2.3.1 STUDENT CENTRIC METHODS, SUCH AS EXPERIENTIAL LEARNING, PARTICIPATIVE LEARNING AND PROBLEM SOLVING METHODOLOGIES ARE USED FOR ENHANCING LEARNING EXPERIENCES.

	DESCRIPTION
1	Description about centric methods
2	Laboratory Session
3	Mini Projects
4	Project work
5	Industrial Visit
6	Problem Solving Methodologies
7	Participative Learning

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1. Description about centric methods

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RESPONSE

College provides several experimental and virtual learning methods in individual laboratories to analyze the theoretical concepts of subjects through software programs in each department such as CAD, ANSYS, Solid works, Python program, PLC and Embedded program, etc., and also provides participative learning activities to impart the scope and objective of education to the engineering students. Also, Multimedia teaching aids like videos, online materials and PPT's are incorporated in the day-to-day teaching learning process that enhances the students' better understanding of the subject.

EXPERIENTIAL LEARNING

All class rooms have been established as smart classrooms to screen technological videos, PPT'S and online teaching to the students related to the relevant subjects in every semester. Various Guest lectures by experts from industries and academia are frequently organized by the respective departments to provide in depth knowledge of contents in the syllabus, to correlate the curriculum with the industry needs and also to provide knowledge beyond the prescribed syllabus which is towards the expectation of industries for better placement.

PARTICIPATIVE LEARNING

The scope of learning widens giving students an education that is greater than the syllabus. Students are encouraged to organize and to participate in Inter-collegiate events such as symposium, project expo, national conference and international conference to bring out their talents. Students are organizing National level Departmental Symposium (an independent event) for the past six years and they continue to do the same. Industrial visits, In-plant Training and Internship Training in organizations are arranged to give hands-on experience to the students. In addition to academics, to be a socially responsible citizen, our college encourages the students to participate in NSS, Blood Donation camp, YRC, Entrepreneur Cell, Women Empowerment Club & all technical club activities with equal enthusiasm to develop their overall personality.

PROBLEM SOLVING METHODOLOGIES

Tutorial classes form a part of the course delivery to inculcate problem solving skills among the students to supplement regular teaching learning process. The problem solving ability is further emphasized by incorporating questions on case studies (Part C) in the internal assessment tests. In addition to general aptitude and logical reasoning classes, second and third year students are offered value added programs which improve their problem solving skills

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2. Laboratory Session

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DEPARTMENT OF CIVIL ENGINEERING
LABORATORY SESSIONS

GEO TECHNICAL ENGINEERING LAB

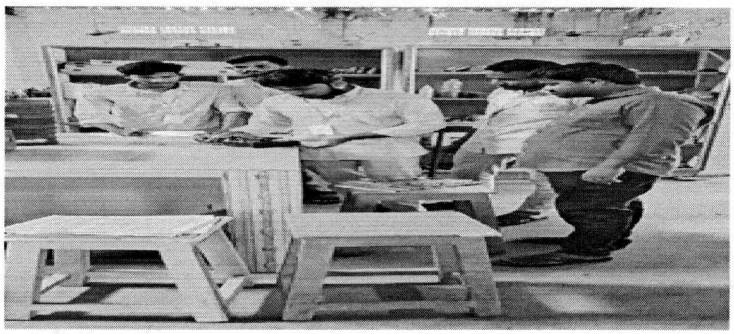

FIG: STUDENTS DOING EXPERIMENTS IN GEO TECHNICAL ENGINEERING LAB

Student Testing Soil Nutrient Content Using Standard Soil Sampling Equipment and content is filtered and analysed for chemical elements' presence and concentration

STRENGTH OF MATERIALS LAB

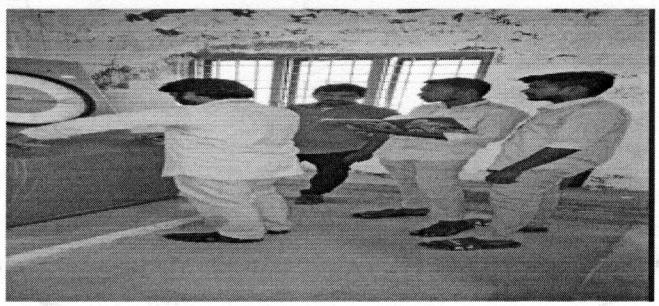

FIG: STUDENTS DOING EXPERIMENTS IN SOM LAB

Students demonstrate the basic principles in the area of strength and mechanics of materials and structural analysis through a series of experiments

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DEPARTMENT OF MECHANICAL ENGINEERING
LABORATORY SESSIONS
FLUID MECHANICS LAB

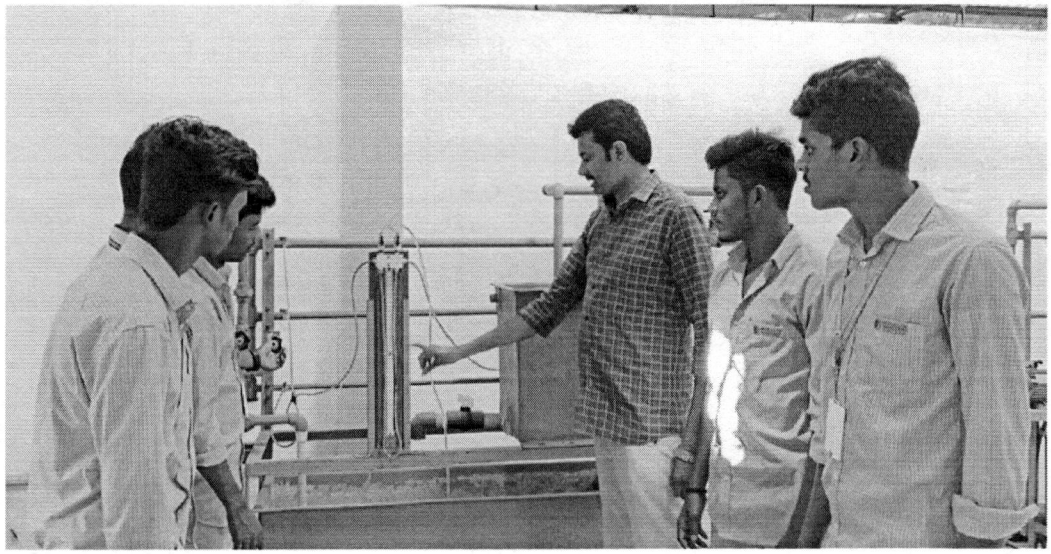

FIG: STUDENTS DOING EXPERIMENTS IN FLUID MECHANICS LAB

- In this lab students get exposed to learning how to measure mass flow rate or volume flow rate velocity and pressure using pivot tubes and manometers
- Explains how to visualise for over streamlined and bluff bodies.
- The laboratory also houses facilities for carrying out the study of flow over various objects in sub sonic wind tunnel, open channel and boundary layer analysis.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
LABORATORY SESSIONS
ELECTRIC CIRCUITS LAB

FIG: STUDENTS DOING EXPERIMENTS IN ELECTRICAL CIRCUIT LAB

- In the Electrical Circuit Lab students can create their own electrical circuits and do measurements on it. In the circuits the students can use resistors, light bulbs, switches, capacitors and coils.
- The circuits can be powered by an AC/DC power supply or batteries. There is an ammeter, voltmeter, wattmeter and an ohmmeter. There is also a version of the Electrical Circuit Lab in which data can be collected. Students can analyze the collected data by creating graphs of the data and use the graphs in the conclusion tool.

