

Institute Distinctiveness

The vision of KPRIT is to be a world-class educational and research institution in the service of humanity by promoting high-quality Engineering Education. In-line with the vision, mission and thrust, the institution provides consistent support and state of the art educational infrastructure and innovation eco system to enrich both academic and research practices.

As providing world-class education is one of the long term goals of the institution, it has adopted learner centric and innovative teaching methodologies for academic practices in order cater the attention and involvement of the students. In order to make the students as industry ready, the institution takes several significant measures such as pre-placement training, add-on courses; value added courses, internships and industrial visits.

The Institution is distinctive in providing state of the infrastructure and platform to participate in competitions like Go-Kart, Project Expo, Hakathon, sports events etc. The infrastructural facilities available in the institution instill the students to conceptualize the ideas, design, fabricate and develop the models.

The institute has various distinctiveness activities and some of them are listed below.

- ❖ Teaching and Learning Methodologies
 - Course Based Projects
 - Open House
 - Shadow Engineering
 - WIT&WIL
 - Lab based protocol
- ❖ Values Added Courses for students
 - Coursera
 - NPTEL
 - IIRS ISRO Outreach Program
 - Texas Instrument Contest
- ❖ Student Activities for Capability Enhancement
- ❖ Student Achievements, Appreciation and Awards
- ❖ Placement and Higher Studies
- ❖ Societal Empowerment Programs
- ❖ NSS Activities
- ❖ CO-PO Awareness Programs
- ❖ Staff Development Activities and Initiatives

❖ Infrastructure facilities

Teaching and Learning Methodologies:

KPRIT is a place in which the all-round development of the student is more focused. The prime objective of KPRIT is to update and modernize the quality of professional education. Its aim is to employ innovative teaching methods which carry an emphasis on fast-changing technological trends. This is to integrate classroom learning with actual work experience in the industry concerned or in a related professional field. The college aims to encourage students from the first year B.Tech itself, to identify suitable work areas and to execute projects of their own choice and interest. The teaching-learning process is carried out through the use of overhead and LCD projectors. Various facilities such as an extensive computer center, library, advanced lab for communication skills, internet center, and spacious seminar halls and Electronic Classrooms will make the student learning environment more comfortable. In ancient Gurukula System, students learned primarily from the teacher but with the advancement of technology, changing social needs, globalization, and with increase of absorption levels of the student's, new teaching methods are sought apart from conventional lecture method. Today to gather information students are using internet, online libraries, television etc. Active learning is an umbrella term that refers to several models of instruction that focus the responsibility of learning on learners. Various Teaching learning methods that are implemented at KPRIT are as explained here.

1. Course Based Projects
2. Open House
3. Shadow Engineering
4. WIT&WIL
5. Lab based protocol

1. Course based projects:

Practical orientation and knowledge will enhance and imbibe the skills of the students. In this pursuit students are encouraged to carry out projects which will make them understand the concepts learned and implement them in a practical way.

Best Lab Oriented Course Based Projects for the Academic Year 2018-19

Sr. No.	Hall ticket No	Student Name	Title	Guide
1	17RA1A0447	Srilatha	Soil Moisture sensor	Dr. Vipul Dabhi

