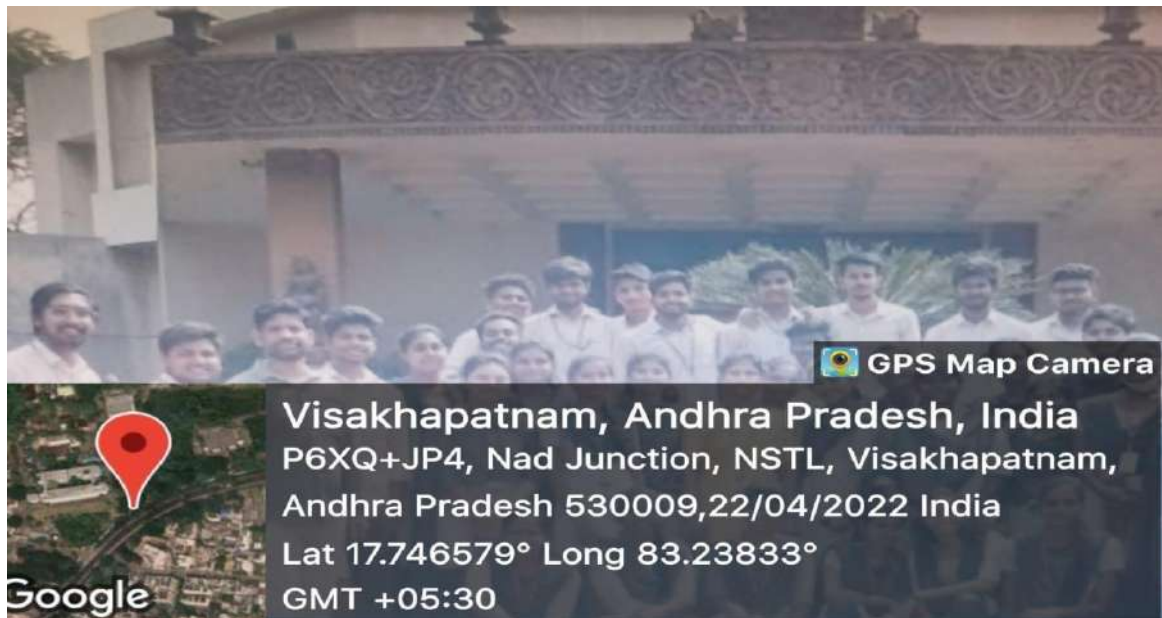
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Industrial visit NSTL on 22-04-2022



Industrial visit NSTL on 22-04-2022



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Seminars

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Department of Computer Science Engineering has conducted seminar on each subject by student to enhance and upgrade the student's presentation skill. This activity will help the student publicly demonstrate their skills & Helps them to use their skill.

These seminars will enhance the knowledge of the students. For the improvement in the level of understanding and to develop insight in various subjects, seminars are organized for the learners in all academic years.

Year wise subject list for seminar:

Class:B.Tech II/I Year	
SL.NO	SUBJECT NAME
1	Object Oriented Programming System
2	Operating System
3	Software Engineering
4	Mathematical Foundations of Computer Science

Class:B.Tech III/IYear	
SL.NO	SUBJECT NAME
1	Data warehousing And Data mining
2	Computer Networks
3	Compiler Design
4	Artificial Intelligence

Class:B.Tech IV/I Year	
SL.NO	SUBJECT NAME
1	Cryptography and Network Security
2	Software Architecture and Design Patterns
3	Web Technologies
4	Managerial Economics and Financial Accountancy



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Class:B.Tech II/II Year	
SL.NO	SUBJECT NAME
1	Database Management System
2	Finite Automata and Formal Language
3	Java Programming
4	Probability and Statistics

Class:B.Tech III/II Year	
SL.NO	SUBJECT NAME
1	Web Technologies
2	Distributed Systems
3	Design and Analysis of Algorithms
4	Managerial Economics and Financial Accountancy

Class:B.Tech IV/II Year	
SL.NO	SUBJECT NAME
1	Distributed Systems
2	Machine Learning
3	Management Science
4	Operational Research



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Seminar Given By Students

Class : II-B.Tech-II Sem

SEMINAR GIVEN BY THE STUDENT						
S.N O	DATE	ROLL NO	NAME	SUBJECT	SEMINAR TOPIC	FACULTY INCHARGE
1.	11-04-2022	20Q71A0505	Bammidi Jai Sankar Kumar	Object Oriented Programming System	Overloading & Overriding	Hanumanthu Devaraju
2.	12-04-2022	20Q71A0510	Bonu Eswararao	Object Oriented Programming System	Constructors & Destructors	Hanumanthu Devaraju
3.	13-04-2022	20Q71A0517	Dharmavara pu Leela Prasanthi	Operating System	Memory Management	Mamidi Jayaram
4.	16-04-2022	20Q71A0523	Ketharajupalli Prasad	Operating System	Storage management	Mamidi Jayaram
5.	18-04-2022	20Q71A0529	Lankalapalli Lavankumar	Software Engineering	UML basics	Chipurapalli Sravanthi
6.	19-04-2022	20Q71A0536	Nadigatla B V Sai Durga Prasad	Software Engineering	Reverse Engineering	Chipurapalli Sravanthi
7.	20-04-2022	20Q71A0544	Sigireddi Naga Venkata Sai Sirisha	Software Engineering	Computer aided Software Engineering	Chipurapalli Sravanthi
8.	22-04-2023	20Q71A0550	Sirusolla Venkata Teja	Mathematical Foundations of Computer Science	Discrete Numeric Functions	Dr.G.Chinna Rao
9.	25-05-2023	20Q71A0557	Indrajeet Singh Yadav	Mathematical Foundations of Computer Science	Logic & Inference Theory	Dr.G.Chinna Rao
10.	26-05-2023	20Q71A0560	Bodrothu Vineetha	Mathematical Foundations of Computer Science	Equivalence of DFA & NFA	Dr.G.Chinna Rao

Snapshot-1

8

Introduction

Features of Java:

The primary objective of Java programming language creation was to make it portable, simple and secure programming language.

- **Simple**
- **Object-Oriented**
- **Portable**
- **Platform independent**
- **Secured**
- **Robust**
- **Architecture neutral**
- **Interpreted**
- **Multithreaded**
- **Distributed**



Topic : Seminar on features of Java

Snapshot-2

13

Introduction

C++ vs Java:

C++	Java
• C++ is platform-dependent.	• Java is platform-independent.
• C++ is mainly used for system programming.	• It is widely used in Windows-based, web-based, enterprise, and mobile applications.
• C++ supports multiple inheritance.	• It can be achieved by using interfaces in java.
• C++ supports goto statement, Pointers, operator overloading.	• Java doesn't supports goto statement, Pointers, operator overloading.
• C++ supports both call by value and call by reference.	• Java supports call by value only. There is no call by reference in java.

Topic : Seminar on difference between C++ vs Java



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Class:II-B.Tech.-II Sem

S.NO	REGD.NO.	Name of the Student	Dates									
			11-04-2022	12-04-2022	13-04-2022	16-04-2022	18-04-2022	19-04-2022	20-04-2022	22-04-2022	25-04-2022	26-04-2022
1	20Q71A0501	Abdul Shazeeya	✓	✓	✓	✓	✓	✓	✓	✓	A	✓
2	20Q71A0502	Andripilli Chandra Sekhar	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
3	20Q71A0503	Anguluri Gopal Krishna	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	20Q71A0504	Balaga Mounika	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
5	20Q71A0505	Bammidi Jai Sankar Kumar	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
6	20Q71A0507	Bilal Khan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	20Q71A0508	Bodasingi Sai Deepak	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
8	20Q71A0509	Boni Bhargavi	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
9	20Q71A0510	Bonu Eswararao	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
10	20Q71A0511	Borothu Mounika	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
11	20Q71A0512	Majji Keerthana	✓	✓	A	✓	✓	✓	✓	A	✓	✓
12	20Q71A0513	Chandaka Manojkumar	✓	✓	✓	A	✓	A	✓	✓	✓	✓
13	20Q71A0514	Chitturi Neelima Devi	A	✓	✓	✓	✓	✓	✓	✓	✓	A
14	20Q71A0515	Daketi Rambabu	✓	✓	✓	A	✓	✓	A	✓	✓	✓
15	20Q71A0517	Dharmavara pu Leela Prasanthi	A	✓	✓	✓	✓	✓	✓	✓	A	✓
16	20Q71A0518	Ganta Bhagyalakshmi	✓	✓	A	✓	✓	✓	A	✓	✓	✓



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17	20Q71A0519	Giduthuri Jigisha	A	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
18	20Q71A0520	Jami Gowthami	✓	✓	A	✓	✓	✓	✓	✓	✓	A	✓
19	20Q71A0521	Kalluri Venkata Sai	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	A
20	20Q71A0523	Ketharajupalli Prasad	A	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
21	20Q71A0524	Kokkula Venkata Dinesh	✓	✓	A	✓	✓	✓	✓	✓	✓	A	✓
22	20Q71A0525	Kollana Vivek	✓	✓	✓	A	✓	✓	A	✓	✓	✓	✓
23	20Q71A0526	Kondeti Navya	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24	20Q71A0527	Koratana Mouli	A	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
25	20Q71A0528	Kotala Gowtham Sai	✓	✓	A	✓	✓	✓	✓	A	✓	✓	✓
26	20Q71A0529	Lankalapalli Lavankumar	A	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
27	20Q71A0530	Macharla Geetha Sri	✓	✓	A	✓	✓	✓	✓	✓	✓	A	✓
28	20Q71A0531	Maddila Gowthami	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
29	20Q71A0532	Kankana Harish	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
30	20Q71A0534	Mongam Venkat Ravi Teja	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
31	20Q71A0535	Mylapalli Appalaraju	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	✓
32	20Q71A0536	Nadigatla B V Sai Durga Prasad	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
33	20Q71A0537	Nedunuri Kavya Sri	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
34	20Q71A0538	Neeli Gowtham	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
35	20Q71A0539	Nemala Manikanta	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	✓
36	20Q71A0540	Potabattula Durga	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
37	20Q71A0541	Pullagoru Ajay Kumar	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	✓



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38	20Q71A0542	Ramineni Israel	✓	A	✓	✓	✓	✓	✓	✓	A	✓	✓
39	20Q71A0543	Saini Puneeth Krishna	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
40	20Q71A0544	Sigireddi Naga Venkata Sai Sirisha	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	A
41	20Q71A0545	Telukula Rohith	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
42	20Q71A0546	Vajarapu Girija Kumari	A	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
43	20Q71A0547	Velchuri Nagendra Babu	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	A
44	20Q71A0548	Venkata Pavan Charitesh Narra	A	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
45	20Q71A0549	Pandava Charan	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	A
46	20Q71A0550	Sirusolla Venkata Teja	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
47	20Q71A0551	Gondu Suresh	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	A
48	20Q71A0552	Koratana Santhakumari	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
49	20Q71A0553	Uppala Sravya	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
50	20Q71A0554	Sinka Divya	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	A
51	20Q71A0555	Cheedi Pavan Kumar	✓	A	✓	✓	✓	✓	✓	✓	A	✓	✓
52	20Q71A0556	Labhala Divakar	✓	✓	✓	A	✓	✓	✓	✓	A	✓	✓
53	20Q71A0557	Indrajeet Singh Yadav	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	A
54	20Q71A0558	Bantubilli Sivani	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
55	20Q71A0559	Mohammad Naeemuddin	✓	✓	A	✓	✓	✓	✓	✓	A	✓	✓



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56	20Q71A0560	Bodrothu Vineetha	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
57	20Q71A0561	Buridi Girijesh	✓	A	✓	✓	✓	✓	✓	✓	A	✓
58	20Q71A0562	Chalicheema Ramakrishna	✓	✓	✓	A	✓	✓	✓	A	✓	✓
59	20Q71A0563	Chitikina Swapna Priya	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
60	20Q71A0564	P Tulasi Prashanti	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
61	20Q71A0565	Darapu Hari Prasad	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
62	20Q71A0566	Dogga Asha	✓	✓	✓	A	✓	✓	✓	✓	✓	A
63	20Q71A0567	Dusi Sahityalakhmi	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
64	20Q71A0569	Enduva Lokeswara Rao	✓	A	✓	✓	✓	✓	✓	✓	A	✓
65	20Q71A0570	Gadi Jaya Ram	✓	✓	✓	A	✓	✓	✓	A	✓	✓
66	20Q71A0571	Ganasula Aishwarya	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
67	20Q71A0572	Gogula Anusha	✓	✓	✓	A	✓	✓	✓	A	✓	✓
68	20Q71A0573	Goka Kusuma	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
69	20Q71A0574	Gokita Sri Vidya	✓	A	✓	✓	✓	✓	A	✓	✓	✓
70	20Q71A0575	Gompa Mounica	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
71	20Q71A0576	Gorli Sharanya	✓	✓	✓	✓	✓	A	✓	✓	✓	A
72	20Q71A0577	Gurana Bhavani	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
73	20Q71A0578	Karri Chitra Swarupa	✓	✓	A	✓	✓	✓	✓	A	✓	✓
74	20Q71A0579	Ketharajupalli Praveen Kumar	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
75	20Q71A0581	Kona Deepak	✓	✓	A	✓	✓	✓	A	✓	✓	✓



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76	20Q71A0582	Kona Moses Finny	✓	✓	✓	A	✓	✓	✓	✓	A	✓
77	20Q71A0583	Kota Vandana	✓	A	✓	✓	✓	✓	A	✓	✓	✓
78	20Q71A0584	Kotala Sampath Sai	✓	✓	✓	A	✓	✓	✓	A	✓	✓
79	20Q71A0585	Lingala Hemanth Kumar	✓	A	✓	✓	✓	✓	✓	✓	A	✓
80	20Q71A0586	Malla Sneha	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
81	20Q71A0587	Mallipala Varshini	✓	✓	A	✓	✓	✓	✓	✓	✓	A
82	20Q71A0588	Bandaru Sudheer Kumar	✓	A	✓	✓	✓	✓	✓	A	✓	✓
83	20Q71A0589	Muppidi Dhanush	✓	✓	✓	A	✓	✓	A	✓	✓	✓
84	20Q71A0590	Nadipalli Anjali	✓	✓	✓	✓	✓	✓	✓	✓	✓	A
85	20Q71A0591	Namburi Lavanya	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
86	20Q71A0593	Narayanasetti Anjali	✓	A	✓	✓	✓	✓	A	✓	✓	✓
87	20Q71A0594	Odiboyina Samuel Raju	✓	✓	✓	A	A	✓	✓	✓	✓	✓
88	20Q71A0595	Padala Venkata Karthikeya Reddy	✓	A	✓	✓	✓	A	✓	✓	✓	✓
89	20Q71A0596	Pantula Viswanadha Sai Prashanth	✓	✓	✓	✓	A	✓	✓	✓	A	✓
90	20Q71A0597	Pilli Dileep Reddy	✓	✓	A	✓	✓	✓	A	✓	✓	✓
91	20Q71A0598	Ponnada Lokesh	✓	✓	✓	✓	A	✓	✓	✓	A	✓
92	20Q71A0599	Pothala Ramya	✓	✓	✓	✓	✓	A	✓	✓	A	✓
93	20Q71A05A0	Pydi Shalini	✓	A	A	✓	✓	✓	✓	✓	✓	✓
94	20Q71A05A1	Rayudu Mohith Phani Raj	✓	A	✓	✓	✓	✓	A	✓	✓	✓



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95	20Q71A05A2	Reddi Asha Shri	✓	A	✓	✓	✓	✓	A	✓	✓	✓	✓
96	20Q71A05A3	Sai Sumanth Reddy Neelapu	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
97	20Q71A05A4	Sankrana Ravi Teja	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	A
98	20Q71A05A5	Seela Gayathri	✓	A	✓	✓	✓	✓	A	✓	✓	✓	✓
99	20Q71A05A6	Swetha Sreee Pampana	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	A
100	20Q71A05A7	Thorlakonda Bhanu Sankar	✓	✓	✓	✓	A	✓	✓	A	✓	✓	✓
101	20Q71A05A8	Varre Uma Shankar Bhargav	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	A
102	20Q71A05A9	Yalla Jyoshnika	✓	✓	✓	✓	A	✓	✓	✓	✓	A	✓
103	20Q71A05B0	Yerraguntla Hema Latha	✓	✓	A	✓	✓	✓	A	✓	✓	✓	✓
104	20Q71A05B1	Adhikari Karthik	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
105	20Q71A05B2	Chiriki Naveen	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	A
106	20Q71A05B4	Ballanki Sai	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
107	20Q71A05B5	Bandi Saikumar	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	A
108	20Q71A05B6	Besetti Surendra	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
109	20Q71A05B7	Pinninti Sandeepnaidu	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
110	20Q71A05B8	Bodapati Abhishek Varma	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
111	20Q71A05B9	Tatta Madhu Prasanthi	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
112	20Q71A05C0	Bonam Surya Siva Rama Krishna	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	✓
113	20Q71A05C1	Borra Mounika	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓



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114	20Q71A05C2	Bugata Aswini	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
115	20Q71A05C3	Dasari Sravani	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
116	20Q71A05C4	Gorle Prasad	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
117	20Q71A05C5	Gorle Sneha	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
118	20Q71A05C6	Gudiya Kumari	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
119	20Q71A05C7	Gulipalli Hemalatha	✓	✓	✓	✓	✓	✓	✓	✓	✓	A
120	20Q71A05C9	Kalamata Shivaji	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
121	20Q71A05D0	Kalla Gowri Sankar	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
122	20Q71A05D1	Kandula Pramod Kumar	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
123	20Q71A05D2	Kanithi Tejasri	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
124	20Q71A05D4	Kasimkota Pavan Kumar	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
125	20Q71A05D5	Killari Bhargavi	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
126	20Q71A05D6	Kurakula Aswini	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
127	20Q71A05D8	Chamantula Pradeep Kumar	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
128	20Q71A05D9	Malireddy Mani Kumar	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
129	20Q71A05E0	Meruvu Likith	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
130	20Q71A05E1	Metta Mounika	✓	✓	✓	✓	✓	✓	✓	✓	✓	A
131	20Q71A05E2	Musidipalli Mohini	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
132	20Q71A05E3	Nalli Ganesh	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
133	20Q71A05E4	Narayanapuram Sivasai	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
134	20Q71A05E5	Pathipati Bhargav	✓	✓	✓	✓	✓	✓	A	✓	✓	✓



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135	20Q71A05E6	Podugu Padmateja	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
136	20Q71A05E7	Pothureddi Sandeep	✓	A	✓	✓	✓	✓	✓	✓	✓	A
137	20Q71A05E8	Potnuru Gayatri	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
138	20Q71A05E9	Reddem Meghana	✓	✓	A	✓	✓	✓	✓	✓	A	✓
139	20Q71A05F0	Retta Sankara Rao	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
140	20Q71A05F1	Routhu Surendrakumar	✓	✓	✓	A	✓	✓	✓	✓	✓	A
141	20Q71A05F2	Sanapathi Neelima	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
142	20Q71A05F3	Seera Perumal Babu	✓	✓	A	✓	✓	✓	✓	✓	✓	A
143	20Q71A05F4	Shaik Sumayya	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
144	20Q71A05F5	Shyam Venkat Arun Pillala	✓	A	✓	✓	✓	A	✓	✓	✓	✓
145	20Q71A05F6	Srivalli Chinthali	✓	✓	✓	A	✓	✓	✓	✓	A	✓
146	20Q71A05F7	Talada Umadevi	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
147	20Q71A05F8	Tamalapudi V V Satya Krishna Reddy	✓	✓	A	✓	✓	✓	✓	✓	✓	A
148	20Q71A05F9	Thyadi Sowmya	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
149	20Q71A05G0	Ungarala Sree Meghana	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
150	20Q71A05G1	Vadamodula Prakash	✓	✓	✓	✓	✓	✓	✓	✓	A	✓
151	20Q71A05G2	Yallampalli Sree Jyothi Swaroop	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
152	20Q71A05G4	Anumulada su Bhanu Prakash	✓	✓	✓	✓	✓	✓	✓	✓	✓	A
153	20Q71A05G5	Maddila Venkata Ramana	✓	✓	✓	✓	A	✓	✓	✓	✓	✓



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154	20Q71A05G6	Boddeda Thanuja	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
155	20Q71A05G7	Allamsetty Uday Kiran	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
156	20Q71A05G9	Bonela Sai Satwick	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
157	20Q71A05H0	Guddheti Sai	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
158	20Q71A05H1	Meda Uday Kiran Srinivas	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
159	20Q71A05H2	Molli Sai Ananth Gnana Pradeep	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
160	21Q75A0501	Anakapalli Balu	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
161	21Q75A0502	Bojja Yuva Sai Kiran	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
162	21Q75A0503	Busakala Kanaka Raju	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
163	21Q75A0504	Dokka Rajanikanth	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
164	21Q75A0506	Golagani Durga Prasad	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
165	21Q75A0507	Gudla Suryavasud eva Rao	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
166	21Q75A0508	Kanchuboin a Lavanya Kumar	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
167	21Q75A0509	Kandipalli Anusha	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
168	21Q75A0510	Kasarapu Shyam Sundhar	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
169	21Q75A0511	Kiran Kumar Kolli	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
170	21Q75A0512	Kodaundayki ran	✓	✓	✓	✓	✓	✓	✓	✓	✓	A
171	21Q75A0513	Kolluru Venkata Naga Sai Ganesh	✓	A	✓	✓	✓	✓	✓	✓	✓	✓



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172	21Q75A0515	Kothala Sai Venkata Durga	✓	✓	A	✓	✓	✓	✓	A	✓	✓
173	21Q75A0516	Manepalli Chandra	A	✓	✓	✓	✓	A	✓	✓	✓	✓
174	21Q75A0517	Molli Venkata Eswara Surya Vamsi	✓	✓	✓	A	✓	✓	A	✓	✓	✓
175	21Q75A0518	N Saikalyanredd Y	✓	A	✓	A	✓	✓	✓	✓	✓	A
176	21Q75A0519	Pandranki Lokesh	✓	✓	✓	A	✓	✓	✓	A	✓	✓
177	21Q75A0521	Pothala Naveen	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
178	21Q75A0522	Sambangi Rasappagari Harikrishna	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
179	21Q75A0523	Sambangi Rasappagari Srinivasa Rao	A	✓	✓	✓	✓	✓	✓	✓	A	✓
180	21Q75A0524	Thota Vijaya	✓	✓	✓	A	✓	✓	✓	✓	✓	A
181	21Q75A0525	Vanumu Gowtham Kumar	✓	A	✓	✓	✓	✓	✓	✓	A	✓
182	20Q71A4401	Abhiram Nalla	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
183	20Q71A4402	Allada Harshavardhan	✓	✓	✓	A	✓	✓	✓	✓	✓	A
184	20Q71A4403	Amarapini Sree Naga Geethika	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
185	20Q71A4404	Bada Sai Dinesh Kumar	✓	✓	✓	A	✓	✓	✓	✓	✓	A
186	20Q71A4406	Botcha Pradeep Kumar	A	✓	✓	✓	✓	A	✓	✓	✓	✓
187	20Q71A4407	Botcha Siva Sankar	✓	✓	✓	✓	A	✓	✓	✓	✓	A
188	20Q71A4408	Charakana Purushotham Naidu	✓	✓	A	✓	✓	✓	✓	A	✓	✓
189	20Q71A4409	Chaulapalli Sriharsha	✓	✓	✓	✓	A	✓	A	✓	✓	✓
190	20Q71A4410	Dharmavarapu Anudeep	✓	A	✓	✓	✓	A	✓	✓	✓	✓
191	20Q71A4411	Dharmavarapu Dinesh Kumar	✓	✓	A	✓	✓	✓	A	✓	✓	✓
192	20Q71A4412	Gedda Supriya	✓	✓	✓	A	✓	✓	✓	✓	✓	A
193	20Q71A4413	Ghising Padma Lama	A	✓	✓	✓	✓	A	✓	✓	✓	✓
194	20Q71A4414	Gulivindala Hymavathi	✓	✓	✓	✓	✓	A	✓	✓	✓	✓

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195	20Q71A4415	Kakaraparthi Naga Durga Kavya Sri	✓	A	✓	✓	✓	✓	✓	✓	✓	A	✓
196	20Q71A4416	Kasula Sai Lakshmi Shreya	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
197	20Q71A4417	Lodagala Teja	✓	✓	A	✓	✓	✓	✓	✓	✓	A	✓
198	20Q71A4418	Mahammad Haseena Begum	A	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
199	20Q71A4419	Majhi Saraswathi	✓	✓	✓	A	✓	✓	✓	✓	✓	A	✓
200	20Q71A4420	Migada Tulasi Prasad	✓	✓	✓	✓	A	✓	✓	✓	A	✓	✓
201	20Q71A4421	Muddada Jyothi Kiran	✓	✓	A	✓	✓	✓	A	✓	✓	✓	✓
202	20Q71A4422	Mudiya Kavya	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	A
203	20Q71A4423	Nagarampalli Govind	✓	✓	✓	✓	✓	A	✓	✓	A	✓	✓
204	20Q71A4424	Neerukonda Dhanalakshmi	✓	✓	✓	A	✓	✓	✓	✓	A	✓	✓
205	20Q71A4425	Patnana Vasavi	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	A
206	20Q71A4426	Prasanta Kumar Mohanty	A	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
207	20Q71A4427	Ratnala Manasa	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	A
208	20Q71A4428	Rusyasruna Himamsu	✓	A	✓	✓	✓	✓	✓	✓	A	✓	✓
209	20Q71A4429	Sahu Mahesh	✓	✓	✓	✓	A	✓	✓	A	✓	✓	✓
210	20Q71A4431	Sasapu Nymisha	✓	✓	A	✓	✓	✓	✓	✓	✓	A	✓
211	20Q71A4432	Seepana Geetha	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	A
212	20Q71A4433	Lavanya Seepana	A	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
213	20Q71A4434	Surisetty Gnana Radha Prasanna Ramalakshmi	✓	✓	✓	A	✓	✓	✓	✓	A	✓	✓
214	20Q71A4435	Seerapu Lavanya	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	A
215	20Q71A4436	Teketi Paul Timothy	✓	✓	✓	✓	A	✓	✓	✓	✓	A	✓
216	20Q71A4437	Tanuja Oleti	✓	A	✓	✓	✓	✓	✓	A	✓	✓	✓
217	20Q71A4438	Teki Rohith Kiran	✓	✓	✓	A	✓	✓	✓	✓	A	✓	✓
218	20Q71A4439	Thottempudi Avinash	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	A
219	20Q71A4440	Undabhatla Sowmya Sree	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	A
220	20Q71A4441	Vanam Gnana Venkata Yeshwanth	✓	✓	✓	✓	A	✓	✓	✓	✓	A	✓
221	20Q71A4442	Yadla Lahari	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	A
222	20Q71A4443	Balla Jaisheel	✓	✓	A	✓	✓	✓	✓	✓	A	✓	✓
223	20Q71A4445	Damalapati Harshitha	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	A
224	20Q71A4447	Ravva Deepika	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓

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225	20Q71A4449	Vanapalli Priyanka	A	✓	✓	✓	✓	A	✓	✓	✓	✓
226	20Q71A4450	Volla Deepika	✓	✓	✓	✓	A	✓	✓	✓	✓	A
227	20Q71A4451	Yedida Satya Surya Sai Hanuman	✓	✓	✓	A	✓	✓	✓	A	✓	✓
228	20Q71A4452	Katajuri Bhuvana Sai Sri	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
229	21Q75A4401	Pethakamsetty Anilkumar	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
230	21Q75A4402	M Sai Teja	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
231	21Q75A4403	Konna Ravi Teja	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
232	21Q75A4404	G J K A Eswar	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
233	21Q75A4405	Chintham Saikumar	✓	✓	A	✓	✓	✓	✓	A	✓	✓
234	20Q71A4201	Akula Venugopal	✓	✓	✓	✓	A	✓	✓	✓	✓	A
235	20Q71A4202	Animelli Swarna Mythili	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
236	20Q71A4203	Bachu Laxmi Narasimha Satya Abhishek	✓	✓	✓	A	✓	✓	✓	✓	A	✓
237	20Q71A4205	Bathula Sirisha Kalyani	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
238	20Q71A4206	Bonangi Lakshmi Narayana	A	✓	✓	✓	✓	A	✓	✓	✓	A
239	20Q71A4207	Chitra Leela Krishna Sastha	A	✓	✓	✓	✓	✓	✓	A	✓	✓
240	20Q71A4208	Dasumahanthi Maitreya Patnaik	✓	✓	✓	✓	A	✓	✓	✓	✓	A
241	20Q71A4210	Doki Pranathi	A	✓	✓	✓	✓	✓	✓	✓	A	✓
242	20Q71A4210	Doki Pranathi	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
243	20Q71A4211	Elapakurthy Revanth	✓	✓	A	✓	✓	✓	✓	A	✓	✓
244	20Q71A4212	Gembali Jayaram Gupta	✓	✓	✓	A	✓	✓	A	✓	✓	✓
245	20Q71A4213	Gorle Hemanjali	✓	A	✓	✓	✓	✓	✓	✓	A	✓
246	20Q71A4214	Gunda Ravindra	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
247	20Q71A4215	Gunduboyina Greeshma Siri	A	✓	✓	✓	✓	✓	✓	✓	A	✓
248	20Q71A4216	Gurajapu Sreemanikanta	✓	✓	✓	✓	A	✓	✓	A	✓	✓
249	20Q71A4217	Inti Varshini	✓	A	✓	✓	✓	✓	✓	✓	✓	A
250	20Q71A4218	Jajimoggala Navya Teja	✓	✓	✓	✓	A	✓	✓	A	✓	✓
251	20Q71A4219	Javanthi Seera	✓	A	✓	✓	A	✓	✓	✓	✓	✓

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252	20Q71A4220	Kakarla Nandini	✓	✓	A	✓	✓	✓	✓	✓	A	✓	✓
253	20Q71A4221	Kalla Jyothish	A	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
254	20Q71A4222	Kamsu Chandu Sai	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
255	20Q71A4223	Kappala Uma Maheswari	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	A
256	20Q71A4224	Kedarisetty Sumanth	A	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
257	20Q71A4225	Kinthada Swarnalatha	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
258	20Q71A4226	Kommalapati Durga Sai	✓	A	✓	✓	✓	✓	✓	A	✓	✓	✓
259	20Q71A4227	Lakkakula Pavan Sai Kumar	✓	A	✓	✓	✓	✓	A	✓	✓	✓	✓
260	20Q71A4228	Mohammad Farheen	A	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
261	20Q71A4229	Palo Radha Vinodh	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	A
262	20Q71A4230	Pamu Sridevi	A	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
263	20Q71A4231	Pedapudi Sanjay Kumar	✓	✓	A	✓	✓	✓	✓	A	✓	✓	✓
264	20Q71A4232	Polavarapu Dinesh Kumar	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	A
265	20Q71A4233	Potnuru Rakesh	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	A
266	20Q71A4234	Pukkalla Viratbabu	A	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
267	20Q71A4235	Seethanu Raju	✓	✓	✓	✓	A	✓	✓	✓	A	✓	✓
268	20Q71A4237	Soorapu Sekhar	✓	A	✓	✓	✓	✓	A	✓	✓	✓	✓
269	20Q71A4239	Telukula Bharat	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	A
270	20Q71A4240	Vulli Surya Charan	✓	✓	A	✓	✓	✓	✓	✓	A	✓	✓
271	20Q71A4241	Yandra Satya Priyanka	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	A
272	20Q71A4242	Yardhala Veera Siva Sundeep	✓	A	✓	✓	✓	✓	✓	✓	✓	A	✓
273	20Q71A4243	Yellai Likhita	✓	✓	✓	✓	A	✓	✓	A	✓	✓	✓
274	20Q71A4244	Yenuguthala Mounika	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	A
275	20Q71A4245	Yerra Tejaswini	✓	A	✓	✓	✓	✓	✓	A	✓	✓	✓
276	20Q71A4246	Dontala Uday Kumar	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	A
277	20Q71A4247	D Eswari Indu	✓	A	✓	✓	✓	✓	✓	A	✓	✓	✓

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278	20Q71A4248	Gandreti Kishore	✓	✓	✓	✓	A	✓	✓	✓	✓	A
279	20Q71A4249	Goriparthi Sai Harshavardhan	A	✓	✓	✓	✓	✓	A	✓	✓	✓
280	20Q71A4250	Jannila Harshavardhan Ram Kumar	✓	✓	A	✓	✓	✓	✓	A	✓	✓
281	20Q71A4252	Lukalapu Akhilandeswari	✓	✓	✓	✓	A	✓	✓	✓	✓	A
282	20Q71A4253	Maddi Dinesh	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
283	20Q71A4254	Maddula Vishnu Jyothika	✓	✓	✓	A	✓	✓	A	✓	✓	✓
284	20Q71A4255	Munakala Radha	A	✓	✓	✓	✓	✓	✓	✓	✓	A
285	20Q71A4257	Reddi Chanikya Sairam	✓	✓	✓	A	✓	✓	✓	✓	A	✓
286	20Q71A4258	Tankala Bhaskaraditya	✓	A	✓	✓	✓	✓	A	✓	✓	✓
287	20Q71A4259	D Sravani	✓	✓	✓	✓	A	✓	✓	✓	✓	A
288	21Q75A4201	B.Lokesh	✓	✓	A	✓	✓	✓	✓	A	✓	✓
289	21Q75A4202	E Kurma Rao	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
290	21Q75A4204	I Dileep	✓	A	✓	✓	✓	✓	✓	A	✓	A
291	21Q75A4205	M Yuvaraju	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
292	21Q75A4206	N Vamsi	✓	A	✓	✓	✓	A	✓	✓	✓	✓
293	21Q75A4207	K Raj Kumar	✓	✓	✓	A	✓	✓	✓	✓	A	✓

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Group Discussions

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Report on Group discussion on “Distributed Systems”

Timings: 2:20 pm to 3:10pm

B.Tech Year/Semester: IV/II

Subject Name: Distributed Systems

Date: 25/05/2022

CSE Department conducted a group discussion on " Distributed Systems " for IV year students. 78 members have participated in the event. This program was organized by the concern faculty Podugu.Ravi kumar , Prof/department of Computer Science Engineering.

The total strength was divided into 8 groups. The event was started with an introduction given by the concern faculty as the term " **Distributed Systems** " refers to the what do you understand by the term, the Distributed Systems.

Also known as distributed computing and distributed databases, a distributed system is a collection of independent components located on different machines that share messages with each other in order to achieve common goals.

As such, the distributed system will appear as if it is one interface or computer to the end-user. The hope is that together, the system can maximize resources and information while preventing failures, as if one system fails, it won't affect the availability of the service.

Today, data is more distributed than ever, and modern applications no longer run in isolation. The vast majority of products and applications rely on distributed systems.

During the session all the students were actively involved and gained knowledge about the above said topic. Marks were awarded out of 10 by the concern faculty and the best team was selected as the winner. This was done to motivate the students and make ready for the next challenge.



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Report on Group discussion on "Distributed Systems "

Timings: 2:20 pm to 3:10pm

B.Tech Year/Semester: IV/I

Subject Name: Distributed Systems

Date: 25/05/2022

S.No	Pin No	Group	Marks
1	18Q71A0507	A	9
2	18Q71A0508	A	8
3	18Q71A0509	A	9
4	18Q71A0510	A	9
5	18Q71A0511	A	9
6	18Q71A0512	A	8
7	18Q71A0513	A	9
8	18Q71A0514	A	9
9	18Q71A0516	A	8
10	18Q71A0507	A	8

S.No	Pin No	Group	Marks
1	18Q71A0517	B	9
2	18Q71A0518	B	8
3	18Q71A0519	B	8
4	18Q71A0520	B	9
5	18Q71A0521	B	9
6	18Q71A0522	B	8
7	18Q71A0523	B	9
8	18Q71A0524	B	9
9	18Q71A0525	B	9
10	18Q71A0526	B	8

S.No	Pin No	Group	Marks
1	18Q71A0527	C	8
2	18Q71A0528	C	8
3	18Q71A0530	C	9
4	18Q71A0531	C	9
5	18Q71A0532	C	8
6	18Q71A0533	C	9
7	18Q71A0534	C	8
8	18Q71A0535	C	9
9	18Q71A0536	C	9
10	18Q71A0527	C	9



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S.No	Pin No	Group	Marks
1	18Q71A0537	D	9
2	18Q71A0539	D	9
3	18Q71A0540	D	8
4	18Q71A0541	D	8
5	18Q71A0542	D	8
6	18Q71A0543	D	9
7	18Q71A0544	D	9
8	18Q71A0545	D	9
9	18Q71A0546	D	9
10	18Q71A0537	D	9

S.No	Pin No	Group	Marks
1	18Q71A0548	E	9
2	18Q71A0549	E	9
3	18Q71A0551	E	9
4	18Q71A0552	E	8
5	18Q71A0553	E	8
6	18Q71A0554	E	9
7	18Q71A0555	E	9
8	18Q71A0556	E	9
9	18Q71A0557	E	8
10	18Q71A0548	E	8
11	18Q71A0549	E	8

S.No	Pin No	Group	Marks
1	18Q71A0558	F	9
2	18Q71A0559	F	8
3	18Q71A0560	F	9
4	18Q71A0561	F	9
5	18Q71A0562	F	8
6	18Q71A0563	F	8
7	18Q71A0564	F	9
8	18Q71A0565	F	8
9	18Q71A0566	F	9
10	18Q71A0567	F	9



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S.No	Pin No	Group	Marks
1	18Q71A0568	G	9
2	18Q71A0569	G	8
3	18Q71A0570	G	9
4	18Q71A0571	G	8
5	18Q71A0572	G	9
6	18Q71A0574	G	9
7	18Q71A0575	G	8
8	18Q71A0576	G	8
9	18Q71A0577	G	9
10	18Q71A0568	G	9

S.No	Pin No	Group	Marks
1	18Q71A0579	H	9
2	18Q71A0580	H	9
3	18Q71A0581	H	9
4	18Q71A0582	H	8
5	18Q71A0583	H	8
6	18Q71A0584	H	8
7	18Q71A0585	H	9
8	18Q71A0586	H	9
9	18Q71A0587	H	9
10	18Q71A0588	H	9

S.No	Pin No	Group	Marks
1	18Q71A0590	I	9
2	18Q71A0591	I	9
3	18Q71A0592	I	9
4	18Q71A0593	I	8
5	18Q71A0596	I	8
6	18Q71A0598	I	9
7	18Q71A05A0	I	9
8	18Q71A05A1	I	8
9	18Q71A05A3	I	8
10	18Q71A05A4	I	8



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S.No	Pin No	Group	Marks
1	18Q71A05A5	J	10
2	18Q71A05A7	J	10
3	19Q75A0501	J	10
4	19Q75A0502	J	10
5	19Q75A0503	J	10
6	19Q75A0504	J	10
7	19Q75A0505	J	10
8	19Q75A0506	J	10
9	18Q71A0503	J	10
10	18Q71A0504	J	10

Result: After the analysis of student's performance in group discussion, the winner was announced by HOD: Group J.