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

LABORATORY SESSIONS

OPERATING SYSTEM LAB

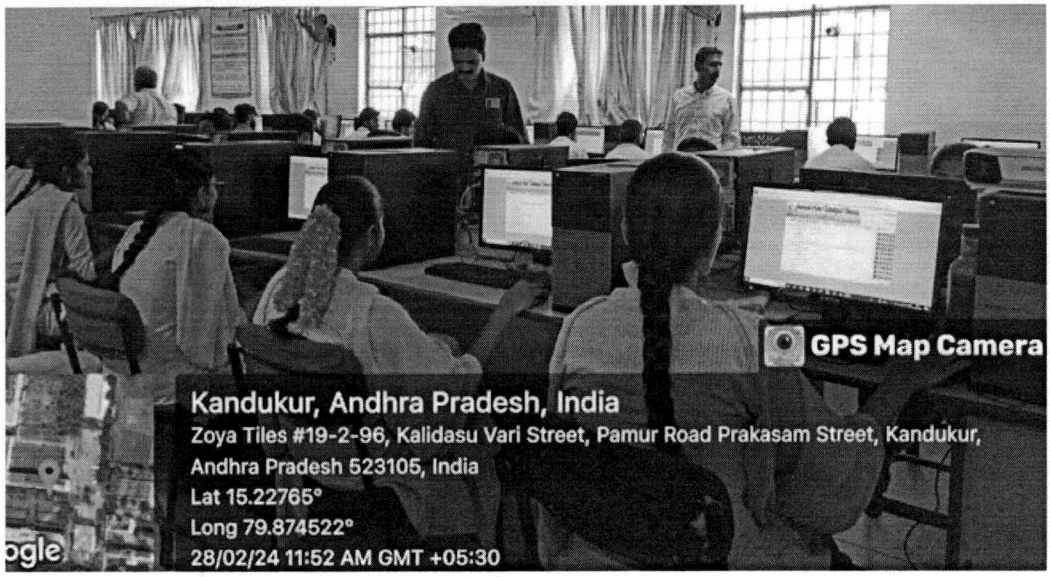

FIG: STUDENTS UTILIZING OPERATING SYSTEM LAB

The objective of Operating Systems Lab (OPERATS) is to introduce the concepts of operating systems, designing principles of operating systems and implementation of operating systems where student do learn practically in lab.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

LABORATORY SESSIONS

MICROPROCESSOR LAB

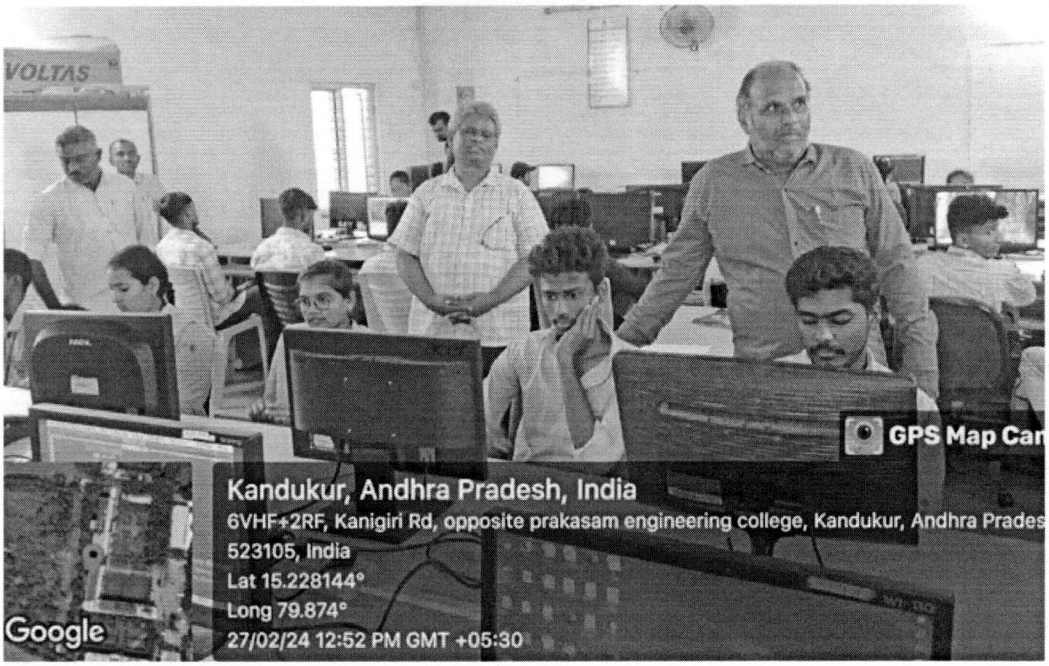

FIG: STUDENTS DOING EXPERIMENTS USING 8086 MICROPROCESSOR KIT

- Microprocessor laboratory is equipped with 8086 Microprocessor kits. Interfacing devices, Macro Assembler and Dell PC's.
- The students gain programming skills in 8085 Assembly Language and Interfacing with various devices such as Stepper Motor, Analog-to-Digital converter, Seven Segment display.
- Microprocessor application are arithmetic and logic operations, which generally include adding, subtracting, transferring numbers from one area to another, and comparing two numbers.

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3. Mini Projects

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
MINI PROJECT EXPO

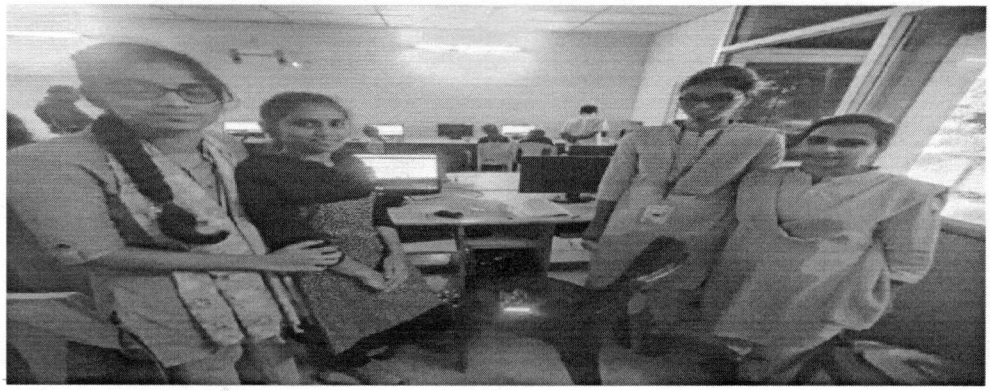

FIG: STUDENTS PRESENTING MINI PROJECTS

The basic idea of this project is to create an advanced electronic voting machine that will help to eradicate defrauding of the manual voting system and prior versions of electronic voting by using Raspberry Pi. Here propose a system that includes multiple layers of verification to ensure the reliability of the device with include the finger print sensor and iris recognition verification. Each voter is entered into the system only after being recognized and checked with the given data base of enlist voters, once the corresponding finger print and iris recognition is matched with the information provided, the voter will be allowed to proceed for choosing their preferred candidate from the panel of buttons. The same person enrol second time means, it will display your vote is already registered. There is no chance of extra vote. Total number of votes polled and total number of votes not poll displayed onto a LCD display. By using this method we can avoid invalid and fake votes The proposed project displays transparency and also carries the feature of being autonomous during the course of operation.