	17RA1A0438	Preethi	using ESP8266	
2	15RA1A0422	Rishik	Voice controlled Wheel	Dr. Sreenath
	15RA1A0411	Supraja	Chair using IOT	Kashyap
3	17RA1A0432	Preethika	Smart Controller	K Shyam
	17RA1A0422	Mani Kumari		
4	16RA1A0405	Akhila	Home Automation System using ESP8266	Y. Vishvasree
	16RA1A0414	Harika		
	16UA1A0487	Preethi		
5	17RA1A0431	Prashanthi	Traffic Light Controller using Arduino	Shaik Imam Vali
	17RA1A0415	Keerhti		
	17RA1A0426	Niharika		
6	17RA1A0405	AurabindoNaik	Obstacle Detecting Robot	Muarali Krishna
	17RA1A0423	Manu Kaushik		
	17RA1A0429	Pichi Reddy		
7	16UA1A0404	Akhil	Portable Mobile Charger	Revanna Bidari
	16UA1A0420	Nikhil		
	16UA1A0427	Venkatesh		
8	17RA1A0416	Krishna Veni	Smart Dustbin using Arduino	A Ramesh
	17RA1A0448	Supriya		
	17RA1A0441	Santosh		
10	16RA1A0413	Gopal	Decade Counter	M Srilekha
	16RA1A0419	Chary		
11	17RA1A0413	Harish Reddy	Electronic Dice	Snigdha Kamala
	17RA1A0414	Sudharshan		
	17RA1A0453	Yashwanth		
12	17RA1A0421	Manideep	Google Assisted Voice Controller Message Display	B Chandrakala
	17RA1A0444	Sharwani		
13	17RA1A0418	Mahathi	Fire Alarm Detection system using Arduino	B Krishnaveni
	17RA1A0434	Ramya		

Soil Moisture sensor using ESP8266

1	17RA1A0447	Srilatha	Soil Moisture sensor using ESP8266	Dr. Vipul Dabhi
	17RA1A0438	Preethi		

Name of the course: Microprocessor and Microcontroller

Project Title: Soil Moisture sensor using ESP8266

Aim: To observe the condition of soil from remote place and operate pump motor.

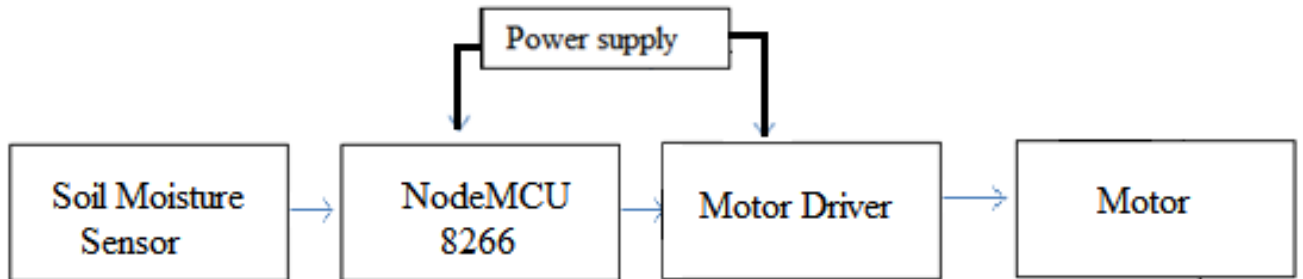
Brief Description:

Agriculture remains the sector which contributes the highest to India's GDP. But, when considering technology that is deployed in this field, we find that the development is not tremendous. Now a day's there is huge enhancement in technologies which have a significant impact on various fields like agriculture, healthcare etc. Agriculture is the primary occupation in our country. India's major income source is depending on agriculture therefore the development of agriculture is important. In today also most of the irrigation system is operated manually. The available traditional techniques are like drip irrigation, sprinkler irrigation etc. These techniques are need to be combined with IoT so that we can make use of water vary efficiently. IoT helps to access information and make major decision-making process by getting different values from sensors like soil moisture, water level sensors, water quality etc. This focuses primarily on reducing the wastage of water and minimizing the manual labor on field for irrigation so that farmers can save time, cash and power. Most of the farmers use large portions of farming land and it becomes very difficult to reach and track each corner of large lands. Sometime there is a possibility of uneven water sprinkles. This result in the bad quality crops which further leads to financial losses. In this scenario the Smart Irrigation System using latest IoT technology is helpful and leads to ease of farming.