HOD-CSE

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Professional Society Activities (ISTE)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year: 2021-22

Seminar/Webinar/training program/Workshops organized by Professional Chapter:

S No	Date of Event	Name of the event	Name of the person conducted	Number of students participated
1	06-11-2021	Guest lecture on Database Management Systems	K Purushottam Naidu, Gvp Woman's	191
2	11-11-2021	Guest lecture on Operating Systems	Rekha Sundari, IT HOD	191
3	17-12-2021	Guest lecture on Design and Analysis of Algorithms	A. Vasudevrao, Diet	190
4	06-01-2022	Guest lecture on Artificial Intelligence	Kishore, Anits	98
5	25-01-2022	Guest lecture on Machine Learning	P Satish, Mvgr	98
6	14-02-2022	Guest lecture on Introduction to Artificial Intelligence & Machine Learning	Sivaranjani, Anits	60
7	12-03-2022	Guest lecture on Formal Language and Automata Theory	Hari, Krishna College	52



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Timings: 2:20 pm to 3:10pm

B.Tech Year/Semester: IV/II

Activity Report

Name of the Event	Guest Lecture on "MACHINE LEARNING"
Date of the Event	25/1/2022
Coordinator(s)	Mrs.A.Vasudeva Rao, CSE
Convenor	Dr.G. Satyanarayana
Resource Persons	P Satish, MVGR
Organizing Dept./Support system	Avanathi Institute Of Engineering and Technology
No. of Beneficiaries	98
Description	<p>The speaker for guest lecture has been warm welcomed to the session on behalf of Avanathi Institute Of Engineering and Technology, Chairman, Director, Principal, Head of the Department and students. The Head of the Department has given a brief introduction about the speaker achievements and experience and Principal Sir too welcomed him for the session on behalf of the college. The speaker took over the session and delivered a lecture on Latest Trends in MACHINE LEARNING & MNC Job Opportunities. Machine learning is a branch of artificial intelligence (AI) and computer science which focuses on the use of data and algorithms to imitate the way that humans learn, gradually improving its accuracy. Totally 98 At one point, facial recognition was only a concept shown in movies. But machine learning has made it possible and now many are using this feature for your benefit. For instance, Facebook automatically recognizes the people in a photo and tags them for you, saving a lot of time. Without machine learning, Siri, Cortana, or Iris would not be able to answer your questions. This report presents the results of our seminar on " MACHINE LEARNING "</p>



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Timings: 2:20 pm to 3:10pm

B.Tech Year/Semester: II/II

Activity Report

Name of the Event	Guest lecture on Database Management System
Date of the Event	06/11/2021
Coordinator(s)	B.Madhusudhana Rao, CSE
Convener	Dr.G. Satyanarayana
Resource Persons	K Purushottam Naidu, GVP Woman's
Organizing Dept./Support system	Avanthi Institute Of Engineering And Technology
No. of Beneficiaries	191
Description	<p>The speaker for guest lecture has been warm welcomed to the session on behalf of Avanthi Institute Of Engineering and Technology, Director, Principal, Head of the Department and students. The Head of the Department has given a brief introduction about the speaker achievements and Principal too welcomed him for the session on behalf of the college. The speaker took over the session and delivered a lecture on Database Management System. Totally 191 members participated in this seminar. Those who are looking for core jobs in for COMPUTER SCIENCE. They discuss A database management system (or DBMS) is essentially nothing more than a computerized data-keeping system. Users of the system are given facilities to perform several kinds of operations on such a system for either manipulation of the data in the database or the management of the database structure itself. The five major components of a database are hardware, software, data, procedure, and database access language.</p>



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Timings: 2:20 pm to 3:10pm

B.Tech. Year/Semester: III/II

Activity Report

Name of the Event	Guest Lecture on " Design and Analysis of Algorithm "
Date of the Event/ Time	06/11/2021
Coordinator(s)	S.Kesava Rao, CSE
Convener	Dr.G. Satyanarayana
Resource Persons	A.Vasudevrao, DIET
Organizing Dept./Support system	Avanathi Institute of Engineering And Technology
No. of Beneficiaries	190
Description	<p>Department has conducted seminar on, " Design and Analysis of Algorithm "to enhance and upgrade the student's knowledge and skills. This program was organized by Mr. S.Kesava Rao, Coordinator of this event CSE. Resource Person introduced about Applications, about industrial point of view and future scope. DAA refers to the design and analysis of algorithms. It helps you in analyzing the solution before coding. You can find out the space and time complexity through the documentation and algorithms. Algorithms and Designs give a clear picture of the code you will write to solve the problem.</p> <p>Why Study Design and Analysis of Algorithm? Design and Analysis of Algorithm help to design the algorithms for solving different types of problems in Computer Science. It also helps to design and analyze the logic on how the program will work before developing the actual code for a program.</p> <p>Design and Analysis of Algorithm help to design the algorithms for solving different types of problems in Computer Science.</p> <p>Characteristics of an algorithm:- Must take an input. Must give some output (yes/no, value etc.) Definiteness –each instruction is clear and unambiguous. Finiteness –algorithm terminates after a finite number of steps. Effectiveness –every instruction must be basic i.e. simple instruction</p>



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Timings: 2:20 pm to 3:10pm

B.Tech. Year/Semester: II/I

Activity Report

Name of the Event	Guest lecture on Operating System "
Date of the Event/ Time	11/11/2021
Coordinator(s)	Mr.Vasantha Murali Krishna, CSE
Convener	Dr.G. Satyanarayana
Resource Persons	Rekha Sundari,IT Hod
Organizing Dept./Support system	Avanathi Institute Of Engineering And Technology
No. of Beneficiaries	191
Description	<p>The speaker for guest lecture has warm welcomed to the session on behalf of Avanathi Institute Of Engineering and Technology, Chairman, Director, Principal, Head of the Department and students. The Head of the Department has given a brief introduction about the speaker achievements and experience and Principal Madam too welcomed him for the session on behalf of the college. The speaker took over the session and delivered a lecture on OPERATING SYSTEMS. The aim of a business operating system is to unify teams, clarify communication and promote a shared mission. This effort can lead to a more harmonious work environment that retains good employees and rewards them for their hard work, which will bring new development opportunities to the entire industry. This seminar was very fruitful and satisfactory to participant's enthusiasm. The targeted audiences were B.Tech students and CSE faculty members. Total 191 participants. Last 5 minutes were given for Q&A session and few questions were raised by the students which were answered by the speaker. Mr. Vasantha Murali Krishna, Assistant professor of COMPUTER SCIENCE Engineering department, ended the program by delivering vote of thanks.</p>



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Timings: 2:20 pm to 3:10pm

B.Tech. Year/Semester: III/I

Activity Report

Name of the Event	Workshop on ARTIFICIAL INTELIGENCE
Date of the Event/ Time	06/01/2022
Coordinator(s)	Mr.Surendra Kumar Chowdary, CSE
Convenor	Dr.G. Satyanarayana
Resource Persons	Kishore, Anits
Organizing Dept./Support system	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
No. of Beneficiaries	98
Description	<p>The speaker for guest lecture has warm welcomed to the session on behalf of Avanthi Institute Of Engineering and Technology, Chairman, Director, Principal, Head of the Department and students. The Head of the Department has given a brief introduction about the speaker achievements and experience and Principal Madam too welcomed him for the session on behalf of the college. The speaker took over the session and delivered a lecture on ARTIFICIAL INTELIGENCE. He explains Artificial Intelligence: A Modern Approach ,becoming one of the leading textbooks in the study of AI. In it, they delve into four potential goals or definitions of AI, which differentiates computer systems on the basis of rationality and thinking vs. acting.</p> <p>At its simplest form, artificial intelligence is a field, which combines computer science and robust datasets, to enable problem-solving. It also encompasses sub-fields of machine learning and deep learning, which are frequently mentioned in conjunction with artificial intelligence. These disciplines are comprised of AI algorithms which seek to create expert systems which make predictions or classifications based on input data.</p> <p>conversations emerge around the ethics of AI, we can begin to see the initial glimpses of the trough of disillusionment.</p>



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MOOCS

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Participated Students List

S.No	Roll No.	Name of the Student	Course Name	Duration
1	19Q71A0576	Kolli Yamini	Cloud Computing	Jan-Apr 2022
2	19Q71A0536	Chandu Charan Teja	Cloud Computing	Jan-Apr 2022
3	19Q71A05D8	Mahesh Polavarapu	Cloud Computing	Jan-Apr 2022
4	19Q71A05D7	Pitta Pooja	Cloud Computing	Jan-Apr 2022
5	19Q71A05E9	Revivalin Jaison	The Joy Of Computing Using Python	Jan-Apr 2022
6	19Q71A0512	Manohar Badana	Cloud Computing	Jan-Apr 2022
7	19Q71A0543	Dasari Yerni Kumar	Cloud Computing	Jan-Apr 2022
8	19Q71A0503	Abhishek Daniel Mangalagiri	Cloud Computing	Jan-Apr 2022
9	19Q71A0524	Boni Aravind	Cloud Computing	Jan-Apr 2022
10	19Q71A05B4	Nallani Preethi	Introduction To Machine Learning	Jan-Apr 2022
11	19Q71A05A3	Metta Saikiran	Introduction To Machine Learning	Jan-Apr 2022
12	19Q71A05B5	Nambari Venkata Devaki	Introduction To Machine Learning	Jan-Apr 2022
13	19Q71A05A5	Molli Hari Krishna	Introduction To Machine Learning	Jan-Apr 2022
14	19Q71A0585	Lagudu Geetha Sri Harika	Cloud Computing	Jan-Apr 2022
15	19Q71A05A6	Janhavi Mongam	Cloud Computing	Jan-Apr 2022
16	19Q71A0540	Dadi Niharika	Cloud Computing	Jan-Apr 2022
17	19Q71A0518	Behara Poojitha	Cloud Computing	Jan-Apr 2022
18	19Q71A0579	Korada Ganesh	Data Analytics With Python	Jan-Apr 2022
19	19Q71A0593	Majji Rajababu	Data Analytics With Python	Jan-Apr 2022
20	19Q71A0578	Komineni Bhavika	Cloud Computing	Jan-Apr 2022
21	19Q71A0590	M V K Sai Sreeja	Cloud Computing	Jan-Apr 2022
22	19Q71A05C5	Jahnvi Palavalasa	Cloud Computing	Jan-Apr 2022
23	19Q71A0594	Mandala Surya Yadav	The Joy Of Computing Using Python	Jan-Apr 2022
24	19Q71A0570	Karri Vamsi	Cloud Computing	Jan-Apr 2022
25	19Q71A05C2	Nowduri Sai Sandhya Rani	Cloud Computing	Jan-Apr 2022
26	19Q71A0589	Lenka Ganesh Kumar	The Joy Of Computing Using Python	Jan-Apr 2022
27	19Q71A05E0	Potnuru Venu Gopal	Cloud Computing	Jan-Apr 2022



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28	19Q71A05E1	Puppala Varsha	The Joy Of Computing Using Python	Jan-Apr 2022
29	19Q71A0573	Kilaparathi Anil Kumar	Data Analytics With Python	Jan-Apr 2022
30	19Q71A0556	Grandhi Swathi	Cloud Computing	Jan-Apr 2022
31	19Q71A05H2	Thentu Sai Ramesh	Cloud Computing	Jan-Apr 2022
32	20Q75A0501	Penumatsa Avs Satya Narayana Raju	Cloud Computing	Jan-Apr 2022
33	19Q71A0565	Kadam Pramodh	Cloud Computing	Jan-Apr 2022
34	19Q71A05I9	Nandini Sai Yellapu	Cloud Computing	Jan-Apr 2022
35	19Q71A0544	Srikar Dasireddi	Introduction To Machine Learning	Jan-Apr 2022
36	19Q71A0528	Cheepurupalli Manikanta	Cloud Computing	Jan-Apr 2022
37	19Q71A05H5	Vana Ravi Chandra	Ethical Hacking	Jan-Apr 2022
38	19Q71A05H4	Vaddi Sai	Ethical Hacking	Jan-Apr 2022
39	19Q71A05D9	Ponugoti Murali Krishna	Introduction To Internet Things	Jan-Apr 2022
40	19Q71A05A7	M Naga Chandana	Cloud Computing	Jan-Apr 2022
41	19Q71A05B7	Narem Hyndavi	Cloud Computing	Jan-Apr 2022
42	19Q71A05C4	Palakollu Tulasi	Cloud Computing	Jan-Apr 2022
43	19Q71A05A1	Maturu Hema Latha	Cloud Computing	Jan-Apr 2022
44	19Q71A05D0	Pattapagalu Manaswini	Cloud Computing	Jan-Apr 2022
45	19Q71A05A8	Mukala Anusha	Cloud Computing	Jan-Apr 2022
46	19Q71A05C1	Nirujogi Venkata Sai Pavan	Introduction To Internet Things	Jan-Apr 2022
47	19Q71A05F5	Rugada Harika	Cloud Computing	Jan-Apr 2022
48	19Q71A0525	Sanghavi Botcha	Cloud Computing	Jan-Apr 2022
49	19Q71A05F4	Rowthu Karuna	Cloud Computing	Jan-Apr 2022
50	19Q71A05G3	Aishwarya	Cloud Computing	Jan-Apr 2022
51	19Q71A05I2	Viswanath Vamsi Charan	Programming In Java	Jan-Apr 2022
52	19Q71A05I0	Velaga Lalitha Devi	Programming In Java	Jan-Apr 2022
53	19Q71A0502	Aavu Uday Kiran	Cloud Computing	Jan-Apr 2022
54	19Q71A05H9	Bhuvana Vasupilli	Blockchain And Its Applications	Jan-Apr 2022
55	19Q71A0560	Hari Venkatesh	Cloud Computing	Jan-Apr 2022
56	20Q75A0504	Sonayala Sravani	Cloud Computing	Jan-Apr 2022
57	19Q71A0580	Korada Venkata Abyas	Cloud Computing	Jan-Apr 2022
58	19Q71A05E2	P Raghuveer Rohit	Blockchain And Its Applications	Jan-Apr 2022
59	19Q71A0596	Manga Rohith Kumar	Data Analytics With Python	Jan-Apr 2022



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Sample Certificates

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS20534420533

To
 KOLLI YAMINI
 H-NO:1B-211,CHINAGADILI
 ANDHRA PRADESH - 530040
 PH. NO :9542260117

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

KOLLI YAMINI

for successfully completing the course

Cloud Computing

with a consolidated score of **62** %

Online Assignments	22.5/25	Proctored Exam	39.33/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: 4701

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakrabarty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL22CS20534420533 To validate and check scores: <https://npTEL.ac.in/noc>



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Roll No: NPTEL22CS20544420841

To
 CHANDU CHARAN TEJA
 NEAR OLD BUSSTOP, BHEEMUNIPATNAM
 ANDHRA PRADESH - 531163
 P.H. NO. 8186919036

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



Na. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
CHANDU CHARAN TEJA
for successfully completing the course

Cloud Computing

with a consolidated score of **68** %

Online Assignments	22.66/25	Proctored Exam	44.9/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **4701**


 Prof. Jayanta Mukhopadhyay
 Dean, Outreach
 IIT Kharagpur

Jan-Apr 2022
(12 week course)


 Prof. Debjani Chakraborty
 Coordinator, NPTEL
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS20544420841

To validate and check scores: <https://nptel.ac.in/noc>



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This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS20S34420078

To
 MAHESH POLAVARAPU
 D.NO-11-162,VIKALANGULA-COLONY
 ANDHRA PRADESH - 530048
 PH. NO :7386328003



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Comple
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the MoF, Govt. of India)



This certificate is awarded to

MAHESH POLAVARAPU

for successfully completing the course

Cloud Computing

with a consolidated score of **52** %

Online Assignments	21.88/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **4701**

Prof. Jayanta Mukhopadhyay
Dean, Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



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INDUSTRIAL VISIT

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

B.Tech Year/Semester: IV/II

ACTIVITY REPORT

Name of the Event	Industrial Visit NSTL
Date of the Event	22/4/2022
Coordinator(s)	Mr.N.Kiran Kumr EEE
Convenor	A.Arjuna Rao
Organizing Dept./Support system	Avanthi Institute Of Engineering and Technology
Description	<p>Naval Science & Technological Laboratory (NSTL) is a premier laboratory of Defence Research and Development Organisation (DRDO) that undertakes research and development of naval weapons and related systems (underwater mines, torpedoes, fire control systems, weapon launchers, targets, decoys).</p> <p>Research Areas: Engineering Sciences, Physical Sciences</p> <p>Ministries: Defence Research and Development Organisation (DRDO), Govt of India</p> <p>Contact Name: Dr Y Sreenivas Rao, Director</p> <p>Contact Address: Visakhapatnam</p> <p>Contact Phone: 0891-2586100</p> <p>Email: director@nstl.gov.in</p> <p>Fax: 0891-2559464</p> <p>State: Andhra Pradesh</p>



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Industrial Visit – NSTL on 22/4/2022



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SEMINARS

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Department of Computer Science Engineering has conducted seminar on each subject by student to enhance and upgrade the student's presentation skill. This activity will help the student publicly demonstrate their skills & Helps them to use their skill.

These seminars will enhance the knowledge of the students. For the improvement in the level of understanding and to develop insight in various subjects, seminars are organized for the learners in all academic years.

Year wise subject list for seminar:

Class:B.Tech II/I Year	
SL.NO	SUBJECT NAME
1	Electronic Devices and Circuits
2	Electrical Circuit Analysis –II
3	DC Machines and Transformers
4	Electro Magnetic Fields

Class:B.Tech III/IYear	
SL.NO	SUBJECT NAME
1	Power Systems-II
2	Power Electronics
3	Linear IC Applications
4	Digital Signal Processing

Class:B.Tech IV/I Year	
SL.NO	SUBJECT NAME
1	Utilization of Electrical Energy
2	Linear IC Applications
3	Power System Operation & Control
4	Switchgear and Protection



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Class:B.Tech II/II Year	
SL.NO	SUBJECT NAME
1	Digital Electronics
2	Power System-I
3	Induction and Synchronous Machines
4	Managerial Economics & Financial Analysis

Class:B.Tech III/II Year	
SL.NO	SUBJECT NAME
1	Electric Drives
2	Power System Analysis
3	Data Structures
4	Digital Control Systems

Class:B.Tech IV/II Year	
SL.NO	SUBJECT NAME
1	Digital Control Systems
2	HVDC Transmission
3	Electrical Distribution Systems
4	High Voltage Engineering



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SEMINARS

Class : II-B.Tech-II Sem

Academic Year: 2021-2022

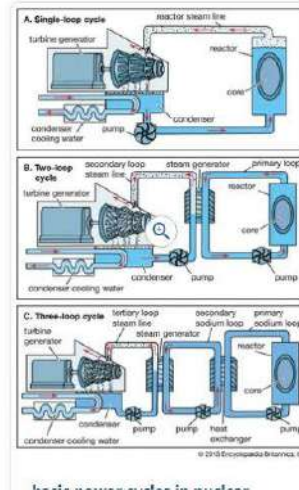
SEMINARS						
S.NO	DATE	ROLL NO	NAME	SUBJECT	SEMINAR TOPIC	FACULTY INCHARGE
1.	11-04-2022	20Q71A0201	Biddika Vijay Kumar	Power Systems-I	General Layout Of A Thermal Power Plant	N.V.N.Anusha
2.	12-04-2022	20Q71A0202	Bongu Vasudeva Naidu	Power Systems-I	Types Of Nuclear Reactors	N.V.N.Anusha
3.	13-04-2022	20Q71A0204	Chapa Naveen	Power Systems-I	Substations Layouts Of 33/11 Kv	N.V.N.Anusha
4.	16-04-2022	20Q71A0206	Chintapalli Sravallika	Power Systems-I	Types Of Cables, Construction,	N.V.N.Anusha
5.	18-04-2022	20Q71A0210	Gandreti Ajay Kumar	Induction and Synchronou s Machines	Production Of Rotating Magnetic Field	O.Gowri
6.	19-04-2022	20Q71A0212	Gorji Abhinash	Induction and Synchronou s Machines	Torque Slip Characteristic	O.Gowri
7.	20-04-2022	20Q71A0213	Gudivada Satyanaray ana	Induction and Synchronou s Machines	Methods Of Starting. AC Series Motors	O.Gowri
8.	22-04-2022	20Q71A0236	Thota Swetha	Digital Electronics	Conversion From One Radix To Another Radix	G.Roja
9.	25-052022	20Q71A0237	Vanjala Siva Krishna	Digital Electronics	De-Morgan Theorems	G.Roja
10.	26-05-2022	20Q71A0238	Vavilapalli Jyothi Swaroop	Digital Electronics	Design Of Encoder, Decoder, Multiplexer And Demultiplexers	G.Roja



Snapshot-1

Types of reactors

Most of the world's existing reactors are power reactors, providing the heat needed to turn turbines that run electric-power generators. There are also numerous research reactors, and some navies of the world have submarines or surface ships driven by propulsion reactors. There are several types of power reactors, but only one, the light-water reactor, is widely used. Accordingly, this variety is discussed in considerable detail here. Other significant types are briefly described, as are research and propulsion reactors. Some attention is also given to the prospective uses of reactors for space travel and for certain industrial purposes.



Tutorial Topics-TYPES OF REACTORS

Snapshot-2



Flat Cable



Flexible Cable



Armoured Cable

Tutorial Topics-TYPES OF CABLES



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Class: II-B.Tech.-II Sem

S.NO	REGD.NO.	NAME OF THE STUDENT	11-04-2022	12-04-2022	13-04-2022	16-04-2022	18-04-2022	19-04-2022	20-04-2022	22-04-2022	25-04-2022	26-04-2022
1	20Q71A0201	BIDDIKA VIJAY KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	20Q71A0202	BONGU VASUDEVA NAIDU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	20Q71A0204	CHAPA NAVEEN	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
4	20Q71A0206	CHINTAPALLI SRAVALLIKA	✓	A	✓	✓	✓	✓	✓	✓	A	✓
5	20Q71A0207	CHOKKAKUL A TARUN	✓	✓	✓	✓	A	✓	A	A	✓	✓
6	20Q71A0208	DASARI VAMSHI	✓	✓	✓	✓	✓	✓	✓	✓	A	A
7	20Q71A0209	DOKKARI RAVI	✓	✓	A	✓	✓	✓	✓	A	✓	✓
8	20Q71A0210	GANDRETI AJAY KUMAR	A	✓	✓	✓	✓	✓	✓	✓	A	A
9	20Q71A0212	GORJI ABHINASH	✓	✓	✓	✓	A	✓	✓	A	✓	✓
10	20Q71A0213	GUDIVADA SATYANARA YANA	✓	✓	A	✓	✓	A	A	✓	A	✓
11	20Q71A0214	GUMMADI TARUNKUMAR	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
12	20Q71A0215	GUNTREDDI LAKSHMANA RAO	A	✓	✓	✓	✓	✓	✓	A	✓	✓
13	20Q71A0217	ILLIPILLI SAI RAM	✓	A	✓	✓	✓	✓	✓	✓	A	✓
14	20Q71A0218	JAGARAPU DHANUNJAYA	A	✓	✓	A	✓	A	A	✓	✓	A
15	20Q71A0219	JEERU LAKSHMIPRA SANNA	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	20Q71A0220	KARANAM PRAVEEN KUMAR	✓	A	✓	A	✓	✓	A	✓	A	✓
17	20Q71A0221	KOMMOJU DEVI VARA PRASAD	✓	✓	A	✓	A	✓	✓	A	✓	A
18	20Q71A0223	KORADA SNEHA	✓	✓	A	✓	✓	A	A	✓	A	✓



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19	20Q71A0225	LANDA RAJESWARI	✓	✓	✓	✓	✓	✓	A	✓	✓	A
20	20Q71A0227	MADDI SNEHITHA	✓	✓	✓	✓	A	✓	✓	A	✓	✓
21	20Q71A0228	MENTI LAKSHMANA RAO	A	✓	✓	✓	✓	✓	✓	✓	A	✓
22	20Q71A0229	POLNATI MANISHA	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
23	20Q71A0230	POTNURU SAI PAVAN	✓	✓	✓	✓	A	A	✓	✓	✓	✓
24	20Q71A0231	VADLAMUDI NANDINI	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
25	20Q71A0232	RATNALA MOHAN	A	✓	✓	✓	✓	✓	✓	A	✓	✓
26	20Q71A0233	SARIKA NEELIMA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
27	20Q71A0234	SURAVARAPU DURGA PRASAD	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
28	20Q71A0235	TENNETI RAGAVENDR A	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
29	20Q71A0236	THOTA SWETHA	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
30	20Q71A0237	VANJALA SIVA KRISHNA	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
31	20Q71A0238	VAVILAPALLI JYOTHI SWAROOP	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
32	20Q71A0239	YENNINTI GOVARDHAN	A	✓	✓	✓	✓	✓	A	✓	✓	✓
33	21Q75A0202	BODDETI AKASH	✓	✓	✓	A	✓	✓	✓	✓	✓	A
34	21Q75A0203	BOJJA NITHIN SATYA KIRAN	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
35	21Q75A0204	GAVVA SUNIL GOPI	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
36	21Q75A0206	GORLI BALAJI	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
37	21Q75A0207	KARRI ABHIRAM	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
38	21Q75A0209	MAJJI BALA MURALI KRISHNA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
39	21Q75A0210	MALLA ASLESHA KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
40	21Q75A0211	MOHAMMAD SHABNAM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
41	21Q75A0212	PAIDI CHARANKUM AR	A	✓	A	✓	✓	✓	✓	✓	✓	✓



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42	21Q75A0213	PALA GNANESWAR ROSHAN	✓		✓	A	✓	✓	A	✓	✓	✓
43	21Q75A0216	SAMMANGI SRAVANI	✓	✓	A	✓	✓	✓	✓	A	✓	✓
44	21Q75A0217	SREEDHARAL A NIKHILESH KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
45	21Q75A0219	T VENKATA SATYA PRAKASH	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
46	21Q75A0220	VAJRAPU PAVANI	✓	✓	✓	✓	A	✓	A	✓	✓	✓
47	21Q75A0221	YEDUVAKA YERNAIDU	✓	A	✓	A	✓	✓	✓	✓	✓	✓
48	21Q75A0222	BONI SATISH	A	✓		✓	A	✓	✓	✓	✓	✓


HOD-EEE

Head of The Department
Department of Electrical and Electronics Engineering
Avanathi Institute of Engg. & Tech.
Cherukupally (V), Chittivalasa (SAO)
Bhogapuram (M), Vizianagaram(Dist)-531163



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GROUP DISCUSSIONS

Report on Group discussion on "HVDC transmission"

Timings: 2:20 pm to 3:10pm

B.Tech Year/Semester: IV/II

Subject Name: HVDC transmission

Date: 25/05/2022

Subject code: R1642022

EEE. Department conducted a group discussion on "HVDC transmission" for IV year students. 78 members have participated in the event. This program was organized by the concern faculty V.Sudhakar Assistant Prof, department of Electrical and Electronics Engineering.

The total strength was divided into 8 groups. The event was started with an introduction given by the concern faculty as the term "HVDC transmission" refers to the do you understand by the term, the HVDC transmission.

Lower Transmission Losses: HVDC transmission requires only two conductors. Therefore the power loss in the DC line will be lesser compared to the AC line. Good voltage

Regulation: In DC lines, a voltage drop does not exist due to inductive reactance

During the session all the students were actively involved and gained knowledge about the above said topic. Marks were awarded out of 10 by the concern faculty and the best team was selected as the winner. This was done to motivate the students and make ready for the next challenge.



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Report on Group discussion on "HVDC Transmission"

Timings: 2:20 pm to 3:10pm

B.Tech Year/Semester: IV/II

Subject Name: HVDC Transmission

Date: 25/05/2022

S.NO	REGD. NO	GROUP	MARKS
1	17Q71A0202	A	9
2	18Q71A0201	A	8
3	18Q71A0202	A	9
4	18Q71A0203	A	9
5	18Q71A0204	A	9
6	18Q71A0205	A	8
7	18Q71A0206	A	9
8	18Q71A0207	A	9
9	18Q71A0208	A	8
10	18Q71A0209	A	8

S.NO	REGD. NO	GROUP	MARKS
1	18Q71A0210	B	9
2	18Q71A0211	B	8
3	18Q71A0212	B	8
4	18Q71A0213	B	9
5	18Q71A0214	B	9
6	18Q71A0215	B	8
7	18Q71A0216	B	9
8	18Q71A0217	B	9
9	18Q71A0218	B	9
10	18Q71A0220	B	8



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S.NO	REGD. NO	GROUP	MARKS
1	18Q71A0221	C	8
2	18Q71A0222	C	8
3	19Q75A0201	C	9
4	19Q75A0202	C	9
5	19Q75A0203	C	8
6	19Q75A0204	C	9
7	19Q75A0205	C	8
8	19Q75A0206	C	9
9	19Q75A0207	C	9
10	19Q75A0208	C	9

S.NO	REGD. NO	GROUP	MARKS
1	19Q75A0209	D	9
2	19Q75A0210	D	9
3	19Q75A0211	D	8
4	19Q75A0212	D	8
5	19Q75A0213	D	8
6	19Q75A0214	D	9
7	19Q75A0215	D	9
8	19Q75A0216	D	9
9	19Q75A0217	D	9
10	19Q75A0219	D	9

S.NO	REGD. NO	GROUP	MARKS
1	19Q75A0220	E	9
2	19Q75A0221	E	9
3	19Q75A0222	E	9
4	19Q75A0223	E	8
5	19Q75A0224	E	8
6	19Q75A0225	E	9
7	19Q75A0226	E	9
8	19Q75A0227	E	9
9	19Q75A0228	E	8
10	19Q75A0229	E	8



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S NO	REGD. NO	GROUP	MARKS
1	19Q75A0220	F	9
2	19Q75A0230	F	8
3	19Q75A0231	F	9
4	19Q75A0232	F	9
5	19Q75A0233	F	8
6	19Q75A0234	F	8
7	19Q75A0235	F	9
8	19Q75A0236	F	8
9	19Q75A0237	F	9

Result: After the analysis of student's performance in group discussion, the winner was announced by HOD: Group D.


HOD-EEE

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Department of Electrical and Electronics Engineering
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Seminars

DEPARTMENT OF CIVIL ENGINEERING

Department of Computer Science Engineering has conducted seminar on each subject by student to enhance and upgrade the student's presentation skill. This activity will help the student publicly demonstrate their skills & helps them to use their skill.

These seminars will enhance the knowledge of the students. For the improvement in the level of understanding and to develop insight in various subjects, seminars are organized for the learners in all academic years.

Year wise subject list for seminar:

Class: B. Tech III/I Year	
SI.NO	SUBJECT NAME
1	Structural Analysis
2	Concrete Technology
3	Water Resources Engineering - I
4	Environmental Engineering - II

Class: B. Tech IV/I Year	
SI.NO	SUBJECT NAME
1	Environmental Engineering - II
2	Water Resource Engineering - II
3	Geotechnical Engineering - II
4	Remote Sensing & GIS Applications

Class: B. Tech III/II Year	
SI.NO	SUBJECT NAME
1	Design & Drawing of Reinforced Concrete Structures
2	Water Resources Engineering – II
3	Geotechnical Engineering - I
4	Managerial Economics & Financial Analysis

Class: B. Tech IV/II Year	
SI.NO	SUBJECT NAME
1	Estimation Specification & Contracts
2	Construction Technology & Management
3	Prestressed Concrete



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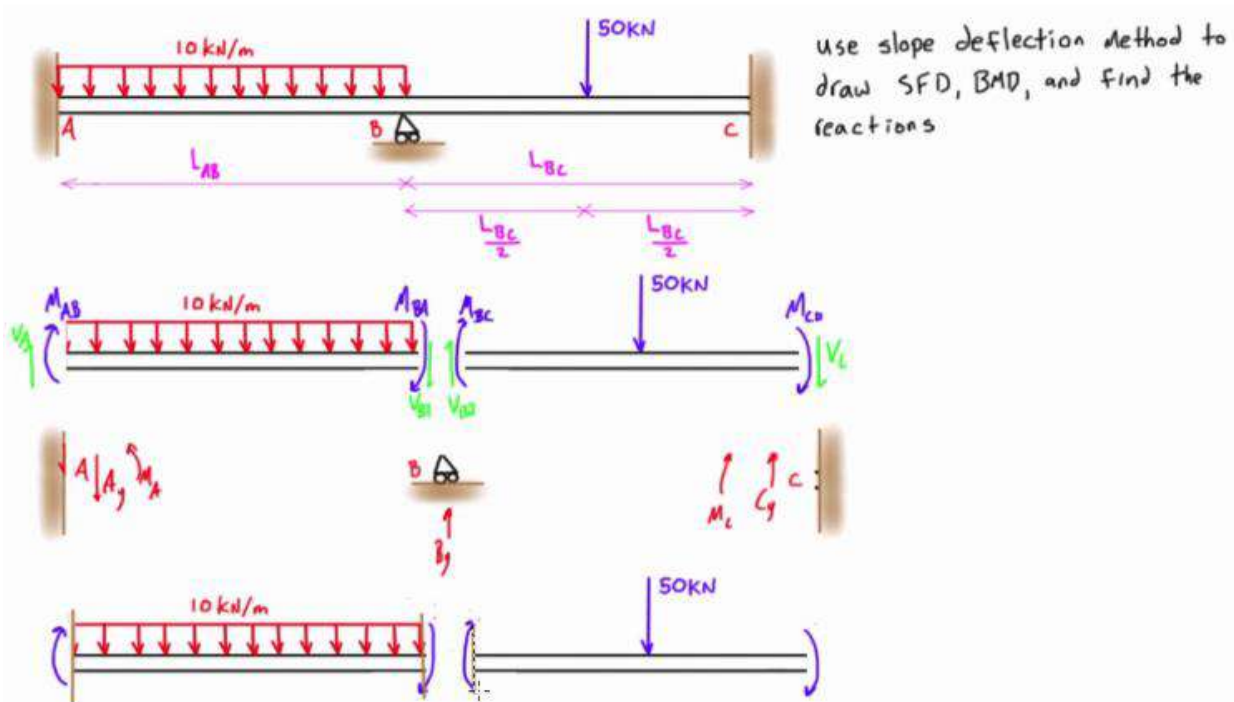
SEMINAR GIVEN BY STUDENTS

Class: III-B. Tech -II Sem

SEMINAR GIVEN BY THE STUDENT						
S.NO	DATE	ROLL NO	NAME	SUBJECT	SEMINAR TOPIC	FACULTY INCHARGE
1.	11-04-2022	19Q71A0101	Ch. Saraswathi	Structural Analysis	Slope-Deflection Method	I. Santosh Kumar
2.	12-04-2022	19Q71A0102	Chandana Pandi	Concrete Technology	Mix Design and Fresh Concrete	T. Prasanthi
3.	13-04-2022	19Q71A0104	G. Mithun Krishnan	Water Resources Engineering - I	Abstractions from Precipitation, Evapotranspiration	T. Harish
4.	16-04-2022	19Q71A0109	M. Guna Shekhar	Environmental Engineering - II	Sewer appurtenances	R. Rohith
5.	18-04-2022	19Q71A0110	O. Pavan Kumar	Design & Drawing of Reinforced Concrete Structures	Design of singly reinforced beams	P. Pallavi
6.	19-04-2022	19Q71A0111	P. Lokesh	Water Resources Engineering – II	Diversion Head Works	G. Anand
7.	20-04-2022	19Q71A0115	V. Anusha	Geotechnical Engineering - I	Stress Distribution In Soils	I. Santosh Kumar
8.	22-04-2022	20Q75A101	B. Vijay Kumar	Water Resources Engineering - I	Hydrograph analysis	T. Prasanthi
9.	25-05-2022	20Q75A102	S. Ramya Sri	Environmental Engineering - II	Treatment of Sewage: Primary treatment	T. Harish
10.	26-05-2022	20Q75A103	M. Rakesh Kumar Reddy	Structural Analysis	Moving Loads and Influence Lines	R. Rohith



Snapshot-1



Ch. Saraswathi giving by a seminar on Structural Analysis

Snapshot-2

Introduction

- Hydrology is the science which deals with the occurrence, distribution and movement of water on the earth, including that in the atmosphere and below the surface of the earth.

B. Vijay Kumar giving by a seminar on Water Resources Engineering - I



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Class: III-B. Tech-II Sem

SL.NO	REGD.NO	NAME OF THE STUDENT	11-04-2022	12-04-2022	13-04-2022	16-04-2022	18-04-2022	19-04-2022	20-04-2022	22-04-2022	25-05-2022	26-05-2022
1	19Q71A0101	Chetla Saraswathi	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
2	19Q71A0102	Chandana Pandi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	19Q71A0103	Ellipilli Srinivas	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	19Q71A0104	G Mithun Krishnan	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
5	19Q71A0105	Jestadi Tharun	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
6	19Q71A0106	Gulla Hemanth Bhuvan Chand	✓	A	✓	✓	✓	A	✓	✓	A	✓
7	19Q71A0107	Mallareddy Lokesh	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	19Q71A0108	Menda Koteswara Rao	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	19Q71A0109	Mudili Guna Shekar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	19Q71A0110	Ommi Pavan Kumar	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
11	19Q71A0111	Pediredla Lokesh	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
12	19Q71A0112	Reddi Chandra Mouli	✓	✓	✓	A	✓	✓	A	✓	✓	✓
13	19Q71A0114	Tatisetti Jashwanth	A	✓	✓	✓	✓	A	✓	✓	✓	A
14	19Q71A0115	Vanjari Anusha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	20Q75A0101	Boni Vijay Kumar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	20Q75A0102	Seeku Ramyasri	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	20Q75A0103	Mandadi Rakesh Kumar Reddy	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
18	20Q75A0104	Kuracha Teja	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	20Q75A0105	Marrapu Manikanta	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	20Q75A0106	Masabattula Satyannarayana	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	20Q75A0107	Pallela Vinay	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
22	20Q75A0108	Pilli Murali	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	20Q75A0109	Bandaru Manohar	✓	✓	✓	✓	✓	✓	A	✓	✓	✓

P. Venkatesh

HOD-CIVIL
Head of the Department
Civil Engineering

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Group Discussions

DEPARTMENT OF CIVIL ENGINEERING

Report on Group discussion on “Estimation Specification & Contracts”

Timings: 2:20 pm to 3:10pm

B. Tech Year/Semester: IV/II

Subject Name: Estimation Specification & Contracts

Date: 25/05/2022

CIVL department conducted a group discussion on " Estimation Specification & Contracts" for IV-year students. 41 members have participated in the event. This program was organized by the concern faculty M. Sumathi, Assistant Prof/department of Civil Engineering.

The total strength was divided into 5 groups. The event was started with an introduction given by the concern faculty as the term "Estimation Specification & Contracts" refers to the what do you understand by the term, the total cost estimation.

The pre-tensioning is a combined branch of engineering and science which deals with the study of development, construction, easy of time efficient. The Estimation Specification & Contracts technology is used for the development of construction which can perform a complex human task in a very efficient way.

During the session all the students were actively involved and gained knowledge about the above said topic. Marks were awarded out of 10 by the concern faculty and the best team was selected as the winner. This was done to motivate the students and make ready for the next challenge.



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Report on Group discussion on "Estimation Specification & Contracts"

Timings: 2:20 pm to 3:10pm

B. Tech Year/Semester: IV/II

Subject Name: Estimation Specification & Contracts

Date: 21/12/2020

S.NO	REGD. NO	GROUP	MARKS
1	18Q71A0101	A	9
2	18Q71A0104	A	8
3	18Q71A0106	A	9
4	18Q71A0108	A	9
5	18Q71A0109	A	9
6	18Q71A0110	A	8
7	18Q71A0111	A	9
8	18Q71A0112	A	9
9	18521A0102	A	8

S.NO	PIN NO	GROUP	MARKS
1	18Q71A0113	B	9
2	18Q71A0114	B	8
3	18Q71A0115	B	8
4	19Q75A0101	B	9
5	19Q75A0103	B	9
6	19Q75A0104	B	8
7	19Q75A0105	B	9
8	19Q75A0106	B	9
9	18521A0103	B	8

S.NO	PIN NO	GROUP	MARKS
1	19Q75A0107	C	8
2	19Q75A0108	C	8
3	19Q75A0109	C	9
4	19Q75A0110	C	9
5	19Q75A0111	C	8
6	19Q75A0113	C	9
7	19Q75A0114	C	8
8	19Q75A0117	C	9
9	18521A0104	C	7



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S.NO	PIN NO	GROUP	MARKS
1	19Q75A0118	D	9
2	19Q75A0119	D	9
3	19Q75A0120	D	8
4	19Q75A0121	D	9
5	19Q75A0122	D	8
6	19Q75A0123	D	9
7	19Q75A0124	D	9
8	19Q75A0125	D	9

S.NO	PIN NO	GROUP	MARKS
1	19525A0102	E	9
2	19525A0103	E	9
3	19525A0104	E	8
4	19525A0106	E	8
5	19525A0108	E	8
6	19525A0109	E	8
7	19525A0112	E	9
8	19525A0113	E	9

Result: After the analysis of student's performance in group discussion, the winner was announced by HOD: Group D.