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DEPARTMENT OF ELECTRONICS AND ELECTRONICS ENGINEERING

MINI PROJECT EXPO

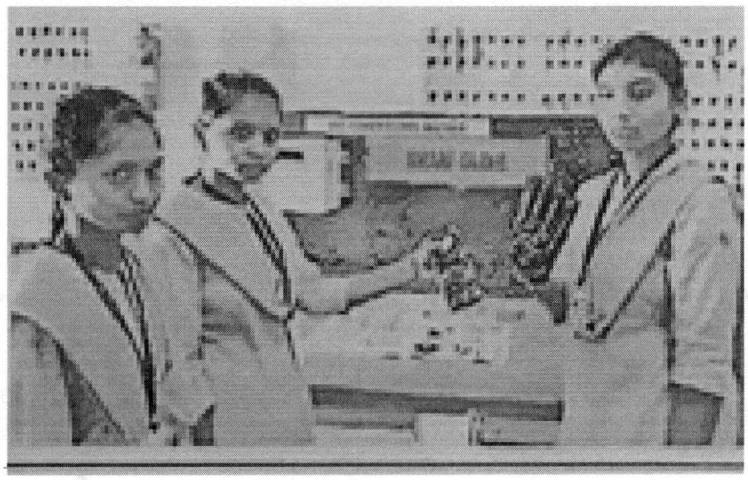

FIG: STUDENTS PRESENTING MINI PROJECTS

A 'glove' that shows patients' problem, such patients are in some cases in an irreversible condition. Patients are says what he wants only through gestures. A student in this group made the sounds of some of the patients struggling with the same problem while going to the hospital. Forefinger Sachite - If you tie the middle finger for medicine, if you move the finger for food or water, you will be in danger. For this, the use of voice module, speaker, etc. was observed and this idea became a reality. Use part glasses by rubbing the patient's armpits.

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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

MINI PROJECT EXPO

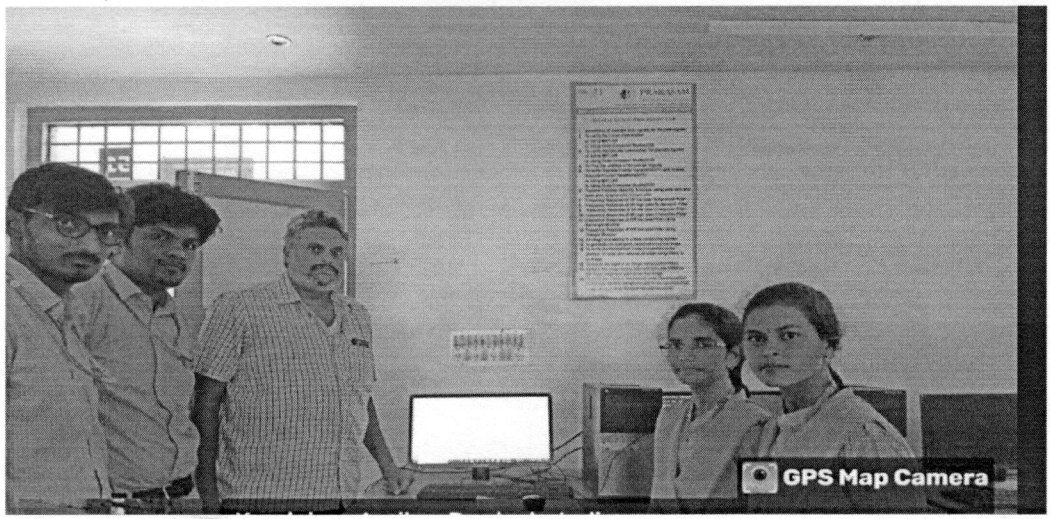

FIG: STUDENTS PRESENTING MINI PROJECT

Weave Life is basically an Android Application (App) Based on the Theme called "Digital Library". The Application Weave life is made by using the some popular languages like Kotlin, xml, jsonObject,and Mysql.It's an Educational purpose App and also having multiple features like music and Games,ProblemStatement.

In Real Life we Encounters with multiple problems while we are going to theLibrary.LibraryTimingSearching of required book Maintenance of Book and the solution for all these real life problems is "WeaveLife"As the term "weave "indicates it is the combination of solutions of Real life problems. Weave life provides a Digital Library which contains all the textbooks, Novels etc…

When we install the weave life in our mobile. Firstly we need to complete the login page by providing our details then weave life Digital Library welcomes you, you need to click on the icon called library and select the book

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DEPARTMENT OF CIVIL ENGINEERING
MINI PROJECT EXPO

First, a section of the road is to be selected according to the guidelines and all the necessary lab preparations are to be completed in advance. Traffic volume is a unidirectional study. Therefore, it is more desirable to record traffic in each direction of travel and keep separate observers for each direction. The number of observers required to count the vehicles depends upon the number of lanes and the type of information required. The time slots and number of shifts could vary depending on members of the field team.

For example, for all day counts, work in three shifts of 8 hours each could be organized. Data is to be recorded on tally sheets/field data observation sheets. First, the observer records the date, location, weather condition, direction and time of the study. One or more sheets may be required for observing and recording the traffic data. Observer counts the vehicles and records observations in the respective vehicle type column with the help of hand tallies called Five-Dash system (vertical strokes for first four vehicles followed by an oblique for the fifth vehicle depicting a total of five) for each count interval, mostly 15 minutes

Data is collected for each type of vehicle and filled in tally sheets for the whole time of the study

Calculate the hourly volume (vehicles/hour). Volume can be expressed as Average Daily Traffic (ADT) and Annual Average Daily Traffic (AADT) depending on data record Also determine the peak rate of flow and Peak Hour Factor (PHF) during both peak and off-peak periods for data recorded in the field.

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4. Project work

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
PROJECT WORK

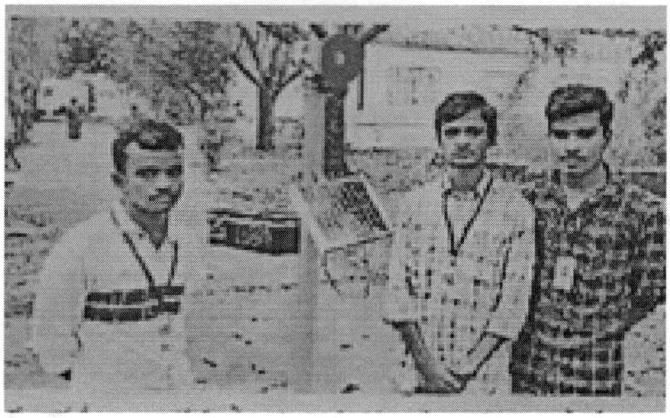

Fig: Crop Protection Using Solar Panel

Machine protections for crops Farmers usually install electric fences around their fields to protect crops from rodents and wild animals. There have been many incidents where they have been electrocuted to death by catching them. The 'Crop Protection Using Solar Panel Project' was designed to solve this problem. This device is made using rechargeable battery, LCD display, Arduino board, Mic etc.If you keep it in the applications, it will protect against birds and animals making strange noises through the Mic. It is special to make a different type of sound every minute. The sounds can be heard from a distance of about half a kilometer.

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INDUSTRIAL VISIT

DEPARTMENT OF CIVIL ENGINEERING
THREE DAY SURVEYING CAMP AT PEC COLLEGE GROUND

Three day surveying camp at pec college ground

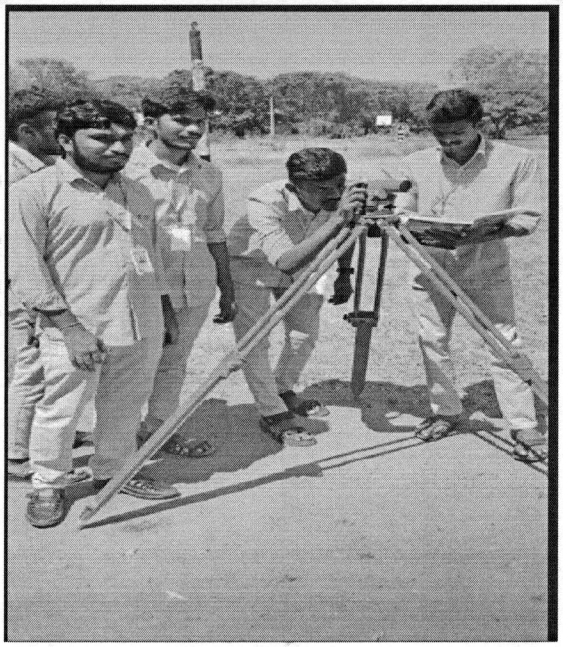

FIG: SURVEYING CAMP AT PEC COLLEGE GROUND

The Department of Civil Engineering organized survey camp for third year Civil Engineering students obtain extensive hands-on experience in the use of land surveying instruments and in the essentials of survey practice.