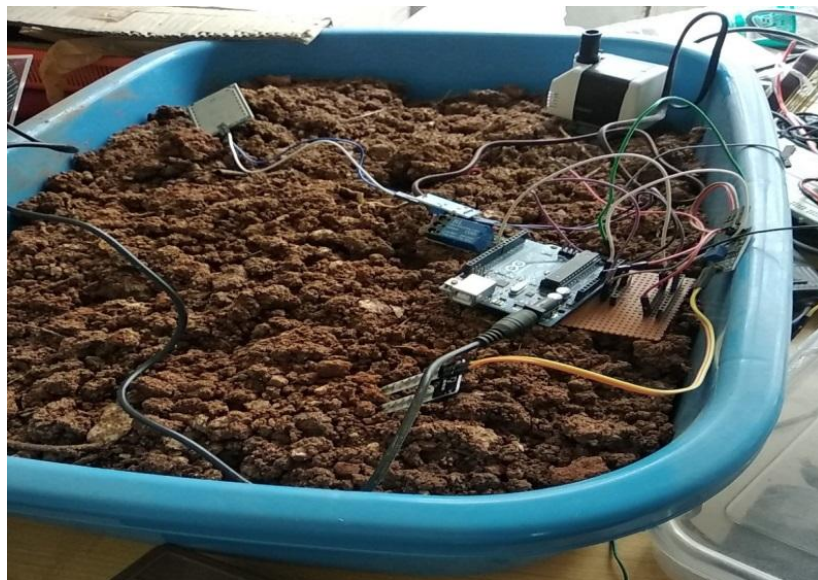
The Smart irrigation System has wide scope to automate the complete irrigation system. An IoT based Irrigation System using ESP8266 NodeMCU Module and DHT11 Sensor has been designed here. It will automatically irrigate the water based on the moisture level in the soil. The System consist a water pump which will be used to sprinkle water on the land depending upon the land environmental condition such as Moisture, Temperature and Humidity. Apart from this, Rain alarm and soil moisture detector circuit can also be helpful in building Smart Irrigation system. Before starting, it is important to note that the different crops require different Soil Moisture, Temperature and Humidity Condition. So this system is using such a crop which will require soil moisture of about 50-55%. So when the soil loses its moisture then motor pump will turn on automatically to sprinkle the water and it will continue to

sprinkle the water until the moisture goes up to specific level and after that the pump will be turned off.

Block Diagram:



Pictorial View:



Voice controlled Wheel Chair using IOT

2	15RA1A0422	Rishik	Voice controlled Wheel	Dr. Sreenath Kashyap
	15RA1A0411	Supraja	Chair using IOT	

Name of the course: Internet of Things

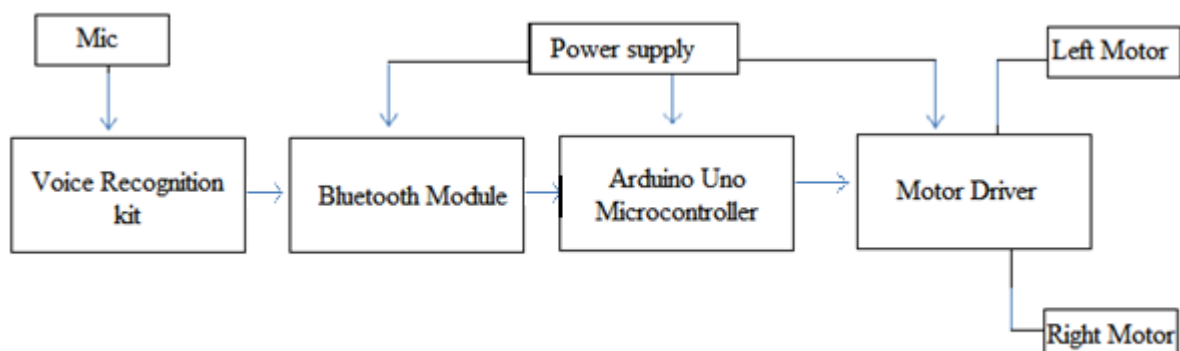
Project Title: Voice controlled Wheel Chair using IOT

Aim: To operate IOT operated wheelchair using android mobile.