P. Venkatesh
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DEPARTMENT OF CIVIL ENGINEERING

Professional Society Activities

Academic Year: 2021-22

Seminar/Webinar/training program/Guest lectures organized by Department

S.NO .	DATE	NAME OF THE PROGRAM	RESOURCE PERSON	NO OF STUDENTS PARTICIPATED
1	06/12/2021	Guest Lecture on Remote Sensing and GIS Applications	G. SRINIVASARAO	35
2	18/04/2022	Guest Lecture on Pre-stressed Concrete	Dr. S. ADHISHESU	36
3	13/12/2021	Guest Lecture on Structural Analysis	Dr. K. RAJASEKHAR	23
4	1/04/2022	Guest Lecture on Geotechnical Engineering - I	Prof P.V.V. SATYANARAYANA	23



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DEPARTMENT OF CIVIL ENGINEERING

Timings: 2:20 pm to 3:10pm

B. Tech Year/Semester: IV/II

Professional Society Activities (ISTE)

ACTIVITY REPORT

Name of the Event	Guest Lecture on “Pre-stressed Concrete”
Date of the Event	18/04/2022
Coordinator(s)	Mr. G. Anand
Convenor	Mr. R. Venkatesh
Resource Persons	Dr. S. ADHISHESU
Organizing Dept./Support system	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
No. of Beneficiaries	36
Description	<p>The speaker for guest lecture has been warm welcomed to the session on behalf of Avanthi Institute of Engineering and Technology, Director, Principal, Head of the Department and students. The Head of the Department has given a brief introduction about the speaker achievements and Principal too welcomed him for the session on behalf of the college. The speaker took over the session and delivered a lecture on A pre-stressed concrete structure is different from a conventional reinforced concrete structure due to the application of an initial load on the structure prior to its use. Totally 36 members participated in this seminar. The initial load or ‘pre-stress’ is applied to enable the structure to counteract the stresses arising during its service period. The pre-stressing of a structure is not the only instance of pre-stressing. The concept of pre-stressing existed before the applications in concrete. Two examples of pre-stressing before the development of pre-stressed concrete are provided.</p>



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DEPARTMENT OF CIVIL ENGINEERING

Timings: 2:20 pm to 3:10pm

B. Tech Year/Semester: III/II

Professional Society Activities (ISTE)

ACTIVITY REPORT

Name of the Event	Guest Lecture on Geotechnical Engineering - I
Date of the Event	1/04/2022
Coordinator(s)	Mrs. M. Sumathi
Convener	Mr. R. Venkatesh
Resource Persons	Prof P.V.V. SATYANARAYANA
Organizing Dept./Support system	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
No. of Beneficiaries	23
Description	<p>The speaker for guest lecture has been warm welcomed to the session on behalf of Avanthi Institute of Engineering and Technology, Director, Principal, Head of the Department and students. The Head of the Department has given a brief introduction about the speaker achievements and Principal too welcomed him for the session on behalf of the college. The speaker took over the session and delivered a lecture on Geotechnical Engineering. Totally 23 members participated in this lecture. Those who are looking for core jobs in for CIVIL. Geotechnical Engineering deals with the fundamental aspects of soils starting from their origin to various engineering applications. The course discusses the basic classification, characterization, hydraulic and mechanical properties of soils in depth. The expected outcome of the course is to make the students familiarize with soil and to showcase its behavior during various engineering applications such as foundation, retaining wall etc.</p>



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DEPARTMENT OF CIVIL ENGINEERING

Timings: 2:20 pm to 3:10pm

B.Tech. Year/Semester: IV/I

Professional Society Activities (ISTE)

ACTIVITY REPORT

Name of the Event	Guest Lecture on Remote Sensing and GIS Applications
Date of the Event/ Time	06/12/2021
Coordinator(s)	Mr. G. Anand
Convener	Mr. R. Venkatesh
Resource Persons	G. SRINIVASARAO
Organizing Dept./Support system	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
No. of Beneficiaries	35
Description	<p>The speaker for guest lecture has warm welcomed to the session on behalf of Avanathi Institute of Engineering and Technology, Chairman, Director, Principal, Head of the Department and students. The Head of the Department has given a brief introduction about the speaker achievements and experience and Principal Madam too welcomed him for the session on behalf of the college. The speaker took over the session and delivered a lecture on Remote Sensing and GIS Applications. The production of municipal solid waste has increased noticeably during the recent past due to the mounting global population and fast urbanization. Furthermore, its poor management and inappropriate disposal are a global challenge since these have created environmental problems in urban ecosystems. Waste management problems are significantly stalled because of a lack of quality data. This is particularly the case in developing countries where observation infrastructure is weak. Regional waste management strategies involve distributed data, while typical small-scale studies present just point information and in the lack of vital widespread information, the regional studies can't provide dependable results. With the materialization of new techniques such as remote sensing and GIS.</p>



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DEPARTMENT OF CIVIL ENGINEERING

Timings: 2:20 pm to 3:10pm

B.Tech. Year/Semester: III/I

Professional Society Activities (ISTE)

ACTIVITY REPORT

Name of the Event	Guest Lecture on Structural Analysis
Date of the Event/ Time	13/12/2021
Coordinator(s)	Mrs. M. Sumathi
Convenor	Mr. R. Venkatesh
Resource Persons	Dr. K. RAJASEKHAR
Organizing Dept./Support system	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
No. of Beneficiaries	23
Description	<p>The speaker for guest lecture has warm welcomed to the session on behalf of Avanthi Institute of Engineering and Technology, Chairman, Director, Principal, Head of the Department and students. The Head of the Department has given a brief introduction about the speaker achievements and experience and Principal Madam too welcomed him for the session on behalf of the college. The speaker took over the session and delivered a lecture on Structural Analysis. He explains Structural analysis is a branch of solid mechanics which uses simplified models for solids like bars, beams and shells for engineering decision making. Its main objective is to determine the effect of loads on the physical structures and their components. In contrast to theory of elasticity, the models used in structure analysis are often differential equations in one spatial variable. Structures subject to this type of analysis include all that must withstand loads, such as buildings, bridges, aircraft and ships. Structural analysis uses ideas from applied mechanics, materials science and applied mathematics to compute a structure's deformations, internal forces, stresses, support reactions, velocity, accelerations, and stability. The results of the analysis are used to verify a structure's fitness for use, often precluding physical tests. Structural analysis is thus a key part of the engineering design of structures.</p>

P. Venkatesh

HOD-CIVIL
Head of the Department
Civil Engineering

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Industrial Visits

DEPARTMENT OF MANAGEMENT STUDIES

MBA Year/Sem:I/II

Activity Report

Name of the Event	Industrial visit
Date of the Event	20/12/2021
Place	Steel plant vizag
Coordinator	S Suman datta
Organizing Dept./Support system	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
No. of Beneficiaries	57
Description	Industrial visit conducted by the department to steel plant for explaining the real life industry ,and give knowledge about the machinery . Visakhapatnam Steel Plant was separated from SAIL and RINL was made the corporate entity of Visakhapatnam Steel Plant in April 1982. Vizag Steel Plant is the only Indian shore-based steel plant and is situated on 33,000 acres (13,000 ha), and is poised to expand to produce up to 20 MT in a single campus.



DEPARTMENT OF MANAGEMENT STUDIES

Attendance sheet

S.No	Regd No	Name of the Student	Attendance
1	21Q71E0001	Addepali Sirisha	A Sirisha
2	21Q71E0002	Aggala Jeevan Krishna Sai	ABSENT.
3	21Q71E0003	Anisetty Bindu	A Bindu
4	21Q71E0004	Avaduthala Mohan Venkatesh	A. Mohan Venkatesh
5	21Q71E0005	Avugoddi Vinod Kumar	V. Kumar
6	21Q71E0006	Bavaraju Tarun Kumar	ABSENT
7	21Q71E0007	Beesetti Babitha Sree	B. Babitha Sree
8	21Q71E0008	Bammidi Santosh Kumar	B. Santosh
9	21Q71E0009	Boddakayala Varun	B. Varun
10	21Q71E0010	Botta Chandu Sai	B. Chandu Sai
11	21Q71E0011	Botta Lavanya Likitha	Likitha
12	21Q71E0012	Chikkala Yamini	C. Yamini
13	21Q71E0013	Chinni Hima Bindu	ABSENT
14	21Q71E0014	Dakarapu Pavan Kalyan	D. Pavan Kalyan
15	21Q71E0015	Dantuluri Vijay Kumar Varma	D. Vijay
16	21Q71E0016	Bevara Veni	B. Veni
17	21Q71E0017	Gadhiraju Sowmya	G. Sowmya
18	21Q71E0018	Gajjala Mallik Sai	G. Mallik Sai
19	21Q71E0019	Giduthuri Dedeepya	ABSENT
20	21Q71E0020	Goruputi Venkata Vinay	ABSENT
21	21Q71E0021	Gudivada Jyothi Aparna	G. V. Vinay
22	21Q71E0022	Gunna Sunil	Sunil
23	21Q71E0023	Jamparangi Ramesh Babu	ABSENT.
24	21Q71E0024	Kadagala Anu Radha	K. Anuradha
25	21Q71E0025	Kadimisetti Umamaheswara Rao	ABSENT.
26	21Q71E0026	Kalla Naga Navya	K. Naga Navya
27	21Q71E0027	Kambala Lavanya	K. Lavanya



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28	21Q71E0028	Kampara Pavan Kumar	Pavan
29	21Q71E0029	Kanuri Lokesh Sai	ABSENT
30	21Q71E0030	Karri Vanitha	K. Vanitha
31	21Q71E0031	Kilani Sravani	Kilani Sravani
32	21Q71E0032	Kolla Venkata Ayyappa Rahul Naidu	K.V.A. Rahul Naidu
33	21Q71E0033	Kolli Harish	Harish
34	21Q71E0034	Kommuju Sirja	ABSENT
35	21Q71E0035	Kothakota Raghunadh Rao	Raghunadh Rao.
36	21Q71E0036	Koti Jeevan Chand	P. Jeevan Chand
37	21Q71E0037	Karubhukta Triveni	K. Triveni
38	21Q71E0038	Koyya Hima Bindu	K. Hima Bindu
39	21Q71E0039	Kuparala Siva	K. Siva
40	21Q71E0040	Maddi Balakrishna	P. Balakrishna
41	21Q71E0041	Majji Padmaja	M. Padmaja
42	21Q71E0042	Kollavenkata Divya Sri	K. Divya Sri
43	21Q71E0043	Narda Viswanadha Reddy	ABSENT
44	21Q71E0044	Neelapu Rama Suresh	Suresh.
45	21Q71E0045	Nouduleela Manohar	Manohar
46	21Q71E0046	Pallampati Srikanth	P. Srikanth
47	21Q71E0047	Pandi Rambabu	Rambabu.
48	21Q71E0048	Pasi Deepika	P. Deepika
49	21Q71E0049	Pathivada Ranjitha	P. Ranjitha
50	21Q71E0050	Peddi Gowri Sankar	Sankar.
51	21Q71E0051	Peerubandi Kiran Kumar	ABSENT.
52	21Q71E0052	Penumatsa Devisree	P. Devi Sree
53	21Q71E0053	Pesala Mounika	Mounika
54	21Q71E0054	Paila Latha	P. Latha
55	21Q71E0055	Pilla Dilip	P. DILIP
56	21Q71E0056	Pasumarthi Keerthi	ABSENT.
57	21Q71E0057	Ponduru Vikas	p. vikas



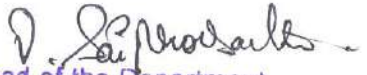
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58	21Q71E0058	Pyla Divakar	P-Divakar
59	21Q71E0059	Rajana Divya	R. Divya
60	21Q71E0060	Reddy Mounica Sai	ABSENT
61	21Q71E0061	Sabbarapu Sukanya	S. Sukanya
62	21Q71E0062	Sahu Baby Priyanka	S. Baby Priyanka
63	21Q71E0063	Sanapala Srivalli	ABSENT.
64	21Q71E0064	Sayed Parveen Sultana	ABSENT.
65	21Q71E0066	Simhambatla Srirama Sarma	S. Srirama
66	21Q71E0067	Tariniganti Santosh Kumar	ABSENT.
67	21Q71E0068	Thamatapu Anitha	T. Anitha
68	21Q71E0069	Ulabala Deepika	ABSENT.
69	21Q71E0070	Yerra Sujana	Y. Sujana
70	21Q71E0071	Bodala Pavan Kalyan	ABSENT.
71	21Q71E0073	Chitra Sireesha	Ch. Sireesha
72	21Q71E0075	Pavani Maharana	M. Pavani
73	21Q71E0076	Ganta Bhargavi	ABSENT.
74	21Q71E0077	Kola Jyothsna	ABSENT.
75	21Q71E0079	P Sai Duga	P. Sai Duga
76	21Q71E0080	P. Divya Rani	P. Divyarani
77	21Q71E0082	Gundu Teja Sri	ABSENT.


Head of the Department
Master of Business Administration
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Proofs:



Industrial visit- Visakha steel plant on 20-12-2021



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Industrial visit- Visakha steel plant on 20-12-2021



Seminars

DEPARTMENT OF MANAGEMENT STUDIES

Department of management studies has conducted seminar on each subject by student to enhance and upgrade the student's presentation skill. This activity will help the student publicly demonstrate their skills & Helps them to use their skill.

These seminars will enhance the knowledge of the students. For the improvement in the level of understanding and to develop insight in various subjects, seminars are organized for the learners in all academic years.

Year wise subject list for seminar:

Class: MBA Year/sem-I/I	
SI.NO	SUBJECT NAME
1	Management Of Organization behavior
2	Managerial Economic
3	Quantitative Analysis And Business Decision
4	Accounting For Managers

Class: MBA II Year/sem-II/I	
SI.NO	SUBJECT NAME
1	Strategic Management
2	Investment Analysis And Portfolio Management
3	Operations Research
4	Leadership And Change Management



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Seminar Given By Students

Class : I-MBA-I Sem

SEMINAR GIVEN BY THE STUDENT						
S.No	Date	Roll No	Name	Subject	Seminar Topic	Faculty Incharge
1	12-11-2021	21Q71E0001	Addepali Sirisha	Management And Organisation Behavior	Levels Of Management	Jakkampudi Sowmya
2	19-11-2021	21Q71E0002	Aggala Jeevan Krishna Sai	Managerial Economic	Law Of Demand	S P Santhoshi
3	26-11-2021	21Q71E0003	Anisetty Bindu	Quantitative Analysis And Business Decision	Measures Of Dispersion	T Srinivas
4	3-12-2021	21Q71E0004	Avaduthala Mohan Venkatesh	Accounting For Managers	Financial Statements	S Suman Datta
5	10-12-2021	21Q71E0005	Avugoddi Vinod Kumar	Management And Organisation Behavior	Perception	Jakkampudi Sowmya
6	17-11-2021	21Q71E0010	Botta Chandu Sai	Managerial Economic	Economies And Dis Economies Of Scale	S P Santhoshi
7	24-12-2021	21Q71E0015	Dantuluri Vijay Kumar Varma	Quantitative Analysis And Business Decision	Regression Analysis	T Srinivas
8	31-12-2021	21Q71E0018	Gajjala Mallik Sai	Accounting For Managers	Accounting Cycle	S Suman Datta
9	07-01-2022	21Q71E0022	Gunna Sunil	Management And Organization Behavior	Techniques And Process Of Decision Making	Jakkampudi Sowmya
10	21-01-2022	21Q71E0062	Sahu Baby Priyanka	Managerial Economic	Law Of Returns To Scale	S P Santhoshi
11	28-01-2022	21Q71E0065	Singampalli Sasikala	Quantitative Analysis And Business Decision	Analysis Of Variance	T Srinivas
12	04-02-2022	21Q71E0078	Potharaju Dhanasri	Accounting For Managers	Types Of Budgets	S Suman Datta



Snapshot-1

Book Keeping Vs. Accounting

- Book keeping is the art and science of recording business transactions in a systematic manner
- The scope of book keeping is confined to recording of business transactions only.
- Accounting on the other hand processes, analyses and interprets the data for the purpose of meeting the requirements of different users.
- Thus, book keeping represents only a part of total accounting system
- However, book keeping serves as the base for accounting.

< 4 of 22 >

Seminar on Accounting for managers given by students

Snapshot-2

**Steps in Accounting
(Accounting Cycle)**

- Recording ———→ Journal
- Classifying ———→ Ledger
- Verification ———→ Trail Balance
- Summarizing ———→ Final Accounts
- Analysis and Interpretation ———→ Ratio Analysis

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Seminar on Accounting for managers given by students



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Class:I-MBA-I Sem

Sl. No	Regd No	Name Of The Student	19-11-2021	26-11-2021	03-12-2021	10-12-2021	17-11-2021	24-12-2021	31-12-2021	07-01-2022	21-01-2022
1	21Q71E0001	Addepali Sirisha	✓	✓	✓	✓	✓		✓	✓	✓
2	21Q71E0002	Aggala Jeevan Krishna Sai	✓	✓	A	✓	✓	✓	✓	✓	A
3	21Q71E0003	Anisetty Bindu	✓	✓	✓	✓	A	✓	✓	✓	✓
4	21Q71E0004	Avaduthala Mohan Venkatesh	A	✓	✓	✓	A	✓	✓	A	✓
5	21Q71E0005	Avugoddi Vinod Kumar	✓	✓	✓	✓	✓	✓	A	✓	✓
6	21Q71E0006	Bavaraju Tarun Kumar	✓	✓	✓	A	✓	✓	✓	✓	✓
7	21Q71E0007	Beesetti Babitha Sree	A	✓	✓	✓	✓	✓	✓	A	✓
8	21Q71E0008	Bammidi Santosh Kumar	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	21Q71E0009	Boddakayala Varun	✓	✓	✓	✓	✓	A	✓	✓	✓
10	21Q71E0010	Botta Chandu Sai	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	21Q71E0011	Botta Lavanya Likitha	✓	A	✓	✓	✓	✓	✓	A	✓
12	21Q71E0012	Chikkala Yamini	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	21Q71E0013	Chinni Hima Bindu	✓	✓	✓	✓	A	✓	✓	✓	A
14	21Q71E0014	Dakarapu Pavan Kalyan	✓	A	✓	A	✓	✓	✓	✓	✓
15	21Q71E0015	Dantuluri Vijay Kumar Varma	✓	✓	✓	✓	✓	✓	✓	A	✓
16	21Q71E0016	Bevara Veni	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	21Q71E0017	Gadhiraju Sowmya	✓	A	✓	✓	A	✓	✓	A	✓
18	21Q71E0018	Gajjala Mallik Sai	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	21Q71E0019	Giduthuri Dedeepya	✓	✓	A	✓	✓	A	✓	✓	✓
20	21Q71E0020	Goruputi Venkata Vinay	✓	✓	✓	✓	✓	✓	✓	A	✓
21	21Q71E0021	Gudivada Jyothi Aparna	A	✓	✓	A	✓	✓	✓	✓	A
22	21Q71E0022	Gunna Sunil	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	21Q71E0023	Jamparangi Ramesh Babu	✓	✓	✓	✓	A	✓	✓	✓	✓
24	21Q71E0024	Kadagala Anu Radha	✓	✓	A	✓	✓	✓	A	✓	A
25	21Q71E0025	Kadimisetti Umamaheswara Rao	A	✓	A	✓	✓	✓	✓	✓	✓
26	21Q71E0026	Kalla Naga Navya	✓	✓	✓	✓	✓	A	✓	✓	A



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27	21Q71E0027	Kambala Lavanya	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
28	21Q71E0028	Kampara Pavan Kumar	✓	✓	✓	✓	A	✓	✓	✓	✓	A
29	21Q71E0029	Kanuri Lokesh Sai	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30	21Q71E0030	Karri Vanitha	A	✓	✓	✓	A	✓	✓	✓	✓	✓
31	21Q71E0031	Kilani Sravani	✓	✓	✓	✓	✓	✓	✓	✓	A	✓
32	21Q71E0032	Kolla Venkata Ayyappa Rahul Naidu	A	✓	✓	✓	✓	✓	✓	✓	✓	A
33	21Q71E0033	Kolli Harish	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
34	21Q71E0034	Kommuju Sirja	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
35	21Q71E0035	Kothakota Raghunadh Rao	✓	✓	✓	✓	✓	✓	✓	✓	✓	A
36	21Q71E0036	Koti Jeevan Chand	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
37	21Q71E0037	Karubhukta Triveni	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
38	21Q71E0038	Koyya Hima Bindu	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
39	21Q71E0039	Kuparala Siva	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
40	21Q71E0040	Maddi Balakrishna	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
41	21Q71E0041	Majji Padmaja	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
42	21Q71E0042	Kollavenkata Divya Sri	✓	A	✓	✓	✓	✓	✓	✓	✓	A
43	21Q71E0043	Narda Viswanadha Reddy	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
44	21Q71E0044	Neelapu Rama Suresh	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
45	21Q71E0045	Nouduleela Manohar	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
46	21Q71E0046	Pallampati Srikanth	✓	A	✓	✓	✓	✓	✓	A	✓	✓
47	21Q71E0047	Pandi Rambabu	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
48	21Q71E0048	Pasi Deepika	✓	✓	✓	A	✓	✓	✓	✓	A	✓
49	21Q71E0049	Pathivada Ranjitha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
50	21Q71E0050	Peddi Gowri Sankar	✓	A	✓	✓	✓	A	✓	✓	✓	A
51	21Q71E0051	Peerubandi Kiran Kumar	✓	A	✓	✓	✓	✓	A	✓	✓	✓
52	21Q71E0052	Penumatsa Devisree	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
53	21Q71E0053	Pesala Mounika	✓	✓	A	✓	✓	A	✓	✓	✓	✓
54	21Q71E0054	Paila Latha	✓	✓	✓	✓	✓	✓	✓	✓	✓	A
55	21Q71E0055	Pilla Dilip	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
56	21Q71E0056	Pasumarthi Keerthi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
57	21Q71E0057	Ponduru Vikas	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
58	21Q71E0058	Pyla Divakar	✓	✓	✓	✓	✓	✓	✓	A	✓	A
59	21Q71E0059	Rajana Divya	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
60	21Q71E0060	Reddy Mounica Sai	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
61	21Q71E0061	Sabbarapu Sukanya	✓	✓	✓	✓	A	✓	✓	✓	✓	✓



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62	21Q71E0062	Sahu Baby Priyanka	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
63	21Q71E0063	Sanapala Srivalli	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
64	21Q71E0064	Sayed Parveen Sultana	A	✓	✓	✓	A	✓	✓	A	✓	✓
65	21Q71E0066	Simhambatla Srirama Sarma	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
66	21Q71E0067	Tariniganti Santosh Kumar	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
67	21Q71E0068	Thamatapu Anitha	✓	A	✓	✓	✓	✓	✓	A	✓	✓
68	21Q71E0069	Ulabala Deepika	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
69	21Q71E0070	Yerra Sujana	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
70	21Q71E0071	Bodala Pavan Kalyan	✓	A	✓	✓	A	✓	✓	A	✓	✓
71	21Q71E0073	Chitra Sireesha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
72	21Q71E0075	Pavani Maharana	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
73	21Q71E0076	Ganta Bhargavi	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
74	21Q71E0077	Kola Jyothsna	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
75	21Q71E0079	P Sai Duga	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
76	21Q71E0080	P. Divya Rani	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
77	21Q71E0082	Gundu Teja Sri	A	✓	✓	✓	✓	✓	✓	✓	✓	A


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Group Discussions

DEPARTMENT OF MANAGEMENT STUDIES

Report on Group discussion on “strategy implementation”

Timings: 2:20 pm to 3:10pm

MBA Year/Semester: II/I

Subject Name: **Strategic Management**

Date: 16/12/2021

Subject code: **C-301**

MBA. department conducted a group discussion on " strategy implementation " for II year students. 60 members have participated in the event. This program was organized by the Dr V Sai prasanth, HOD/department of Management studies.

The total strength was divided into 6 groups. The event was started with an introduction given by the concern faculty as the term " **strategic management** " refers to the what do you understand by the term, the strategic management in organization.

.The purpose of having a competitive advantage is to distinguish a company from its competitors by offering something different and of superior value to its customers. Competitive advantage also means the business can outperform its competition in the market and make a higher profit.

Strategic management is the ongoing planning, monitoring, analysis and assessment of all necessities an organization needs to meet its goals and objectives. Changes in business environments will require organizations to constantly assess their strategies for success.



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Report on Group discussion on “strategy implementation”

Timings: 2:20 pm to 3:10pm

MBA II Year/Semester: II/I

Subject Name: **Strategic Management**

Date: 16/12/2021

S.NO	PIN NO	GROUP	MARKS
1	20Q71E0001	A	9
2	20Q71E0002	A	9
3	20Q71E0003	A	9
4	20Q71E0004	A	9
5	20Q71E0005	A	9
6	20Q71E0006	A	9
7	20Q71E0007	A	9
8	20Q71E0008	A	9
9	20Q71E0009	A	9
10	20Q71E0010	A	9

S.NO	PIN NO	GROUP	MARKS
1	20Q71E0012	B	9
2	20Q71E0013	B	9
3	20Q71E0014	B	8
4	20Q71E0015	B	8
5	20Q71E0016	B	8
6	20Q71E0017	B	9
7	20Q71E0018	B	9
8	20Q71E0019	B	9
9	20Q71E0020	B	8
10	20Q71E0021	B	8



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S.NO	PIN NO	GROUP	MARKS
1	20Q71E0025	C	8
2	20Q71E0026	C	8
3	20Q71E0027	C	9
4	20Q71E0028	C	9
5	20Q71E0029	C	8
6	20Q71E0030	C	9
7	20Q71E0031	C	8
8	20Q71E0032	C	8
9	20Q71E0033	C	9
10	20Q71E0034	C	9

S.NO	PIN NO	GROUP	MARKS
1	20Q71E0036	D	9
2	20Q71E0037	D	9
3	20Q71E0038	D	8
4	20Q71E0039	D	8
5	20Q71E0040	D	8
6	20Q71E0041	D	9
7	20Q71E0042	D	9
8	20Q71E0043	D	9
9	20Q71E0044	D	8
10	20Q71E0045	D	8



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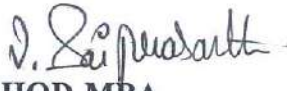
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S NO	PIN NO	GROUP	MARKS
1	20Q71E0051	E	9
2	20Q71E0052	E	9
3	20Q71E0053	E	9
4	20Q71E0054	E	8
5	20Q71E0058	E	8
6	20Q71E0059	E	9
7	20Q71E0060	E	9
8	20Q71E0061	E	9
9	20Q71E0062	E	9
10	20Q71E0063	E	8

S.NO	PIN NO	GROUP	MARKS
1	20Q71E0078	F	9
2	20Q71E0079	F	8
3	20Q71E0080	F	9
4	20Q71E0081	F	9
5	20Q71E0087	F	8
6	20Q71E0088	F	8
7	20Q71E0089	F	9
8	20Q71E0090	F	8
9	20Q71E0091	F	9

Result: After the analysis of student's performance in group discussion, the winner was announced by HOD: Group A.


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DEPARTMENT OF MANAGEMENT STUDIES

Professional Society Activities

Academic Year: 2021-22

Seminar/Webinar/training program/Guest lectures organized by Department:

S.No.	Date	Name of the Program	Resource Person	No of Students Participated
1	02/12/2021	Guest Lecture On Recruitment And Selection	Dr B Prasad Rao	50
2	11/04/2022	Guest Lecture On Hypothesis And Its Testing	Dr P Sanjeevi	56
3	1/04/2022	Guest Lecture On Green Marketing	Dr P Manoj Babu	58
4	29/11/2021	Guest Lecture On Cost Of Capital	Dr B Shiva Kumar	62



DEPARTMENT OF MANAGEMENT STUDIES

Timings: 2:20 pm to 3:10pm

MBA Year/Semester: I/II

Professional Society Activities

Activity Report

Name of the Event	Guest lecture on “recruitment and selection”
Date of the Event	02/12/2021
Coordinator(s)	R Vasantha laxmi
Resource Persons	Dr B Prasad rao
Organizing Dept./Support system	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
No. of Beneficiaries	50
Description	<p>The speaker for guest lecture has been warm welcomed to the session on behalf of Avanthi Institute Of Engineering and Technology, Chairman, Director, Principal, Head of the Department and students. The Head of the Department has given a brief introduction about the speaker achievements and experience and Principal sir too welcomed him for the session on behalf of the college. The speaker took over the session and delivered a lecture on Latest Trends in human recruitment . Recruitment refers to the process where potential applicants are searched for, and then encouraged to apply for an actual or anticipated vacancy. Selection is the process of hiring employees among the shortlisted candidates and providing them a job in the organization.. This report presents the results of our seminar on "recruitment and selection”</p>



Timings: 2:20 pm to 3:10pm

MBA Year/Semester: I/I

Professional Society Activities

Activity Report

Name of the Event	Guest lecture on “hypothesis and its testing”
Date of the Event	11/04/2022
Coordinator(s)	T.SRINIVAS
Resource Persons	Dr P Sanjeevi
Organizing Dept./Support system	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
No. of Beneficiaries	56
Description	<p>The speaker for guest lecture has been warm welcomed to the session on behalf of Avanthi Institute Of Engineering and Technology, Director, Principal, Head of the Department and students. The Head of the Department has given a brief introduction about the speaker achievements and Principal too welcomed him for the session on behalf of the college. The speaker took over the session and delivered a lecture on entrepreneurship education. Totally 56 members participated in this seminar. Those who are looking for doing research. they discuss the future of researchers . In today’s era, Hypothesis testing is an act in statistics whereby an analyst tests an assumption regarding a population parameter. The methodology employed by the analyst depends on the nature of the data used and the reason for the analysis. Hypothesis testing is used to assess the plausibility of a hypothesis by using sample data This report presents the results of our seminar on “hypothesis and its testing”.</p>



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Timings: 2:20 pm to 3:10pm

MBA. Year/Semester: II/II

Professional Society Activities

Activity Report

Name of the Event	Guest lecture on “Green marketing”
Date of the Event/ Time	1/04/2022
Coordinator(s)	Dr V Sai prasanth
Resource Persons	Dr G N P V Babu
Organizing Dept./Support system	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
No. of Beneficiaries	58
Description	Department has conducted seminar on, “quantitative analysis for business decision ” to enhance and upgrade the student's knowledge on quantitative analysis. This program was organized by Mr S Suman datta, Coordinator of this event MBA. Resource Person introduced about marketing, about business decisions of view and future scope. He also explained about green marketing importance. Over the next few decades, the global demand for Improving business is expected to skyrocket. Green marketing is the practice of promoting products or services that are sustainable and eco-friendly. Companies that invest in green marketing benefit from increased customer loyalty and a positive brand reputation, while also helping protect the planet and contributing to a more sustainable future



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Timings: 2:20 pm to 3:10pm

MBA. Year/Semester: II/I

Professional Society Activities

Activity Report

Name of the Event	Guest lecture on “cost of capital”
Date of the Event/ Time	29/11/2021
Coordinator(s)	k. prathyusha shivkoti
Resource Persons	Dr B Shiva kumar
Organizing Dept./Support system	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
No. of Beneficiaries	62
Description	<p>The speaker for guest lecture has warm welcomed to the session on behalf of Avanthi Institute Of Engineering and Technology, Chairman, Director, Principal, Head of the Department and students. The Head of the Department has given a brief introduction about the speaker achievements and experience and Principal Madam too welcomed her for the session on behalf of the college. The speaker took over the session and delivered a lecture on “cost of capital” The cost of capital measures the cost that a business incurs to finance its operations. It measures the cost of borrowing money from creditors, or raising it from investors through equity financing, compared to the expected returns on an investment.. The targeted audiences were MBA students and MBA faculty members. Total 62 participants. Last 5 minutes were given for Q&A session and few questions were raised by the students which were answered by the speaker. S P Santhoshi, Assistant professor of MBA department, ended the program by delivering vote of thanks.</p>



C) Problem solving methodologies

1. Each course handling faculties are giving Case Study topic related their subject for analysis and discussion.
2. Faculties are conducting subjects of highly analytical nature, with the objective to increase problem solving capabilities, analytical thinking and logical ability.
3. Faculties are support to the students to attempt and solve problems individually and independently.
4. For the tutorial session, a class is divided into two groups and faculty members are assigned to each group separately.
5. Giving assignments and quizzes at the end of instruction of each unit.

All academic activities are aimed at elevating the students' knowledge, skills and build confidence in them.

Problem Solving Methodologies

- Quiz program
- Tutorials
- Problem solving classes
- Case studies



DEPARTMENT OF MANAGEMENT STUDIES

Report on Quiz Program on "MBA, Current Affairs & General knowledge"

Academic Year: 2021-2022

Timings: 10:20 am to 11:20 am

MBA Year/Semester: All Students

Date: 24/02/2022

MRS.K Ramya krishna, Assist. Prof, has conducted a Quiz Program on "" for All year students. 90 members have participated in the event. This program was organized under the guidance of Dr V Sai prasanth, HOD, MBA.

The total strength was divided into 10 groups. The event was started by introducing about the Quiz program and giving instructions to the students, by the concern faculty. And then he started asking questions the students who knows the answer are giving answers.

Students are actively participated the program and they exposed to learn more beyond the subject. They are showing interest to attend this type of programs in our institution. They get motivated by the faculty to participate such programs.



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1. By selling a 3.5 per cent stake in LIC, what is the total amount to be raised by the Government?

- A. Rs 64000 Crore
- B. Rs 45000 Crore
- C. Rs 36000 Crore
- D. Rs 21000 Crore

Answer:(D)

2. Which Insurance company has launched financial literacy campaign ‘InspiHERs-enabling an empowered future’?

- A. HDFC Life Insurance
- B. Bharti AXA Life Insurance
- C. Bajaj Allianz Life Insurance
- D. IndiaFirst Life Insurance

Answer:(B)

3. Which regional rural bank bagged six national awards from PFRDA, for achievement in enrolment of Atal Pension Yojana (APY)?

- A. Kerala Gramin Bank
- B. Karnataka Vikas Grameena Bank
- C. Tamil Nadu Gramin Bank
- D. Andhra Pradesh Grameena Vikas Bank

Answer:(B)

4. RBL Bank has collaborated with which payment service to offer UPI payments?

- A. Amazon Pay
- B. PhonePe
- C. Google Pay
- D. PayTm

Answer:(A)

5. The levy of GST compensation cess has been extended till which year?

- A. 2023
- B. 2025



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C. 2026

D. 2030

Answer:(C)

6. In which state is iPhone maker Foxconn planning to invest up to USD 1 billion?

A. Gujarat

B. Maharashtra

C. Bihar

D. Karnataka

Answer: (D)

7. Which company has become the first LAB manufacturing company in the world to get BIS certification?

A. Tamil Nadu Petro products

B. Tata

C. Adani

D. Reliance

Answer: (A)

8. why do companies go globally?

A. growth strategies

B. profit advantage

C. limits in domestic market

D. economies of the scale

E. all of the above

Answer:(E)

9. What does pestel stands for?

A. political ,economical, social, technical, ecological, legal

B. political, economical, social, technical ,environmental, legal

C. psychological, economical, social, technological, environmental, legal

D. psychological, environmental, social, technological, environmental, legal

Answer:(C)

10. Which of the following number is a pre requisite for any exporting/importing company?

A. CIE

B. ICC



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C. CEC

D. IEC

Answer:(D)

11. Which is the e-commerce portal that the Union Government is planning to launch for MSMEs for marketing and selling their products?

A. Bharat Craft

B. Indian Craft

C. Crafty Craft

Answer:(A)

12. Which of the following country is not a CIVETS country?

A. south korea

B. Indonasia

C. turkey

D. vietnam

Answer:(A)

13. Which company launched a Military Veterans Employment Program in partnership DGR and AWPO?

A. Flipkart

B. Netflix

C. Amazon

D. Myntra

Answer:(C)

14. Which of the following is not an entry strategy under the category of “strategic alliance”?

A. marketing tie-up

B. take over

C. wholly owned subsidiary company

D. mergers and acquisitions

E. resource sharing arrangements

Answer:(E)

15. IBRD is the original name?

A. IMF

B. world bank



C. WTO

D. ITC

E. Indian bank for rural development

Answer:(B)

16. Which company acquired a 49% stake in Kishore Biyani-led Future Coupons Ltd. recently?

A. Walmart

B. AliExpress

C. Flipkart

D. Amazon

Answer:(D)

17. Which of the following is not a theory/method in determining the foreign exchange rate between two currencies?

A. GDP comparative ratio

B. BOP theory

C. big mac index

D. PPP Theory

E. law of one price

Answer:(B)

18. SAARC was formed in which month and year?

A. December 1985

B. January 1987

C. October 1985

D. April 1995

Answer:(A)



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Academic Year: 2021-2022

Timings: 10:20 am to 11:20 am

MBA Year/Semester: Participated students

Date: 24/02/2022

ATTENDANCE SHEET

Si.No	Regd.No	Name Of The Student	Attendance
1	20Q71E0002	Abdul Feroz Khan	A. feroz khan
2	20Q71E0003	Achanti Siva Sankar	A. Sivasankar
3	20Q71E0004	Addagarla Ksheerabohi	A. Ksheerabohi
4	20Q71E0005	Addala Santosh Kumar	A. Santosh Kumar
5	20Q71E0006	Akkandra Suresh	A. Suresh
6	20Q71E0007	Alubilli Kailash	A. Suresh
7	20Q71E0008	Bellana Lavanya	B. Lavanya
8	20Q71E0009	Baddi Lokesh	B. Lokesh
9	20Q71E0010	Baki Lakshmi	B. Lakshmi
10	20Q71E0011	Banala Sai Kiran	B. Sai Kiran
11	20Q71E0012	Bandaru Anusha	B. Anusha
12	20Q71E0013	Bandi Amruth Gupta	B. Amruth Gupta
13	20Q71E0014	Bellana Dadibabu	B. Dadibabu
14	20Q71E0015	Billakurthi Purnitha Lakshmi Naga Rishita	B. P. Lakshmi
15	20Q71E0016	Boddakayala Vardhan	B. Vardhan
16	20Q71E0017	Bogila Sai Sravanthi	B. Sai Sravanthi
17	20Q71E0018	Bokkalapalli Anirudh Reddy	B. Anirudh Reddy
18	20Q71E0019	Bora Hari Krishna	B. Hari Krishna
19	20Q71E0020	Bora Sai Lakshmi	B. Sai Lakshmi
20	20Q71E0021	Buddala Reshma	B. Reshma
21	20Q71E0022	Busa Sai Ram	B. Sai Ram
22	20Q71E0023	Chakkapalli Venkata Prasad	B. Venkata Prasad
23	20Q71E0024	Darru Krishna Kumari	D. Krishna Kumari
24	20Q71E0025	Doddi Yamini	D. Yamini
25	20Q71E0026	Dumpa Akhil	D. Akhil
26	21Q71E0001	Addepali Sirisha	A. Sirisha
27	21Q71E0002	Aggala Jeevan Krishna Sai	A. Jeevan Krishna Sai
28	21Q71E0003	Anisetty Bindu	A. Bindu
29	21Q71E0004	Avaduthala Mohan Venkatesh	Mohan Venkatesh
30	21Q71E0005	Avugoddi Vinod Kumar	Vinod Kumar
31	21Q71E0006	Bavaraju Tarun Kumar	B. Tarun Kumar
32	21Q71E0007	Beesetti Babitha Sree	B. Sree
33	21Q71E0008	Bammidi Santosh Kumar	B. Santosh Kumar
34	21Q71E0009	Boddakayala Varun	Varun
35	21Q71E0010	Botta Chandu Sai	B. ch. Sai



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36	21Q71E0011	Botta Lavanya Likitha	B.L. Likitha
37	21Q71E0012	Chikkala Yamini	Ch. Yamini
38	21Q71E0013	Chinni Hima Bindu	Ch. Hima Bindu
39	21Q71E0014	Dakarapu Pavan Kalyan	D. Pavan Kalyan
40	21Q71E0015	Dantuluri Vijay Kumar Varma	D.V.V. Kumar
41	21Q71E0016	Bevara Veni	B. Veni
42	21Q71E0017	Gadhiraju Sowmya	G. Sowmya
43	21Q71E0061	Sabbarapu Sukanya	S. Sukanya
44	21Q71E0062	Sahu Baby Priyanka	S. Baby Priyanka
45	21Q71E0063	Sanapala Srivalli	S. Srivalli
46	21Q71E0064	Sayed Parveen Sultana	S. Parveen Sultana
47	21Q71E0066	Simhambatla Srirama Sarma	S. Srirama Sarma
48	21Q71E0067	Tariniganti Santosh Kumar	T. Santosh Kumar
49	21Q71E0068	Thamatapu Anitha	T. Anitha
50	21Q71E0070	Yerra Sujana	Y. Sujana

D. Sai Prasanna
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DEPARTMENT OF MANAGEMENT STUDIES

Quiz Program on “Business Current Affairs & General knowledge”

Academic Year: 2021-2022

Timings: 10:20 am to 11:20

am

MBA Year/Semester: Participated students

Date: 24/02/2022

MARKS

SI.NO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	20Q71E0002	Abdul Feroz Khan	A	30
2	20Q71E0003	Achanti Siva Sankar	A	30
3	20Q71E0004	Addagarla Ksheerabohi	A	30
4	20Q71E0005	Addala Santosh Kumar	A	30
5	20Q71E0006	Akkandra Suresh	A	30
6	20Q71E0007	Alubilli Kailash	A	30
7	20Q71E0008	Bellana Lavanya	A	30
8	20Q71E0009	Baddi Lokesh	A	30
9	20Q71E0010	Baki Lakshmi	A	30
10	20Q71E0011	Banala Sai Kiran	A	30

SI.NO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	20Q71E0012	Bandaru Anusha	B	50
2	20Q71E0013	Bandi Amruth Gupta	B	50
3	20Q71E0014	Bellana Dadibabu	B	50
4	20Q71E0015	Billakurthi Purnitha Lakshmi Naga Rishita	B	50
5	20Q71E0016	Boddakayala Vardhan	B	50
6	20Q71E0017	Bogila Sai Sravanthi	B	50
7	20Q71E0018	Bokkalapalli Anirudh Reddy	B	50
8	20Q71E0019	Bora Hari Krishna	B	50
9	20Q71E0020	Bora Sai Lakshmi	B	50
10	20Q71E0021	Buddala Reshma	B	50

SI.NO	REGD.NO	Name Of The Student	GROUP	MARKS
1	20Q71E0021	Buddala Reshma	C	45



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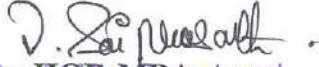
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7	21Q71E0001	Addepali Sirisha	C	45
8	21Q71E0002	Aggala Jeevan Krishna Sai	C	45
9	21Q71E0003	Anisetty Bindu	C	45
10	21Q71E0004	Avaduthala Mohan Venkatesh	C	45

SI.NO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	21Q71E0005	Avugoddi Vinod Kumar	D	30
2	21Q71E0006	Bavaraju Tarun Kumar	D	30
3	21Q71E0007	Beesetti Babitha Sree	D	30
4	21Q71E0008	Bammidi Santosh Kumar	D	30
5	21Q71E0009	Boddakayala Varun	D	30
6	21Q71E0010	Botta Chandu Sai	D	30
7	21Q71E0011	Botta Lavanya Likitha	D	30
8	21Q71E0012	Chikkala Yamini	D	30
9	21Q71E0013	Chinni Hima Bindu	D	30
10	21Q71E0014	Dakarapu Pavan Kalyan	D	30

SI.NO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	21Q71E0015	Dantuluri Vijay Kumar Varma	E	45
2	21Q71E0016	Bevara Veni	E	45
3	21Q71E0017	Gadhiraju Sowmya	E	45
4	21Q71E0061	Sabbarapu Sukanya	E	45
5	21Q71E0062	Sahu Baby Priyanka	E	45
6	21Q71E0063	Sanapala Srivalli	E	45
7	21Q71E0064	Sayed Parveen Sultana	E	45
8	21Q71E0065	Singampalli Sasikala	E	45
9	21Q71E0066	Simhambatla Srirama Sarma	E	45
10	21Q71E0067	Tariniganti Santosh Kumar	E	45

Result: After the analysis of student's performance in Quiz program as listed above, the winner was announced by HOD: Group C


Head HOD-MBA

Master of Business Administration

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TUTORIALS

DEPARTMENT OF MANAGEMENT STUDIES

26/10/2021

Circular

This is information that all the Head of the Department should maintain the Academic Course file and same should be submit at the time of IQAC Audit. In that as per JNTUK indication 4 credit course must have its tutorial session. It should be reflect in the time table. Two class rooms need to be allocate and divide the two batches of each class students.