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5. Industrial Visit

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DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

INDUSTRIAL VISIT

COMPANY NAME: AMAR RAJA GROUP

DATE: 1.05.2022

Department of electrical and electronic engineering organized an Industrial Visit to Amar raja skill center for second year students on 1.05.2022. It was one of the most awaited visits for the students and therefore students were excited for the same.

FIG: Amararaja Group Industries

Amararaja Skill Center ARSC Dean KV Ravi Kumar stated that there is a bright future in core (product) companies like commodity production and long-term employment opportunities.

He said that training will be a permanent task to enhance the skills of those in the respective core jobs. Students were explained that ASK principle contributes to the growth of every person in life and described as A- Attitude (Behavior) S- Skill (Skill) N-Knowledge. Finally, the students examined the methods of plastic molding, screws and nuts used in the manufacture of batteries in Peta Mitta.ARSC where he taught the students about personality development skills.

Ravi Kumar analyzed that even in the software sector MNCs require retirement at 30 years while in the same core companies (manufacturing) there are employment opportunities up to 60-70 years. He assured that the future will pave golden paths for core courses like electrical, electronics, mechanical etc. Amar Raja Group flourished with 16,000 employees, turnover of 9,000 cores and exports to 40 countries.

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DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

Activity : **Industrial Visit**
Beneficiaries : **II Year EEE Students**
Place of Industry : **Gudur, Tirupathi**
Date of Visit : **23.12.2022**
Purpose of Visit : **To attain manufacturing of Ductile & Grey Iron Castings and content beyond the syllabus**

An industrial visit to Nelcast ltd. Gudur, and Tirupathi was scheduled on 23.12.2022 for 4th Semester Electrical and Electronic Engineering department students. Total of 45 Students and faculty (Mr.Meera sharif) attended the visit. Nelcast ltd Managing Director Mr.R.Sasi Kumar and Production Manager Mr.M.Srinivasa Murthy were encouraged us and taught about different stages of products cater to the Global Automotive, Tractor, Construction, Mining, Railways and General Engineering sectors. This visit was mainly focused on understanding procedures involved manufacturing Iron Castings and the equipment's used to work in it.

FIG: STUDENTS TEAM & FACULTY

CHADALA VADA RAVI KUMAR

CHADALAVADA RAVI KUMAR
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907ce75930813a38e744b21887,
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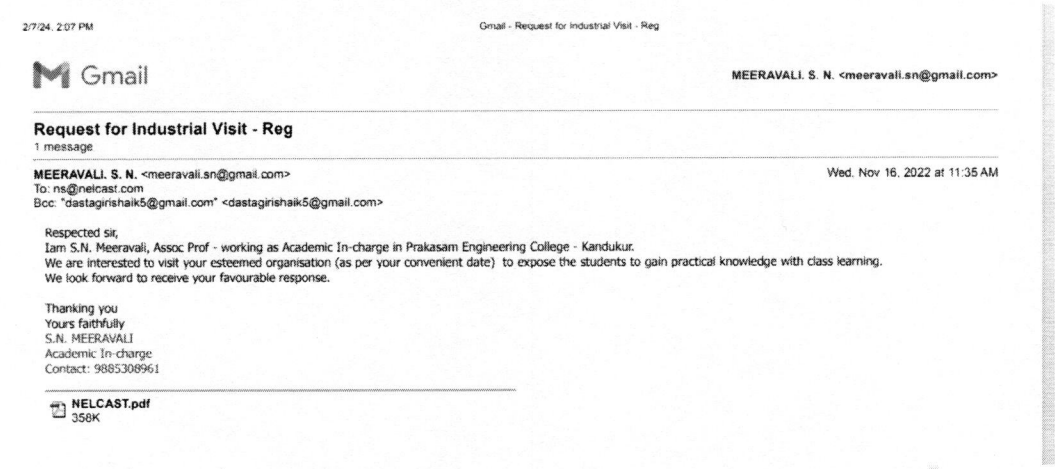

2/7/24, 2:07 PM Gmail - Request for Industrial Visit - Reg

Gmail MEERAVALI. S. N. <meeravali.sn@gmail.com>

Request for Industrial Visit - Reg
1 message

MEERAVALI. S. N. <meeravali.sn@gmail.com> Wed, Nov 16, 2022 at 11:35 AM
To: ns@nelcast.com
Bcc: "dastagirishaik5@gmail.com" <dastagirishaik5@gmail.com>

Respected sir,
Iam S.N. Meeravali, Assoc Prof - working as Academic In-charge in Prakasam Engineering College - Kandukur.
We are interested to visit your esteemed organisation (as per your convenient date) to expose the students to gain practical knowledge with class learning.
We look forward to receive your favourable response.

Thanking you
Yours faithfully
S.N. MEERAVALI
Academic In-charge
Contact: 9885308961

NELCAST.pdf
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DESCRIPTION/EVENT REPORT:

The Industrial visit started from the college campus at 5:30 am via our college bus with 45 students along with three faculty member. They reached around 11.15am at to Nelcast ltd. Gudur. Students were splitted as three batches and given instructions about safety measurements in the industry.

Production Manager Mr.M.Srinivasa Murthy were encouraged us and taught about different stages of products Practical Application of Engineering Concepts, Production Processes, Quality Assurance, Technology and Machinery Safety Protocols, Environmental Sustainability, Exploring different roles within the iron casting industry and understanding the skills and qualifications required for careers in manufacturing and engineering.

FUTURE SCOPE OF IRON CASTING:

- High stiffness, machinability, vibration dampening, high heat capacity and high thermal conductivity.
- such as internal combustion engine cylinder blocks, flywheels, gearbox cases, manifolds, disk brake rotors and cookware, Diversification of Applications.

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DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

Activity : **Industrial Visit**
Beneficiaries : **III Year EEE Students**
Place of Industry : **APGENCO, Srisailam Project, Nandyal**
Date of Visit : **11.02.2023**
Purpose of Visit : **To attain water for irrigation, hydroelectric power generation, and ensuring flood control.**

- On 11th Feb 2023, a one day industrial visit for APGENCO, Srisailam was organized for the EEE- PEC Students of 6th semester Department of Electrical and Electronics Engineering.

- This visit was carried out under guidance of Head of Department "electrical and electronic engineering Total 40 students participated in this industrial visit.

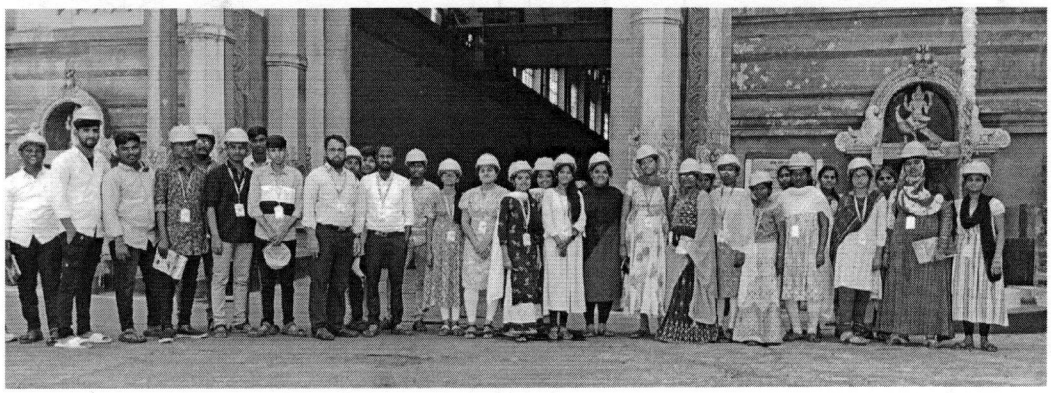


FIG: STUDENTS TEAM & FACULTY

- In this Industrial visit students learn about the intake gates, main inlet valve, turbine, governor, the lubrication system, the excitation of the generator, main circuit breakers. Each of these elements has a particular function in the overall operation.