Brief Description:

The design of a smart, motorized, voice controlled wheelchair using embedded system. Its design supports voice activation system for physically differently abled persons incorporating manual operation. The “Voice-controlled Wheel chair” designed for the physically differently abled person, where the voice command controls the movements of the wheelchair. The voice

command is given through a cellular device having Bluetooth and the command is transferred and converted to string by the BT Voice Control for Arduino and is transferred to the Bluetooth Module SR-04 connected to the Arduino board for the control of the Wheelchair. For example, when the user says “Go” then chair will move in forward direction and when he says “Back” then the chair will move in backward direction and similarly “Left”, “Right” for rotating it in left and right directions respectively and “Stop” for making it stop. This system was designed and developed to save cost, time and energy of the patient. The system has two parts, namely; hardware and software. The hardware architecture consists of an embedded system that is based on Arduino Uno board, a Bluetooth Module, Motor Driver and an Android phone. The Bluetooth Module provides the communication media between the user through the android phone and the system by means of voice command given to the android phone. The user speaks the desired command to the “BT Voice Control for Arduino voice (AMR Voice Application)” software application installed in the android phone that is connected through Bluetooth with Bluetooth Module SR-04. The voice command is converted to an array of string and the string is passed to Arduino Uno connected to it. Once the Bluetooth Module receives the message, the command sent will be extracted and executed by the microcontroller attached to it and depending on the commands fed to the motor driver, the motors will function accordingly. The system will interpret the commands and control the wheelchair accordingly via android application.

Block Diagram:**Pictorial View:**



2. WIT & WIL

Engineering education scenario can make its impact, only when it is more relevant to the dynamics of today's world, society, industry, economy, and environment. No more is technical education a mere qualifying fascination – the world needs to be able to quantify the application of engineering knowledge. KPRIT has long- absorbed the philosophy of outcome-based education and thus has indigenously created a variety of internal processes and methodologies to ensure that the Institute's graduates stand exemplary of the renewed spirit of modern engineering education.

WIT & WIL, acronym for "*Why am I Teaching What I am Teaching*" from Teacher's perspective and "*Why am I Learning What I am Learning*" from student's perspective, is one such initiative that has been embedded into the Teaching-Learning process at the institute since 2017, as a part of the Education process Re-engineering. WIT & WIL has a structured framework and definitive metrics to ensure that the course outcomes are met, since learning occurs not by recording information but by interpreting it. It helps students to structure and processes knowledge and in turn makes them as constructors of knowledge. WIT & WIL formats also provide ample scope for modern education technologies and active teaching methods, such as the use of audio-visual content, slideshows, case studies, and storytelling through real-world examples.

A video is designed and created using ICT tools in order to present the teacher's perspective ("WIT") about scenario of the respective subject. The video is designed such that it maps

every topic of the prescribed syllabus to the real-world, in order to give the students a tangible experience of understanding the underlying engineering concepts to perceive for themselves (“WIL”). The mechanism of documenting WIT & WIL is also in line with the revised Bloom’s Taxonomy, wherein the students are driven from Lower Order Thinking skills (LOT) to Higher Order Thinking skills (HOT) and develop an innate understanding and appreciation of the subject towards the real-world scenario.

Faculty members of KPRIT are using ICT enabled tools and models for effective teaching learning process. Faculty members have used Google classroom, Group discussion, Project based learning, Plickers, Moodle etc. for improvement in teaching. Students took part enthusiastically when new methods are adopted by faculty members.

Sr.No.	Innovations in Teaching Learning
1	Plickers
2	Demonstration of Model
3	Google Classroom
4	Self Learning Material Using ECAP
5	Project based learning
6	Group Discussion
7	Moodle subject website

Plickers:

Quiz was conducted using the tool Plickers in which students are given cards which carries unique pattern for its answers. Answers may be option A, B C or D. By putting cards in front of mobile camera students can register his or her answer. This quiz was conducted for the subjects of EMTL and PDC.