Copy to:

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2. IQAC
3. All HOD s
4. Faculty Circulation


Principal

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**DEPARTMENT OF MANAGEMENT STUDIES
TIME TABLE**

CLASS: I MBA I SEMESTER SCE-A

Class Incharge : Mr. K. Umamahesh							
DAY/TIME	9.50 TO 10.40	10.40 TO 11.30	11.30 TO 12.20	12.20 TO 1:00	1:00 TO 1:50	1:50 TO 2:30	2:40 TO 3:30
MON	AFM	MOB	QABD	LUNCH BREAK	BCSS	CCM	SEMINARS & CASE STUDY
TUE	ME	MOB	QABD		BCSS	CCM	BE/T
WED	QABD	ME	AFM		I.T LAB		
THU	QABD	AFM	CCM		BCSS	BE	MOB
FRI	BCSS	ME	BE		AFM	CCM	LIBRARY/T
SAT	ME	AFM	MOB		COMMUNICATION LAB		SPORTS

S.NO.	NAME OF THE FACULTY	DESIGNATION	SUBJECT NAME	DEPARTMENT
1	S.P. Sanothi	Asst. Prof	Accounting for Managers	MBA
2	K. Umamahesh	Asst. Prof	Managerial Economics	MBA
3	Yerrayya Endreddy	Asst. Prof	Management and Organizational Behavior	MBA
4	T. Srinivas	Asst. Prof	Quantitative Analysis for Business Decisions	MBA
5	Roop sundar	Asst. Prof	Business Communication and Soft skills	MBA
6	Dr. V.Sai prasanth	Assoc. Prof	Cross Cultural Management	MBA
7	K Swetha	Asst. Prof	Legal and Business Environment	MBA
8	Prasad	Asst. Prof	I.T.LAB	CSE
9	Dr. Ranjit	Assoc. Prof	COMMUNICATION LAB	BS&H

V. Sai Prasanth
HOD-MBA

Head of the Department
Master of Business Administration



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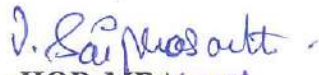
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CLASS: I MBA I SEMESTER SCE-B

Class Incharge : Mrs. K. Prathyusha shivkoti							
DAY/TIME	9.50 TO 10.40	10.40 TO 11.30	11.30 TO 12.20	12.20 TO 1:00	1:00 TO 1:50	1:50 TO 2:40	2:40 TO 3:30
MON	ME	QABD	MOB	LUNCH BREAK	BCSS	CCM	SPORTS
TUE	ME	MOB	QABD		I.T LAB/T		
WED	QABD	AFM	ME		BCSS	BE	CCM
THR	QABD	MOB	BE		AFM	BCSS	SEMINARS & CASE STUDY
FRI	BESS	AFM	ME		COMMUNICATION LAB		CCM/T
SAT	ME	MOB	AFM		BE	CCM	LIBRARY

S.NO.	NAME OF THE FACULTY	DESIGNATION	SUBJECT NAME	DEPARTMENT
1	S. Suman datta	Asst. Prof	Accounting For Managers	MBA
2	Y.Sravan kumar	Asst. Prof	Managerial Economics	MBA
3	K.Prathyusha shivkoti	Asst. Prof	Management And Organizational Behavior	MBA
4	Roop sundar	Asst. Prof	Quantitative Analysis For Business Decisions	MBA
5	Yerrayya Endreddy	Asst. Prof	Business Communication And Soft Skills	MBA
6	M.Dimple	Asst. Prof	Cross Cultural Management	MBA
7	R.Vasantha lakshmi	Asst. Prof	Legal And Business Environment	MBA
8	Prasad	Asst. Prof	I.T.Lab	CSE
9	Dr. Ranjit	Assoc. Prof	Communication Lab	BS&H

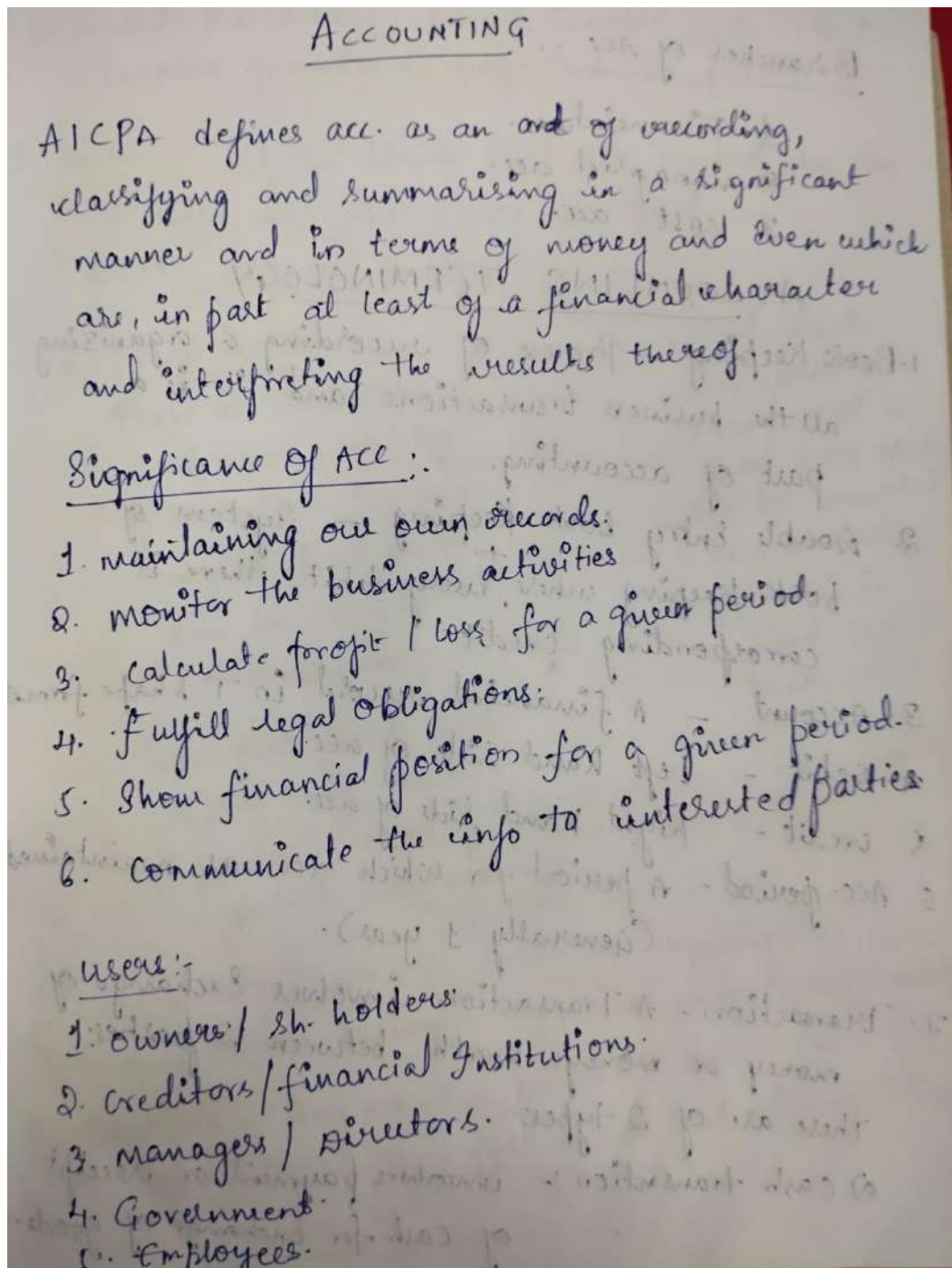

J. Sai Prasad
 Head of the Department
 Master of Business Administration
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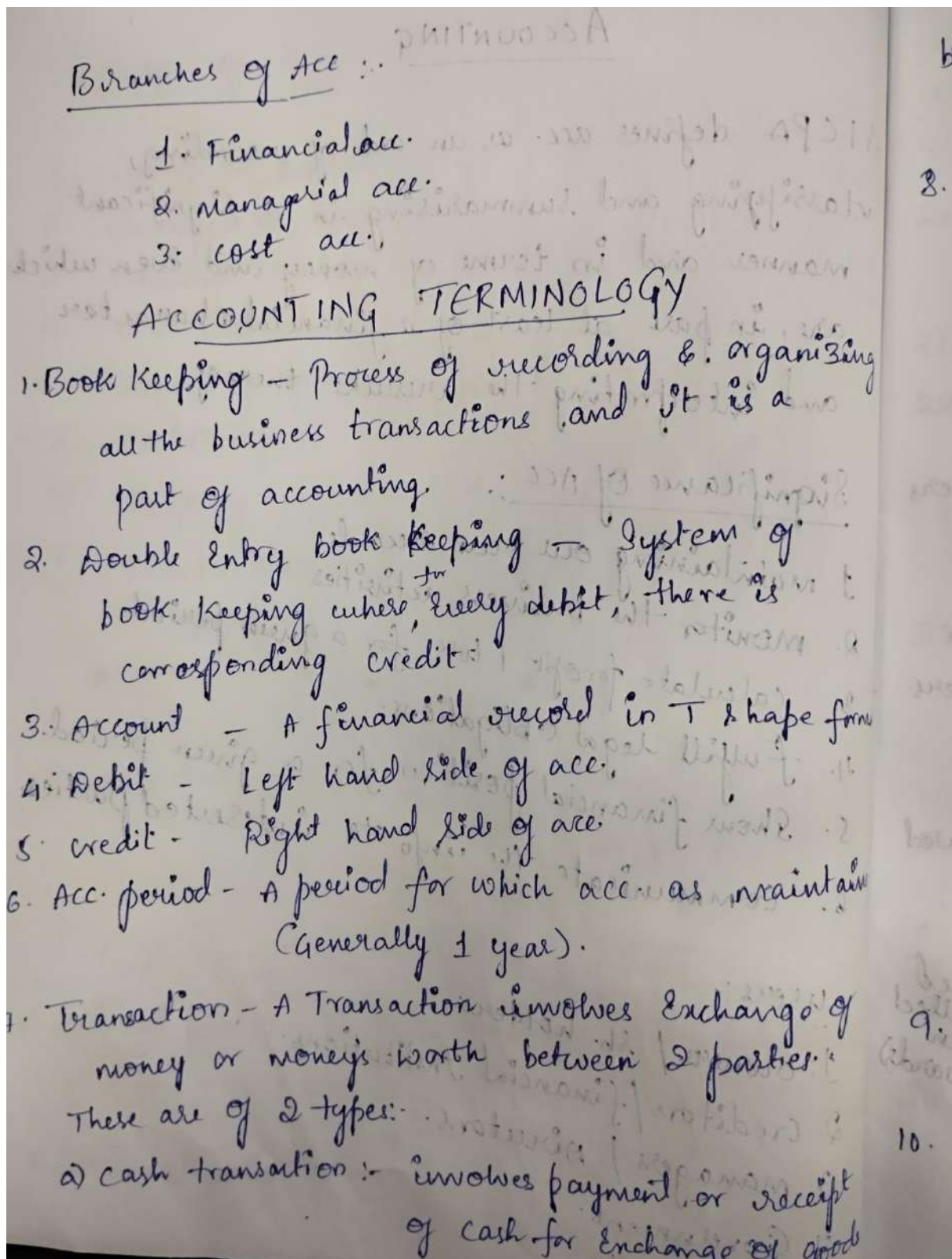


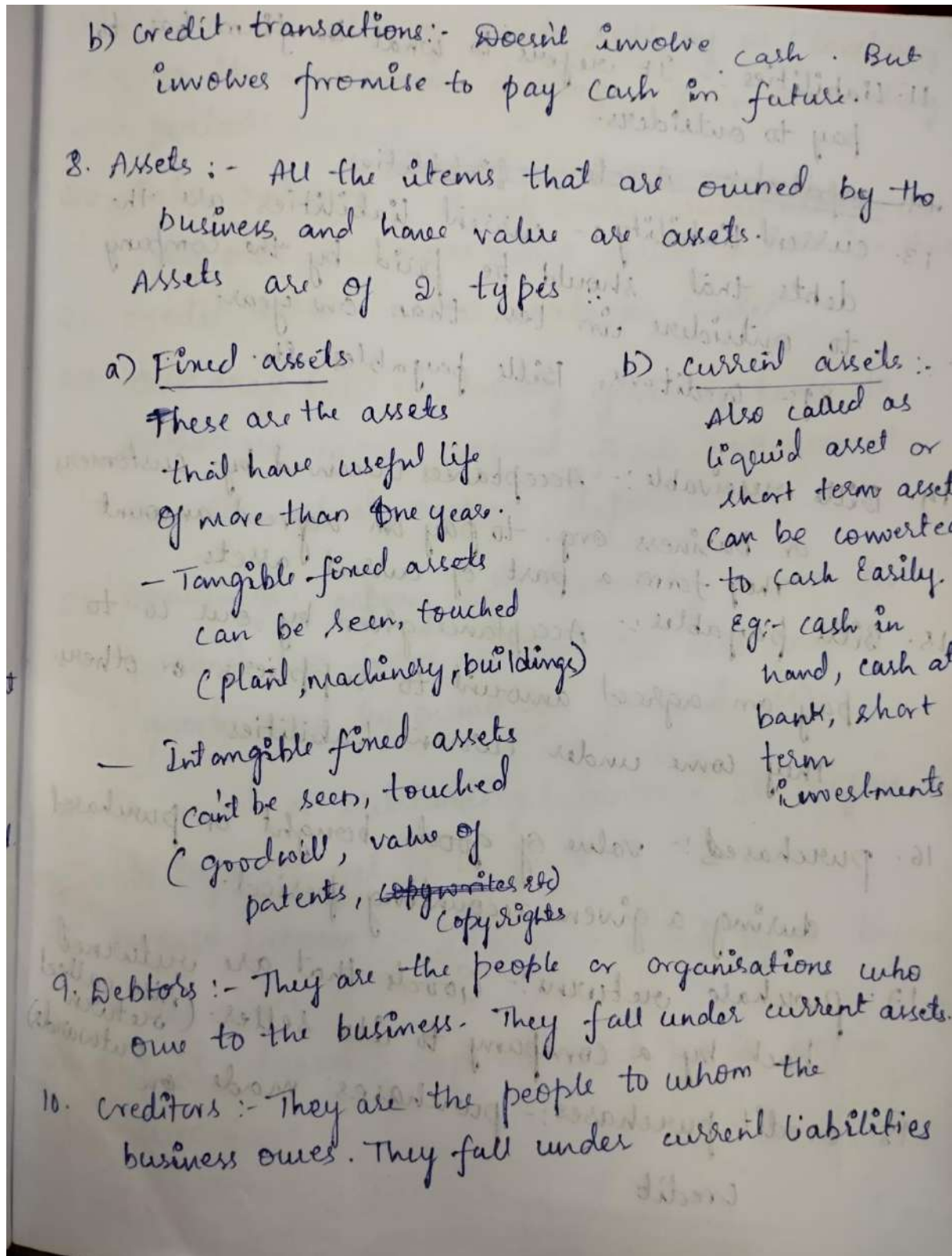
DEPARTMENT OF MANAGEMENT STUDIES
TUTORIAL ASSIGNMENT
SECTION -A, B

SUBJECT: **Accounting For Managers**
FACULTY NAME: S.P Santhoshi

ACADEMIC YEAR:-2021-2022
YEAR/SEM: - I/I









~~Journal~~

JOURNALS

Journal is derived from French word 'Jour' which means a day. Journal, therefore means a daily record of business transactions. Journal book is a book of original entry because a transaction is first written in the journal from which it is posted to the ledger at any convenient time. 'Journalising' means recording a transaction in the journal and the form in which it is recorded is known as a 'Journal Entry'.

PROFORMA OF JOURNAL

Date	Particulars	L/P	Dr amount	(Cr) amount



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DEPARTMENT OF MANAGEMENT STUDIES
TUTORIAL CLASSES ATTENDANCE SHEET

SUBJECT: **Accounting For Managers**

ACADEMIC YEAR:-2021-2022

FACULTY NAME: S.P Santhoshi

YEAR/SEM: - I/I

Sl. No	Regd.No	Name of the Student	DATE							
			01-02-2022	08-02-2022	15-02-2021	01-03-2022	04-03-2022	08-03-2022	11-03-2022	15-03-2022
1	21Q71E0001	Addepali Sirisha	A	✓	✓	A	✓	A	✓	✓
2	21Q71E0002	Aggala Jeevan Krishna Sai	✓	✓	A	✓	A	A	✓	✓
3	21Q71E0003	Anisetty Bindu	A	✓	✓	A	✓	A	✓	✓
4	21Q71E0004	Avaduthala Mohan Venkatesh	✓	✓	✓	A	✓	✓	✓	✓
5	21Q71E0005	Avugoddi Vinod Kumar	✓	✓	✓	A	✓	A	✓	A
6	21Q71E0006	Bavaraju Tarun Kumar	A	✓	✓	A	✓	✓	A	✓
7	21Q71E0007	Beesetti Babitha Sree	✓	A	✓	A	✓	✓	✓	A
8	21Q71E0008	Bammidi Santosh Kumar	✓	✓	✓	A	✓	✓	✓	A
9	21Q71E0009	Boddakayala Varun	A	A	✓	✓	A	✓	A	✓
10	21Q71E0010	Botta Chandu Sai	✓	✓	✓	A	✓	A	✓	✓
11	21Q71E0011	Botta Lavanya Likitha	✓	A	✓	A	✓	A	✓	A
12	21Q71E0012	Chikkala Yamini	A	✓	✓	A	✓	✓	✓	✓
13	21Q71E0013	Chinni Hima Bindu	✓	✓	✓	✓	✓	A	✓	✓
14	21Q71E0014	Dakarapu Pavan Kalyan	A	✓	✓	✓	✓	✓	✓	✓
15	21Q71E0015	Dantuluri Vijay Kumar Varma	✓	✓	✓	✓	✓	A	✓	✓



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16	21Q71E0016	Bevara Veni	A	✓	✓	✓	✓	A	✓	✓
17	21Q71E0017	Gadhiraju Sowmya	✓	✓	✓	A	✓	A	✓	✓
18	21Q71E0018	Gajjala Mallik Sai	A	✓	A	✓	✓	✓	✓	✓
19	21Q71E0019	Giduthuri Dedeepya	✓	✓	✓	✓	✓	✓	✓	✓
20	21Q71E0020	Goruputi Venkata Vinay	A	✓	✓	A	✓	A	✓	✓
21	21Q71E0021	Gudivada Jyothi Aparna	✓	✓	✓	✓	✓	✓	✓	✓
22	21Q71E0022	Gunna Sunil	✓	✓	✓	✓	✓	✓	✓	✓
23	21Q71E0023	Jamparangi Ramesh Babu	✓	✓	✓	✓	✓	A	✓	A
24	21Q71E0024	Kadagala Anu Radha	A	✓	✓	✓	A	✓	✓	A
25	21Q71E0025	Kadimisetti Umamaheswara Rao	✓	✓	A	✓	✓	A	✓	✓
26	21Q71E0026	Kalla Naga Navya	A	✓	✓	✓	A	✓	✓	✓
27	21Q71E0027	Kambala Lavanya	✓	✓	A	✓	✓	A	✓	✓
28	21Q71E0028	Kampara Pavan Kumar	A	✓	✓	A	✓	✓	✓	✓
29	21Q71E0029	Kanuri Lokesh Sai	✓	✓	✓	✓	A	✓	✓	✓
30	21Q71E0030	Karri Vanitha	✓	A	✓	✓	✓	A	✓	✓
31	21Q71E0031	Kilani Sravani	✓	✓	A	✓	✓	✓	✓	✓
32	21Q71E0032	Kolla Venkata Ayyappa Rahul Naidu	✓	✓	✓	✓	✓	✓	✓	✓
33	21Q71E0033	Kolli Harish	✓	✓	A	✓	A	✓	✓	A
34	21Q71E0034	Kommuju Sirja	A	✓	✓	✓	✓	✓	✓	✓
35	21Q71E0035	Kothakota Raghunadh Rao	✓	✓	✓	A	✓	✓	✓	✓
36	21Q71E0036	Koti Jeevan Chand	✓	✓	✓	✓	✓	✓	✓	✓
37	21Q71E0037	Karubhukta Triveni	✓	✓	✓	✓	✓	✓	✓	✓
38	21Q71E0038	Koyya Hima	A	✓	A	A	✓	✓	✓	✓



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		Bindu	✓	✓	A	✓	✓	✓	A	✓
39	21Q71E0039	Kuparala Siva	✓		✓	✓	✓	✓	✓	✓
40	21Q71E0040	Maddi Balakrishna	✓	✓	A	✓	✓	✓	A	✓
41	21Q71E0041	Majji Padmaja	✓	✓	✓	✓	✓	✓	A	✓
42	21Q71E0042	Kollavenkata Divya Sri	✓	✓	✓	✓	✓	✓	A	✓
43	21Q71E0043	Narda Viswanadha Reddy	✓	✓	A	✓	✓	A	✓	✓
44	21Q71E0044	Neelapu Rama Suresh	✓	✓	✓	✓	✓	A	✓	✓
45	21Q71E0045	Nouduleela Manohar	✓	A	✓	A	✓	✓	A	✓
46	21Q71E0046	Pallampati Srikanth	✓	✓	✓	A	✓	✓	✓	✓
47	21Q71E0047	Pandi Rambabu	✓	A	✓	A	✓	✓	✓	✓
48	21Q71E0048	Pasi Deepika	✓	✓	✓	A	✓	✓	✓	✓
49	21Q71E0049	Pathivada Ranjitha	✓	A	✓	✓	✓	✓	A	✓
50	21Q71E0050	Peddi Gowri Sankar	✓	✓	✓	✓	✓	✓	✓	✓
51	21Q71E0051	Peerubandi Kiran Kumar	✓	✓	✓	A	✓	A	✓	✓
52	21Q71E0052	Penumatsa Devisree	✓	✓	✓	✓	✓	✓	A	✓
53	21Q71E0053	Pesala Mounika	✓	✓	✓	✓	A	✓	✓	✓
54	21Q71E0054	Paila Latha	✓	A	✓	✓	A	✓	✓	✓
55	21Q71E0055	Pilla Dilip	✓	✓	✓	A	✓	✓	✓	✓
56	21Q71E0056	Pasumarthi Keerthi	✓	A	✓	✓	✓	✓	✓	✓
57	21Q71E0057	Ponduru Vikas	✓	✓	✓	✓	✓	✓	✓	✓
58	21Q71E0058	Pyla Divakar	A	A	✓	✓	A	✓	✓	A
59	21Q71E0059	Rajana Divya	✓	✓	✓	A	✓	✓	✓	A
60	21Q71E0060	Reddy Mounica Sai	✓	✓	✓	✓	✓	A	✓	A
61	21Q71E0061	Sabbarapu Sukanya	✓	✓	✓	✓	✓	A	✓	✓
62	21Q71E0062	Sahu Baby Priyanka	✓	✓	✓	✓	A	✓	✓	A
63	21Q71E0063	Sanapala Srivalli	✓	✓	✓	✓	✓	✓	✓	A



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64	21Q71E0064	Sayed Parveen Sultana	✓	A	✓	✓	✓	✓	✓	✓
65	21Q71E0065	Singampalli Sasikala	✓	✓	A	✓	✓	✓	✓	A
66	21Q71E0066	Simhambatla Srirama Sarma	A	✓	A	✓	A	A	✓	A
67	21Q71E0067	Tariniganti Santosh Kumar	✓	A	✓	✓	✓	A	✓	✓
68	21Q71E0068	Thamatapu Anitha	✓	✓	✓	✓	✓	✓	✓	✓
69	21Q71E0069	Ulabala Deepika	✓	A	✓	✓	A	✓	✓	✓
70	21Q71E0070	Yerra Sujana	✓	✓	✓	✓	✓	✓	✓	✓
71	21Q71E0071	Bodala Pavan Kalyan	✓	✓	A	✓	✓	✓	✓	A
72	21Q71E0072	Singampalli Narendra	✓	✓	A	✓	✓	✓	✓	✓
73	21Q71E0073	Chitra Sireesha	✓	A	✓	A	✓	A	✓	✓
74	21Q71E0074	Vikram Tejaswi	✓	✓	✓	A	A	✓	✓	✓
75	21Q71E0075	Pavani Maharana	✓	✓	A	✓	✓	✓	✓	✓
76	21Q71E0076	Ganta Bhargavi	✓	A	✓	✓	✓	A	✓	✓
77	21Q71E0077	Kola Jyothsna	✓	A	✓	✓	✓	A	✓	✓
78	21Q71E0078	Potharaju Dhanasri	✓	A	✓	✓	✓	✓	✓	✓
79	21Q71E0079	P Sai Duga	✓	✓	✓	✓	✓	✓	✓	✓
80	21Q71E0080	P. Divya Rani	A	✓	✓	A	✓	✓	✓	✓
81	21Q71E0081	Radha Polavarpu	✓	✓	✓	✓	✓	✓	✓	A
82	21Q71E0082	Gundu Teja Sri	✓	✓	A	✓	A	✓	✓	A

V. Suresh Babu
HOD-MBA

Head of the Department
Master of Business Administration
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c) Problem solving methodologies

1. Each course handling faculties are giving Case Study topic related their subject for analysis and discussion.
2. Faculties are conducting subjects of highly analytical nature, with the objective to increase problem solving capabilities, analytical thinking and logical ability.
3. Faculties are support to the students to attempt and solve problems individually and independently.
4. For the tutorial session, a class is divided into two groups and faculty members are assigned to each group separately.
5. Giving assignments and quizzes at the end of instruction of each unit.

All academic activities are aimed at elevating the students' knowledge, skills and build confidence in them.

Problem Solving Methodologies

- Quiz program
- Tutorials
- Problem solving classes
- Case studies



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DEPARTMENT OF MECHANICAL ENGINEERING

**Report on Quiz Program on "Mechanical Engineering, Current Affairs & General
knowledge"**

Academic Year: 2021-2022

Timings: 10:20 am to 11:20 am

B.Tech Year/Semester: All Students

Date: 26/02/2022

MR. R. Raghava Rao, Assist. Prof, has conducted a Quiz Program on "" for All year students. 50 members have participated in the Technical fest event. This program was organized under the guidance of Mrs.Lakshmi Sramika, HOD, Mechanical Engineering.

The total strength was divided into 5 groups. The event was started by introducing about the Quiz program and giving instructions to the students, by the concern faculty. And then he started asking questions the students who knows the answer are giving answers.

Students are actively participated the program and they exposed to learn more beyond the subject. They are showing interest to attend this type of programs in our institution. They get motivated by the faculty to participate such programs.



The Question Paper

1. According to principle of conservation of energy, the total momentum of a system of masses in any direction remains constant unless acted upon by an external force in that direction.

True

False

2. The friction experienced by a body, when in motion, is known as

Rolling friction

Dynamic friction

Limiting friction

Static friction

3. Two balls of equal mass and of perfectly elastic material are lying on the floor. One of the ball with velocity v is made to struck the second ball. Both the balls after impact will move with a velocity

v

$v/2$

$v/4$

$v/8$

4. The term 'force' may be defined as an agent which produces or tends to produce, destroys or tends to destroy motion.

Agree

Disagree

5. Strain energy is the

Energy stored in a body when strained within elastic limits

Energy stored in a body when strained upto the breaking of a specimen

Maximum strain energy which can be stored in a body

Proof resilience per unit volume of a material



6. A vertical column has two moments of inertia (i.e. I_{xx} and I_{yy}). The column will tend to buckle in the direction of the

Axis of load

Perpendicular to the axis of load

Maximum moment of inertia

Minimum moment of inertia

7. The neutral axis of the cross-section a beam is that axis at which the bending stress is

Zero

Minimum

Maximum

Infinity

8. Euler's formula holds good only for

Short columns

Long columns

Both short and long columns

Weak columns

9. The object of caulking in a riveted joint is to make the joint

Free from corrosion

Stronger in tension

Free from stresses

Leak-proof

10. One litre of water occupies a volume of

100 cm³

250 cm³

500 cm³

1000 cm³

11. The value of bulk modulus of a fluid is required to determine

Reynold's number

Froude's number

Mach number

Euler's number

12. In a depressed nappe

The pressure below the nappe is atmospheric

The pressure below the nappe is negative

The pressure above the nappe is atmospheric

The pressure above the nappe is negative

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13. In one dimensional flow, the flow

Is steady and uniform

Takes place in straight line

Takes place in curve

Takes place in one direction

14. The kinematic viscosity is the

Ratio of absolute viscosity to the density of the liquid

Ratio of density of the liquid to the absolute viscosity

Product of absolute viscosity and density of the liquid

Product of absolute viscosity and mass of the liquid

1. What is the Corporate Profit to GDP ratio in India, as registered in FY 22?

[A] 2.63%

[B] 5.55%

[C] 10.2%

[D] 20.2%

2. The ‘Race to Zero’ campaign, which was making news recently, is associated with which field?

[A] Climate Change

[B] Covid Vaccination

[C] Artificial Intelligence

[D] Agriculture

3. Tardigrades, which would be sent to the International Space Station by NASA, are also called as....

[A] Water Spiders

[B] Water Bears

[C] Water Mice

[D] Water Horses

4. What is the name of the homemade Covid-19 vaccine launched by Pakistan, with the help of China?

[A] PakVac

[B] SinoVac

[C] CovPak

5. APEDA identified Mathura and Banaskantha as clusters for export development in which sector?

[A] Textile

[B] Dairy

[C] Cotton

[D] Fruits

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6. CSIR-NCL developed a technology called ‘SWASTIIK’, to disinfect water using which medicinal system?

- [A] Siddha
- [B] Ayurveda
- [C] Homeopathy
- [D] Sowa-Rigpa

7. Which is India’s first institution to be declared as Standard Developing Organization (SDO)?

- [A] RDSO
- [B] IRCTC
- [C] DRDO
- [D] RITES

8. Which Indian state topped the NITI Aayog’s Sustainable Development Goals (SDG) Index?

- [A] Himachal Pradesh
- [B] Kerala
- [C] Gujarat
- [D] Tamil Nadu

9. Which country is to play host to the UN Sustainable Transport Conference 2021?

- [A] India
- [B] China
- [C] Japan
- [D] Australia

10. Which decade has been declared as the UN Decade on Ecosystem Restoration?

- [A] 2020-2029
- [B] 2021-2030
- [C] 2022-2031
- [D] 2025-2034

1. Grand Central Terminal, Park Avenue, New York is the world's
largest railway station
highest railway station
Longest railway station
None of the above

2. Entomology is the science that studies
Behavior of human beings
Insects
The origin and history of technical and scientific terms
The formation of rocks



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3. For which of the following disciplines is Nobel Prize awarded?

- Physics and Chemistry
- Physiology or Medicine
- Literature, Peace and Economics
- All of the above

4. 'OS' computer abbreviation usually means?

- Order of Significance
- Open Software
- Operating System
- Optical Sensor

5. In which decade with the first transatlantic radio broadcast occur?

- 1850s
- 1860s
- 1870s
- 1900s

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Quiz Program Participated Attendance Sheet

SLNO	REGD.NO	NAME OF THE STUDENT	SIGANATURE
1	18Q71A0307	Bevara Jairam	B. Jairam
2	18Q71A0308	Bhogadi Prasanth	B. Prasanth
3	18Q71A0309	Bhyravabhatla Anil	Anil
4	18Q71A0310	Buddha R.R. Santosh Kumar	B.R.R. Santosh Kumar
5	18Q71A0311	Chalamala Sateesh	C. Sateesh
6	18Q71A0312	Chelluri Venkata Harshavardhan	C.V. Harshavardhan
7	18Q71A0314	Chukka Hemanth	C. Hemanth
8	19Q75A0332	Kasimkota Upendra	K. Upendra
9	19Q75A0333	Katta Chandra Rao	Chandra Rao
10	19Q75A0334	Maddala Pavankumar	M. Pavankumar
11	19Q75A0335	Nadimpalli Vijay Kumar Varma	N.V.K. Varma
12	19Q71A0353	Voleti Praveen Kumar	Praveen Kumar
13	19Q71A0354	Gumpa Bhanuchandar	G. Bhanuchandar
14	19Q71A0355	Koppara Sai Kumar	K. Sai Kumar
15	19Q71A0356	Nammi Naga Jyothi Swaroop	N.N.S. Swaroop
16	20Q75A0362	Agathmudi Yashwanth	A. Yashwanth
17	20Q75A0363	Alugolu Sai Mohan	A. Sai Mohan
18	20Q75A0364	Amalapuram Sekhar	A. Sekhar
19	20Q75A0365	Ambati Sandeep	A. Sandeep
20	20Q75A0366	Animireddy Chaitanya Kumar	Chaitanya Kumar
21	20Q75A0367	Bagadi Murali	B. Murali
22	20Q75A0368	Battina Sai Prashant	Sai Prashant
23	20Q71A0348	Behara Bharadwaja Patnaik	B. Bharadwaja Patnaik
24	20Q71A0349	Billa Sekhar	B. Sekhar
25	20Q71A0350	Bodha Sai Tharun	B. Sai Tharun
26	20Q71A0351	Bonthu Satish	B. Satish
27	20Q71A0353	Dasari Hari	D. Hari
28	21Q75A0320	Mantrabudi Naresh	Naresh
29	21Q75A0322	Masabathul Tirupathi Rao	M. Tirupathi Rao
30	21Q75A0323	Meesala Ravi Kumar	M. Ravi Kumar
31	21Q75A0324	Mohammed Sohail	M. Sohail
32	21Q75A0325	Morchi Shanmukha	M. Shanmukha
33	21Q75A0326	Padagala Durgaprasad	P. Durgaprasad
34	21Q71A0301	Dasari Karthik	D. Karthik
35	21Q71A0302	J Satish Reddy	J. S. Reddy
36	21Q71A0303	Jogi Maharaju	J. Maharaju

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37	21Q71A0304	Kirru Pavan	
38	21Q71A0305	Kovvuru Chandrakala Divakar	Dhivelen
39	21Q71A0306	Lingampalli Gopisaikanth	Gopini
40	18521A0309	Gulipalli Siva Sai	Siva Sai
41	18521A0310	Kasine Vamshi	K. Vamsi
42	18521A0311	Kondapu Shiva	Shiva
43	18521A0312	Nalla Chinna Rao	N. Chinna Rao
44	18521A0313	Pakkurthi Tata Rao	P. Tata Rao
45	18521A0316	Rudrabhatla Ram Rohit	R. Rohit
46	18521A0317	Seerapu Sankara Rao	S. Sankar Rao
47	18521A0318	Singupuram Pratap	S. Pratap
48	18521A0319	Tamarala Abhishek	Abhishek
49	19525A0306	Banna Hemanth	Hemanth
50	19525A0307	Behara Hemanth	H. Hemanth
51	19525A0313	Devara Bala Vamsi	D. Bala Vamsi
52	19525A0314	Dogga Anilkumar	A. Anilkumar
53	19525A0328	Kilari Ramana	Ramana
54	19525A0329	Killi Bharath	K. Bharath
55	19525A0331	Komara Anil	K. Anil
56	19525A0332	Komara Yerrayya	Yerrayya
57	19525A0334	Koyya Srinu	Srinu

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DEPARTMENT OF MECHANICAL ENGINEERING

**Question paper Quiz Program on "Mechanical Engineering, Current Affairs & General
knowledge"**

Academic Year: 2021-2022

Timings: 10:20 am to 11:20 am

B.Tech Year/Semester: Participated students

Date: 26/02/2022

MARKS

SI.NO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	18Q71A0306	Bennada Tulashi Ramu	A	20
2	18Q71A0307	Bevara Jairam	A	20
3	18Q71A0308	Bhogadi Prasanth	A	20
4	18Q71A0309	Bhyravabhatla Anil	A	20
5	18Q71A0310	Buddha Ramji Rupesh Santosh Kumar	A	20
6	18Q71A0311	Chalamala Sateesh	A	20
7	18Q71A0312	Chelluri Venkata Harshavardhan	A	20
8	18Q71A0314	Chukka Hemanth	A	20
9	19Q75A0332	Kasimkota Upendra	A	20
10	19Q75A0333	Katta Chandra Rao	A	20

SI.NO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	19Q75A0334	Maddala Pavankumar	B	60
2	19Q75A0335	Nadimpalli Vijay Kumar Varma	B	60
3	19Q71A0353	Voleti Praveen Kumar	B	60
4	19Q71A0354	Gumpa Bhanuchandar	B	60
5	19Q71A0355	Koppara Sai Kumar	B	60
6	19Q71A0356	Nammi Naga Jyothi Swaroop	B	60
7	20Q75A0362	Agathmudi Yashwanth	B	60
8	20Q75A0363	Alugolu Sai Mohan	B	60
9	20Q75A0364	Amalapuram Sekhar	B	60
10	20Q75A0365	Ambati Sandeep	B	60

SI.NO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
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5	20Q71A0349	Billa Sekhar	C	30
6	20Q71A0350	Bodha Sai Tharun	C	30
7	20Q71A0351	Bonthu Satish	C	30
8	20Q71A0353	Dasari Hari	C	30
9	21Q75A0320	Mantrabudi Naresh	C	30
10	21Q75A0322	Masabathul Tirupathi Rao	C	30

SI.NO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	21Q75A0323	Meesala Ravi Kumar	D	45
2	21Q75A0324	Mohammed Sohail	D	45
3	21Q75A0325	Morchi Shanmukha	D	45
4	21Q75A0326	Padagala Durgaprasad	D	45
5	21Q71A0301	Dasari Karthik	D	45
6	21Q71A0302	J Satish Reddy	D	45
7	21Q71A0303	Jogi Maharaju	D	45
8	21Q71A0304	Kirru Pavan	D	45
9	21Q71A0305	Kovvuru Chandrakala Divakar	D	45
10	21Q71A0306	Lingampalli Gopisaikanth	D	45

Result: After the analysis of student's performance in Quiz program as listed above, the winner was announced by HOD: Group B

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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 1/10/2021

Circular

This is information that all the Head of the Department should maintain the Academic Course file and same should be submit at the time of IQAC Audit. In that as per JNTUK indication 4 credit course must have its tutorial session. It should be reflect in the time table. Two class rooms need to be allocated and divide the two batches of each class students.