ANDHRA PRADESH POWER GENERATION CORPORATION LIMITED

From:
The Superintending Engineer
O & M Circle, SRBHES
APGENCO, Srisailam Project.
Nandyal (Dist.)- 518 102.

To:
The Principal,
Prakasam Engineering College,
Kandukur – 523105,
Nellore (Dist).

Lr. No. SE / O&M /SRBHES /ADM/JAO/F.VPH /D.No. 177 /23, Dt. 27-01-2023.

Sir,

Sub: APGENCO-SRBPH – O&M Circle -Visit to the Srisailam Right Bank Power House Permission - Accorded- Reg.

Ref:- Your letter received dated: 27.01.2023.

With reference to the letter cited above you are informed that **B.Tech EEE** students numbering about **60** members alongwith faculty **3** members of your college are permitted to visit the Srisailam Right Bank Power House on **04.02.2023**.

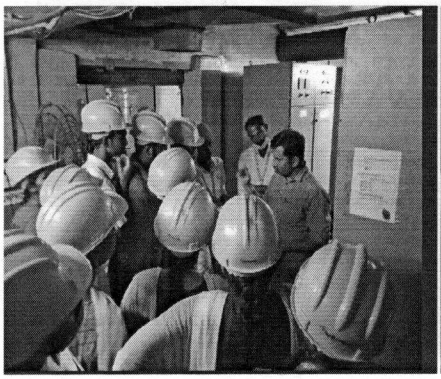
1. Cameras, Cell phones and Electronic items etc., are not allowed inside the Power House.
2. The Students & Faculty should follow the APGENCO Engineers instructions in the Power House.
3. Your college is responsible for any loss/damage occurr with the students & faculty members during the visit.
4. The Students & faculty are advised to take all precautionary measures to avoid any mishap during the visit.
5. The students & faculty should not use lift in Power House.
6. The students & faulty are advised to bring their photo identity cards while emtering into the Power House.
7. The faculty should take care of students regarding the Electrical equipments installed inside the Power House and to maintain the discipline while in around the Power House.
8. Please note that APGENCO is no-way responsible for any mishap/ accidents to the students & teachers during the visit.
9. The students should maintain personal hygiene, physical and social distance inside power house.
10. The students should not travel unnecessarily to other places during the visiting period.
11. The students must were Face Mask compulsory in power house premises.

Yours faithfully,

Superintending Engineer,
O & M Circle, SRBHES,
Srisailam Project.

Copy to the Asst.Security Officer/Dy.Executive Engineer,O&M Stores, SRBPH, Srisailam
Project is hereby istructed to permit the above students and faculty members, duly following departmental procedures in vogue.
Copy to the Dy.Executive Engineer/General/SRBHES,Srisailam Project for information and taking further necessary action.

- Hydropower Generation Process, Dam Construction and Operation, Turbine Technology, Generator Operation, Grid Integration, Safety Protocols, Renewable Energy.



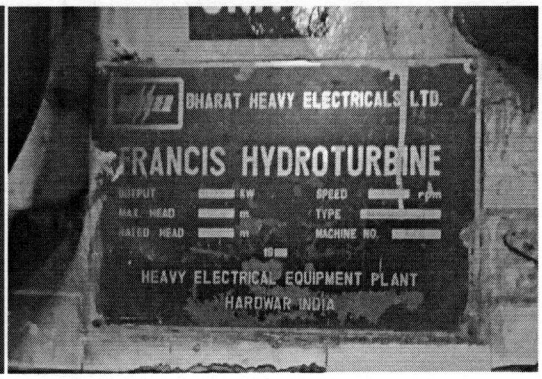
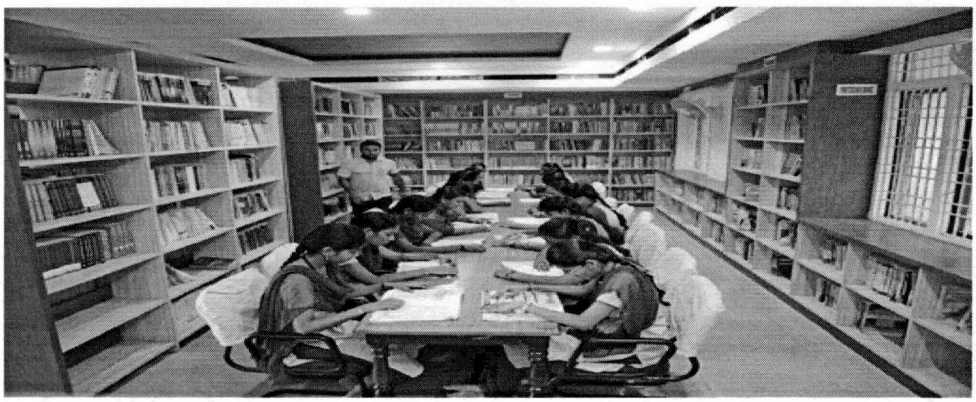


FIG: SRISAILAM HYDROELECTRIC POWER STATION

6. Problem Solving Methodologies

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
PEER-TO-PEER LEARNING



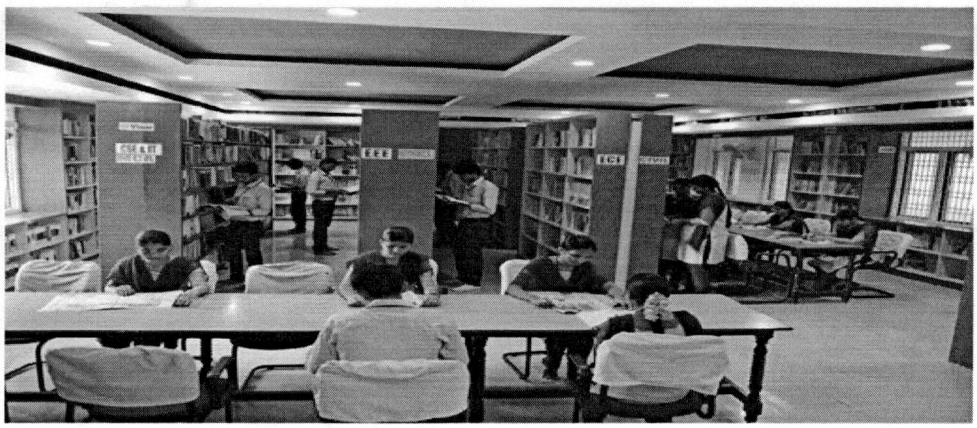
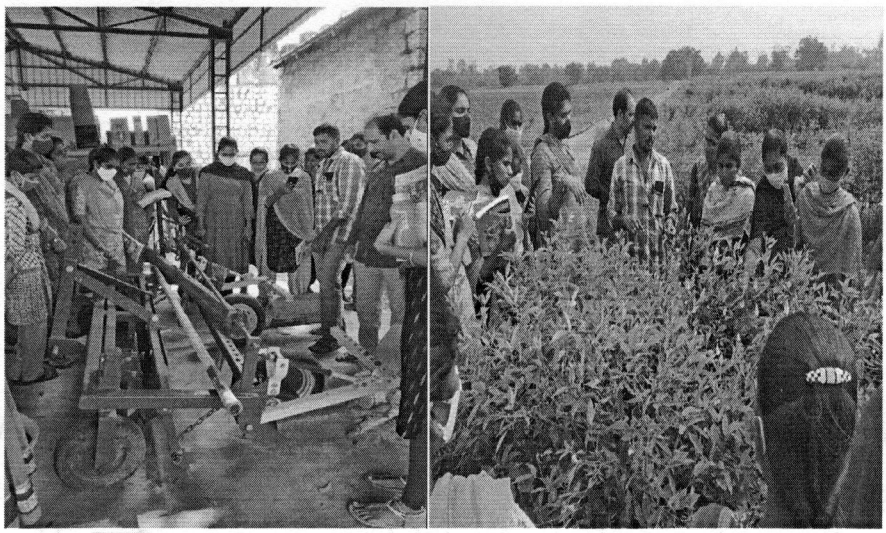