After completion of quiz answers were displayed on the projector screen so students can know their result. The question in which students got less performance was discussed again for so that students got better clarity of that topic or question.



Demonstration of Model:

In the subject of Electromagnetic Theory and Transmission Lines, model of three dimensions was shown to students for better visualization of three dimensional concepts.

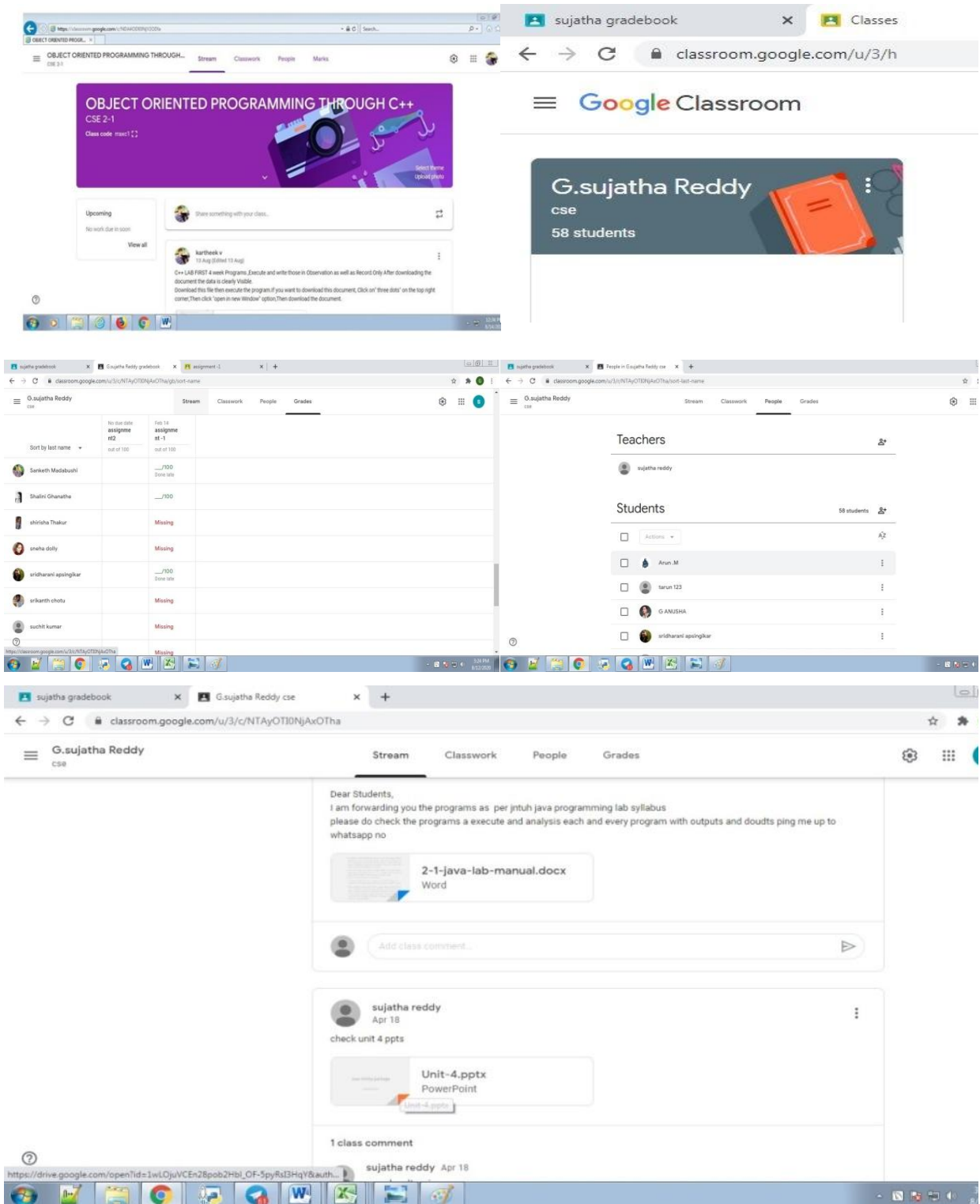


Also in subject of Antennas and Wave Propagation, different prototype antennas are shown so that student can get the idea for the designing of an antenna.