Copy to:

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3. All HoDs
4. Faculty Circulation


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DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE AY -2021-22

CLASS:IV BTECH I SEM-B

DAY/TIME	9:30-10:30	10:30-11:20	11:20-12:10	12:10-1:00	1:00-1:50	1:50-2:20	2:20-3:30	3:30-4:20
MON	CAD/CAM	FEM	MECHAT.	LUNCH	ADM	CAD/CAM/MECHAT. LAB		
TUE	MECHAT.	CAD/CAM	FEM		TUTORIAL CLASSES	PPE	ADM	
WED	FEM	MECHAT.	PPE		CAD/CAM	ADM	DFM	LIBRARY
THU	DFM	FEM	CAD/CAM		ADM	CAD/CAM/MECHAT. LAB		
FRI	ADM	MECHAT.	PPE		CAD/CAM	DFM	ADM	
SAT	ADM	PPE	DFM		CRT	DFM	SPORTS	

S.NO.	NAME OF THE FACULTY	DESIGNATION	SUBJECT NAME	DEPARTMENT
1	M.RAMESH	Assistance Professor	Mechatronics	E.C.E
2	G.RAMANJANEYALU	Assistance Professor	Cad/cam	Mechanical
3	RAGHU MAHARANA	Assistance Professor	Finite Element Methods	Mechanical
4	K.MOHAN PRADEEP	Assistance Professor	Power Plant Engineering	Mechanical
5	SRINU KOTHA	Assistance Professor	Additive Manufacturing	Mechanical
6	M.VENKATESH	Assistance Professor	Design for Manufacture	Mechanical
7	G.RAMANJANEYALU	Assistance Professor	Cad/cam lab	Mechanical
8	M. VENKATESH	Assistance Professor	Mechatronics Lab	Mechanical
9	SARANTEJ VULLI	Assistance Professor	Class Incharge	Mechanical

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DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE AY -2021-22

CLASS: IV BTECH I SEM-C

DAY/TIME	9:30-10:30	10:30-11:20	11:20-12:10	12:10-1:00	1:00-1:50	1:50-2:20	2:20-3:30	3:30-4:20
MON	CAD/CAM	FEM	MECH. AT.	LUNCH	ADM	DFM	DFM	LIBRARY
TUE	MECH AT.	CAD/CAM	FEM		TUTORIAL CLASSES		PPE	ADM
WED	FEM	MECH AT.	PPE		ADM	CAD/CAM/MECHATRONIC AD/CAM LAB		
THU	DFM	FEM	CAD/CAM		ADM	CAD/CAM/MECHATRONIC AD/CAM LAB		
FRI	ADM	MECH AT.	PPE		CAD/CAM	DAASUALT	ADM	
SAT	ADM	PPE	DFM		CRT		DFM	SPORTS

S.NO.	NAME OF THE FACULTY	DESIGNATION	SUBJECT NAME	DEPARTMENT
1	M.Ramesh	Assistance Professor	Mechatronics	E.C.E
2	G.Ramu	Associate Professor	Cad/cam	Mechanical
3	K.JASWANTH	Assistance Professor	Finite Element Methods	Mechanical
4	Dr.A.M.V.Praveen	Associate Professor	Power Plant Engineering	Mechanical
5	B.Hari Krishna Yadav	Assistance Professor	Additive Manufacturing	Mechanical
6	G.Lavanya Lakshmi	Assistance Professor	Design for Manufacture	Mechanical
7	G.Ramu	Assistance Professor	Cad/cam lab	Mechanical
8	B.HARI KRISHNA YADAV	Assistance Professor	Mechatronics Lab	Mechanical
9	G.Ramanjaneyalu	Assistance Professor	Class Incharge	Mechanical


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DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE AY -2021-2022

CLASS: IV BTECH I SEM-A

DAY/TIME	9:30-10:30	10:30-11:20	11:20-12:10	12:10-1:00	1:00-1:50	1:50-2:20	2:20-3:30	3:30-4:20
MON	MECHAT.	CAD/CAM	FEM	LUNCH	TUTORIAL CLASSES		PPE	ADM
TUE	CAD/CAM	MECHAT.	FEM		ADM	CAD/CAM/MECHATRONICS LAB		
WED	FEM	PPE	MECHAT.		CAD/CAM	ADM	DFM	LIBRARY
THU	PPE	FEM	DFM		CRT		DFM	SPORTS
FRI	ADM	FEM	PPE			CAD/CAM		ADM
SAT	DFM	CAD/CAM	PPE		ADM	CAD/CAM/MECHATRONICS LAB		

S.NO.	NAME OF THE FACULTY	DESIGNATION	SUBJECT NAME	DEPARTMENT
1	B.SUDHA	Assistance Professor	Mechatronics	E.C.E
2	K.K.R.PARIMALA	Associate Professor	Cad/cam	Mechanical
3	M.LAKSHMI SRAMIKA	Associate Professor	Finite Element Methods	Mechanical
4	V.MADHU VAMSI	Associate Professor	Power Plant Engineering	Mechanical
5	VOMMI PRADEEP KUMAR	Associate Professor	Additive Manufacturing	Mechanical
6	DR.AVINASH BEN	Professor	Design for Manufacture	Mechanical
7	K.K.R.PARIMALA	Assistance Professor	Cad/cam lab	Mechanical
8	RAGHU MAHARANA	Assistance Professor	Mechatronics Lab	Mechanical
9	SUNIL.JENA	Assistance Professor	Class Incharge	Mechanical

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DEPARTMENT OF MECHANICAL ENGINEERING

SECTION -A, B & C

SUBJECT: FINITE ELEMENT METHOD

Academic Year:-2021-2022

FACULTY NAME: M.LAKSHMI SRAMIKA

Year/Sem: - IV/I

S.NO	DATE	TUTORIAL TOPIC	NO. OF STUDENTS PRESENT
1	18/10/2021	Derivation of strain - displacement relations, stress- strain relations	85
2	20/10/2021	Discretization procedures, Node numbering, mesh generation	87
3	21/10/2021	Concept of potential energy , Variation and weighted residual methods.	92
4	25/10/2021	Local and global coordinates , Boundary conditions	87
5	26/10/2021	shape functions of 1-D element and problem, Assembly of global stiffness matrix and load vector	85
6	27/10/2021	Treatment of boundary conditions, stress, strain, and support reaction calculations for tress.	99
7	28/10/2021	Derivation of load vector for concentrated and UDL	94
8	1/11/2021	Formulation of axisymmetric problems	82
9	2/11/2021	Lumped mass matrices , Evaluation of Eigen vectors	86
10	3/11/2021	1-D & 2-D analysis of a fin	92

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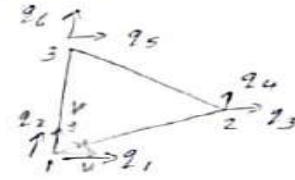
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Strain - Displacement matrix for CST element:

We know that the strain - displacement relations for a two dimensional element are given by.

$$\{\epsilon\} = \begin{Bmatrix} \epsilon_x \\ \epsilon_y \\ \gamma_{xy} \end{Bmatrix} = \begin{Bmatrix} \frac{\partial u}{\partial x} \\ \frac{\partial v}{\partial y} \\ \frac{\partial v}{\partial x} + \frac{\partial u}{\partial y} \end{Bmatrix}$$



now the displacements are expressed as -

$$u = N_1 u_1 + N_2 u_2 + N_3 u_3$$

$$v = N_1 v_1 + N_2 v_2 + N_3 v_3$$

where u = deformation in x - direction

v = deformation in y - direction

$$\begin{aligned} u &= \xi u_1 + \eta u_2 + (1 - \xi - \eta) u_3 \\ &= \xi u_1 + \eta u_2 + u_3 - \xi u_3 - \eta u_3 \\ &= \xi(u_1 - u_3) + \eta(u_2 - u_3) + u_3 \\ &= \xi u_{13} + \eta u_{23} + u_3 \end{aligned}$$

similarly

$$\begin{aligned} v &= \xi(v_1 - v_3) + \eta(v_2 - v_3) + v_3 \\ &= \xi v_{13} + \eta v_{23} + v_3 \end{aligned}$$

isoparametric representation.

$$x = N_1 x_1 + N_2 x_2 + N_3 x_3$$

$$y = N_1 y_1 + N_2 y_2 + N_3 y_3$$

$$\begin{aligned} x &= \xi(x_1 - x_3) + \eta(x_2 - x_3) + x_3 \\ &= \xi x_{13} + \eta x_{23} + x_3 \end{aligned}$$

$$y = \xi y_{13} + \eta y_{23} + y_3$$



let $u = u(x, y)$, $v = v(x, y)$

$u = u\{x(\xi, \eta), y(\xi, \eta)\}$; $v = v\{x(\xi, \eta), y(\xi, \eta)\}$

By using chain rule.

$$\frac{\partial u}{\partial \xi} = \frac{\partial u}{\partial x} \cdot \frac{\partial x}{\partial \xi} + \frac{\partial u}{\partial y} \cdot \frac{\partial y}{\partial \xi}$$

$$\frac{\partial u}{\partial \eta} = \frac{\partial u}{\partial x} \cdot \frac{\partial x}{\partial \eta} + \frac{\partial u}{\partial y} \cdot \frac{\partial y}{\partial \eta}$$

$$\begin{Bmatrix} \frac{\partial u}{\partial \xi} \\ \frac{\partial u}{\partial \eta} \end{Bmatrix} = \begin{bmatrix} \frac{\partial x}{\partial \xi} & \frac{\partial y}{\partial \xi} \\ \frac{\partial x}{\partial \eta} & \frac{\partial y}{\partial \eta} \end{bmatrix} \begin{Bmatrix} \frac{\partial u}{\partial x} \\ \frac{\partial u}{\partial y} \end{Bmatrix}$$

$$= [J] \begin{Bmatrix} \frac{\partial u}{\partial x} \\ \frac{\partial u}{\partial y} \end{Bmatrix}$$

where $[J] = \text{Jacobian matrix}$.

$$= \begin{bmatrix} \frac{\partial x}{\partial \xi} & \frac{\partial y}{\partial \xi} \\ \frac{\partial x}{\partial \eta} & \frac{\partial y}{\partial \eta} \end{bmatrix} = \begin{bmatrix} x_{13} & y_{13} \\ x_{23} & y_{23} \end{bmatrix}$$

$$\begin{Bmatrix} \frac{\partial u}{\partial \xi} \\ \frac{\partial u}{\partial \eta} \end{Bmatrix} = \begin{bmatrix} x_{13} & y_{13} \\ x_{23} & y_{23} \end{bmatrix} \begin{Bmatrix} \frac{\partial u}{\partial x} \\ \frac{\partial u}{\partial y} \end{Bmatrix}$$

$$\begin{Bmatrix} \frac{\partial u}{\partial \xi} \\ \frac{\partial u}{\partial \eta} \end{Bmatrix} = [J^{-1}] \begin{Bmatrix} \frac{\partial u}{\partial x} \\ \frac{\partial u}{\partial y} \end{Bmatrix}$$

$$J^{-1} = \frac{\text{adj } J}{|J|}$$

where

$$J^{-1} = \begin{bmatrix} y_{23} & -y_{13} \\ -x_{23} & x_{13} \end{bmatrix}$$

$$|x_{13} y_{23} - x_{23} y_{13}|$$

$$J = \begin{bmatrix} A & B \\ C & D \end{bmatrix}$$

$$J^{-1} = \begin{bmatrix} D & -B \\ -C & A \end{bmatrix}$$

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$$P_{22} = \frac{1}{2} |J| \Rightarrow |J| = 2 P_{22}$$

$$\begin{Bmatrix} \frac{\partial v}{\partial x} \\ \frac{\partial v}{\partial y} \end{Bmatrix} = \frac{1}{|J|} \begin{bmatrix} y_{23} & -y_{13} \\ -x_{23} & x_{13} \end{bmatrix} \begin{Bmatrix} \frac{\partial v}{\partial \xi} \\ \frac{\partial v}{\partial \eta} \end{Bmatrix}$$

$$= \frac{1}{|J|} \begin{bmatrix} y_{23} & -y_{13} \\ -x_{23} & x_{13} \end{bmatrix} \begin{Bmatrix} z_{15} \\ z_{35} \end{Bmatrix}$$

$$= \frac{1}{|J|} \begin{Bmatrix} y_{23} z_{15} - y_{13} z_{35} \\ -x_{23} z_{15} + x_{13} z_{35} \end{Bmatrix}$$

$$\begin{Bmatrix} \frac{\partial v}{\partial x} \\ \frac{\partial v}{\partial y} \end{Bmatrix} = \frac{1}{|J|} \begin{bmatrix} y_{23} & -y_{13} \\ -x_{23} & x_{13} \end{bmatrix} \begin{Bmatrix} \frac{\partial v}{\partial \xi} \\ \frac{\partial v}{\partial \eta} \end{Bmatrix}$$

$$= \frac{1}{|J|} \begin{bmatrix} y_{23} & -y_{13} \\ -x_{23} & x_{13} \end{bmatrix} \begin{Bmatrix} z_{26} \\ z_{46} \end{Bmatrix}$$

$$= \frac{1}{|J|} \begin{Bmatrix} y_{23} z_{26} - y_{13} z_{46} \\ -x_{23} z_{26} + x_{13} z_{46} \end{Bmatrix}$$

$$E = \begin{Bmatrix} e_x \\ e_y \\ e_z \end{Bmatrix} = \begin{Bmatrix} \frac{\partial v}{\partial x} \\ \frac{\partial v}{\partial y} \\ \frac{\partial v}{\partial z} + \frac{\partial v}{\partial \xi} \end{Bmatrix}$$

$$E = \frac{1}{|J|} \begin{Bmatrix} y_{23} z_{15} - y_{13} z_{35} \\ -x_{23} z_{26} + x_{13} z_{46} \\ -x_{23} z_{15} + x_{13} z_{35} + y_{23} z_{26} - y_{13} z_{46} \end{Bmatrix}$$

now split it ...

$$= \frac{1}{|J|} \begin{Bmatrix} y_{23} (z_1 - z_5) - y_{13} (z_3 - z_5) \\ -x_{23} (z_2 - z_6) + x_{13} (z_4 - z_6) \\ -x_{23} (z_1 - z_5) + x_{13} (z_3 - z_5) + y_{23} (z_2 - z_6) - y_{13} (z_4 - z_6) \end{Bmatrix}$$

$$= \frac{1}{|J|} \begin{bmatrix} y_{23} & 0 & -y_{13} & 0 & -y_{23} + y_{13} & 0 \\ 0 & -x_{23} & 0 & x_{13} & 0 & (x_{23} - x_{13}) \\ -x_{23} & y_{23} & x_{13} & -y_{13} & (x_{23} - x_{13}) & (-y_{23} + y_{13}) \end{bmatrix} \begin{Bmatrix} z_1 \\ z_2 \\ z_3 \\ z_4 \\ z_5 \\ z_6 \end{Bmatrix}$$

$$-y_{23} + y_{13}$$

$$-y_2 - y_3 + y_1 = y_3$$

$$\Rightarrow -y_{21}$$

$$\Rightarrow y_{12}$$

$$E = \frac{1}{|J|} \begin{bmatrix} y_{23} & 0 & y_{31} & 0 & y_{12} & 0 \\ 0 & x_{32} & 0 & x_{13} & 0 & x_{21} \\ x_{32} & y_{23} & x_{13} & y_{31} & x_{21} & y_{12} \end{bmatrix} \begin{Bmatrix} z_1 \\ z_2 \\ z_3 \\ z_4 \\ z_5 \\ z_6 \end{Bmatrix}$$

$E = B \xi$ B Z



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Tutorial Classes Attendance Sheet

Year/Sem: - IV/I-A

Subject: FINITE ELEMENT METHOD

Academic Year:-2021-2022

Faculty Name: M.Lakshmi Sramika

SI.NO	REGD.NO	DATE					
		6-9-2021	13-9-2021	20-9-2021	27-9-2021	4-10-2021	18-10-2021
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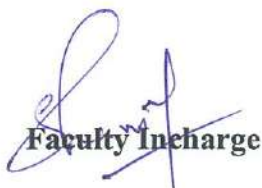


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Year/Sem: - IV/I-B

Subject: FINITE ELEMENT METHOD

Academic Year:-2021-2022

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		7-9-2021	14-9-2021	21-9-2021	28-9-2021	5-10-2021	26-10-2021
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Year/Sem: - IV/I-C

Subject: FINITE ELEMENT METHOD

Academic Year:-2021-2022

Faculty Name: M.Lakshmi Sramika

SL.NO	REGD.NO	DATE					
		7-9-2021	14-9-2021	21-9-2021	28-9-2021	5-10-2021	26-10-2021
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36	19Q75A0389	A	✓	✓	✓	✓	✓
37	19Q75A0390	✓	✓	A	✓	✓	✓
38	19Q75A0392	✓	✓	✓	✓	✓	A
39	19Q75A0393	✓	A	✓	✓	✓	✓
40	19Q75A0394	✓	✓	✓	A	✓	✓
41	19Q75A0395	✓	✓	✓	✓	A	✓
42	19Q75A0396	A	✓	✓	✓	✓	✓
43	19Q75A0397	✓	✓	A	✓	✓	✓
44	19Q75A0398	✓	✓	✓	✓	✓	A
45	19Q75A0399	✓	A	✓	✓	✓	✓
46	19Q75A03A0	✓	✓	✓	A	✓	✓
47	19Q75A03A1	A	✓	✓	✓	✓	✓
48	18521A0317	✓	✓	✓	✓	A	✓
49	18521A0318	✓	✓	A	✓	✓	✓
50	18521A0319	✓	✓	✓	✓	✓	A
51	19525A0353	✓	A	✓	✓	✓	✓

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52	19525A0363	✓	✓	✓	✓	A	✓
53	19525A0364	✓	✓	✓	✓	✓	A
54	19525A0365	A	✓	✓	✓	✓	✓

[Signature]
Faculty Incharge

[Signature]
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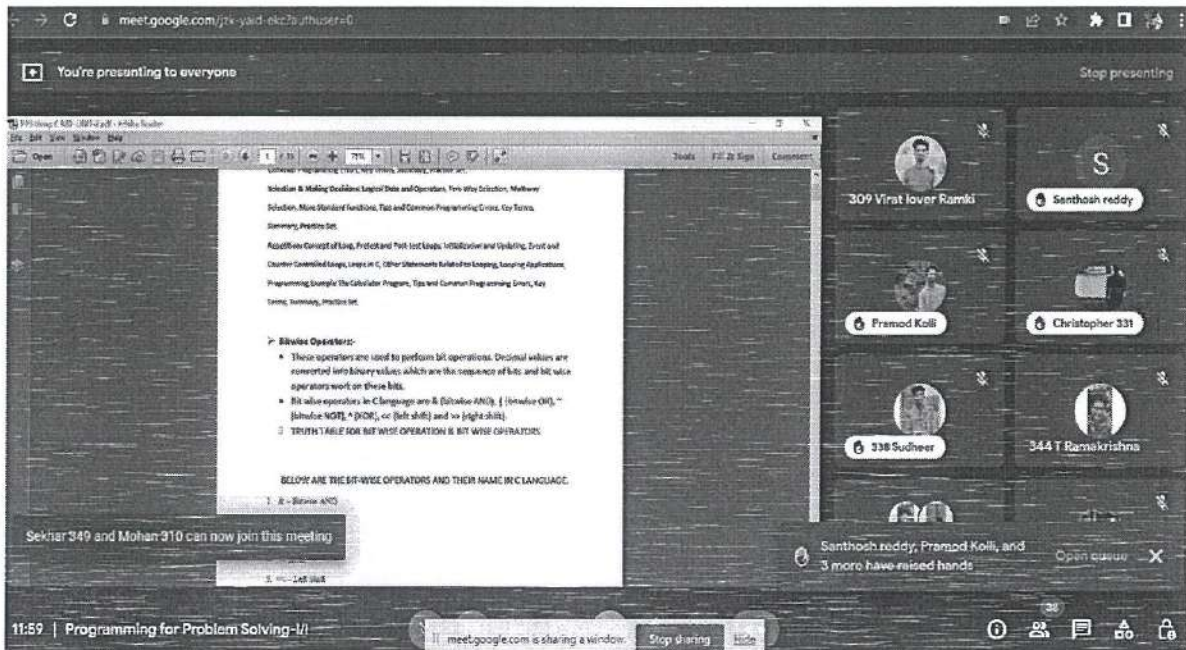
Year/Sem: I/I

Subject Name: Programming For Problem Solving Using C

Faculty Name: S.Kesava Rao

Date: 29/02/2022

UNIT-2



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Academic Year: 2021-2022

Year/Sem: I/I

Subject Name: Programming For Problem Solving Using C

Faculty Name: S.Kesava Rao

Date: 16/03/2022

UNIT-3

The screenshot shows a Google Meet window with a presentation slide on the left and a participant list on the right. The slide content is as follows:

TWO – DIMENSIONAL ARRAYS:-
To store tables we need two dimensional arrays. Each table consists of rows and columns. Two dimensional arrays are declare as

```
type array name [row-size][col-size];
```

/ Write a program Showing 2-DIMENSIONAL ARRAY */
/* SHOWING MULTIPLICATION TABLE */*

```
#include <stdio.h>  
#include <math.h>  
#define ROWS 5  
#define COLS 5  
main()  
{  
    int row,cols,prod[ROWS][COLS];  
    int i,j;
```

The participant list on the right includes: Sampartiva..., Santhosh r..., Pramod Ko..., 338 Sudheer, Paparao, Kola Tarun, Tarunkumar Y., and 26 Others. At the bottom, it says 'Santhosh reddy, Pramod Kollu, and 1 more have raised hands'.

I/c

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Academic Year: 2021-2022

Year/Sem: I/I

Subject Name: Programming For Problem Solving Using C

Faculty Name: S.Kesava Rao

Date: 28/03/2022

UNIT-4

The screenshot shows a Google Meet interface with a presentation slide. The slide content is as follows:

➤ Array of Pointers:-

In computer programming, an array of pointers is an indexed set of variables in which the variables are pointers (a reference to a location in memory).

- Pointers are an important tool in computer science for creating, using, and destroying all types of data structures.
- An array of pointers is useful for the same reason that all arrays are useful: it allows you to numerically index a large set of variables.
- Below is an array of pointers in C that sets each pointer in one array to point to an integer in another and then print the values of the integers by dereferencing the pointers.

The meeting interface shows a 'You're presenting to everyone' status, a 'Stop presenting' button, and a grid of participants including Tarunkumar Yadav, Santhosh reddy, Pramod Kollu, 338 Sucheer, Paparbo, Kola Tarun, 24 others, and You. The bottom of the screen shows the time 12:04 and the subject name 'Programming for Problem Solving-I/I'.

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Academic Year: 20201-2022

Year/Sem: I/I

Subject Name: Programming For Problem Solving Using C

Faculty Name: S.Kesava Rao

Date: 15/04/2022

UNIT-5

The screenshot shows a Google Meet window with a presentation slide. The slide content is as follows:

```
Example: Square root using sqrt() function
Suppose, you want to find the square root of a number.
To compute the square root of a number, you can use the sqrt() library function. The function is
defined in the math.h header file.
#include <math.h>
int main()
{
    float num;
    printf("Enter a number:");
    scanf("%f", &num);
    // Compute the square root of num and stores it root.
    root = sqrt(num);
    printf("Square root of %f = %f", num, root);
    return 0;
}
When you run the program, the output will be:
Enter a number: 12
Square root of 12.00 = 3.46
Library Functions in Different Header Files
C Header Files
```

The meeting interface shows several participants: Tarunkumar Yadav, Santhosh reddy, Framed Kelli, 338 Sudheer, 255 K.Ganavardhan, Papnrao, 27 others, and You. The bottom status bar indicates the time is 12:06 and the window title is "Programming for Problem Solving-I/I".

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TUTORIALS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING


Date: 11/04/2022

Circular

This is information that all the Head of the Department should maintain the Academic Course file and same should be submit at the time of IQAC Audit. In that as per JNTUK indication 4 credit course must have its tutorial session. It should be reflect in the time table. Two class rooms need to be allocate and divide the two batches of each class students.

Copy to:

1. Principal Office
2. IQAC
3. All HoDs
4. Faculty Circulation


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TUTORIAL CLASSES

SUBJECT: RADAR SYTEMS

ACADEMIC YEAR:-2021-2022

FACULTY NAME: Mrs K.syamala

YEAR/SEM: - IV/I

S.NO	DATE	TUTORIAL TOPIC	NO. OF STUDENTS PRESENT
1	15-04-2022	Introduction to Radar system	48
2	18-04-2022	Modified Radar Range Equation	46
3	19-04-2022	Continuous Wave Radar	47
4	20-04-2022	Frequency Modified Continuous Wave Radar	48
5	22-04-2022	Operation of MTI And Pulse Doppler Radar	45
6	23-04-2022	Sequential Lobbing, Conical Scanning	46
7	25-04-2022	Matched Filter Receiver – Response Characteristics And Derivation,	48



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING


Academic Year:-2021-2022

CLASS: IV BTECH I SEM

TIME TABLE

Class Incharge: Mr B.sudha								
DAY/TIME	9:30-10:30	10:30-11:20	11:20-12:10	12:10-1:00	1:00-1:50	1:50-2:40	2:40-3:30	3:30-4:20
MON	DIP	OC	CRT	LUNCH	DIP	DSP/MW&OC Lab		
TUE	RS	OC	CN		CRT	ES	ESS	Sports
WED	ESS	DIP	OC		ES	MW&OC/DSP Lab		
THU	OC	ESS	RS		DIP	CRT	CN	Library
FRI	CN	ES	RS		ES	Tutorial Classes		
SAT	ES	RS	OC		CRT	RS	OC	ESS

S.NO.	NAME OF THE FACULTY	DESIGNATION	SUBJECT/LAB	DEPARTMENT
1	Mrs K.syamala	Associate Prof.	Radar Systems	ECE
2	Mr K.Suri Babu	Asst Prof	Digital Image Processing	ECE
3	Mr B.Sudha	Asst `Prof	Computer Networks	ECE
4	Mr M.Vinay Kumar	Asst Prof	Optical Communications	ECE
5	Mr D.Rahul	Asst Prof	Electronic Switching systems	ECE
6	Mrs U.Geetha Lakshmi	Asst Prof	Embedded Systems	ECE
7	Mr K.Suri Babu/ Mr B.Sudha	Asst Prof	Microwave and Optical Communications Lab	ECE
8	Mr K.Avinash Kumar/ Mrs S.S.Bhavani	Asst Prof	Digital Signal Processing Lab	ECE
9	Mrs.R.Hemalatha	Asst Prof	CRT	Training and Placement Cell


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TUTORIAL CLASSES

SUBJECT: RADAR SYSTEMS

ACADEMIC YEAR:-2021-2022

FACULTY NAME: Mrs K.syamala

YEAR/SEM: - IV/I

S.NO	DATE	TUTORIAL TOPIC	NO. OF STUDENTS PRESENT
1	15-04-2022	Introduction to Radar system	48
2	18-04-2022	Modified Radar Range Equation	46
3	19-04-2022	Continuous Wave Radar	47
4	20-04-2022	Frequency Modified Continuous Wave Radar	48
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6	23-04-2022	Sequential Lobbing, Conical Scanning	46
7	25-04-2022	Matched Filter Receiver – Response Characteristics And Derivation,	48



Introduction to Radar Engineering

Introduction to Radar

The term radar stands for radio detection & ranging. It is an electromagnetic spectrum for the detection & location of reflecting objects such as aircraft, ships, space crafts, vehicles, people & natural environment. It operates by radiating energy into the space & detecting the echo signal reflected from the object target. The reflected energy that is returned to the radar indicates the presence of target as well as its location. It can operate in darkness, fog, rain, snow etc. It can measure distance with high accuracy in all weather conditions.

Basic Principle

A transmitter generates an electromagnetic signal that is radiated into the space by an antenna. A portion of the transmitted energy is intercepted by the target & is reradiated in many directions. The radiations directed back towards the radar is collected by the receiving antenna & is delivered to the receiver at the receiver the signal is processed to detect the presence of target & determine its location. A single antenna can act as transmitter and receiver. The range or distance to the target is found out by measuring the time taken by the radar signal to travel to the target and return back to radar.



delivered to the antenna by a duplexer which is then radiated into the space. The duplexer allows a single antenna to be used as both transmitter and receiver. Duplexer is a device that produces a short circuit at the i/p to the receiver when the transmitter is operating so that high power flows to the antenna & not to the receiver. On reception the duplexer directs the echo signal to the receiver & not to the transmitter. The receiver is always superheterodyne in nature. The i/p stage is a low noise RF amplifier. The mixer and LO convert the RF signal to an intermediate frequency which is amplified by the IF amplifier. The IF amplifier is designed as a matched filter which maximizes the o/p signal to peak ratio. The matched filter maximizes the detectability of weak echo signals & attenuates unwanted signals. The IF amplifier is followed by a detector or demodulator. Its purpose is to extract the modulating signal from the carrier signal. The combination of IF amplifier and detector acts as an envelope detector which transmits the modulating signal & rejects the carrier signal. The signal at the o/p of detector is amplified by an amplifier to provide sufficient gain to the signal. At the o/p of the receiver a decision is made whether or not a target is present if the o/p is greater than the threshold the decision is that target is present. If the o/p is less than threshold it is assumed that only noise is present.

Radar Equation

The radar equation relates the range of the radar to the characteristics of transmitter, receiver, target and environment. It is useful for determining the maximum range at which a radar can detect a target. If the transmitting antenna used is isotropic in nature, the power density is given by
Power density at a range, R from an isotropic antenna is



$$P_{is} = \frac{P_t}{4\pi R^2} \quad \text{--- (1)}$$

If a directive antenna of gain, G is used the power density is given by

power density at a range, R from a directive antenna is

$$P_{dir} = \frac{P_t G}{4\pi R^2} \quad \text{--- (2)}$$

The radiated back power density is given by.

$P_{re P}$

the radiated back power density, $P_{rad} = \frac{P_t G}{4\pi R^2} \cdot \frac{\sigma}{4\pi R^2}$

where, σ - radar cross section

The received signal power, $P_r =$ radiated power density \times effective area

$$\text{ie, } P_r = \frac{P_t G \sigma A_e}{(4\pi)^2 R^4}$$

The maximum range of radar, R_{max} is the distance beyond which the target cannot be detected. It occurs when the received signal power $P_r =$ minimum detectable signal, S_{min} .

$$\therefore S_{min} = \frac{P_t G \sigma A_e}{(4\pi)^2 R_{max}^4}$$

$$R_{max}^4 = \left[\frac{P_t G \sigma A_e}{(4\pi)^2 S_{min}} \right]^{1/4}$$

This is the fundamental form of radar range eqn.

If the same antenna is used for transmitting & receiving



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TUTORIAL CLASSES ATTENDANCE SHEET

SUBJECT: RADAR SYSTEM

ACADEMIC YEAR:-2021-2022

FACULTY NAME: Mrs K.Syamala

YEAR/SEM: - IV-I

SI.NO	ROLL.NO	NAME OF THE STUDENT	DATES						
			15-04-22	18-04-22	19-04-22	20-04-22	22-04-22	23-04-22	25-04-22
1.	18Q71A0401	Bantu Venkatesh	✓	✓	✓	✓	✓	✓	✓
2.	18Q71A0402	Badam Chaitanya Mouli	✓	✓	A	✓	A	✓	✓
3.	18Q71A0403	Bantupalli Vivek	✓	✓	✓	✓	✓	A	✓
4.	18Q71A0404	Bonila Ramya Sree	A	✓	✓	✓	✓	✓	✓
5.	18Q71A0405	Chinta Jayasree	✓	✓	✓	✓	✓	✓	A
6.	18Q71A0406	Chukka Sekhar	✓	A	✓	✓	A	✓	✓
7.	18Q71A0407	Durgasi Pujitha	✓	✓	✓	A	✓	✓	✓
8.	18Q71A0408	Erothi Swetha	✓	✓	✓	✓	✓	✓	✓
9.	18Q71A0409	Eti Navya Sree	✓	✓	✓	✓	✓	A	✓
10.	18Q71A0410	Ganta Vadavathi	✓	✓	A	✓	✓	✓	✓
11.	18Q71A0411	Gembali Sarayu	✓	✓	✓	✓	✓	✓	✓
12.	18Q71A0412	Golukonda Sathish	✓	✓	✓	✓	A	✓	✓
13.	18Q71A0413	Gudivada Bhargavi	A	✓	✓	✓	✓	✓	✓
14.	18Q71A0414	Gullipalli Jasmine Latha	✓	✓	✓	✓	✓	✓	A
15.	18Q71A0415	Ippili Sri Sahithi	✓	A	✓	✓	✓	✓	✓
16.	18Q71A0416	Jogi Abhiram	✓	✓	✓	✓	✓	A	✓
17.	18Q71A0417	Kalagarla Nagasri	✓	✓	✓	✓	✓	✓	✓
18.	18Q71A0418	Kola Sai Nikhil	✓	✓	✓	✓	A	✓	✓
19.	18Q71A0420	Ladi Navya	✓	✓	✓	✓	✓	✓	✓
20.	18Q71A0421	Logisa Kiran	✓	✓	A	✓	✓	✓	✓
21.	18Q71A0422	Muddada Dharma Rao	✓	✓	✓	A	✓	✓	✓
22.	18Q71A0423	Mugidi Sriramnaidu	✓	✓	✓	✓	✓	✓	✓
23.	18Q71A0424	Namballa Sai Priyanka	✓	A	✓	✓	✓	✓	✓
24.	18Q71A0425	Nammi Aravind	✓	✓	✓	✓	✓	✓	✓
25.	18Q71A0426	Pendyala Dvss Supriya	✓	✓	✓	✓	✓	✓	✓
26.	18Q71A0427	Penta Priya	✓	✓	✓	✓	✓	✓	✓



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27.	18Q71A0428	Pudi Nikhil Kumar	✓	✓	✓	✓	✓	✓	✓
28.	18Q71A0429	Punnam Lakshmi Venkateswara	✓	✓	✓	✓	A	✓	✓
29.	18Q71A0430	Rekapalli G N V Shandhil	✓	A	✓	✓	✓	✓	✓
30.	18Q71A0431	Rajana Yeswanth	✓	✓	✓	✓	✓	A	✓
31.	18Q71A0433	Reddi Gayitri	✓	✓	✓	A	✓	✓	✓
32.	18Q71A0434	Rikka Narasimha Reddy	✓	✓	✓	✓	✓	✓	A
33.	18Q71A0435	Sirla Ranjitha	A	✓	A	✓	✓	✓	✓
34.	18Q71A0436	Telukala Rakesh Kumar Sahu	✓	✓	✓	✓	✓	✓	✓
35.	18Q71A0437	Turpati Sai Rekha	✓	✓	✓	✓	A	✓	✓
36.	18Q71A0438	Narendrababu valurothu	✓	✓	✓	✓	✓	✓	✓
37.	18Q71A0439	Velagala Mounika	✓	A	✓	✓	✓	✓	✓
38.	18Q71A0440	Yanumula Tharun Reddy	✓	✓	✓	✓	✓	✓	✓
39.	18Q71A0441	Yarabolu Banu Prasad	✓	✓	✓	✓	✓	A	✓
40.	18Q71A0444	Gogu Mounika	✓	✓	✓	✓	✓	✓	✓
41.	18Q71A0446	Bendukuri Kusuma Latha	✓	✓	A	✓	✓	✓	✓
42.	19Q75A0401	Adapaka Siri Chandana	✓	✓	✓	✓	✓	✓	✓
43.	19Q75A0402	Bheemarasetty Tagore Ganesh	✓	✓	✓	✓	✓	✓	✓
44.	19Q75A0403	Bojja Bhavani Venkatalakshmi	✓	✓	✓	A	✓	✓	✓
45.	19Q75A0404	Botta Venkata Varaha Naga Bhumika	A	✓	✓	✓	✓	✓	✓
46.	19Q75A0405	Giduthuri Sharmila	✓	✓	✓	✓	✓	✓	A
47.	19Q75A0406	Kaiithi Teja Shanmukh Durga	✓	A	✓	✓	✓	✓	✓
48.	19Q75A0407	Kodidasu Teja	✓	✓	✓	✓	✓	✓	✓
49.	19Q75A0408	Majji M V venkateswararao	✓	✓	✓	✓	A	✓	✓
50.	19Q75A0409	Matta Yamini	✓	✓	✓	✓	✓	✓	✓
51.	19Q75A0410	Molleti Dheeraj	✓	✓	✓	✓	✓	A	✓
52.	19Q75A0411	Vantakula Divya Sai	✓	✓	✓	✓	✓	✓	✓


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PROBLEM SOLVING CLASSES

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year: 2021-22

Subject Name: Programming For Problem Solving Using C

Year/Sem: 1/1

Faculty Name: A.Vasu Deva Rao

Date: 02/05/2022

LINK: <https://meet.google.com/jzk-yaid-ekc>

Screen Shot-1

UNIT-1

in a window called User Screen.

Step 4: Check Result (Alt + F5)

After running the program, the result is placed into User screen. Just we need to open the User Screen to check the result of the program execution. We use the shortcut key Alt + F5 to open the User Screen and check the result.

Execution Process of a C Program

When we execute a C program it undergoes with following process...

The flowchart illustrates the execution process of a C program: Source File (containing User's Code) is compiled into an Object File. These object files are then linked together to form an Executable File. Finally, the Executable File is processed to create a User Screen, which produces the Output.

- The file which contains c program instructions in high level language is said to be source code. Every c program source file is

Topic: Execution Process of a C Program

Screen Shot-2

SIMPLE PROGRAM-

1.Prime Number program in C

www.javatpoint.com 20

```
1. #include <stdio.h>
2. int main()
3. {
4.     int n;
5.     printf("Enter the number to check prime?");
6.     scanf("%d",&n);
7.     int i;
8.     for(i=2;i<=n;i++)
9.     {
10.        if(n%i==0)
11.        printf("Number is not prime");
12.        break;
13.    }
14.    if(i>n)
15.    printf("Number is prime");
16.    printf("\n");
17.}
```

Output:

Enter the number to check prime:14
Number is not prime
Enter the number to check prime:17
Number is prime

Command Line Arguments-

Topic: Prime number program in C Program



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Screen Shot-3

UNIT-2

Topic: Bitwise operator

Screen Shot-4

UNIT-3

Topic: Two Dimensional Arrays



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Screen Shot-5

UNIT-4

The screenshot shows a Google Meet window with a presentation slide titled "Array of Pointers:-". The slide content is as follows:

➤ **Array of Pointers:-**

In computer programming, an array of pointers is an indexed set of variables in which the variables are pointers (a reference to a location in memory).

- Pointers are an important tool in computer science for creating, using, and destroying all types of data structures.
- An array of pointers is useful for the same reason that all arrays are useful: it allows you to numerically index a large set of variables.
- Below is an array of pointers in C that sets each pointer in one array to point to an integer in another and then print the values of the integers by dereferencing the pointers.

The meeting interface shows a grid of participants including Tarunkumar Yadav, Santhosh reddy, Pramod Kollu, 338 Sudheer, Paparao, Kola Tarun, and 24 others. The bottom status bar indicates the time is 12:04 and the topic is "Programming for Problem Solving-I/I".

Topic: Array Pointers

Screen Shot-6

UNIT-5

The screenshot shows a Google Meet window with a presentation slide titled "Example: Square root using sqrt() function". The slide content is as follows:

Example: Square root using sqrt() function

Suppose, you want to find the square root of a number.

To compute the square root of a number, you can use the sqrt() library function. The function is defined in the math.h header file.

```
#include<stdio.h>
#include<math.h>
int main()
{
    float num, root;
    printf("Enter a number:");
    scanf("%f", &num);

    // Computes the square root of num and stores in root.
    root = sqrt(num);

    printf("Square root of %.2f = %.2f", num, root);
    return 0;
}
```


When you run the program, the output will be:
Enter a number: 12
Square root of 12.00 = 3.46

Library Functions in Different Header Files

C Header Files

The meeting interface shows a grid of participants including Tarunkumar Yadav, Santhosh reddy, Pramod Kollu, 338 Sudheer, 356 K.Genovardhan, Paparao, and 27 others. The bottom status bar indicates the time is 12:06 and the topic is "Programming for Problem Solving-I/I".

Topic: Square Root Using Functions


HOD-ECE
Head of the Department
Electronics and Communication Engineering
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Quiz program

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Report on Quiz Program on "Computer Science and Engineering, Current Affairs & General knowledge"

Academic Year: 2021-2022

Timings: 10:20 am to 11:20 am

B.Tech Year/Semester: All Students

Date: 25/05/2022

MR. H.Devaraju, Asst. Prof., has conducted a Quiz Program for all year students. 320 members have participated in the Technical fest event. This program was organized under the guidance of Mr. P.Dinesh Chandra, HOD, Computer Science and Engineering.

The total strength was divided into 10 groups. The event was started by introducing about the Quiz program and giving instructions to the students, by the concern faculty. And then he started asking questions the students who knows the answer are giving answers.

Students are actively participated the program and they exposed to learn more beyond the subject. They are showing interest to attend this type of programs in our institution. They get motivated by the faculty to participate such programs.



Question paper Quiz Program on "Computer science and Engineering, Current Affairs & General knowledge"

Which crop is sown in the most important area in India?

- (A) Rice
- (B) Wheat
- (C) Sugarcane
- (D) Maize

Answer: (A)

Eritrea, which became the 182nd member of the United Nations in 1993, is on the continent of

- (A) Asia
- (B) Africa
- (C) Europe
- (D) Australia

Answer: (B)

Which of the subsequent personalities gave 'The Laws of Heredity'?

- (A) Robert Hook
- (B) G.J. Mendel
- (C) Darwin
- (D) Harvey

Answer: (B)

Garampani sanctuary is found at

- (A) Junagarh, Gujarat
- (B) Diphu, Assam
- (C) Kohima, Nagaland
- (D) Gangtok, Sikkim

Answer: (B)

Who is understood as "The Saint of Gutters"?

- (A) Baba Amte
- (B) Teresa
- (C) Anna Hazare
- (D) None of those

Answer: (B)

that of the subsequent disciplines is Nobel prize awarded?

- (A) Physics and Chemistry
- (B) Physiology or Medicine
- (C) Literature, Peace and Economics
- (D) All of the above

Answer: (D)



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Grand Central Terminal, Park Avenue, NY is that the world's

- (A) largest railroad station
- (B) highest railroad station
- (C) longest railroad station
- (D) None of the above

Answer: (A)

Name the one that was also referred to as Deshbandhu.

- (A) S. Radhakrishnan
- (B) G.K. Gokhale
- (C) Chittaranjan Das
- (D) Madan Mohan Malviya

Answer: (C)

FFC stands for

- (A) Foreign Finance Corporation
- (B) Film Finance Corporation
- (C) Federation of Football Council
- (D) None of the above

Answer: (B)

Which of the subsequent national parks isn't listed during a UNESCO World Heritagesite?

- (A) Kaziranga
- (B) Keoladeo
- (C) Sundarbans
- (D) Kanha

Answer: (D)

The capital of Uttarakhand is....

- (A) Mussoorie
- (B) Dehra Dun
- (C) Nainital
- (D) None of those

Answer: (B)

Fastest shorthand writer was

- (A) Dr. G. (D) Bist
- (B) J.R.(D) Tata
- (C) J.M. Tagore
- (D) Khudada Khan

Answer: (A)

during which state has the most important area?

- (A) Maharashtra
- (B) Madhya Pradesh
- (C) Uttar Pradesh
- (D) Rajasthan

Answer: (D)



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Geet Govind may be a famous creation of

- (A) Bana Bhatt
- (B) Kalidas
- (C) Jayadev
- (D) Bharat Muni

Answer: (C)

Galileo was an Italian astronomer who

- (A) developed the telescope
- (B) discovered four satellites of Jupiter
- (C) discovered that the movement of the pendulum produces a daily time measurement
- (D) All of the above

Answer: (D)

The Maratha and therefore the Kesri were the 2 main newspapers that were started by the subsequent people?

- (A) Lala Lajpat Rai
- (B) Gopal Krishna Gokhale
- (C) Bal Gangadhar Tilak
- (D) Madan Mohan Malviya

Answer: (C)

When did the planet Trade Organization inherit existence?(A)

1992

- (B) 1993
- (C) 1994
- (D) 1995

Answer: (D)

Exposure to sunlight helps an individual to enhance his health because

- (A) the infrared kills bacteria within the body
- (B) resistance power increases
- (C) the pigment cells within the skin get stimulated and produce a healthy tan
- (D) the ultraviolet rays convert skin oil into vitamin D

Answer: (D)

The Lucknow session of the Indian National Congress that happened in 1916 was presided by_?