FIG: STUDENTS UTILIZING LIBRARY FACILITY

Student involvement in Learning process through effective usage of library by referring various text books, Reference book and various magazines like EFY.

PARTICIPATIVE LEARNING
CAREER DEVELOPMENT PROGRAM THROUGH ENTREPRENURSHIP AWARENESS PROGRAM



The Chief Guest Mr. Dr. M. SHESHU MADHAV,Director Of CTRI ,Kandukur felicitated the gathering .He Addressed the Students how to Improving the productivity and quality of various types of tobacco viz., Tobacco is one of the important high value commercial crops grown in an area of 0.45 million hectares over 15 states in India. Presently, India stands second in production of tobacco (761 million kg) in the world after China.

He is also explained new Innovations such as some agricultural tools, which is a simple inventions that are useful in rural India .He also explained the students about the five steps of Design thinking, such as Empathize ,design ,ideate ,prototype and test. The overall Workshop was emphasized on design thinking of students to groom them as innovators.

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CAREER OPPORTUNITIES IN GOVT.SECTORS

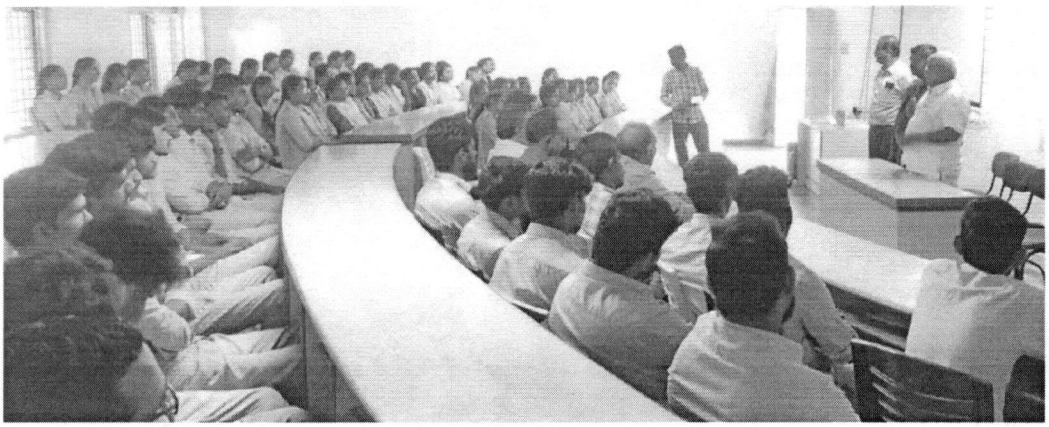

FIG: INAUGURATION OF CAREER OPPORTUNITIES IN GOVT.SECTORS

FIG: PARTICIPANTS OF CAREER OPPORTUNITIES

Various Career Opportunity in Government sectors both for Engineering and Non Engineering aspirants explained by the guest of honor, Student of various branches clarified the doubts with respect to their department.

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STUDENTS PARTICIPATAION IN SPORTS EVENTS

FIG: CHAMPIONS IN CRICKET EVENT

PEC Cricket team won the cricket match against QIS Institute of Technology Cricket team Zonal level match held at Prakasam Engineering College.

PROBLEM SOLVING METHODOLOGIES

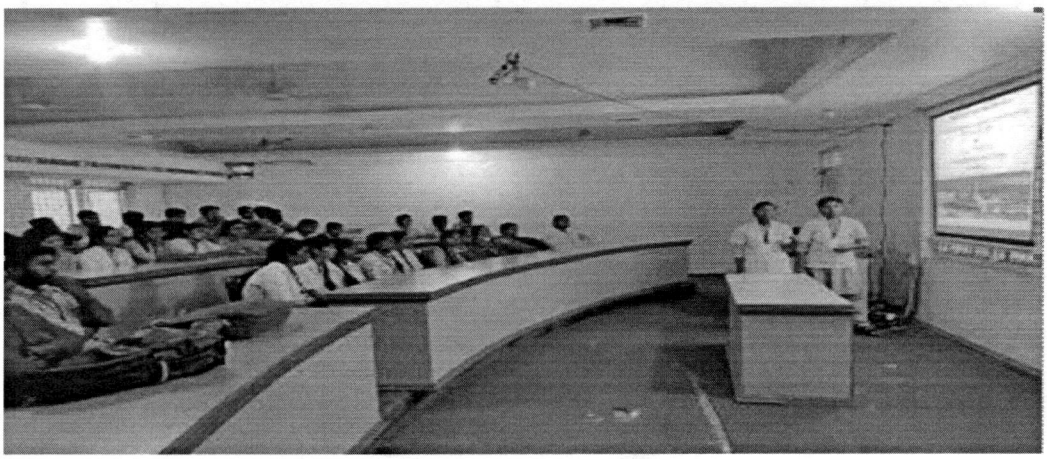

FIG: STUDENTS TAKING SEMINAR

The students of Second year from the department of electrical and electronic engineering has taken Seminar in the Concept of electrical machines .They narrated the Concept through Power point presentation and gave theoretical explanations with sample types of electrical machines.

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7. Participative Learning

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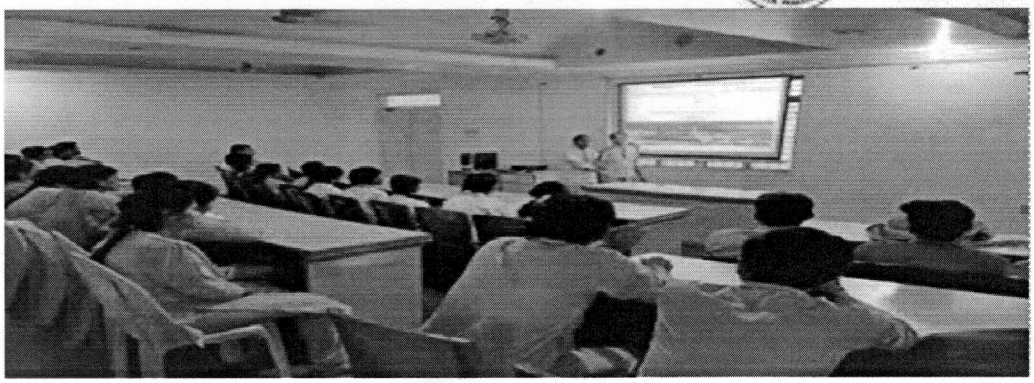


FIG: PARTICIPATIVE LEARNING OF SEMINAR CONCEPT OF ELECTRICAL MACHINES

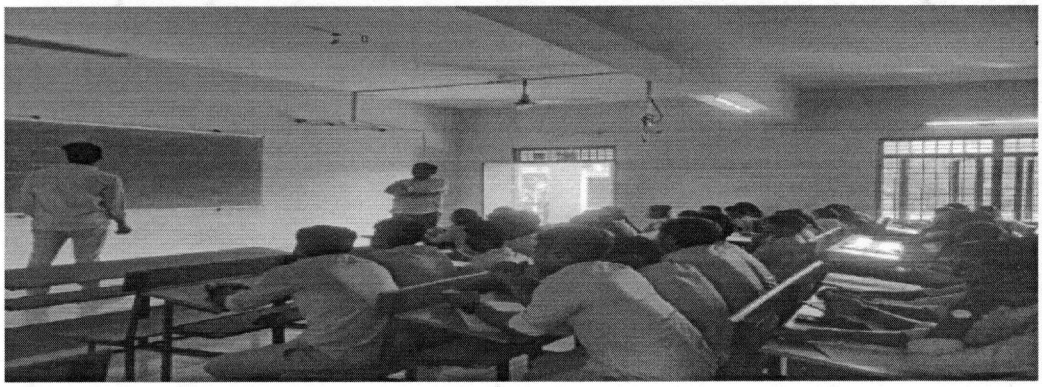
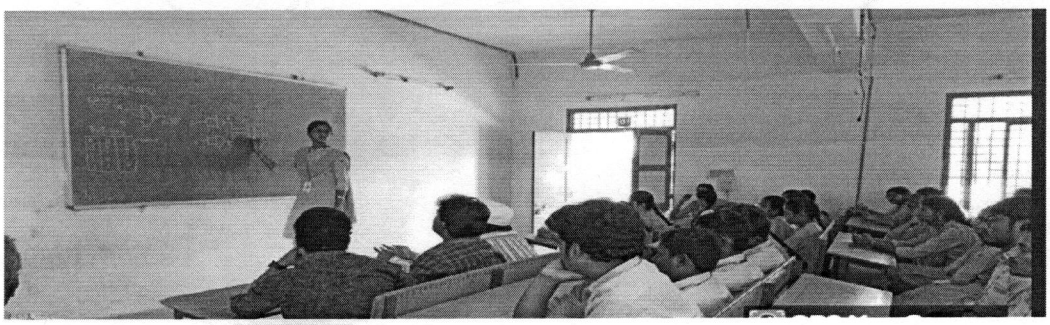


FIG: PARTICIPATIVE LEARNING OF SEMINAR CONCEPT FABRICATIONS OF IC

The student of final year from the Department of Computer Science and Engineering gave seminar on the topic "FABRICATIONS OF IC DESIGN OF VLSI"



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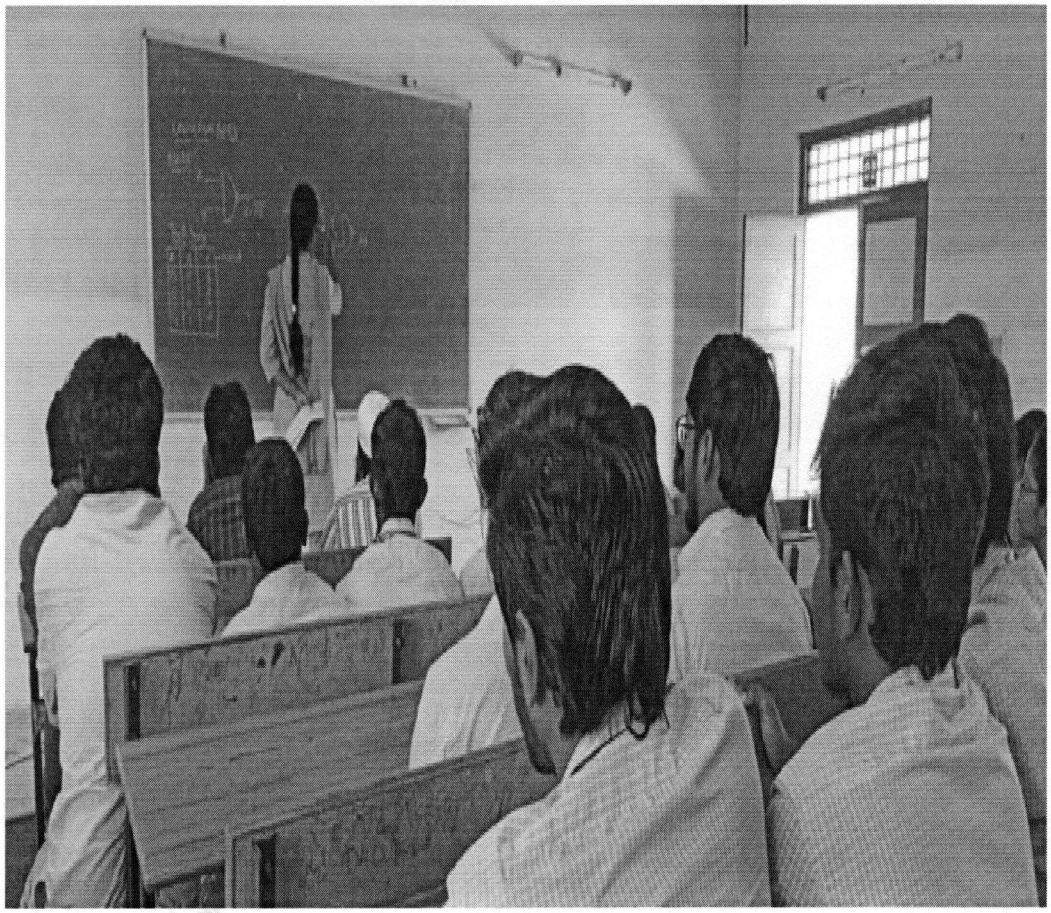

FIG: PARTICIPATIVE LEARNING OF SEMINAR CONCEPT OF SWITCHING THEORY AND LOGIC DESIGN"

The student of final year from the department of Electronics and communication engineering gave seminar on the topic of "SWITCHING THEORY AND LOGIC DESIGN"

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DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

INTERNSHIP: BHEL

FIG: STUDENT UNDERGONE INTERNSHIP IN IMAGECON INDIA

Bharat Heavy Electricals Limited is a power plant contraption manufacturer under the provisions of Government of India. Manufacturing industries of Bharat Heavy Electricals Limited are positioned in various capitals across India. this program will be useful for providing a solid understanding of the subjects being studied. The company is a major product hub for manufacturing electrical, civil and mechanical related machines.

These turbo-generators are supplied together with turbines and matching excitation systems and are used mostly in paper, sugar, cement, petrochemicals, fertilizers etc., and thermal power stations. The turbo generators are based on proven designs and know how backed by over 3 decades of experiences gained by BHEL engineers in this field keeping pace with the latest development in insulation systems to optimize the design. BHEL Hyderabad is the only one in Asia that has the latest type of insulation system called the Vacuum Pressure Impregnation System.

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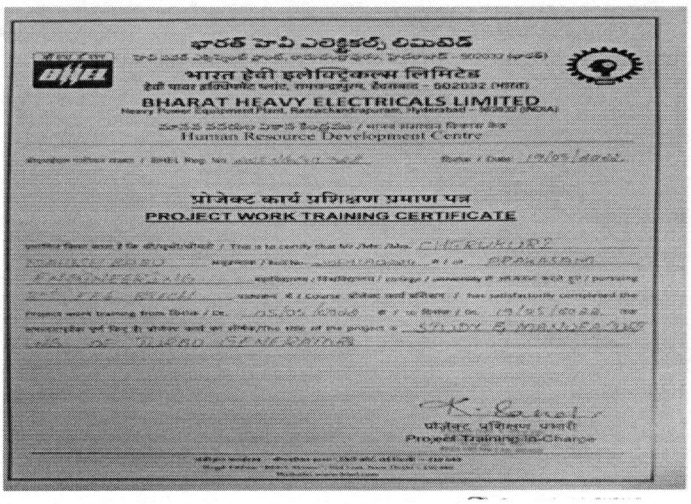
PROJECT WORK STUDENT FORM

1. R. Akhil
2. K. Saikumar reddy
3. D. Maheshbabau
4. Ch. Maheshbabu
5. M. V.Jaswanth
6. A. Ankaiah

The above students have been undergoing project work at our EM division. Following respected executives are requested to render their support during the training period.