- (A) Rashbihari Ghosh
- (B) Ambika Charan Majumdar
- (C) Bhupendra Nath Bose
- (D) None of the above

Answer: (B)

during which year did the cupboard Mission arrived in India?(A)

1942

- (B) 1943
- (C) 1945
- (D) 1946

Answer: (D)



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Academic Year: 2021-2022

Timings: 10:20 am to 11:20 am

B.Tech Year/Semester: Participated students

Date: 26/02/2022

ATTENDENCE SHEET

SL.NO	REGD.NO	NAME OF THE STUDENT	SIGN
1	18Q71A0505	Anusuri Priyanka	<i>Priyanka</i>
2	18Q71A0508	Bankapalli Sravani	<i>Sravani</i>
3	18Q71A0513	Bonam Navya Sri Lekha	<i>Navya</i>
4	18Q71A0519	Gadi Pratap Sai	<i>Sai</i>
5	18Q71A0523	Giridhar Patro	<i>Giridhar</i>
6	18Q71A0527	Jammala Deekesh	<i>Deekesh</i>
7	18Q71A0534	Kallepalli Venkata Kiran Mai	<i>Kiran mai</i>
8	18Q71A0539	Karri Varaprasad	<i>Varaprasad</i>
9	18Q71A0543	Kotni Mounika	<i>Mounika</i>
10	18Q71A0549	Routhu Oliversam	<i>Oliversam</i>
11	18Q71A0558	Miriyala Hemalatha	<i>Hemalatha</i>
12	19Q71A0509	Aripaka Shivamani Kumar	<i>Shivamani Kumar</i>
13	19Q71A0511	Ayyala Sai Jyothirmayi	<i>Jyothirmayi</i>
14	19Q71A0514	Badireddi Girija Priya	<i>Girija Priya</i>
15	19Q71A0518	Behara Poojitha	<i>Poojitha</i>
16	19Q71A0522	Bole Priyanka	<i>Priyanka</i>
17	19Q71A0517	Yanapu Sasi Kumar	<i>Sasi Kumar</i>
18	19Q71A0519	Yellapu Nandini Sai	<i>Nandini Sai</i>
19	19Q71A05J3	Gantyada Haritha	<i>Haritha</i>
20	20Q75A0501	Penumatsa Avs Satya Narayana Raju	<i>P.S.N. Raju</i>
21	20Q75A0503	Allam Praveen	<i>Praveen</i>
22	20Q75A0504	Sonayala Sravani	<i>Sravan</i>
23	20Q71A0504	Balaga Mounika	<i>Mounika</i>
24	20Q71A0510	Bonu Eswararao	<i>Eswararao</i>
25	20Q71A0515	Daketi Rambabu	<i>Rambabu</i>
26	20Q71A0521	Kalluri Venkata Sai	<i>Venkata Sai</i>
27	20Q71A0527	Koratana Mouli	<i>Mouli</i>
28	20Q71A0532	Kankana Harish	<i>Harish</i>
29	20Q71A0578	Karri Chitra Swarupa	<i>Chitra Swarupa</i>
30	20Q71A0589	Muppidi Dhanush	<i>Dhanush</i>
31	20Q71A05A1	Rayudu Mohith Phani Raj	<i>Mohith Phani Raj</i>
32	21Q75A0509	Kandipalli Anusha	<i>Anusha</i>
33	21Q75A0516	Manepalli Chandra Mouli	<i>Chandra Mouli</i>
34	21Q71A0505	Alla Nuthana Prasanna	<i>Prasanna</i>

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35	21Q71A0514	Bantupalli Prasad	Prasad
36	21Q71A0558	Kakkala Nithin	Nithin
37	21Q71A0570	Chelluri Arun Kumar Naidu	Ch. Arun
38	21Q71A0589	Majji Pradeep	Pradeep
39	21Q71A05E4	Reddi Lavanya	Lavanya
40	22Q71A0522	Bhavana Padi	Padi
41	22Q71A0523	Bhupathi Nithin Kumar	B. Nithin
42	22Q71A0524	Bodaka Vijaya	Vijaya
43	22Q71A0525	Boddu Sai Vardhan	Vardhan
44	22Q71A0526	Bulusu Lakshmi Indra Geethika	Geethika
45	22Q71A0527	Burli Durga Bhavani	B. Durga
46	22Q71A0528	Chellu Mahanthi Jagadish	Jagadish
47	22Q71A0533	Dadi Likitha	Likitha
48	22Q71A0530	Chukka Praveen Kumar	Praveen Kumar
49	22Q71A0531	Chukkala Mallesh	Mallesh
50	22Q71A0532	Dadi Likitha	D. Likitha

Cen

HOD-CSE

Head of the Department

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Timings: 10:20 am to 11:20 am

B.Tech Year/Semester: Participated students

Date: 25/02/2022

MARKS

S.No	Regd.No	Name of the Student	Group	Marks
1	22Q71A0522	Bhavana Padi	A	30
2	22Q71A0523	Bhupathi Nithin Kumar	A	30
3	22Q71A0524	Bodaka Vijaya	A	30
4	22Q71A0525	Boddu Sai Vardhan	A	30
5	22Q71A0526	Bulusu Lakshmi Indra Geethika	A	30
6	22Q71A0527	Burli Durga Bhavani	A	30
7	22Q71A0528	Chellu Mahanthi Jagadish	A	30
8	22Q71A0533	Dadi Likitha	A	30
9	22Q71A0530	Chukka Praveen Kumar	A	30
10	22Q71A0531	Chukkala Mallesh	A	30

S.No	Regd.No	Name of the Student	Group	Marks
1	22Q71A0532	Dadi Likitha	B	20
2	18Q71A0505	Anusuri Priyanka	B	20
3	18Q71A0508	Bankapalli Sravani	B	20
4	18Q71A0513	Bonam Navya Sri Lekha	B	20
5	18Q71A0519	Gadi Pratap Sai	B	20
6	18Q71A0523	Giridhar Patro	B	20
7	18Q71A0527	Jammala Deekesh	B	20
8	18Q71A0534	Kallepalli Venkata Kiran Mai	B	20
9	18Q71A0539	Karri Varaprasad	B	20
10	18Q71A0543	Kotni Mounika	B	20

S.No	Regd.No	Name of the Student	Group	Marks
1	18Q71A0549	Routhu Oliver Sam	C	30
2	18Q71A0558	Miriyala Hemalatha	C	30
3	19Q71A0509	Aripaka Shivamani Kumar	C	30
4	19Q71A0511	Ayyala Sai Jyothirmayi	C	30
5	19Q71A0514	Badireddi Girija Priya	C	30
6	19Q71A0518	Behara Poojitha	C	30
7	19Q71A0522	Bole Priyanka	C	30

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8	19Q71A05I7	Yanapu Sasi Kumar	C	30
9	19Q71A05I9	Yellapu Nandini Sai	C	30
10	19Q71A05J3	Gautyada Haritha	C	30

S.No	Regd.No	Name of the Student	Group	Marks
1	20Q75A0501	Penumatsa Avs Satya Narayana Raju	D	60
2	20Q75A0503	Allam Praveen	D	60
3	20Q75A0504	Sonayala Sravani	D	60
4	20Q71A0504	Balaga Mounika	D	60
5	20Q71A0510	Bonu Eswararao	D	60
6	20Q71A0515	Daketi Rambabu	D	60
7	20Q71A0521	Kalluri Venkata Sai	D	60
8	20Q71A0527	Koratana Mouli	D	60
9	20Q71A0532	Kankana Harish	D	60
10	20Q71A0578	Karri Chitra Swarupa	D	60

S.No	Regd.No	Name of the Student	Group	Marks
1	20Q71A0589	Muppidi Dhanush	E	45
2	20Q71A05A1	Rayudu Mohith Phani Raj	E	45
3	21Q75A0509	Kandipalli Anusha	E	45
4	21Q75A0516	Manepalli Chandra Mouli	E	45
5	21Q71A0505	Alla Nuthana Prasanna	E	45
6	21Q71A0514	Bantupalli Prasad	E	45
7	21Q71A0558	Kakkala Nithin	E	45
8	21Q71A0570	Chelluri Arun Kumar Naidu	E	45
9	21Q71A0589	Majji Pradeep	E	45
10	21Q71A05E4	Reddi Lavanya	E	45

Result: After the analysis of student's performance in Quiz program as listed above, the winner was announced by HOD: Group D



HOD-CSE

Head of the Department
Computer Science and Engineering
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TUTORIALS

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

13/04/2022

Circular

This is information that all the Head of the Department should maintain the Academic Course file and same should be submit at the time of IQAC Audit. In that as per JNTUK indication 4 credit course must have its tutorial session. It should be reflect in the time table. Two class rooms need to be allocate and divide the two batches of each class students.

Copy to:

1. Principal Office
2. IQAC
3. All HoDs
4. Faculty Circulation

Principal
PRINCIPAL

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TIME TABLE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CLASS: IV BTECH II SEM

CSE A

DAY/TIME	9:30-10:30	10:30-11:20	11:20-12:10	12:10-1:00	1:00-1:50	1:50-2:20	2:20-3:30	3:30-4:20
MON	ANN	ANN	MS	LUNCH	Project Work			
TUE	DS	MS	ML		Project Work			
WED	ANN	ML	ML		Project Work			
THU	DS	MS	MS		Seminar			
FRI	ANN	ML	DS		Seminar			
SAT	DS	ML	ANN		Seminar			

S.No.	Name of the Faculty	Designation	Subject Name	Department
1	Dr. Annepu Balakrishna	Professor	DS	CSE
2	Seerapu Kesava Rao	Associate Professor	ANN	CSE
3	Akula Swathi	Assistant Professor	ML	CSE
4	Vasanth Murali Krishna	Assistant Professor	MS	CSE
5	Seerapu Kesava Rao	Assistant Professor	Projects	CSE
7	Akula Swathi	Assistant Professor	Seminars	CSE

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CLASS: IV BTECH II SEM

CSE B

DAY/TIME	9:30-10:30	10:30-11:20	11:20-12:10	12:10-1:00	1:00-1:50	1:50-2:20	2:20-3:30	3:30-4:20
MON	ANN	ANN	MS	LUNCH	Project Work			
TUE	DS	MS	ML		Project Work			
WED	ANN	ML	ML		Project Work			
THU	DS	MS	MS		Seminar			
FRI	ANN	ML	DS		Seminar			
SAT	DS	ML	ANN		Seminar			

S.No.	Name of the Faculty	Designation	Subject Name	Department
1	Dr. Annepu Balakrishna	Professor	DS	CSE
2	Hanumanthu Devaraju	Associate Professor	ANN	CSE
3	Akula Swathi	Assistant Professor	ML	CSE
4	Vasanth Murali Krishna	Assistant Professor	MS	CSE
5	Badukonda Madhusudana Rao	Assistant Professor	Projects	CSE
6	Dr. Annepu Balakrishna	Assistant Professor	Seminars	MBA

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HOD-CSE

Head of the Department

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TUTORIAL CLASSES

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Subject: Machine Learning
Faculty Name: Akula Swathi

Academic Year:-2021-2022
Year/Sem: - IV/II

S.NO	DATE	TUTORIAL TOPIC	NO. OF STUDENTS PRESENT
1	15-04-2022	Cascading style sheets and its types	90
2	18-04-2022	Introduction to java script, declaring variables, functions	96
3	19-04-2022	XML Schemas, presenting XML	90
4	20-04-2022	Using XML Processors: DOM and SAX	89
5	22-04-2022	PHP: Declaring Variables, Data types, Operators, Control Structures and Functions	92
6	23-04-2022	Introduction to Servlets ,Life Cycle of Servlet, JSDK, The Servlet API	94
7	25-04-2022	HTTP Package, Handling HTTP Request and Response	95
8	26-05-2022	Database Programming using JDBC, JDBC Drivers	95
9	27-05-2022	The Anatomy of a JSP Page, JSP Processing, JSP Application Design	92
10	29-05-2022	Java Beans, Introduction to Beans, Deploying Java Beans in a JSP Page	91



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TUTORIAL CLASSES ATTENDANCE SHEET

Subject: Machine Learning

Academic Year:-2021-2022

Faculty Name: Akula Swathi

Year/Sem: - IV/II-A

SLN O	REGD.NO	Name of the Student	DATE									
			15- 04- 202 2	18- 04- 202 2	19- 04- 202 2	20- 04- 202 2	22- 04- 202 2	23- 04- 202 2	25- 04- 202 2	26- 04- 202 2	26- 04- 202 2	29- 05- 202 2
1	18Q71A0501	Abhijit Nayak	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
2	18Q71A0503	Addanki Rishitha	✓	✓	A	✓	✓	✓	A	✓	✓	✓
3	18Q71A0504	Ampolu Victor Harsha	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
4	18Q71A0505	Anusuri Priyanka	✓	A	✓	✓	✓	✓	✓	✓	A	✓
5	18Q71A0506	Arnipalli Rajkumar	✓	✓	✓	✓	A	✓	✓	✓	✓	A
6	18Q71A0507	Balaga Swaroop	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
7	18Q71A0508	Bankapalli Sravani	✓	✓	✓	✓	A	✓	✓	✓	A	✓
8	18Q71A0509	Banna Neeraja	✓	✓	✓	A	✓	✓	✓	A	✓	✓
9	18Q71A0510	Barri Sowmya	✓	✓	A	✓	✓	✓	✓	✓	✓	A
10	18Q71A0511	Behara Sai Govind	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
11	18Q71A0512	Bhagya Shree Thamang	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
12	18Q71A0513	Bonam Navya Sri Lekha	✓	✓	✓	A	✓	✓	✓	A	✓	✓
13	18Q71A0514	Challa Venkata Sai	A	✓	✓	✓	✓	A	✓	✓	✓	✓
14	18Q71A0516	Dama Lohithya	✓	✓	A	✓	✓	✓	✓	A	✓	✓
15	18Q71A0517	Deepika Nemalapuri	✓	✓	✓	✓	A	✓	✓	✓	A	✓
16	18Q71A0518	Gandi Manoj Kumar	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
17	18Q71A0519	Gadi Pratap Sai	✓	✓	✓	✓	✓	A	✓	✓	✓	A
18	18Q71A0520	Gandi Sai Tarun	✓	✓	A	✓	✓	✓	A	✓	✓	✓



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19	18Q71A0521	Gangula Ramya	✓	✓	✓	A	✓	✓	✓	✓	A	✓
20	18Q71A0522	Gedela Anusha	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
21	18Q71A0523	Giridhar Patro	✓	✓	✓	✓	✓	✓	✓	✓	✓	A
22	18Q71A0524	Gonnabhaktula Saranya	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
23	18Q71A0525	Mahesh	✓	A	✓	✓	✓	✓	✓	✓	A	✓
24	18Q71A0526	Gorakala Naveen Kumar	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
25	18Q71A0527	Jammala Deekesh	✓	✓	✓	A	✓	✓	✓	✓	✓	A
26	18Q71A0528	J Satyanarayana	✓	✓	A	✓	✓	✓	✓	A	✓	✓
27	18Q71A0530	Jayanthi Sravya	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
28	18Q71A0531	Kalavala Sai Kumar	✓	✓	✓	A	✓	✓	✓	✓	A	✓
29	18Q71A0532	Kalla Pavitra	✓	✓	A	✓	✓	✓	✓	✓	✓	A
30	18Q71A0533	Kalla Suri Babu	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
31	18Q71A0534	Kallepalli Venkata Kiran Mai	✓	✓	✓	✓	A	✓	✓	✓	A	✓
32	18Q71A0535	Kalluri Lalithakumari	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
33	18Q71A0536	Kanchipati Anusha	✓	✓	A	✓	✓	✓	✓	✓	A	✓
34	18Q71A0537	Kapusetti Hyma Bhavani	✓	✓	✓	✓	✓	A	✓	✓	✓	A
35	18Q71A0539	Karri Varaprasad	✓	✓	A	✓	✓	✓	✓	A	✓	✓
36	18Q71A0540	Kimidi Suresh	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
37	18Q71A0541	Korukonda Sandya	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
38	18Q71A0542	Korukonda Tejaswi	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
39	18Q71A0543	Kotni Mounika	✓	✓	✓	A	✓	✓	✓	✓	A	✓
40	18Q71A0544	Lipsa Dora	✓	✓	✓	✓	A	✓	✓	A	✓	✓
41	18Q71A0545	Jaideep	✓	✓	A	✓	✓	✓	✓	✓	✓	A
42	18Q71A0546	Nemalipuri Jaikishore	A	✓	✓	✓	✓	✓	✓	A	✓	✓



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43	18Q71A0548	Ponnada Sindhu	A	✓	✓	✓	A	✓	✓	✓	✓	✓
44	18Q71A0549	Routhu Oliversam	✓	✓	✓	✓	A	✓	✓	✓	A	✓
45	18Q71A0551	Salividi Ramya Sree	✓	✓	A	✓	A	✓	A	✓	✓	✓
46	18Q71A0552	Surapu Jahnavi	A	✓	✓	✓	✓	✓	✓	A	✓	✓
47	18Q71A0553	V Prabalika	✓	A	✓	✓	✓	A	✓	✓	✓	✓
48	18Q71A0554	Yash Sharma	✓	✓	✓	A	✓	✓	✓	A	✓	✓
49	18Q71A0555	Yelamanchili Venu Madhav	✓	A	✓	✓	✓	✓	✓	✓	A	✓
50	18Q71A0556	Gurubilli Sai Kusuma Arunapriya	✓	✓	✓	✓	A	✓	✓	A	✓	✓
51	18Q71A0557	Kolli Preetham Reddy	✓	✓	A	✓	✓	✓	A	✓	✓	✓
52	18Q71A0558	Miriyala Hemalatha	✓	✓	✓	✓	A	✓	✓	✓	✓	A
53	18Q71A0559	Maddu Chiranjeevi	✓	A	✓	✓	✓	A	A	✓	✓	✓
54	18Q71A0560	Meghana Tiyyali	✓	✓	✓	A	✓	✓	A	✓	✓	A
55	18Q71A0561	Nadipilli Upendra	✓	A	✓	A	✓	A	✓	✓	✓	✓
56	18Q71A0562	Nagothi Tejaswini	✓	✓	✓	A	✓	✓	✓	A	✓	✓
57	18Q71A0563	Nakka Sai Kiran	A	✓	✓	✓	✓	A	✓	✓	✓	✓
58	18Q71A0564	Naramsetti Srikanth	✓	✓	✓	✓	✓	✓	✓	✓	✓	A
59	18Q71A0565	Noothi Venkata Sushanth	✓	✓	✓	✓	A	✓	✓	✓	A	✓
60	18Q71A0566	Palla Nikhil	A	✓	✓	✓	✓	✓	A	✓	✓	✓
61	18Q71A0567	Parimi Venkatesh	✓	✓	✓	✓	A	✓	✓	✓	✓	A
62	18Q71A0568	Pathivada Shivaji	✓	✓	A	✓	✓	✓	A	✓	✓	✓
63	18Q71A0569	Patnala Priyanka	✓	✓	A	✓	✓	✓	✓	A	✓	✓
64	18Q71A0570	Patta Kalyani	A	✓	✓	✓	✓	A	✓	✓	✓	✓
65	18Q71A0571	Paidi Rama Rao	✓	✓	✓	A	✓	✓	✓	✓	A	✓



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66	18Q71A0572	Pentela Govindaiah Chowdary	✓	A	✓	✓	✓	✓	A	✓	✓	✓
67	18Q71A0574	Pitapurapu Sai Krishna Haswanth Kumar	✓	✓	✓	✓	A	✓	✓	✓	✓	A
68	18Q71A0575	Potumahanti Ananya	✓	✓	A	✓	✓	✓	✓	A	✓	✓
69	18Q71A0576	Priyanka Kumari Singh	✓	✓	✓	✓	A	✓	✓	✓	A	✓
70	18Q71A0577	Pudi Venkata Shanmukh Krishna	✓	A	✓	✓	✓	✓	A	✓	✓	✓
71	18Q71A0579	Putchala Manoj Kumar	✓	✓	✓	A	✓	✓	✓	✓	✓	A
72	18Q71A0580	Pydi Shirisha	✓	✓	✓	✓	✓	A	✓	✓	A	✓
73	18Q71A0581	Pyli Raghu Ram Reddy Naidu	✓	✓	A	✓	✓	✓	✓	A	✓	✓
74	18Q71A0582	Ravada Gayatri	✓	✓	✓	✓	A	✓	A	✓	✓	✓
75	18Q71A0583	Reddy Surya Vamsi	A	✓	✓	✓	✓	✓	✓	✓	✓	A
76	18Q71A0584	Roshan Kumar Singh	✓	✓	A	✓	✓	✓	✓	A	✓	✓
77	18Q71A0585	Sailaja Khuntia	✓	✓	✓	✓	A	✓	✓	✓	✓	A
78	18Q71A0586	Sakalabattula Aishwarya	✓	✓	A	✓	✓	A	✓	✓	✓	✓
79	18Q71A0587	Sanapala Sai Rakesh	✓	A	✓	✓	✓	✓	✓	A	✓	✓
80	18Q71A0588	Seela Sasi Kumar	✓	✓	✓	A	✓	✓	✓	✓	✓	A
81	18Q71A0590	Sreerangam Bala Shanmukha Srinivas	✓	✓	✓	✓	✓	A	✓	✓	A	✓
82	18Q71A0591	Suggu Gayathri	✓	✓	A	✓	✓	✓	✓	A	✓	✓
83	18Q71A0592	Syed Nassirodin Quadri	✓	✓	✓	✓	A	✓	✓	✓	A	✓
84	18Q71A0593	Tentu Soumya	✓	✓	A	✓	✓	✓	✓	✓	✓	A
85	18Q71A0596	Urigiti Neelima	A	✓	✓	✓	✓	✓	A	✓	✓	✓
86	18Q71A0598	Vankara Mounika	✓	✓	✓	A	✓	✓	✓	✓	A	✓



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87	18Q71A05A0	Ujji Maneesh	✓	A	✓	✓	✓	✓	A	✓	✓	✓
88	18Q71A05A1	Vulli Naga Keerthana	✓	✓	✓	✓	A	✓	✓	✓	✓	A
89	18Q71A05A3	Yanamandra Venkata Sri Ram	✓	✓	A	✓	✓	✓	✓	A	✓	✓
90	18Q71A05A4	Yeduri Tejaswari	✓	✓	✓	✓	A	✓	✓	✓	✓	A
91	18Q71A05A5	Yerninti Monish	✓	A	✓	✓	✓	✓	✓	A	✓	✓
92	18Q71A05A7	Yerra Neeraja	✓	✓	✓	✓	A	✓	✓	✓	✓	A
93	19Q75A0501	Jakkana Venkata Simhachala Viswanadh	✓	A	✓	✓	✓	✓	A	✓	✓	✓
94	19Q75A0502	Kotari Sneha Priya	✓	✓	✓	A	✓	✓	A	✓	✓	A
95	19Q75A0503	Penumatha Rama Raju	✓	✓	A	✓	✓	✓	✓	A	✓	✓
96	19Q75A0504	Seeram Ramya	✓	✓	✓	✓	A	✓	✓	✓	✓	A
97	19Q75A0505	Tipanagiri Vinay	A	✓	✓	✓	✓	A	✓	✓	✓	✓
98	19Q75A0506	Yellapragada Venkata Satyamani Rama Rao	✓	✓	✓	A	✓	✓	✓	A	✓	✓

C. S. Rao

HOD-CSE

Head of the Department

Computer Science and Engineering
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PROBLEM SOLVING CLASSES

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year: 2021-22

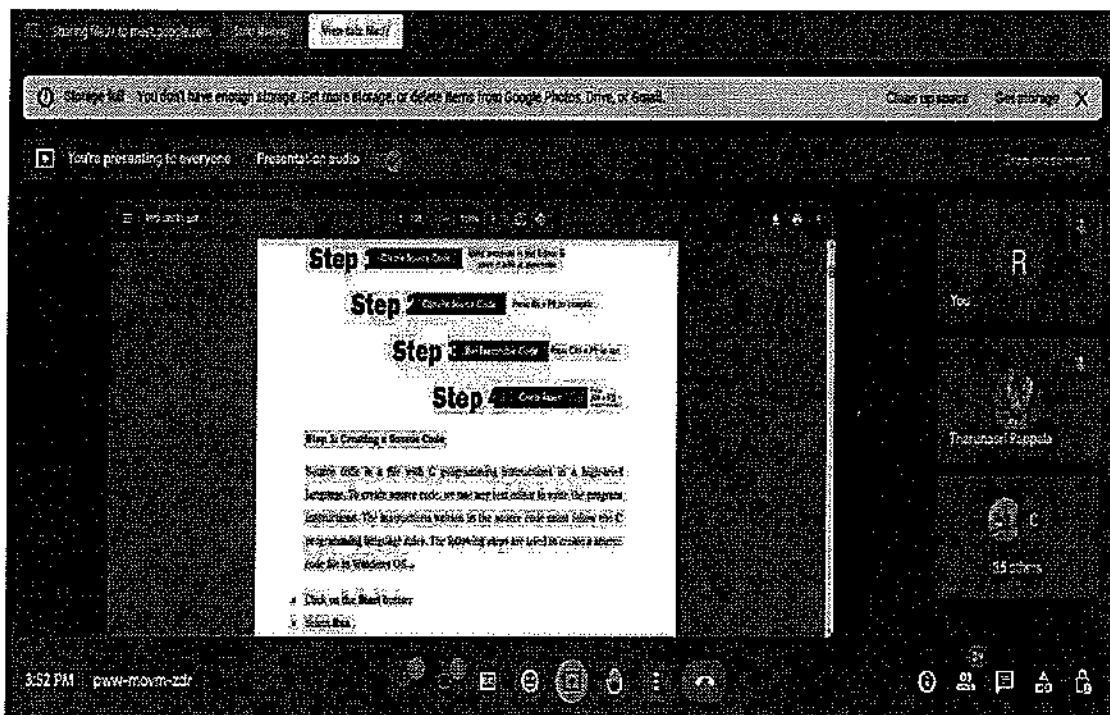
Year/Sem: II

Subject Name: Programming For Problem Solving Using C

Faculty Name: Mr.A.Vasudeva rao

UNIT-1

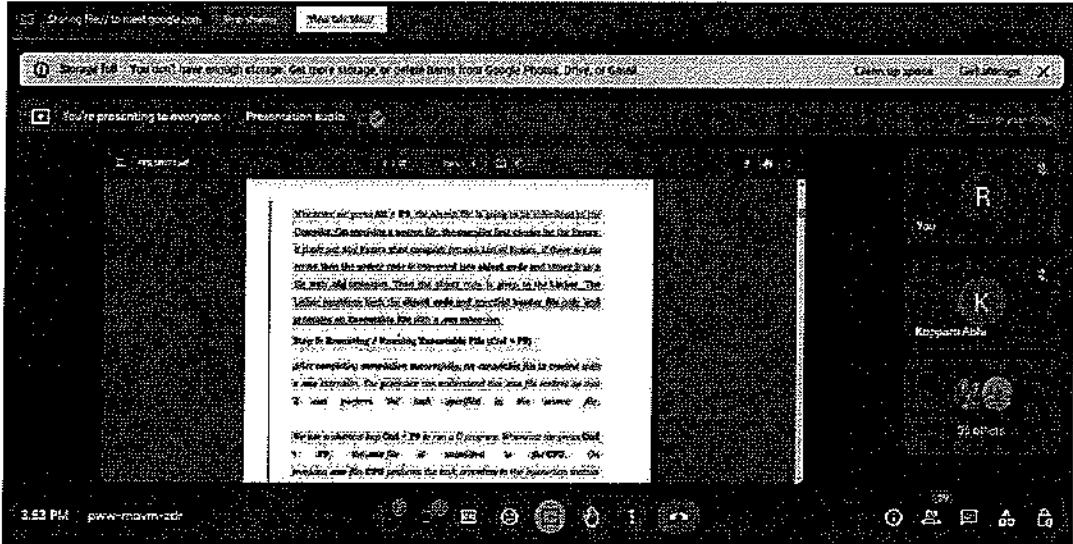
Screen Shot-1



Topic : Creating and Executing of C Language



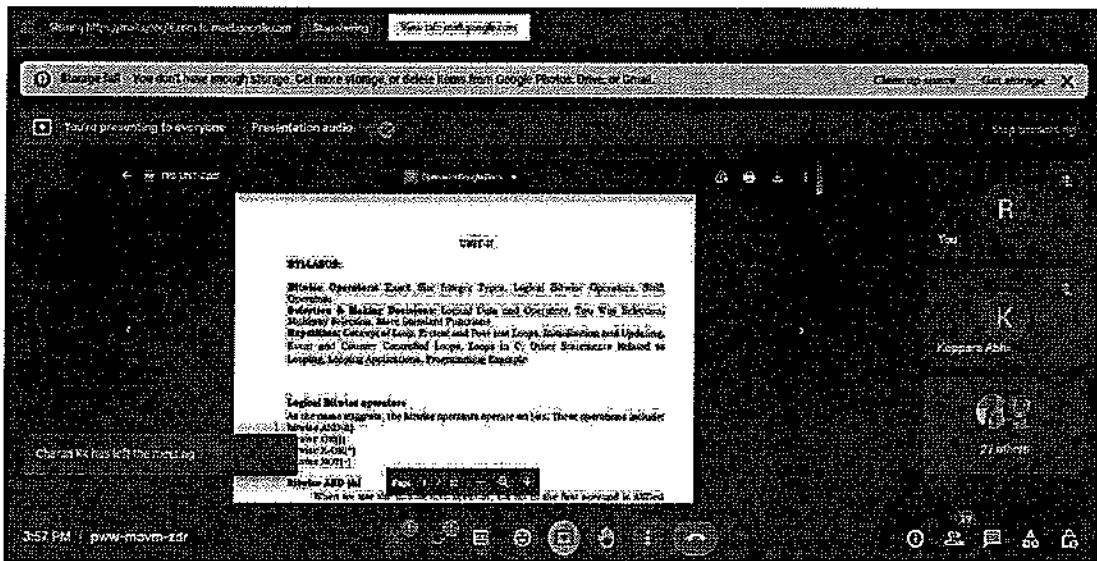
Screen Shot-2



Topic : Executing and Running Executable File

UNIT-2

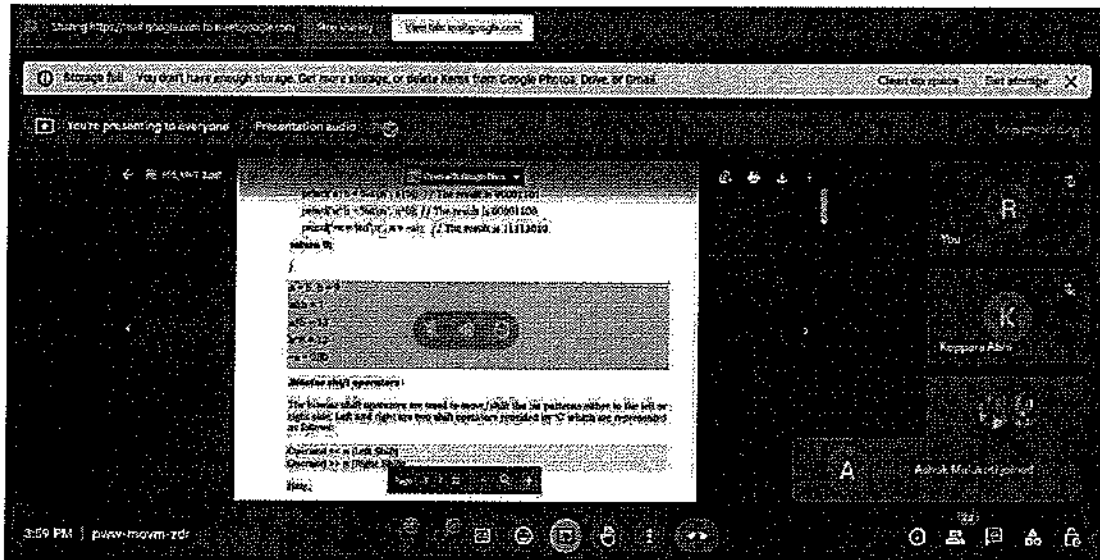
Screen Shot-1



Topic : Logical Bitwise Operators



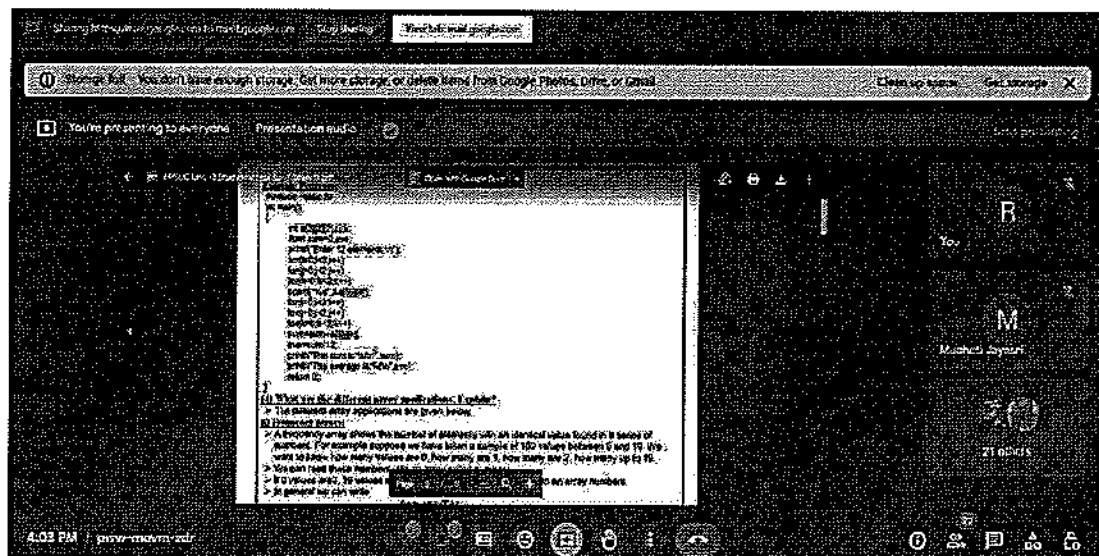
Screen Shot-2



Topic : Bitwise shift Operators

UNIT-3

Screen Shot-1

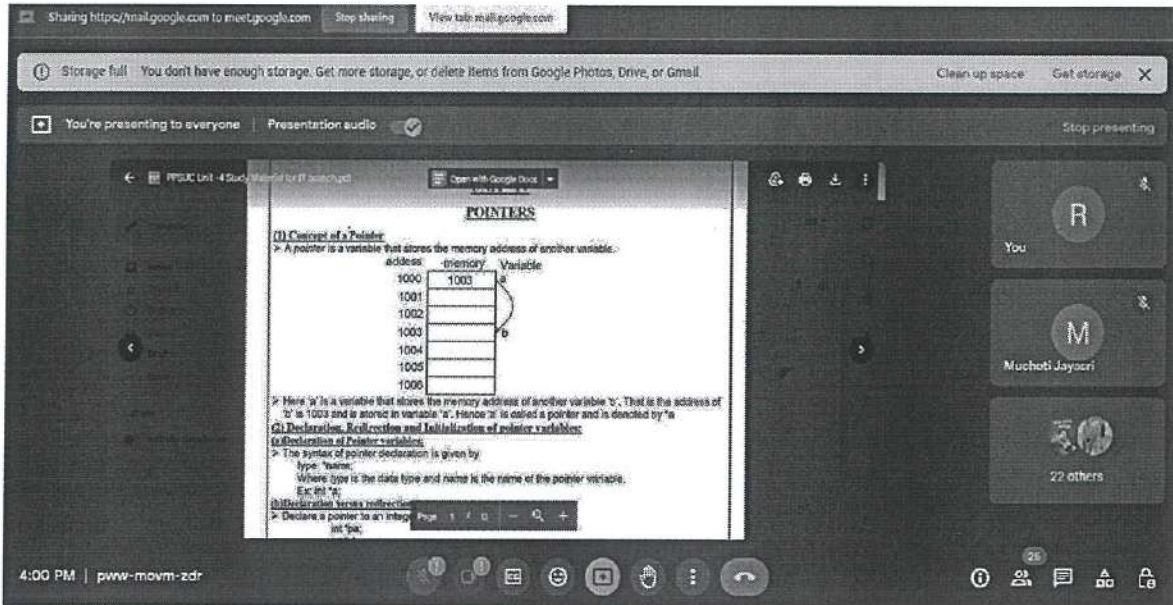


Topic : Array Applications



UNIT-4

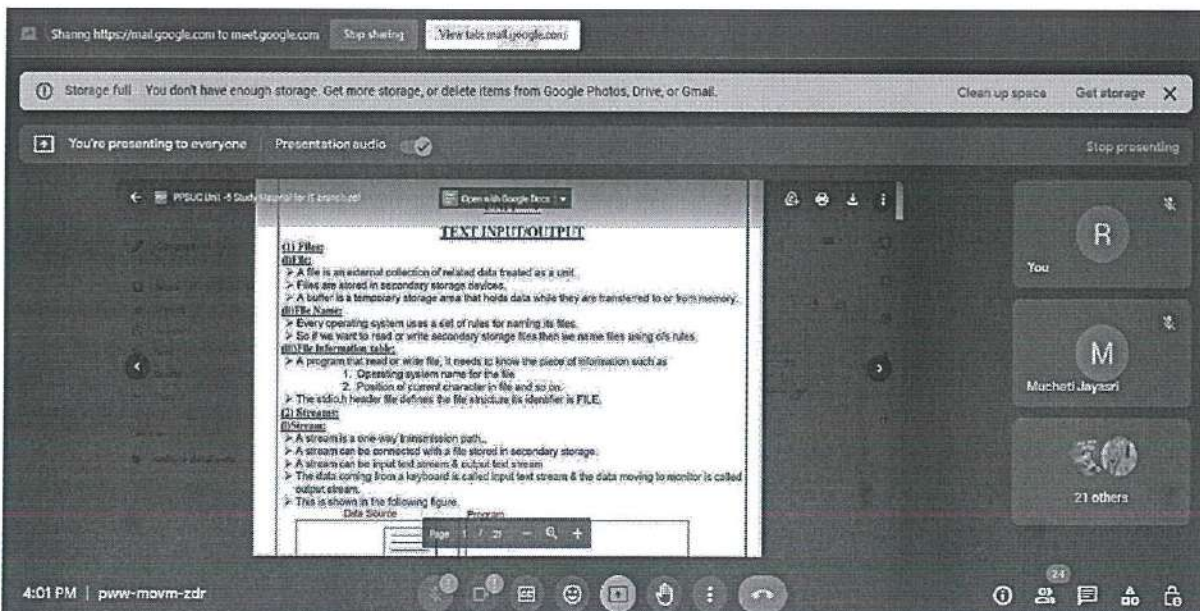
Screen Shot-1



Topic : Pointers

UNIT-5

Screen Shot



Topic : Text Input/Output of Files

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Report on Quiz Program on "ELECTRICAL AND ELECTRONICS ENGINEERING, Current Affairs & General knowledge"

Academic Year: 2021-2022

Timings: 10:20 am to 11:20 am

Year/Semester: All Students

Date: 25/05/2022

MR.D.DHANA PRASAD, Assist. Prof, has conducted a Quiz Program on "" for All year students. 165 members have participated in the Technical fest event. This program was organized under the guidance of Mr.A.Arjuna Rao, HOD, Electrical and Electronics Engineering.

The total strength was divided into 10 groups. The event was started by introducing about the Quiz program and giving instructions to the students, by the concern faculty. And then he started asking questions the students who knows the answer are giving answers.

Students are actively participated the program and they exposed to learn more beyond the subject. They are showing interest to attend this type of programs in our institution. They get motivated by the faculty to participate such programs.



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1. Which of the following elements of electrical engineering cannot be analyzed using Ohm's law?
 - a) Capacitors
 - b) Inductors
 - c) Transistors
 - d) Resistance
2. What is constant for a charged spherical shell according to basic electrical energy?
 - a) Electrical potential outside the spherical shell
 - b) Electrical potential inside the spherical shell
 - c) Electrical field outside the spherical shell
 - d) Electrical field inside the spherical shell
3. Where does electro-static shielding occur in a charged spherical shell?
 - a) When electrical potential outside spherical shell is zero
 - b) When electrical potential inside the spherical shell is zero
 - c) When electrical field outside the spherical shell
 - d) Electrical field inside the spherical shell
4. Which of the following is a correct representation of peak value in an AC Circuit?
 - a) RMS value/Peak factor
 - b) RMS value*Form factor
 - c) RMS value/Form factor
 - d) RMS value*Peak factor
5. Which of the following according to fundamentals of electrical energy is correct about alternating current?
 - a) Frequency is zero
 - b) Magnitude changes with time
 - c) Can be transported to larger distances with less loss in power
 - d) Flows in both directions
6. How many cycles will an AC signal make in 2 seconds if its frequency is 100 Hz?
 - a) 50
 - b) 100
 - c) 150
 - d) 200
7. What will be the direction of the drift velocity of electrons change with respect to the electric field?
 - a) same as that of electric field
 - b) opposite to that of electric field
 - c) perpendicular to that of the electric field in a positive direction
 - d) perpendicular to that of the electric field in a negative direction
8. What will be the current density of metal if a current of 30A is passed through a cross-



sectional area of 0.5m^2 ?