In-charge/ Executives	Work Centre	Date to contact
1. Sri Rakesh kumar (Manager), Press shop	3211	
2. Sri. Naveen Kumar, Dy. Manager Copper shop.	3214	
3. Sri. Udayakumar, Dy. Manager / Coil Shop	3215	
4. Sri P. Suresh/ Dy. Manager Stator Winding	3216	
5. Sri K. Jeevan Kumar/Manager. Rotor Wdg	3218	
6. Sri C G Siddhartha, Dy. Manager (Insulation shop)	3219	
7. Sri L. sridhar Reddy, Manager Heavy Machine Shop	3213	
8. Sri Avdhesh Mishra, Dy. Manager (Light M/c Shop & Shop Technology)	3212	
9. Sri K Nagaraju, Mananger EM Assembly	3217	
10. Sri. Chandrasekhar P Manager (EM Testing)		
11. Sri. MNV Surya prasad Manager (EM Engg)		

Thanks with regard


भारत हेवी इलेक्ट्रिकल्स लिमिटेड
BHARAT HEAVY ELECTRICALS LIMITED
Human Resource Development Centre

प्रोजेक्ट कार्य प्रशिक्षण प्रमाण पत्र
PROJECT WORK TRAINING CERTIFICATE

प्रोजेक्ट प्रशिक्षण प्रभारी
Project Training In-Charge

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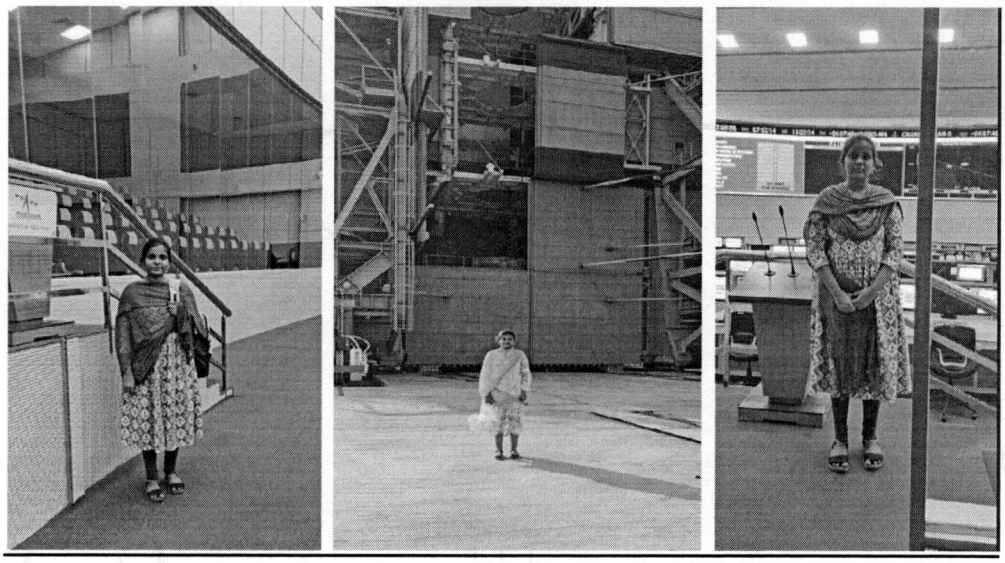
DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

INTERNSHIP: SHAR



SDSC-SHAR Electrical Distribution Network is a well-protected system for continuous uninterrupted power supply. Electrical power for SDSC-SHAR is fed from Mannarpolure 220kV substation through dedicated lines of 132kV and 33kV. From SPDCL, SHAR receives normal power at 11 kV either 132/11 kV or 33/11kv feeders. SPDCL substation near SPROB gate receives these lines and step down to 11kV. For every substation, there exist 2 feeders, so that if any fault occurs in one feeder its load can be transferred to other feeder using Bus coupler.

Every vital substation is equipped with 2 or 4 diesel generators. The SHAR Main Receiving Station situated at SPROB receives from these two 11kv feeders. There are six outgoing feeders at SHAR MRS, three outgoing feeders connected on feeder-1 side and other three on feeder-2 side. These two incoming feeders are connected through Bus coupler. In-house 11kV captive power facility is also available on either one of the incoming or both. STEX has two incoming feeders from MRS. Generally, SPDCL power is fed through feeder-1 and captive power is fed through feeder 2 from MRS, All the critical loads provided with two chain configurations. All the facilities of SDSC-SHAR are provided with two incoming feeders under the Ring main system but operated in Radial configuration. Here Ring main system is used because of its reliability.

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CHADALAVADA RAVI KUMAR

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C=IN, O=PERSONAL
your signing location here
2024.05.30 12:49:05+04:00

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श्री पोट्टि श्रीरामुलु नेल्लूर जिला, आं.प्र., भारत
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Department of Space
Satish Dhawan Space Centre SHAR
Shriharikota Range P.O. 524 124
SPSR Nellore Dist., AP, India
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प्रबंधन प्रणाली क्षेत्र MANAGEMENT SYSTEMS AREA
मानव संसाधन विकास प्रभाग HUMAN RESOURCE DEVELOPMENT DIVISION
(Phone No. 08623 - 225047, Fax No - 225577)

No.HRDD/STU/I/PRJ2023078 June 26, 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Sarvepalli Harshini** (Reg. No. 20P91A0241) pursuing **B. Tech - III Year (Electrical & Electronics Engineering)** from **Prakasam Enginéering College, Kandukur** has undergone **Internship Training** at **Construction & Maintenance Group (CMG)** in **SDSC SHAR, Sriharikota** from **22/05/2023 to 23/06/2023.**

During the above period, her character and conduct were found to be **Very Good.**

(P Gopi Krishna)
Group Director, MSG
P. Gopi Krishna
Group Director
MSG
SDSC SHAR

Government of India
Department of Space
Satish Dhawan Space Centre SHAR
Sriharikota - 524 124

CONSTRUCTION AND MAINTENANCE GROUP

No. CMG / ADMN / Student Posting / 2023 May 22, 2023

OFFICE ORDER

Ms. Sarvepalli Harshini, B. Tech-III year (Electrical & Electronics Engineering) of **Prakasam Engineering College, Kandukur** who is granted permission to carry out Internship training at CMG for the period **from 22.05.2023 to 23.06.2023** with effect from the forenoon of **22.05.2023** vide Posting Order No. HRD/STU/I/PRJ2023078, dated 19.05.2023 of Group Director, MSG.

Ms. Sarvepalli Harshini, is directed to report to **Shri P Murali Krishna, Sci/Engineer-SD Electrical Division-I, CMG.** For commencement of his Internship training

(RAMESH T N)
Group Head, CMG

T.N. RAMESH
GROUP HEAD, CMG
SDSC SHAR
SRIHARIKOTA

To

Ms. Sarvepalli Harshini
B. Tech-III Year (Electrical & Electronics Engineering)
Internship

CC : Shri P Murali Krishna, Sci/Engineer -SD Electrical Division-I, CMG.

भारतीय अंतरिक्ष अनुसंधान संगठन Indian Space Research Organisation