- a) 7.5 A/m^2
 - b) 15 A/m^2
 - c) 60 A/m^2
 - d) 120 A/m^2
9. Which of the following is correct about the power consumed by R_1 and R_2 connected in series if the value of R_1 is greater than R_2 ?
- a) R_1 will consume more power
 - b) R_2 will consume more power
 - c) R_1 and R_2 will consume the same power
 - d) The relationship between the power consumed cannot be established
10. What is zero for a charged spherical shell?
- a) Electrical potential outside the spherical shell
 - b) Electrical potential inside the spherical shell
 - c) Electrical field outside the spherical shell
 - d) Electrical field inside the spherical shell
11. What kind of quantity is an Electric potential?
- a) Vector quantity
 - b) Tensor quantity
 - c) Scalar quantity
 - d) Dimensionless quantity
12. What do crowded lines of force indicate?
- a) Strong electric field
 - b) Weak electric field
 - c) Strong electric potential
 - d) Weak electric potential
13. What is the direction of the electric field at a point?
- a) Along the line perpendicular to the electric field
 - b) Along the line tangent to the electric field
 - c) Electric field has no direction
 - d) Electric field has a random direction
14. What is the magnitude of mutually induced emf, E_2 in a transformer?
- a) directly proportional to rate of change of flux and number of secondary turns
 - b) inversely proportional to rate of change of flux and number of secondary turns
 - c) proportional to rate of change of flux and inversely proportional to number of secondary turns
 - d) inversely proportional to the rate of change of flux and proportional to number of secondary turns



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15. Which of the following will happen in a transformer when the number of secondary turns is less than the number of primary turns?
- The voltage gets stepped up
 - The voltage gets stepped down
 - The power gets stepped up
 - The power gets stepped down
16. What is the number of primary turns in a 200/1000 V transformer if the emf per turn is 10V?
- 5
 - 10
 - 20
 - 40
17. Which of the following is a correct representation of average value in an AC Circuit?
- RMS value/Form factor
 - RMS value*Form factor
 - RMS value/Peak factor
 - RMS value*Peak factor
18. Who defined electric current and devised a method to measure current?
- Michael Faraday
 - Andre-Marie Ampere
 - Nikola Tesla
 - Alessandro Antonio Volta
19. How many electrons will constitute 2 Coulombs of electric charge?
- $6.24 * 10^{18}$ electrons
 - $12.48 * 10^{18}$ electrons
 - $1.602 * 10^{19}$ electrons
 - $3.204 * 10^{19}$ electrons
20. Which of the following is correct about direct current?
- Magnitude is constant
 - Frequency is zero
 - Can be transported to larger distances with less loss in power
 - Flows in one direction



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Question paper Quiz Program on "Computer science and Engineering, Current Affairs

& General knowledge"

Academic Year: 2021-2022

Timings: 10:20 am to 11:20 am

B.Tech Year/Semester: Participated students

Date: 25/05/2022

ATTENDANCE SHEET

SI.NO	REGD.NO	NAME OF THE STUDENT	SIGNATURE
1	18Q71A0201	Ayyagari Sundhara Siva Pavan Kumar	Sundhara Pavan Kumar
2	18Q71A0202	Baipa Pavan Kumar	B. pavan kumar
3	18Q71A0203	Bevara Chetana	chetana
4	18Q71A0204	Bhaskar Rao Ganivada	Bhaskar Rao
5	18Q71A0205	Doodatndrani Kavya Sri	D. Kavya Sri
6	18Q71A0206	Gadhamsetty Harsha	Harsha
7	18Q71A0207	Gorle Venkatesh	G. Venkatesh
8	18Q71A0208	Goruputi Ome Vardhan	G. ome vardhan
9	18Q71A0209	Kambala Sai Dhana Sree	ome vardhan
10	18Q71A0210	Mahanthi Bhuvana	M. Bhuvana
11	19Q75A0201	Appikonda Sravani	A. Sravani
12	19Q75A0202	Attada Suresh	A. Suresh
13	19Q75A0203	Ayaluri Manogyna Gayatri	Gayatri
14	19Q75A0204	Bali Prudhvi Deepika	Prudhi Deepika
15	19Q75A0205	Batna Chinnammadu	B. chinnammadu
16	19Q75A0206	Chepala Akshith Kumar	Ch. Akshith Kumar
17	19Q75A0207	Danivireddy Ayyappa	D. Ayyappa
18	19Q75A0208	Eppili Mohana Rao	Mohana Rao
19	19Q75A0209	Gokeda Pradeep	Pradeep
20	19Q75A0210	Gollu Naga Prasad	Naga Prasad
21	19Q71A0203	Chandaka Sai Priya	Sai Priya
22	19Q71A0204	Darla Venkatesh	D. Venkatesh
23	19Q71A0205	Dommeti Venkata Laxman	venkata laxman
24	19Q71A0206	Indraganti Sudheer	I. sudheer
25	19Q71A0208	Mahanthi Ananda Rao	Ananda Rao
26	19Q71A0209	Muvvala Dinesh	m. Dinesh
27	19Q71A0210	Palaparathi Venkata Nagendra	venkata nagendra
28	19Q71A0211	Pamu Suresh	Suresh
29	19Q71A0212	Sadaram Mohan Kireeti	Kireeti



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30	19Q71A0214	Yelagada Manikanta	Manikanta
31	20Q75A0229	Gudivada Ramya	G. Ramya
32	20Q75A0230	Kalyampudi Prasanna Kumar	Prasanna Kumar
33	20Q75A0231	Lenka Suresh	Suresh
34	20Q75A0232	Manyala Narayana Rao	Narayana Rao
35	20Q75A0233	Pilla Narendra	P. Narendra
36	20Q75A0234	Robbi Tarun	Tarun
37	20Q75A0235	Routhu Ramkumar	R. Ramkumar
38	20Q75A0236	Ravi Nagendra	Ravi Nagendra
39	20Q75A0237	Sornapudi Bhargavi	S. Bhargavi
40	20Q75A0238	Koppiseti Akhil	Akhil
41	20Q71A0201	Biddika Vijay Kumar	B. Vijay Kumar
42	20Q71A0202	Bongu Vasudeva Naidu	B. Vasudeva Naidu
43	20Q71A0204	Chapa Naveen	C. Naveen
44	20Q71A0206	Chintapalli Sravallika	Ch. Sravallika
45	20Q71A0207	Chokkakula Tarun	Tarun
46	20Q71A0208	Dasari Vamshi	D. Vamshi
47	20Q71A0209	Dokkari Ravi	D. Ravi
48	20Q71A0210	Gandreti Ajay Kumar	G. Ajay Kumar
49	20Q71A0212	Gorji Abhinash	G. Abhinash
50	20Q71A0213	Gudivada Satyanarayana	G. Satyanarayana


HOD-EEE

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Department of Electrical and Electronics Engineering
Avanathi Institute of Engg. & Tech.
Cherukupally (V), Chittivalasa (SAO)
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Question paper Quiz Program on "Computer Science and Engineering, Current Affairs & General knowledge"

Academic Year: 2021-2022

Timings: 10:20 am to 11:20 am

B.Tech Year/Semester: Participated students

Date: 25/02/2022

MARKS

SLNO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	18Q71A0201	Ayyagari Sundhara Siva Pavan Kumar	A	30
2	18Q71A0202	Baipa Pavan Kumar	A	30
3	18Q71A0203	Bevara Chetana	A	30
4	18Q71A0204	Bhaskar Rao Ganivada	A	30
5	18Q71A0205	Doodatndrani Kavya Sri	A	30
6	18Q71A0206	Gadhamsetty Harsha	A	30
7	18Q71A0207	Gorle Venkatesh	A	30
8	18Q71A0208	Goruputi Ome Vardhan	A	30
9	18Q71A0209	Kambala Sai Dhana Sree	A	30
10	18Q71A0210	Mahanthi Bhuvana	A	30

SLNO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	20Q71A0201	Biddika Vijay Kumar	B	20
2	20Q71A0202	Bongu Vasudeva Naidu	B	20
3	20Q71A0204	Chapa Naveen	B	20
4	20Q71A0206	Chintapalli Sravallika	B	20
5	20Q71A0207	Chokkakula Tarun	B	20
6	20Q71A0208	Dasari Vamshi	B	20
7	20Q71A0209	Dokkari Ravi	B	20
8	20Q71A0210	Gandreti Ajay Kumar	B	20
9	20Q71A0212	Gorji Abhinash	B	20
10	20Q71A0213	Gudivada Satyanarayana	B	20



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SI.NO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	19Q75A0201	Appikonda Sravani	C	30
2	19Q75A0202	Attada Suresh	C	30
3	19Q75A0203	Ayaluri Manogyna Gayatri	C	30
4	19Q75A0204	Bali Prudhvi Deepika	C	30
5	19Q75A0205	Batna Chinnammadu	C	30
6	19Q75A0206	Chepala Akshith Kumar	C	30
7	19Q75A0207	Danivireddy Ayyappa	C	30
8	19Q75A0208	Eppili Mohana Rao	C	30
9	19Q75A0209	Gokeda Pradeep	C	30
10	19Q75A0210	Gollu Naga Prasad	C	30

SI.NO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	20Q75A0229	Gudivada Ramya	D	60
2	20Q75A0230	Kalyampudi Prasanna Kumar	D	60
3	20Q75A0231	Lenka Suresh	D	60
4	20Q75A0232	Manyala Narayana Rao	D	60
5	20Q75A0233	Pilla Narendra	D	60
6	20Q75A0234	Robbi Tarun	D	60
7	20Q75A0235	Routhu Ramkumar	D	60
8	20Q75A0236	Ravi Nagendra	D	60
9	20Q75A0237	Sornapudi Bhargavi	D	60
10	20Q75A0238	Koppiseti Akhil	D	60

SI.NO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	19Q71A0203	Chandaka Sai Priya	E	45
2	19Q71A0204	Darla Venkatesh	E	45
3	19Q71A0205	Dommeti Venkata Laxman	E	45
4	19Q71A0206	Indraganti Sudheer	E	45
5	19Q71A0208	Mahanthi Ananda Rao	E	45
6	19Q71A0209	Muvvala Dinesh	E	45
7	19Q71A0210	Palaparthi Venkata Nagendra	E	45
8	19Q71A0211	Pamu Suresh	E	45
9	19Q71A0212	Sadaram Mohan Kireeti	E	45
10	19Q71A0214	Yelagada Manikanta	E	45

Result: After the analysis of student's performance in Quiz program as listed above, the winner was announced by HOD: Group D


HOD-EEE
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Department of Electrical and Electronics Engineering
Avanthi Institute of Engg. & Tech.
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TUTORIALS

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

13/04/2022

Circular

This is information that all the Head of the Department should maintain the Academic Course file and same should be submit at the time of IQAC Audit. In that as per JNTUK indication 4 credit course must have its tutorial session. It should be reflect in the time table. Two class rooms need to be allocate and divide the two batches of each class students.

Principal
PRINCIPAL

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TIME TABLE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CLASS: IV BTECH II SEM

Class in- charge: G.Phanindra								
DAY/TIME	9:30-10:30	10:30-11:20	11:20-12:10	12:10-1:00	1:00-1:50	1:50-2:20	2:20-3:30	3:30-4:20
MON	DCS	DCS	HVDC	LUNCH	EDS	PROJECT	PROJECT	PROJECT
TUE	FACTS	HVDC	HVDC		FACTS	CRT	CRT	CRT
WED	EDS	HVDC	HVDC		FACTS	PROJECT	PROJECT	LIBRARY
THU	FACTS	FACTS	EDS		DCS	FACTS	LIBRARY	SPORTS
FRI	FACTS	DCS	DCS		HVDC	PROJECT	PROJECT	PROJECT
SAT	DCS	DCS	HVDC		EDS	FACTS	CRT	CRT

S.NO.	NAME OF THE FACULTY	DESIGNATION	SUBJECT NAME	DEPARTMENT
1	O. Gowri	Asst. Prof	Digital Control Systems	EEE
2	G .Giridhar Reddy	Asst. Prof	HVDC Transmission	EEE
3	U Venkata Lakshmi	Asst. Prof	Electrical Distribution Systems	EEE
4	S. Jhansi Rani	Asst. Prof	FACTS	EEE
5	Chandra Sekhar	Asst. Prof	CRT	Training&Placement
6	G.Phanindra	Asst. Prof	Project in-charge	EEE



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TUTORIAL CLASSES

SUBJECT: HVDC TRANSMISSION

ACADEMIC YEAR:-2021-2022

FACULTY NAME: G.GIRIDHAR REDDY

YEAR/SEM: - IV/II

S.NO	DATE	TUTORIAL TOPIC	NO. OF STUDENTS PRESENT
1	15-04-2022	Types of HVDC Links	55
2	18-04-2022	Comparison of AC & DC Transmission	56
3	19-04-2022	Planning & Modern trends in D.C. Transmission	55
4	20-04-2022	Choice of converter configuration	56
5	22-04-2022	characteristics of 6 pulse & 12 pulse converters	55
6	23-04-2022	Cases of two 3 phase converters in star –star mode	56
7	25-04-2022	Principal of DC Link Control	57
8	26-05-2022	Effect of source inductance on the system	55
9	27-05-2022	Starting and stopping of DC link - Power Control.	56
10	29-05-2022	Conventional control strategies of Reactive Power Requirements in steady state	56



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING TUTORIAL CLASSES ATTENDANCE SHEET

SUBJECT: HVDC TRANSMISSION

ACADEMIC YEAR:-2021-2022

FACULTY NAME: G.GIRIDHAR REDDY

YEAR/SEM: - IV/II

S NO	REGD.NO	NAME OF THE STUDENT	DATE									
			15-04-2022	18-04-2022	19-04-2022	20-04-2022	22-04-2022	23-04-2022	25-04-2022	26-04-2022	26-04-2022	29-04-2022
1	17Q71A0202	D VAMSI KRISHNA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	18Q71A0201	AYYAGARI SUNDHARA SIVA PAVAN KUMAR	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
3	18Q71A0202	BAIPA PAVAN KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	18Q71A0203	BEVARA CHETANA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	18Q71A0204	BHASKAR RAO GANIVADA	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	18Q71A0205	DOODATNDR ANI KAVYA SRI	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
7	18Q71A0206	GADHAMSET TY HARSHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	A
8	18Q71A0207	GORLE VENKATESH	✓	✓	✓	✓	✓	✓	✓	✓	A	✓
9	18Q71A0208	GORUPUTI OME VARDHAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	18Q71A0209	KAMBALA SAI DHANA SREE	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
11	18Q71A0210	MAHANTHI BHUVANA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	18Q71A0211	MAHANTHI SURESH	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
13	18Q71A0212	MERUGU GOPI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	18Q71A0213	MOHAMMAD ANWAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	18Q71A0214	MUGIDI LAKSHMANN AIDU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	18Q71A0215	PEDIREDLA DILIP KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	18Q71A0216	PENKI SAI PRIYA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



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18	18Q71A0217	PILLA PRAVEENA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	18Q71A0218	POTHINA AJAY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	18Q71A0220	SEEMALA DILLESWARA RAO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	18Q71A0221	SURADA NAIDU	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
22	18Q71A0222	VASANTALA SWATHI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	19Q75A0201	APPIKONDA SRAVANI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24	19Q75A0202	ATTADA SURESH	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
25	19Q75A0203	AYALURI MANOGYNA GAYATRI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
26	19Q75A0204	BALI PRUDHVI DEEPIKA	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
27	19Q75A0205	BATNA CHINNAMMA DU	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
28	19Q75A0206	CHEPALA AKSHITH KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
29	19Q75A0207	DANIVIREDDY AYYAPPA	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
30	19Q75A0208	EPPILI MOHANA RAO	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
31	19Q75A0209	GOKEDA PRADEEP	✓	✓	✓	✓	✓	✓	✓	✓	A	✓
32	19Q75A0210	GOLLU NAGA PRASAD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	19Q75A0211	GORLE MAHESH	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
34	19Q75A0212	GUNDU KARTHIK	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
35	19Q75A0213	GURUGUBELI VASANTA RAO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
36	19Q75A0214	IJJU VENKATESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	A
37	19Q75A0215	KAREDLA HARISH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
38	19Q75A0216	KORNU MANMADHA RAO	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
39	19Q75A0217	KOTTAGIRI RAHUL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
40	19Q75A0219	MAJJI SWATHI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



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41	19Q75A0220	ODURI JAGADISH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
42	19Q75A0221	P VENKATA SATYA SAI RAMAKANTH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
43	19Q75A0222	PENTAPALLI MARY PRIYANKA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
44	19Q75A0223	PONAGANTI VISHNUVAR DHAN	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
45	19Q75A0224	PONNADA PHANI KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
46	19Q75A0225	PUTRUPOKA LA DHEERAJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
47	19Q75A0226	ROUTHU RAMBABU	✓		✓	✓	✓	✓	A	✓	✓	✓
48	19Q75A0227	SALADI GANESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
49	19Q75A0228	SARISHA DIVAKAR	✓	✓		✓	✓	✓	✓	✓	✓	✓
50	19Q75A0229	RALLAPUDI VASUDEVA RAO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
51	19Q75A0230	SURADA KRISHNA MOHAN	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
52	19Q75A0231	SUTTI BALU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
53	19Q75A0232	TABELU PAVAN KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
54	19Q75A0233	VADISA NAVEEN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
55	19Q75A0234	VATTI KOOTI SAI SURYA PRAKASH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
56	19Q75A0235	CHALLA DILLESWARA RAO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
57	19Q75A0236	NARSUPALLI HARIKA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
58	19Q75A0237	KOTTAGUND U BHANU PRASAD	✓	✓	✓	✓	✓	✓	✓	✓	A	✓

HOD-EEE

Head of The Department
Department of Electrical and Electronics Engineering
Avanthi Institute of Engg. & Tech.
Cherukupally (V), Chittivalasa (SAO)
Bhogapuram (M), Vizianagaram (Dist) -531163



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DEPARTMENT OF CIVIL ENGINEERING

Report on Quiz Program on "Civil Engineering, Current Affairs & General knowledge

Academic Year: 2021-2022

Timings: 10:20 am to 11:20 am

B. Tech Year/Semester: All Students

Date: 26/02/2022

Mr. T. Harish, Assist. Prof, has conducted a Quiz Program for All year students. 60 members have participated in the technical fest event. This program was organized under the guidance of Mr. R. Venkatesh, HOD, Civil Engineering.

The total strength was divided into 6 groups. The event was started by introducing about the Quiz program and giving instructions to the students, by the concern faculty. And then he started asking questions the students who knows the answer are giving answers.

Students are actively participated the program and they exposed to learn more beyond the subject. They are showing interest to attend this type of programs in our institution. They get motivated by the faculty to participate such programs.



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1. The carbon content of steel is:

- a) Less than 0.15%
- b) 2% – 4%
- c) 0.08%
- d) 0.002% – 2.1%

2. When carbon contents less than 0.1%, steel is called:

- a) Mild steel
- b) Medium carbon steel
- c) Dead steel
- d) Hard steel

3. Very low carbon steel is used for:

- a) Wires
- b) Wire nails
- c) Screw drivers
- d) Rods

4. The sieve sets for coarse aggregate ranges from:

- a) 40-4.75mm
- b) 20-4.75mm
- c) 80-4.75mm
- d) 100-4.75mm

5. What is a receiver in a sieve analyser?

- a) Round pan on top
- b) First sieve
- c) Last sieve
- d) Round pan at base

6. Which of the below is a limitation of performing sieve analysis?

- a) Time consuming
- b) Costly
- c) Particle shape
- d) Particle size

7. The thickness of veneers varies from:

- a) 0.4-0.6 cm
- b) 0.1-0.4 cm
- c) 0.1-0.4 mm
- d) 0.4-0.6 mm

8. Debarking is done so as to:

- a) Safeguard saws
- b) Improve seasoning
- c) Expose surface of wood
- d) Reduce weight

9. Which one of the following is not a classification of stones?

- a) Physical Classification



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- b) Mineralogical Classification
- c) Chemical Classification
- d) Practical Classification

10. At what depth and rate is a hypabyssal rock formed?

- a) Slow cooling of magma at considerable depth
- b) Quick cooling of magma at a shallow depth
- c) Rapid cooling of magma at Earth's surface
- d) Rapid cooling of magma at a shallow depth

11. India conducted a joint forum meet with which country, under its 'Act East Policy'?

- a) Nepal
- b) Japan
- c) Thailand
- d) Singapore

12. Motera stadium, the world's biggest cricket stadium, is located in which city?

- a) Melbourne
- b) Ahmedabad
- c) Sydney
- d) Adelaide

13. The first official World Bicycle Day (WBD-2018) is observed on which date?

- a) June 1
- b) June 2
- c) June 3
- d) June 4

14. Which state government has announced a new scheme 'Kanya Van Samruddhi Yojana'?

- a) Punjab
- b) Mizoram
- c) Madhya Pradesh
- d) Maharashtra

15. Ordinary Portland cement (OPC) has been classified into how many grades?

- a) 2
- b) 3
- c) 10
- d) 5

16. Grade 43 OPC shall be rejected if it remains in bulk storage in the factory for:

- a) More than 3 months
- b) More than 1 month
- c) More than 6 months
- d) More than 4 months

17. How much maximum percentage by mass of performance improvers can be added in grade 33 OPC?

- a) 0.5
- b) 1



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- c) 5
- d) 0.1

18. Stone blocks help in saving materials by reducing wall thickness from:

- a) 30-20mm
- b) 20-10cm
- c) 20-10mm
- d) 30-20cm

19. _____ are widely used in rural areas for construction of walls?

- a) Red bricks
- b) Stabilised mud blocks
- c) Lime based bricks
- d) Hollow bricks

20. Which of the below roofing materials is most cost effective?

- a) Asphalt
- b) Plastic
- c) Rubber
- d) Metal



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DEPARTMENT OF CIVIL ENGINEERING

Question paper Quiz Program on "CIVIL, Current Affairs & General knowledge"

Academic Year: 2021-2022

Timings: 10:20 am to 11:20 am

B. Tech Year/Semester: Participated students

Date: 26/02/2022

ATTENDANCE SHEET

SL.NO	REGD.NO	NAME OF THE STUDENT	SIGN
1.	18521A0102	G. Younathan	G. Younathan
2.	18521A0104	K. Bhulakshmi	K. Bhulakshmi
3.	18Q71A0101	B Biswajith	B. Biswajith
4.	18Q71A0104	Ch Suchitra	Ch. Suchitra
5.	18Q71A0106	J Devi	J. Devi
6.	18Q71A010	K Shyam Kumar Raju	K. Shyam Kumar Raju
7.	18Q71A0109	N Prasanth	N. Prasanth
8.	18Q71A0110	N Satish	N. Satish
9.	18Q71A0111	P Santosh	P. Santosh
10.	18Q71A0112	B Prasanth	B. Prasanth
11.	18Q71A0113	R Bharath Surya	R. Bharath Surya
12.	18Q71A0114	S Shymanth Prasad	S. Shymanth Prasad
13.	18Q71A0115	T Tejaswini	T. Tejaswini
14.	19525A0102	B. Suryateja	B. Suryateja
15.	19525A0103	D. Ravi	D. Ravi
16.	19525A0104	G. Mohan	G. Mohan
17.	19525A0106	K. Chandra Kishor	K. Chandrasai
18.	19525A0108	L. Krishna Prasad	L. Prasad
19.	19525A0113	V. Venkata Manikanta	V. Venkata Manikanta
20.	19Q75A0101	A Ravindra	A. Ravindra
21.	19Q75A0103	B Sai Ganesh	B. Sai Ganesh
22.	19Q75A0105	Ch Kasi Naidu	Ch. Kasi Naidu
23.	19Q75A0106	J Neelima	J. Neelima
24.	19Q75A0107	G Chandra Sekhar	G. Chandra Sekhar
25.	19Q75A0108	K S Radha Krishna	K. S. Radha Krishna
26.	19Q75A0109	K Pavan Kumar	K. Pavan Kumar
27.	19Q75A0110	K Sai Teja	K. Sai Teja
28.	19Q75A0111	K Satish	K. Satish
29.	19Q75A0113	M Anand	M. Anand



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30.	19Q75A0114	M Bharath	M. Bharath
31.	19Q75A0117	P Sai Chandu	P. Sai Chandu
32.	19Q75A0118	P Jeevan Kumar	P. Jeevan Kumar
33.	19Q75A0119	R Raju	R. Raju
34.	19Q75A0120	S Raju	S. Raju
35.	19Q75A0121	S Nageswara Rao	S. Nageswara Rao
36.	19Q75A0123	S Vamsi	S. Vamsi
37.	19Q75A0124	T Indravathi	T. Indravathi
38.	19Q75A0125	Y Anusha	Y. Anusha
39.	19Q71A0101	Chetla Saraswathi	Ch. Saraswathi
40.	19Q71A0102	Chandana Pandi	P. Chandan
41.	19Q71A0103	Ellipilli Srinivas	E. Srinivas
42.	19Q71A0104	G Mithun Krishnan	G. Mithun
43.	19Q71A0105	Jestadi Tharun	J. Tharun
44.	19Q71A0106	G. Hemanth Bhuvan Chand	G. Hemanth
45.	19Q71A0107	Mallareddy Lokesh	M. Lokesh
46.	19Q71A0108	Menda Koteswara Rao	M. Koteswara Rao
47.	19Q71A0109	Mudili Guna Shekar	M. Guna Shekar
48.	19Q71A0110	Ommi Pavan Kumar	O. Pavan Kumar
49.	19Q71A0111	Pediredla Lokesh	P. Lokesh
50.	19Q71A0112	Reddi Chandra Mouli	R. Chandra Mouli
51.	19Q71A0115	Vanjari Anusha	V. Anusha
52.	20Q75A0101	Boni Vijay Kumar	B. V. Kumar
53.	20Q75A0102	Seeku Ramyasri	S. Ramyasri
54.	20Q75A0103	Mandadi Rakesh Kumar Reddy	M. Rakesh Kumar
55.	20Q75A0104	Kuracha Teja	K. Teja
56.	20Q75A0105	Marrapu Manikanta	M. Manikanta
57.	20Q75A0106	Masabattula Satyannarayana	M. Satyanarayana
58.	20Q75A0107	Pallela Vinay	P. Vinay
59.	20Q75A0108	Pilli Murali	P. Murali
60.	20Q75A0109	Bandaru Manohar	M. Manohar

P. Venkatesh
HOD-CIVIL

Head of the Department
Civil Engineering



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DEPARTMENT OF CIVIL ENGINEERING

Question paper Quiz Program on "CIVIL, Current Affairs & General knowledge"

Academic Year: 2021-2022

Timings: 10:20 am to 11:20 am

B. Tech Year/Semester: Participated students

Date: 26/02/2022

MARKS

SI.NO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	19Q75A0119	R RAJU	A	80
2	19Q75A0120	S RAJU	A	80
3	19Q75A0121	S NAGESWARA RAO	A	80
4	19Q75A0123	S VAMSI	A	80
5	19Q75A0124	T INDRAVATHI	A	80
6	19Q75A0125	Y ANUSHA	A	80
7	19Q71A0101	CHETLA SARASWATHI	A	80
8	19Q71A0102	CHANDANA PANDI	A	80
9	19Q71A0103	ELLIPILLI SRINUVAS	A	80
10	19Q71A0104	G MITHUN KRISHNAN	A	80

SI.NO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	19Q75A0110	K SAI TEJA	B	40
2	19Q75A0111	K SATISH	B	40
3	19Q75A0113	M ANAND	B	40
4	19Q75A0114	M BHARATH	B	40
5	19Q75A0117	P SAI CHANDU	B	40
6	19Q75A0118	P JEEVAN KUMAR	B	40
7	19Q71A0105	JESTADI THARUN	B	40
8	19Q71A0106	G. HEMANTH BHUVAN CHAND	B	40
9	19Q71A0107	MALLAREDDY LOKESH	B	40
10	19Q71A0108	MENDA KOTESWARA RAO	B	40

SI.NO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	19Q75A0103	B SAI GANESH	C	50
2	19Q75A0105	CH KASI NAIDU	C	50
3	19Q75A0106	J NEELIMA	C	50
4	19Q75A0107	G CHANDRA SEKHAR	C	50
5	19Q75A0108	K S RADHA KRISHNA	C	50
6	19Q75A0109	K PAVAN KUMAR	C	50
7	19Q71A0109	MUDILI GUNA SHEKAR	C	50
8	19Q71A0110	OMMI PAVAN KUMAR	C	50
9	19Q71A0111	PEDIREDLA LOKESH	C	50
10	19Q71A0112	REDDI CHANDRA MOULI	C	50



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SI.NO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	19525A0103	D. RAVI	D	60
2	19525A0104	G. MOHAN	D	60
3	19525A0106	K. CHANDRA KISHOR	D	60
4	19525A0108	L. KRISHNA PRASAD	D	60
5	19525A0113	V. VENKATA MANIKANTA	D	60
6	19Q75A0101	A RAVINDRA	D	60
7	19Q71A0115	VANJARI ANUSHA	D	60
8	20Q75A0101	BONI VIJAY KUMAR	D	60
9	20Q75A0102	SEEKU RAMYASRI	D	60
10	20Q75A0103	MANDADI RAKESH KUMAR REDDY	D	60

SI.NO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	18Q71A0111	P SANTOSH	E	70
2	18Q71A0112	B PRASANTH	E	70
3	18Q71A0113	R BHARATH SURYA	E	70
4	18Q71A0114	S SHYMANTH PRASAD	E	70
5	18Q71A0115	T TEJASWINI	E	70
6	19525A0102	B. SURYATEJA	E	70
7	20Q75A0104	KURACHA TEJA	E	70
8	20Q75A0105	MARRAPU MANIKANTA	E	70
9	20Q75A0106	MASABATTULA SATYANNARAYANA	E	70
10	20Q75A0107	PALLELA VINAY	E	70

SI.NO	REGD.NO	NAME OF THE STUDENT	GROUP	MARKS
1	18521A0102	G. YOUNATHAN	F	60
2	18521A0104	K. BHULAKSHMI	F	60
3	18Q71A0101	B BISWAJITH	F	60
4	18Q71A0104	CH SUCHITRA	F	60
5	18Q71A0106	J DEVI	F	60
6	18Q71A010	K SHYAM KUMAR RAJU	F	60
7	18Q71A0109	N PRASANTH	F	60
8	18Q71A0110	N SATISH	F	60
9	20Q75A0108	PILLI MURALI	F	60
10	20Q75A0109	BANDARU MANOHAR	F	60

Result: After the analysis of student's performance in Quiz program as listed above, the winner was announced by HOD: Group A

P. Neekatesh
H.O.D-CIVIL
Head of the Department
Civil Engineering



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TUTORIALS

DEPARTMENT OF CIVIL ENGINEERING

13/04/2022

CIRCULAR

This is information that all the Head of the Department should maintain the Academic Course file and same should be submit at the time of IQAC Audit. In that as per JNTUK indication 4 credit courses must have its tutorial session. It should be reflected in the time table. Two class rooms need to be allocated and divide the two batches of each class students.

Copy to:

1. Principal Office
2. IQAC
3. All HoDs
4. Faculty Circulation

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DEPARTMENT OF CIVIL ENGINEERING

CLASS TIME TABLE AY :2021-2022

CLASS: III B. Tech- I SEM

A.Y:2021-202

Class In charge: M. Sumathi								
DAY/TIME	9:30-10:30	10:30-11:20	11:20-12:10	12:10-1:00	1:00-1:50	1:50-2:40	2:40-3:30	3:30-4:20
MON	SA	CT	DM	L U N C H	WRE-I	EE-II	CRT	EIA
TUE	WRE-I	DM	EE-II		Library	CT Lab		
WED	WRE-I	DM	CT		EIA	Tutorial Classes	CT	SA
THU	EE-II	SA	WRE-I		EIA	SFW-II Lab		
FRI	SA	CT	EE-II		DM	WRE-I	CRT	EIA
SAT	CT	SA	EIA		EE-II	DM	CRT	Sports

DEPARTMENT OF CIVIL ENGINEERING

CLASS TIME TABLE AY :2021-2022

CLASS: IV B. Tech- I SEM

A.Y:2021-2022

Class In charge: G. Anand								
DAY/TIME	9:30-10:30	10:30-11:20	11:20-12:10	12:10-1:00	1:00-1:50	1:50-2:40	2:40-3:30	3:30-4:20
MON	EE-II	WRE-II	CRT	L U N C H	GTE-II	EIAM	Tutorial Classes	APC
TUE	APC	RS&GIS	EIAM		EE-II	GTE-II	WRE-II	Sports
WED	EIAM	APC	WRE-II		GTE-II	GIS & CAD Lab		
THU	WRE-II	RS&GIS	EE-II		APC	CRT	EIAM	Library
FRI	RS&GIS	GTE-II	EE-II		CRT	Irrigation Design & Drawing		
SAT	GTE-II	CRT	WRE-II		IPR	EE-II	WRE-II	RS&GIS

P. Venkatesh
HOD-CIVIL

Head of the Department
Civil Engineering

AVANTHI INSTITUTE OF ENGG. & TECH.
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Bhogapuram (M), Vizianagaram (D)-531162

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DEPARTMENT OF CIVIL ENGINEERING

CLASS TIME TABLE AY :2021-2022

CLASS: III B. Tech- II SEM

A.Y:2021-2022

Class In charge: M. Sumathi								
DAY/TIME	9:30-10:30	10:30-11:20	11:20-12:10	12:10-1:00	1:00-1:50	1:50-2:40	2:40-3:30	3:30-4:20
MON	DDRCS	GTE-I	EPC	LUNCH	MEFA	PSC	CRT	Library
TUE	GTE-I	WRE-II	DDRCS		EPC	CAD Lab		
WED	Socially Relevant Project				CRT	PSC	MEFA	EPC
THU	WRE-II	MEFA	DDRCS		PSC	EPC	EMS	SPORTS
FRI	MEFA	GTE-I	WRE-II		GTE-I	Tutorial Classes		PSC
SAT	PSC	DDRCS	EMS		WRE-II	EE Lab		

DEPARTMENT OF CIVIL ENGINEERING

CLASS TIME TABLE AY :2021-2022

CLASS: IV B. Tech-II SEM

A.Y:2021-2022

Class In charge: G. Anand								
DAY/TIME	9:30-10:30	10:30-11:20	11:20-12:10	12:10-1:00	1:00-1:50	1:50-2:40	2:40-3:30	3:30-4:20
MON	ESC	CTM	PSC	LUNCH	CRT	CRT	SHWM	Sports
TUE	SHWM	ESC	CTM		PSC	Library	Seminar	Project
WED	CTM	PSC	SHWM		CRT	CRT	CTM	Project
THU	PSC	ESC	Seminar		Seminar	SHWM	Tutorial Classes	Project
FRI	ESC	Project			Seminar	CTM	CRT	Project
SAT	ESC	CRT			Project	Seminar	Project	

R. Venkatesh
HOD-CIVIL

Head of the Department
Civil Engineering

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DEPARTMENT OF CIVIL ENGINEERING

TUTORIAL CLASSES


SUBJECT: GEOTECHNICAL ENGINEERING - I


ACADEMIC YEAR: -2021-2022

FACULTY NAME: P. PALLAVI

YEAR/SEM: - III/II

S.NO	DATE	TUTORIAL TOPIC	NO. OF STUDENTS PRESENT
1	15-04-2022	Soil structure and clay mineralogy	22
2	18-04-2022	Mechanism of compaction	23
3	19-04-2022	Sieve and Hydrometer methods	20
4	20-04-2022	Laboratory determination of coefficient of permeability	19
5	22-04-2022	2-D flow and Laplace's equation	22
6	23-04-2022	Boussinesq's and Westergaard's theories for point loads and areas of different shapes	20
7	25-04-2022	Terzaghi's theory of one-dimensional Consolidation	19
8	26-05-2022	Over consolidated and normally consolidated clays	23
9	27-05-2022	Mohr, Coulomb Failure theories	20
10	29-05-2022	Stress strain behavior of clays	22


SIGNATURE OF THE FACULTY


H.O. D-CIVIL
Head of the Department
Civil Engineering
AVANTHI INSTITUTE OF ENGG. & TECH.
Cherukupally (V), Chittivalasa (SAO)
Bhogapuram (M), Vizianagaram (D)-531162



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DEPARTMENT OF CIVIL ENGINEERING TUTORIAL CLASSES ATTENDANCE SHEET

SUBJECT: GEOTECHNICAL ENGINEERING - I

ACADEMIC YEAR: -2021-2022

FACULTY NAME: P. PALLAVI

YEAR/SEM: - III/II

SL.N O	REGD.NO	NAME OF THE STUDENT	DATE									
			15-04- 2022	18-04- 2022	19-04- 2022	20-04- 2022	22-04- 2022	23-04- 2022	25-04- 2022	26-05- 2022	27-05- 2022	29-05- 2022
1	19Q71A0101	Chetla Saraswathi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	19Q71A0102	Chandana Pandi	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
3	19Q71A0103	Ellipilli Srinuvas	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
4	19Q71A0104	G Mithun Krishnan	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
5	19Q71A0105	Jestadi Iharun	✓	✓	✓	✓	✓	✓	✓	✓	A	✓
6	19Q71A0106	Gulla Hemanth Bhuvan Chand	A	✓	✓	✓	✓	A	✓	✓	✓	✓
7	19Q71A0107	Mallareddy Lokesh	✓	✓	✓	A	✓	✓	A	✓	✓	✓
8	19Q71A0108	Menda Koteswara Rao	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
9	19Q71A0109	Mudili Guna Shekar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	19Q71A0110	Omni Pavan Kumar	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
11	19Q71A0111	Pediredla Lokesh	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
12	19Q71A0112	Reddi Chandra Mouli	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
13	19Q71A0114	Tatisetti Jashwanth	✓	✓	✓	✓	✓	✓	✓	✓	A	A
14	19Q71A0115	Vanjari Anusha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	20Q75A0101	Boni Vijay Kumar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	20Q75A0102	Seeku Ramyasri	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	20Q75A0103	Mandadi Rakesh Kumar Reddy	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
18	20Q75A0104	Kuracha Teja	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
19	20Q75A0105	Marrapu	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



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		Manikanta										
20	20Q75A0106	Masabattul a Satyannara yana	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	20Q75A0107	Pallela Vinay	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
22	20Q75A0108	Pilli Murali	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
23	20Q75A0109	Bandaru Manohar	✓	✓	✓	✓	✓	✓	A	✓	✓	✓

P. Venkatesh

H.O.D-CIVIL

Head of the Department

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DEPARTMENT OF CIVIL ENGINEERING

TUTORIAL ASSIGNMENT

SUBJECT: GEOTECHNICAL ENGINEERING - I

ACADEMIC YEAR: -2021-2022

FACULTY NAME: P. PALLAVI

YEAR/SEM: - III/II

UNIT - I

- * Soil : It is defined as an unconsolidated material, composed of solid particles, produced by disintegration of rocks and decomposition of organic matter.
- * Soil Mechanics: It is a branch of Mechanics which deals with the action of forces on soil and with the flow of water in soil. The term 'Soil Mechanics' was coined by late Dr. Karl Terzaghi, who is recognized as the father of soil mechanics.
- * Foundation Engineering or Soil Engineering: It is an applied science dealing with the application of principles of soil mechanics to practical problems. It includes site investigation, design and construction of foundations, earth retaining structures and earth structures.
- * Geotechnical Engineering: It is a broader term which includes soil mechanics, foundation engineering, rock mechanics and geology.
- * Origin of Soils: Soils are formed by weathering of rocks and decomposition of organic matter. Therefore, soils may be organic or inorganic.
 - Organic soils are called 'Cumulose soils'.
 - Examples for organic soils are peat, humus, muck etc.
 - All the solids are derived from disintegration of rocks. The process of soil formation is called pedogenesis and it is cyclic process.



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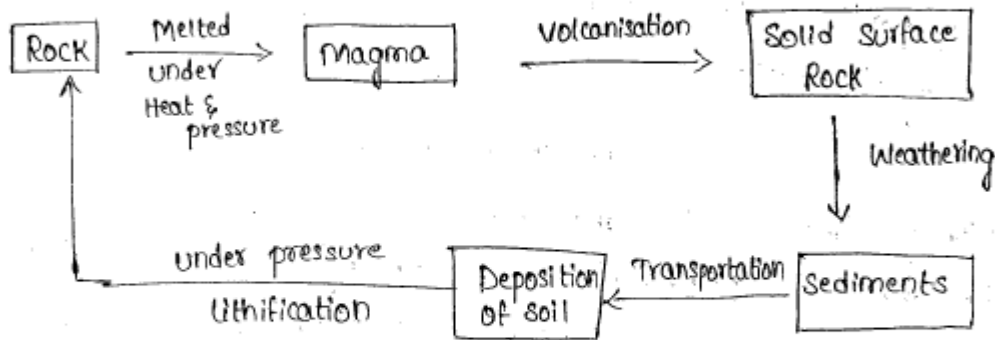
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The cycle of soil formation consists of following --

Geological cycle :



Types of Weathering :

(a) physical

(b) Chemical

(a) physical weathering :

→ It is due to physical effects like temperature, abrasion, wedging action of ice, penetration of plant roots etc.

→ Physical weathering results in no change in chemical composition of particles.

→ It produces coarse grained and non cohesive soils.

Examples : Gravel, Sands

(b) Chemical weathering :

→ It is due to chemical actions (oxidation, hydration, carbonation, leaching, hydrolysis etc)

→ Original rock minerals are transformed into clay minerals, due to chemical weathering.

→ It results in fine grained and cohesive soils.

Ex :- clay



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* The important minerals found in Rocks are

- 1) Feldspar
- 2) Quartz
- 3) Ferro magnesium Minerals
- 4) Iron oxides
- 5) Calcite
- 6) Dolomite
- 7) mica
- 8) Gypsum

Type of Rocks:

(i) Igneous Rocks (primary Rocks)

These are formed due to solidification of magma (volcanic eruption)

Ex: Granite, Basalt, Diorite, Andesite, Gabbro, Rhyolite.

(ii) Sedimentary Rocks (secondary Rocks)

When igneous Rocks are weathered by physical, chemical (or) Biological means then the particles are fragmented (or) hardened through the process of lithification.

Ex: Sandstone, clay stone (shale), limestone, conglomerate, Dolomite and chalk.

(iii) Metamorphic Rocks (Tertiary Rocks)

Igneous Rocks and Sedimentary Rocks may be subjected to intense heat and pressure inside the earth interior such condition cause change in mineral composition of rocks. Such Rocks are called Metamorphic Rocks.

→ This process increases the strength and hardness of the rock.



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Ex: Marble (derived from limestone)
Quartzite (derived from Sand stone)
Gneisses (derived from Granite)
Schist (derived from mica)
Slate (derived from claystone)

Type of Soils:

The fragmented Rock particles which may be resulted by physical, chemical, biological weathering is called sediment.

If Sediments remain over parent Rock such soil deposit is called Residual Soil.

→ If Sediments are transported and deposited at some other place then such soil is called transported soil.

→ Transporting agency may be water, wind, glacier (or) Gravity force.

1) Alluvial soil (Fluvial soil)

→ Large part of north India is concerned with alluvial deposits.

→ These deposits have alternating layers of sand, silt and clay.

→ These are found along River banks and in River plains.

→ These have poorly graded (uniformly graded) Sediments deposit.

→ These have high productivity and fertility but these have lower bearing capacity and more compressibility.

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DEPARTMENT OF MANAGEMENT STUDIES

Academic Year: 2021-22

Subject Name: Operations Research

YEAR/SEM: II/I

Faculty Name: T .Srinivas

Date: 15/12/2021

Screen Shot-1

UNIT-1

Study Table 1

Consider the shipment of steel from two warehouses W_1 and W_2 to two markets M_1 and M_2 . The cost of shipping from warehouse W_i to market M_j is given in the i th row and j th column of the table. For example, the cost of shipping from W_1 to M_2 is $c_{12} = 8$ \$/ton. The supplies (a_i) at the warehouses are listed at the right of the table; thus, the supply at W_1 is $a_1 = 15$ tons. The demands (b_j) at the markets are listed at the bottom of the table; thus, the demand at M_1 is $b_1 = 12$ tons. Note that the sum of the supplies equals the sum of the demands:

$$a_1 + a_2 = 20 = b_1 + b_2.$$

Transportation problems in which total supply equals total demand are called balanced.

Let x_{ij} be the amount in tons to be shipped from warehouse W_i to market M_j . The problem is to ship the steel in the least expensive (minimum cost) way and in so doing completely exhaust the supplies at the warehouses and exactly satisfy the demands at the markets.

First, set up the problem in linear programming form and solve it by employing the simplex algorithm. Then, solve by the least cost method.

Screen Shot-2

and solve it by employing the simplex algorithm. Then, solve by the least cost method.

	M_1	M_2		
W_1	5	8	15	supplies
W_2	4	10	5	(tons)
	12	8		
	demands (tons)			Table 1

Find an initial feasible solution using the Least Minimum Cost Method of Table 1.

Origin (Surplus Area)	Destination (Shortage Area)			Supply
	1	2	3	
1	\$ 50	100	100	110
2	200	300	200	160
3	100	200	300	150
Demand	140	200	80	420
				420

Assume there are 2 factories and 3 warehouses. Factory I makes 40 widgets. Factory II makes 50 widgets. Warehouse A stores 15 widgets. Warehouse B stores 45 widgets. Warehouse C stores 30 widgets. It costs \$80 to ship one



UNIT-2

Screen Shot-1

Find an initial feasible solution to the transportation problem.

*Negative costs might indicate some sort of bonus, or net profit, realized by the shipping from the corresponding origins to the corresponding destinations.

The following problem has $m = 3$ origins and $n = 4$ destinations. The supplies at the origins are 18, 5, and 7 units, respectively. The requirements at the destinations are 4, 18, 6, and 2 units, respectively. The problem is balanced because the total supply and total requirements are both 30 units. All this information and the unit shipment costs are represented in Table 1.

Table 1 completely represents the whole transportation problem. Use the northwest corner method to find a feasible solution: a set of shipments x_{ij} such that all supplies are used and all requirements are satisfied exactly.

	D ₁	D ₂	D ₃	D ₄	Supply
O ₁	21	36	43	20	18
O ₂	60	30	50	43	5
O ₃	18	10	48	72	7

Screen Shot-2

is planning for a heavy demand of rental trucks during the month of April. An inventory of its trucks combined with projections for demand indicate that three metropolitan areas will be short of the number of trucks required to satisfy expected demands. Three other metropolitan areas have surpluses of trucks above the number expected to be needed during this period.

In an effort to prepare for the period of heavy demand, company officials wish to relocate trucks from those metropolitan areas expected to have surpluses to those having shortages. Drivers can be hired to drive the trucks between cities, and the company would like to redistribute its trucks at a minimum cost. The costs (in dollars) of driving a truck between cities are provided in Table 1, as well as the surplus and shortage figures for each metropolitan area. The total surplus (supply) and total shortage (demand) are equal at 420 trucks. Find a solution using the Northwest Corner Method.

Origin (Surplus Area)	Destination (Shortage Area)			Supply (Surplus of truck)
	1	2	3	
1	\$ 50	100	100	110
2	200	300	200	160
3	100	200	300	150



Screen Shot-1

UNIT-3

Store	Requirements
1	4
2	4
3	6
4	2
5	4
6	2

Costs of shipping one unit of the commodity from warehouse i to store j are displayed in the following matrix:

Store		1	2	3	4	5	6
Warehouse	1	9	12	9	6	9	10
	2	7	3	7	7	5	5
	3	6	5	9	11	3	11
	4	6	8	11	2	2	10

Find feasible (not necessarily optimal) solutions, and the cost associated with each:

- by the Northwest Corner Method and
- by the Penalty Method.

- 3: The problem is that of moving empty freight cars from "excess" origins to "deficiency" destinations in such a manner that the total cost of the required movement is a minimum, subject, of course, to any restrictions which might be imposed by practical considerations.

Screen Shot-1

UNIT-4

Assume the following system of equations:

$$5x_1 + 4x_2 + 3x_3 = 8$$

$$2x_1 + 7x_2 + 5x_3 = 5$$

$$4x_1 + 4x_2 + 2x_3 = 4.$$

Solve for x_1, x_2, x_3 using elementary row operations,

Use row operations to solve for X, Y and Z in the following system of equations:

$$2X + 4Y + 2Z = 16$$

$$2X - Y - 2Z = -6$$

$$4X + Y - 2Z = 0$$

Use row operations to solve:

$$x_1 + 4x_2 + x_3 = 2$$

$$2x_1 + 3x_2 = -1$$

$$8x_1 + 2x_3 = 0.$$

Find a solution using row operations on the given (A, b),

$$\begin{bmatrix} 1 & -2 & 1 & 1 & 3 \\ [2] & 0 & -1 & -1 & 4 \\ 0 & 1 & 1 & -1 & 4 \\ 1 & 1 & 1 & -4 & 0 \end{bmatrix}$$

Consider the following three linear equations in three unknowns :

$$x_1 + 4x_2 + 3x_3 = 1$$

(1)
J. Sainthosanth
Head of Department

Master of Business Administration



CASE STUDY
DEPARTMENT OF MANAGEMENT STUDIES
Academic year 2021-2022

Report on Case study on “final accounts”

Timings: 2:20 pm to 3:10pm

Subject Name: **accounting for managers**

Year/Semester: I/I

Date: 23/02/2022

Case study: final accounts

From the following particulars, prepare the balance sheet of Madhu, for the year ended 31st March, 2018.

Particulars	₹	Particulars	₹
Capital	2,00,000	Sundry creditors	40,000
Drawings	40,000	Bills payable	20,000
Cash in hand	15,000	Goodwill	60,000
Loan from bank	40,000	Sundry debtors	80,000
Bank overdraft	20,000	Land and building	50,000
Investments	20,000	Vehicles	80,000
Bills receivable	10,000	Cash at bank	25,000

The following adjustments were made at the time of preparing final accounts:

- i. Outstanding liabilities: Salaries Rs. 10,000; Wages Rs. 20,000; Interest on Bank overdraft Rs. 3,000 and Interest on bank loan Rs. 6,000
- ii. Provide interest on capital @ 10% p.a.
- iii. Bad debts amounted to Rs. 10,000 and make a provision for bad debts @ 10% on sundry debtors.
- iv. Closing stock amounted to Rs. 1,20,000
- v. Depreciate vehicles @ 10% p.a.

Net profit for the year amounted to Rs. 96,000 after considering all the above adjustments.



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Solution:

In the books of Madhu
Balance Sheet as on 31st March, 2018

Particulars	₹	₹	Particulars	₹	₹
Capital	2,00,000		Goodwill		60,000
Add: Net profit	96,000		Land and Building		50,000
Add: Interest on capital	20,000		Vehicles	80,000	
	3,16,000		Less: Depreciation	8,000	72,000
Less: Drawings	40,000	2,76,000	Investments		20,000
Loan from bank	40,000		Stock-in-trade		1,20,000
Add: Interest outstanding	6,000	46,000	Sundry debtors	80,000	
Bills payable		20,000	Less: Bad debts	10,000	
Sundry creditors		40,000		70,000	
Bank overdraft	20,000		Less: Provision		
Add: Interest outstanding	3,000	23,000	for bad and		
Outstanding liabilities:			doubtful debts	7,000	63,000
Salaries	10,000		Bills receivable		10,000
Wages	20,000	30,000	Cash at bank		25,000
		4,35,000	Cash in hand		15,000
		4,35,000			4,35,000



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Report on Case study on "final accounts"

Timings: 2:20 pm to 3:10pm

Subject Name: **Accounting For Manager**

Year/Semester: I/I

Date: 23/02/2022

Attendance sheet

Sl. No	Regd No	Name of the Student	Attendance
1	21Q71E0001	Addepali Sirisha	A. Sirisha
2	21Q71E0002	Aggala Jeevan Krishna Sai	Absent.
3	21Q71E0003	Anisetty Bindu	A. Bindu
4	21Q71E0004	Avaduthala Mohan Venkatesh	A. Mohan Venkatesh
5	21Q71E0005	Avugoddi Vinod Kumar	A. Kumar
6	21Q71E0006	Bavaraju Tarun Kumar	Absent.
7	21Q71E0007	Beesetti Babitha Sree	B. Babitha Sree
8	21Q71E0008	Bammidi Santosh Kumar	B. Santosh
9	21Q71E0009	Boddakayala Varun	Absent.
10	21Q71E0010	Botta Chandu Sai	B. Chandu
11	21Q71E0011	Botta Lavanya Likitha	Likitha
12	21Q71E0012	Chikkala Yamini	C. Yamini
13	21Q71E0013	Chinni Hima Bindu	Absent.
14	21Q71E0014	Dakarapu Pavan Kalyan	D. Pavan Kalyan
15	21Q71E0015	Dantuluri Vijay Kumar Varma	D. Vijay
16	21Q71E0016	Bevara Veni	B. Veni
17	21Q71E0017	Gadhiraaju Sowmya	G. Sowmya
18	21Q71E0018	Gajjala Mallik Sai	G. Sai
19	21Q71E0019	Giduthuri Dedeepya	Absent.
20	21Q71E0020	Goruputi Venkata Vinay	Venkata Vinay
21	21Q71E0021	Gudivada Jyothi Aparna	Absent.
22	21Q71E0022	Gunna Sunil	Sunil
23	21Q71E0023	Jamparangi Ramesh Babu	Absent.
24	21Q71E0024	Kadagala Anu Radha	K. Anuradha
25	21Q71E0025	Kadimisetti Umamaheswara Rao	Absent.
26	21Q71E0026	Kalla Naga Navya	K. Naga Navya
27	21Q71E0027	Kambala Lavanya	
28	21Q71E0028	Kampara Pavan Kumar	P. Pavan
29	21Q71E0029	Kanuri Lokesh Sai	K. Lokesh Sai
30	21Q71E0030	Karri Vanitha	Absent.
31	21Q71E0031	Kilani Sravani	K. Sravani
32	21Q71E0032	Kolla Venkata Ayyappa Rahul Naidu	Absent.
33	21Q71E0033	Kolli Harish	K. Harish
34	21Q71E0034	Kommuju Sirja	K. Sirja
35	21Q71E0035	Kothakota Raghunadh Rao	Raghunadh Rao
36	21Q71E0036	Koti Jeevan Chand	



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37	21Q71E0037	Karubhukta Triveni	K. Tejiveri
38	21Q71E0038	Koyya Hima Bindu	K. Hima bindu
39	21Q71E0039	Kuparala Siva	K. Siva
40	21Q71E0040	Maddi Balakrishna	M. Balakrishna
41	21Q71E0041	Majji Padmaja	Absent.
42	21Q71E0042	Kollavenkata Divya Sri	K. Divya Sri
43	21Q71E0043	Narda Viswanadha Reddy	N.V.Reddy
44	21Q71E0044	Neelapu Rama Suresh	N. Rama Suresh
45	21Q71E0045	Nouduleela Manohar	Manohar
46	21Q71E0046	Pallampati Srikanth	P. Srikanth
47	21Q71E0047	Pandi Rambabu	P. Rambabu
78	21Q71E0048	Pasi Deepika	P. Deepika
49	21Q71E0049	Pathivada Ranjitha	P. Ranjitha
50	21Q71E0050	Peddi Gowri Sankar	Sankar
51	21Q71E0051	Peerubandi Kiran Kumar	Absent.
52	21Q71E0052	Penumatsa Devisree	P. Devisree
53	21Q71E0053	Pesala Mounika	Mounika
54	21Q71E0054	Paila Latha	P. Latha.
55	21Q71E0055	Pilla Dilip	P. Dilip
56	21Q71E0056	Pasumarthi Keerthi	P. Keerthi
57	21Q71E0057	Ponduru Vikas	P. Vikas
58	21Q71E0058	Pyla Divakar	P. Divakar
59	21Q71E0059	Rajana Divya	Absent.
60	21Q71E0060	Reddy Mounica Sai	R. Mounica Sai
61	21Q71E0061	Sabbarapu Sukanya	S. Sukanya
62	21Q71E0062	Sahu Baby Priyanka	S. Baby Priyanka
63	21Q71E0063	Sanapala Srivalli	S. Srivalli
64	21Q71E0064	Sayed Parveen Sultana	S. Parveen Sultana
65	21Q71E0065	Singampalli Sasikala	S. Sasikala
66	21Q71E0066	Simhambatla Srirama Sarma	S. Sarma
67	21Q71E0067	Tariniganti Santosh Kumar	Absent.
68	21Q71E0068	Thamatapu Anitha	T. Anitha
69	21Q71E0069	Ulabala Deepika	Absent.
70	21Q71E0070	Yerra Sujana	Y. Sujana
71	21Q71E0071	Bodala Pavan Kalyan	Kalyan
72	21Q71E0072	Singampalli Narendra	S. Narendra
73	21Q71E0073	Chitra Sireesha	Ch. Sireesha
74	21Q71E0074	Vikram Tejaswi	Absent.
75	21Q71E0075	Pavani Maharana	M. Pavani
76	21Q71E0076	Ganta Bhargavi	G. Bhargavi



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77	21Q71E0077	Kola Jyothsna	K-Jyothsna.
78	21Q71E0078	Potharaju Dhanasri	P. Dhanasri ²
79	21Q71E0079	P Sai Duga	P- Sai Duga
80	21Q71E0080	P. Divya Rani	Duga
81	21Q71E0081	Radha Polavarpu	Radha Polavarpu
82	21Q71E0082	Gundu Teja Sri	Cr. Teja Sol

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Report on Case study on “Marketing Strategies”

Timings: 2:20 Pm To 3:10pm

Year/Semester: I/II

Subject Name: **Marketing Management**

Date:06/06/2022

Case study: Marketing Strategies

Zomato is a popular Food Service Aggregators in India (FSAs) known for its online delivery and user-friendly interface. Recently, in an attempt to improve business, Zomato introduced some heavy discounts for its client base. The new Zomato Gold was part of this campaign.

Customers who subscribed to Zomato Gold could access free meals, drinks, and discounts in certain restaurants. The company partnered with numerous eateries to execute this plan. However, 15th August 2019, hundreds of restaurants decided to log out of this marketing campaign. This was because the heavy discounts led to a loss of revenue and profits.

Zomato co-founder, Deepinder Goyal tried to appease the partners by launching a new model. This response was soon rejected as the core issue of discounts remained unresolved. The led to an impasse between the two parties, leaving Zomato vulnerable to takeovers.

This was just a gist of the case study on Zomato’s deep discounting strategy. Read through the details of the report, analyze the stats, and establish your take on the situation.

Solution:

Zomato Target Audience :

People with smart phones and experience using apps between 18 and 35 makeup Zomato's target market. It aims to attract two customers: those who prefer to eat out and those who want to order food delivered to their homes. These groups frequently overlap. Its Zomato Gold program provides incentives for people to eat out and provides food delivery for those who need it.



Digital Marketing Strategy of Zomato

On Twitter, Facebook, and Instagram, Zomato is active. It has 726k Instagram followers, 1,899,405 Twitter followers, and 1.42 million followers as of July 2019. Zomato interacts with its audience by posting on popular subjects. The brand is aware of the nature of its audience. As a result, it promotes material that encourages people to share, discuss, and revisit it. To engage visitors online, it uses popular topics and publishes straightforward pictures.

Influencer Marketing Strategy by Zomato :Zomato has advanced the concept of "hyper-local marketing" by promoting its material in regional tongues in addition to contacting micro-influencers. This increases Zomato's credibility by enabling them to connect with more people.

Zomato has placed a lot of attention on influencer marketing in its advertising strategy because it recognizes its potential. Whether a macro or micro-influencer, Zomato isn't afraid to go above and beyond and leverages its notoriety to grow its user base.

We are all aware of Zomato's funny takes on various scenarios via its tweets. Zomato provides content that will make its consumers smile, regardless of the issue they are now dealing with or the one they encounter daily. Additionally, its humor spreads like wildfire and has a powerful knock-on impact.

Zomato's Collaboration Strategy

Zomato is actively working with the government to ensure that its services can continue to run smoothly during the crisis, in addition to providing support to the thousands of people who are a part of their delivery network by creating a fund for them to cover any income they would have lost due to the crisis. Additionally, they made sure that their delivery partners had masks.



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Report on Case study on "Marketing Strategies"

Timings: 2:20 pm to 3:10pm

Year/Semester: I/II

Subject Name: **Marketing Management**

Date: 06/06/2022

Attendance Sheet

Sl No	Regd No	Name of the Student	Attendance
1	21Q71E0001	Addepali Sirisha	A. Sirisha
2	21Q71E0002	Aggala Jeevan Krishna Sai	Absent.
3	21Q71E0003	Anisetty Bindu	A. Bindu
4	21Q71E0004	Avaduthala Mohan Venkatesh	A. Mohan Venkatesh
5	21Q71E0005	Avugoddi Vinod Kumar	V. Keemal
6	21Q71E0006	Bavaraju Tarun Kumar	(B)
7	21Q71E0007	Beesetti Babitha Sree	B. Babithasree
8	21Q71E0008	Bammidi Santosh Kumar	B. Santosh
9	21Q71E0009	Boddakayala Varun	Absent.
10	21Q71E0010	Botta Chandu Sai	B. Chandu Sai
11	21Q71E0011	Botta Lavanya Likitha	Likitha
12	21Q71E0012	Chikkala Yamini	Chamini
13	21Q71E0013	Chinni Hima Bindu	Chinni Himabindu
14	21Q71E0014	Dakarapu Pavan Kalyan	D. pavan kalyan
15	21Q71E0015	Dantuluri Vijay Kumar Varma	D. Vijay
16	21Q71E0016	Bevara Veni	B. Veni
17	21Q71E0017	Gadhiraju Sowmya	G. Sowmya
18	21Q71E0018	Gajjala Mallik Sai	G. Sai
19	21Q71E0019	Giduthuri Dedeepya	Absent.
20	21Q71E0020	Goruputi Venkata Vinay	G. V. Vinay
21	21Q71E0021	Gudivada Jyothi Aparna	G. Jyothi
22	21Q71E0022	Gunna Sunil	Sunil
23	21Q71E0023	Jamparangi Ramesh Babu	J. Ramesh Babu
24	21Q71E0024	Kadagala Anu Radha	K. Anuradha
25	21Q71E0025	Kadimisetti Umamaheswara Rao	K. Umamaheswara Rao
26	21Q71E0026	Kalla Naga Navya	K. Naga Navya
27	21Q71E0027	Kambala Lavanya	Lavanya



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29	21Q71E0029	Kanuri Lokesh Sai	K. Lokesh Sai
30	21Q71E0030	Karri Vanitha	Absent
31	21Q71E0031	Kilani Sravani	K. Sravani
32	21Q71E0032	Kolla Venkata Ayyappa Rahul Naidu	K.V. Ayyappa
33	21Q71E0033	Kolli Harish	Harish
34	21Q71E0034	Kommuju Sirja	K. Sirja
35	21Q71E0035	Kothakota Raghunadh Rao	K. Raghunadh
36	21Q71E0036	Koti Jeevan Chand	Absent
37	21Q71E0037	Karubhukta Triveni	K. Triveni
38	21Q71E0038	Koyya Hima Bindu	K. Hima Bindu
39	21Q71E0039	Kuparala Siva	K. Siva
40	21Q71E0040	Maddi Balakrishna	M. Balakrishna
41	21Q71E0041	Majji Padmaja	M. Padmaja
42	21Q71E0042	Kollavenkata Divya Sri	K. Divya Sri
43	21Q71E0043	Narda Viswanadha Reddy	M. V. Reddy
44	21Q71E0044	Neelapu Rama Suresh	N. Rama Suresh
45	21Q71E0045	Nouduleela Manohar	N. Manohar
46	21Q71E0046	Pallampati Srikanth	Absent
47	21Q71E0047	Pandi Rambabu	P. Rambabu
78	21Q71E0048	Pasi Deepika	P. Deepika
49	21Q71E0049	Pathivada Ranjitha	P. Ranjitha
50	21Q71E0050	Peddi Gowri Sankar	P. Sankar
51	21Q71E0051	Peerubandi Kiran Kumar	Absent
52	21Q71E0052	Penumatsa Devisree	P. Devisree
53	21Q71E0053	Pesala Mounika	Mounika
54	21Q71E0054	Paila Latha	P. Latha
55	21Q71E0055	Pilla Dilip	P. Dilip
56	21Q71E0056	Pasumarthi Keerthi	P. Keerthi
57	21Q71E0057	Ponduru Vikas	Absent
58	21Q71E0058	Pyla Divakar	P. Divakar
59	21Q71E0059	Rajana Divya	R. Divya
60	21Q71E0060	Reddy Mounica Sai	Absent



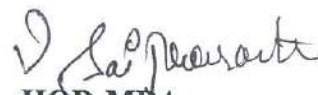
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64	21Q71E0064	Sayed Parveen Sultana	Parveen Sultana
65	21Q71E0066	Simhambatla Srirama Sarma	S. Sarma
66	21Q71E0067	Tariniganti Santosh Kumar	T. Santosh
67	21Q71E0068	Thamatapu Anitha	Absent.
68	21Q71E0069	Ulabala Deepika	Absent.
69	21Q71E0070	Yerra Sujana	Y. Sujana
70	21Q71E0071	Bodala Pavan Kalyan	Y. Sujana
71	21Q71E0073	Chitra Sireesha	Ch. Sireesha
72	21Q71E0075	Pavani Maharana	Absent.
73	21Q71E0076	Ganta Bhargavi	G. Bha
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Report on Case study on “linear programming”

Timings: 2:20 pm to 3:10pm

Year/Semester: II/I

Subject Name: **operations research**

Date: 04-02-2022

Case study: Linear Programming

A company produces two types of TVs, one of which is black and white, the other colour. The company has the resources to make at most 200 sets a week. Creating a black and white set includes Rs 2700 and Rs 3600 to create a colored set. The business should spend no more than Rs 648000 a week producing TV sets. If it benefits from Rs 525 per set of black and white and Rs 675 per set of colours, How many sets of black/white and colored sets it should produce in order to get maximum profit? Formulate this using LPP.

Solution:

Let x and y be the number of black/white and colored tvs respectively

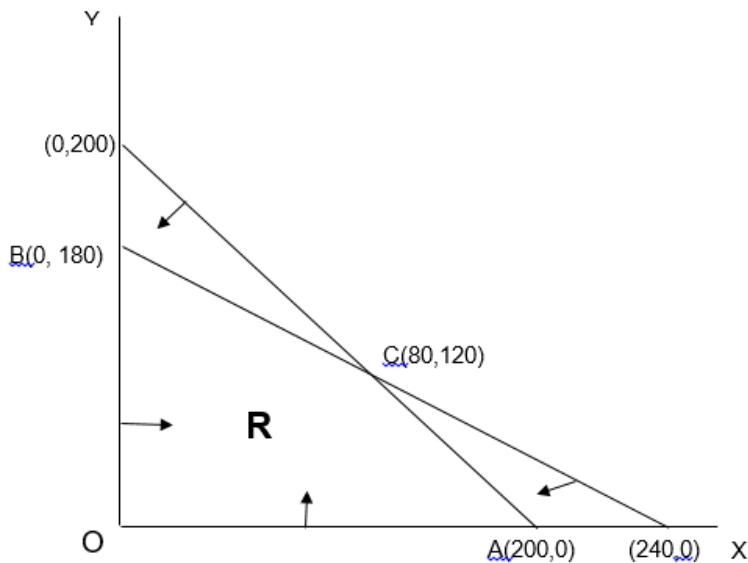
Subject to constraints:

$x, y \geq 0$ (Non-negative constraint)

$x + y \leq 200$ (Quantity constraints)

$2700x + 3600y \leq 648000$ (Cost constraints)

Objective function: $Z = 525x + 675y$ (objective is to maximize profit)



Corner Point	Objective Function(Z)
O(0,0)	$525(0) + 675(0) = 0$
A(200,0)	$525(200) + 675(0) = 105000$
C(80,120)	$525(80) + 675(120) = 123000$
B(0,180)	$525(0) + 675(180) = 121500$

Thus maximum value of Z occurs at C(80,120) i.e. 123000. So the company should manufacture 80 black/white and 120 colored TV sets to get maximum profit.



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Report on Case study on "linear programming"

Timings: 2:20 pm to 3:10pm

Year/Semester: II/I

Subject Name: **Operations Research**

Date: : 04-02-2022

Attendance Sheet

S No	Regd No	Name of the Student	Attendance
1	20Q71E0001	Aratikatla Sowjanya	Aratikatla Sowjanya
2	20Q71E0002	Abdul Feroz Khan	Abdul Feroz Khan
3	20Q71E0003	Achanti Siva Sankar	Siva Sankar
4	20Q71E0004	Addagarla Ksheerabohi	Ksheerabohi
5	20Q71E0005	Addala Santosh Kumar	Santosh Kumar
6	20Q71E0006	Akkandra Suresh	Suresh
7	20Q71E0007	Alubilli Kailash	Absent.
8	20Q71E0008	Bellana Lavanya	B. Lavanya
9	20Q71E0009	Baddi Lokesh	Lokesh
10	20Q71E0010	Baki Lakshmi	Absent.
11	20Q71E0011	Banala Sai Kiran	B. Sai Kiran
12	20Q71E0012	Bandaru Anusha	Anusha
13	20Q71E0013	Bandi Amruth Gupta	B. Amruth Gupta
14	20Q71E0014	Bellana Dadibabu	Absent.
15	20Q71E0015	Billakurthi Purnitha Lakshmi Naga Rishita	L. Rishita
16	20Q71E0016	Boddakayala Vardhan	Absent.
17	20Q71E0017	Bogila Sai Sravanthi	S. Sravanthi
18	20Q71E0018	Bokkalapalli Anirudh Reddy	Absent.
19	20Q71E0019	Bora Hari Krishna	B. Hari Krishna
20	20Q71E0020	Bora Sai Lakshmi	B. Sai Lakshmi
21	20Q71E0021	Buddala Reshma	Absent
22	20Q71E0022	Busa Sai Ram	B. Sai Ram
23	20Q71E0023	Chakkapalli Venkata Prasad	C. Venkata Prasad
24	20Q71E0024	Darru Krishna Kumari	Absent.
25	20Q71E0025	Doddi Yamini	D. Yamini



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27	20Q71E0027	G Anil Kumar	G. Anil Kumar
28	20Q71E0028	Gedela Ganesh	G. Ganesh
29	20Q71E0029	Ginni Lavanya	G. Lavanya
30	20Q71E0030	Gorle Bhaskar Rao	G. Bhaskar Rao
31	20Q71E0031	Gunupuru Madhu	G. Madhu
32	20Q71E0032	Idula Mrudani	I. Mrudani
33	20Q71E0033	Jagupilli Laxmi Narayana	J. Laxmi Narayana
34	20Q71E0034	Jakkala Divya Madhuri	J. Divya Madhuri
35	20Q71E0035	Jami Mahalakshmi	J. Mahalakshmi
36	20Q71E0036	K Sai Durga Prasanna Kumar	K. S. D. P. Kumar
37	20Q71E0037	K Sai Krishna	K. Sai Krishna
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40	20Q71E0040	Konari Balakrishna	K. Balakrishna
41	20Q71E0041	Korada Suneetha	Suneetha
42	20Q71E0042	Korupolu Poorna Saiteja	Poorna
43	20Q71E0043	Kumili Mohansai Gayatri Kumar	K. M. Gayatri
44	20Q71E0044	Kuppala Nirmala Satya Jyothi Neelima	K. Nirmala
45	20Q71E0045	Kurcacha Venkata Prasad	K. Venkata Prasad
46	20Q71E0046	Lakkoji Naveen Kumar	L. Naveen Kumar
47	20Q71E0047	Lakkoji Surya Kiran	Surya Kiran
78	20Q71E0048	M V S N A .Bhagawan	M. V. S. N. A. Bhagawan
49	20Q71E0049	Madhiboina Sai Kumari	M. S. Kumari
50	20Q71E0050	Majji Sai Kishore	M. Kishore
51	20Q71E0051	Mandi Bhaskara Rao	M. Bhaskara Rao
52	20Q71E0052	Meesala Manikanta Gowri Raghu Sai	M. G. Raghu Sai
53	20Q71E0053	Metta Sudha	M. Sudha
54	20Q71E0054	Sumathi Misro	S. Misro
55	20Q71E0055	Mongam Aparna	M. Aparna



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57	20Q71E0057	Nerati Nagateja Reddy	N. N. Reddy
58	20Q71E0058	Ommi Kusumanjali	O. Kusumanjali
59	20Q71E0059	P Harshita	P. Harshita
60	20Q71E0060	P Prudhvi	P. Prudhvi
61	20Q71E0061	Palikila Venkat Kiran Sai Reddy	Absent.
62	20Q71E0062	Panapana Sireesha	P. Sireesh
63	20Q71E0063	Pedapati Sai Teja	P. Sai Teja
64	20Q71E0064	Penki Rama Lakshmi	P. Ramalakshmi
65	20Q71E0065	Pinnamareddy Venkata Ramesh	Absent.
66	20Q71E0066	Potnuru Ravitheja	P. Ravitheja
67	20Q71E0067	Puruganti Aditya Gangadhar	P. Aditya
68	20Q71E0068	Rajana Bhaskara Rao	R. Bhaskara Rao
69	20Q71E0069	Rayavarapu Maruthi Vara Prasad	R. Vara Prasad
70	20Q71E0070	Reddy Sai Lakshmi	R. Sai Lakshmi
71	20Q71E0071	Reesu Poojitha	R. Poojitha
72	20Q71E0072	Rongali Jyothi	R. Jyothi
73	20Q71E0073	Sunkara Ganesh	S. Ganesh
74	20Q71E0074	Sadena Sandhya Rani	S. Sandhya
75	20Q71E0075	Samalapuram Sruthi	S. Sruthi
76	20Q71E0076	Sampathi Rao Revathi	S. Revathi
77	20Q71E0077	Sathapathi Sravya Lakshmi	Absent.
78	20Q71E0078	Seela Venkatalakshmi	S. Venkatalakshmi
79	20Q71E0079	Shaik Gouse Jani	S. Gouse Jani
80	20Q71E0080	Somavarapu Yashwanth Sai	S. Yashwanth
81	20Q71E0081	Sripathi Gowthami	S. Gowthami
82	20Q71E0082	Thalakari Suresh Bhargan	Absent.
83	20Q71E0083	Thotapalli Jyothisna	T. Jyothisna
84	20Q71E0084	Unni Krishnan Manu	Absent.



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87	20Q71E0087	Yandari Satish	Y. Satish
88	20Q71E0088	Kilari Mounika	K. Mounika
89	20Q71E0089	Dabburi Amrutha	D. Amrutha
90	20Q71E0090	Menti Adithya	M. Adithya
91	20Q71E0091	Burada Pavan Kumar	B. Pavan Kumar
92	20Q71E0092	Nadiminti Eswara Rao	N. Eswara Rao
93	20Q71E0093	Jaldula Venkata Vasanthi Lakshmi	J. V. Vasanthi
94	20Q71E0094	Nagabhushan Reddy	N. Reddy


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Report on Case study on “SWOT Analysis On Entrepreneurship”

Timings: 2:20 pm to 3:10 pm

Year/Semester:II/II

Subject Name: **Innovation And Entrepreneurship**

Date: 23/03/2022

Case study: SWOT Analysis

Starbucks

Howard Schultz, the self-effacing chairman, CEO and mastermind behind Starbucks' astonishing growth. By bringing Italy's A multinational chain of coffeehouses that is also a multi-billion dollar enterprise, Starbucks is a textbook corporate success story. The organization took the humble cup of coffee and transformed it into an addictive experience. However, can they make as much of an impact with most of their customers shopping online.

Q .1 Explain the SWOT analysis for Starbucks:

Solution

Strengths

- Loyal customers who are devoted to buying Starbucks products
- A wide selection of premium beverages and edibles
- Cool, urban vibe that appeals to most coffee drinkers
- Huge presence and a strong reputation around the world
- Continues to be a profitable venture

Weaknesses

- There are a lot of newer, cheaper options available on the local level in several countries
- The company is subjected to different government regulations and tax laws that exist in other nations
- It can be a challenge to procure coffee beans at competitive prices, especially from other countries
- The menu needs to change periodically to ensure customers don't tire of the brand



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Opportunities

- The Asian markets are an untapped segment and prime for expansion
- Moving to online delivery apps can help reach a wider net of customers
- Direct marketing methods such as social media tie-ups and emailers can keep the customer aware of new products and discounts
- Use data analytics to observe the more popular, trending products and capitalize on them

Threats

- Other multinational fast-food chains such as McDonald’s offer cheaper coffee
- The younger generation prefers healthier or vegan options for hot beverages
- Too many sugary drinks or salty foods can be considered a ‘health hazard’
- The lack of a strong digital presence can cause the brand to lose some of its value



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Report on Case study on "SWOT analysis of an entrepreneur"

Timings: 2:20 pm to 3:10pm

Year/Semester: II/II

Subject Name: **Innovation And Entrepreneurship**

Date: 23/03/2022

Attendance Sheet:

S No	Regd No	Name of the Student	Attendance
1	20Q71E0001	Aratikatla Sowjanya	Absent
2	20Q71E0002	Abdul Feroz Khan	A. feroz Khan
3	20Q71E0003	Achanti Siva Sankar	Siva Sankar
4	20Q71E0004	Addagarla Ksheerabohi	Ksheerabohi
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14	20Q71E0014	Bellana Dadibabu	Absent
15	20Q71E0015	Billakurthi Purnitha Lakshmi Naga Rishita	L. Rishita
16	20Q71E0016	Boddakayala Vardhan	B. vardhan
17	20Q71E0017	Bogila Sai Sravanthi	S. sravanthi
18	20Q71E0018	Bokkalapalli Anirudh Reddy	Absent
19	20Q71E0019	Bora Hari Krishna	B. Hari Krishna
20	20Q71E0020	Bora Sai Lakshmi	B. Sai Lakshmi
21	20Q71E0021	Buddala Reshma	B. Reshma
22	20Q71E0022	Busa Sai Ram	B. sairam
23	20Q71E0023	Chakkapalli Venkata Prasad	Chakkapalli Prasad
24	20Q71E0024	Darru Krishna Kumari	Absent
25	20Q71E0025	Doddi Yamini	D. Yamini



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26	20Q71E0026	Dumpa Akhil	D. Akhil
27	20Q71E0027	G Anil Kumar	G. Anil Kumar
28	20Q71E0028	Gedela Ganesh	G. Ganesh
29	20Q71E0029	Ginni Lavanya	G. Lavanya
30	20Q71E0030	Gorle Bhaskar Rao	G. Bhaskar
31	20Q71E0031	Gunupuru Madhu	G. Madhu
32	20Q71E0032	Idula Mrudani	I. Mrudani
33	20Q71E0033	Jagupilli Laxmi Narayana	J. Laxmi Narayana
34	20Q71E0034	Jakkala Divya Madhuri	Absent.
35	20Q71E0035	Jami Mahalakshmi	J. M. Jami
36	20Q71E0036	K Sai Durga Prasanna Kumar	K. S. D. P. Kumar
37	20Q71E0037	K Sai Krishna	K. Sai Krishna
38	20Q71E0038	Karri Kalyani	K. Kalyani
39	20Q71E0039	Kolusu Rama Krishna	K. Rama Krishna
40	20Q71E0040	Konari Balakrishna	Absent.
41	20Q71E0041	Korada Suneetha	Suneetha
42	20Q71E0042	Korupolu Poorna Saiteja	Poorna
43	20Q71E0043	Kumili Mohansai Gayatri Kumar	K. M. Gayatri Kumar
44	20Q71E0044	Kuppala Nirmala Satya Jyothi Neelima	K. Nirmala
45	20Q71E0045	Kurcacha Venkata Prasad	Absent.
46	20Q71E0046	Lakkoji Naveen Kumar	Naveen Kumar
47	20Q71E0047	Lakkoji Surya Kiran	Absent.
78	20Q71E0048	M V S N A .Bhagawan	M V S N A .Bhagawan
49	20Q71E0049	Madhiboina Sai Kumari	M. Sai Kumari
50	20Q71E0050	Majji Sai Kishore	M. Kishore
51	20Q71E0051	Mandi Bhaskara Rao	M. Bhaskara
52	20Q71E0052	Meesala Manikanta Gowri Raghu Sai	Absent.
53	20Q71E0053	Metta Sudha	M. Sudha
54	20Q71E0054	Sumathi Misro	Absent.
55	20Q71E0055	Mongam Aparna	M. Aparna



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56	20Q71E0056	N.Amruta Varshini	N. Amruta varshini
57	20Q71E0057	Nerati Nagateja Reddy	N.N. Reddy
58	20Q71E0058	Ommi Kusumanjali	O. Kusumanjali
59	20Q71E0059	P Harshita	P Harshita
60	20Q71E0060	P Prudhvi	Absent -
61	20Q71E0061	Palikila Venkat Kiran Sai Reddy	P.V. Kiran Sai Reddy
62	20Q71E0062	Panapana Sireesha	P. Sireesha
63	20Q71E0063	Pedapati Sai Teja	P. Sai Teja
64	20Q71E0064	Penki Rama Lakshmi	P. Rama Lakshmi
65	20Q71E0065	Pinnamareddy Venkata Ramesh	Absent -
66	20Q71E0066	Potnuru Ravitheja	P. Ravitheja
67	20Q71E0067	Puruganti Aditya Gangadhar	P.A. Gangadhar
68	20Q71E0068	Rajana Bhaskara Rao	Absent -
69	20Q71E0069	Rayavarapu Maruthi Vara Prasad	R. M. vara Prasad
70	20Q71E0070	Reddy Sai Lakshmi	R. Sai Lakshmi
71	20Q71E0071	Reesu Poojitha	R. Poojitha
72	20Q71E0072	Rongali Jyothi	R. Jyothi
73	20Q71E0073	Sunkara Ganesh	Absent -
74	20Q71E0074	Sadena Sandhya Rani	S. Sandhya Rani
75	20Q71E0075	Samalapuram Sruthi	S. Sruthi
76	20Q71E0076	Sampathi Rao Revathi	Absent -
77	20Q71E0077	Sathapathi Sravya Lakshmi	S.S. Sravya
78	20Q71E0078	Seela Venkatalakshmi	S. Venkatalakshmi
79	20Q71E0079	Shaik Gouse Jani	Absent -
80	20Q71E0080	Somavarapu Yashwanth Sai	S. Yashwanth Sai
81	20Q71E0081	Sripathi Gowthami	S. Gowthami
82	20Q71E0082	Thalakari Suresh Bhargan	T. Suresh Bhargan
83	20Q71E0083	Thotapalli Jyothsna	T. Jyothsna
84	20Q71E0084	Unni Krishnan Manu	U. Krishnan Manu



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85	20Q71E0085	Vaddi Venkatesh	V. Venkatesh
86	20Q71E0086	Vadlamudi Sai Krishna	V. Sai Krishna
87	20Q71E0087	Yandari Satish	Y. Satish
88	20Q71E0088	Kilari Mounika	Absent
89	20Q71E0089	Dabburi Amrutha	D. Amrutha
90	20Q71E0090	Menti Adithya	M. Adithya
91	20Q71E0091	Burada Pavan Kumar	Absent
92	20Q71E0092	Nadiminti Eswara Rao	N. Eswara Rao
93	20Q71E0093	Jaldula Venkata Vasanthi Lakshmi	J. V. Vasanthi Lakshmi
94	20Q71E0094	Nagabhushan Reddy	N. Reddy

J. Sainath
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Head of the Department

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