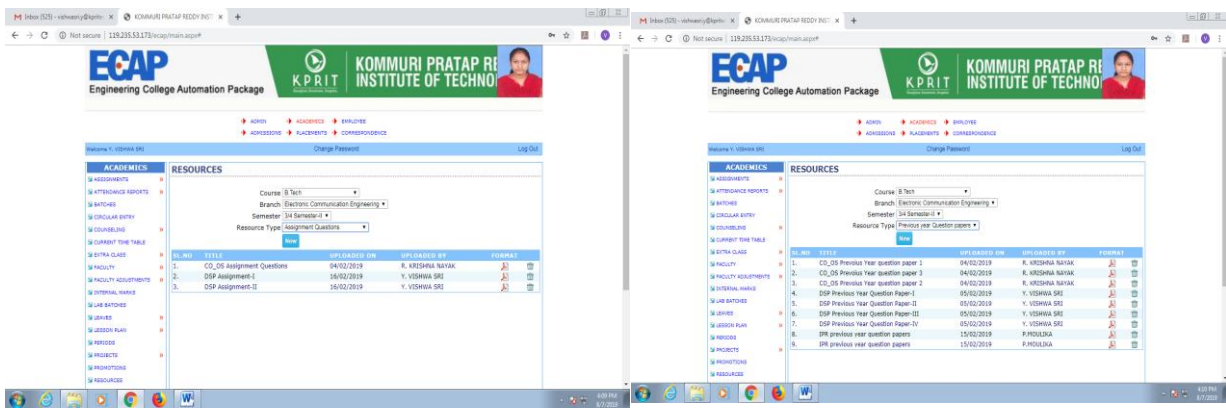
Google Classroom:

Google Classroom's purpose is to facilitate paperless communication between teachers and students and streamline educational workflow. Classroom allows teachers to create classes, post assignments, organize folders, and view work in real-time. Students will have an exposure to an Online Learning Platform. Google Classroom can help students become and stay engaged in the learning process.

Google Classroom Home page:

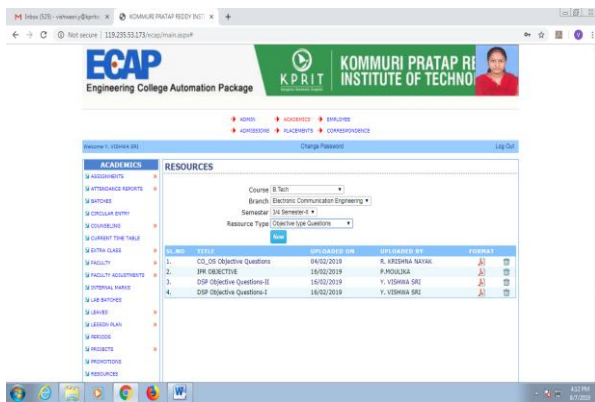


Self Learning Material Using ECAP

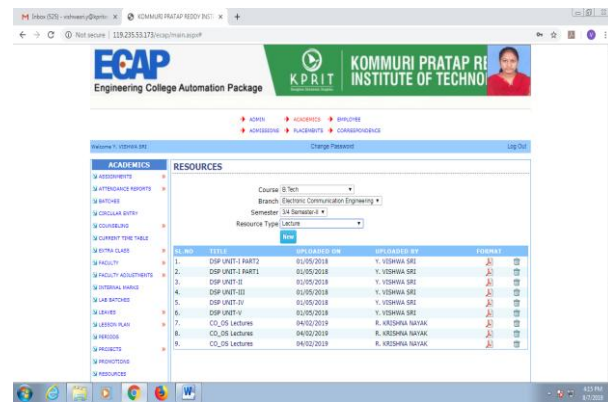


DSP Assignments-I&II

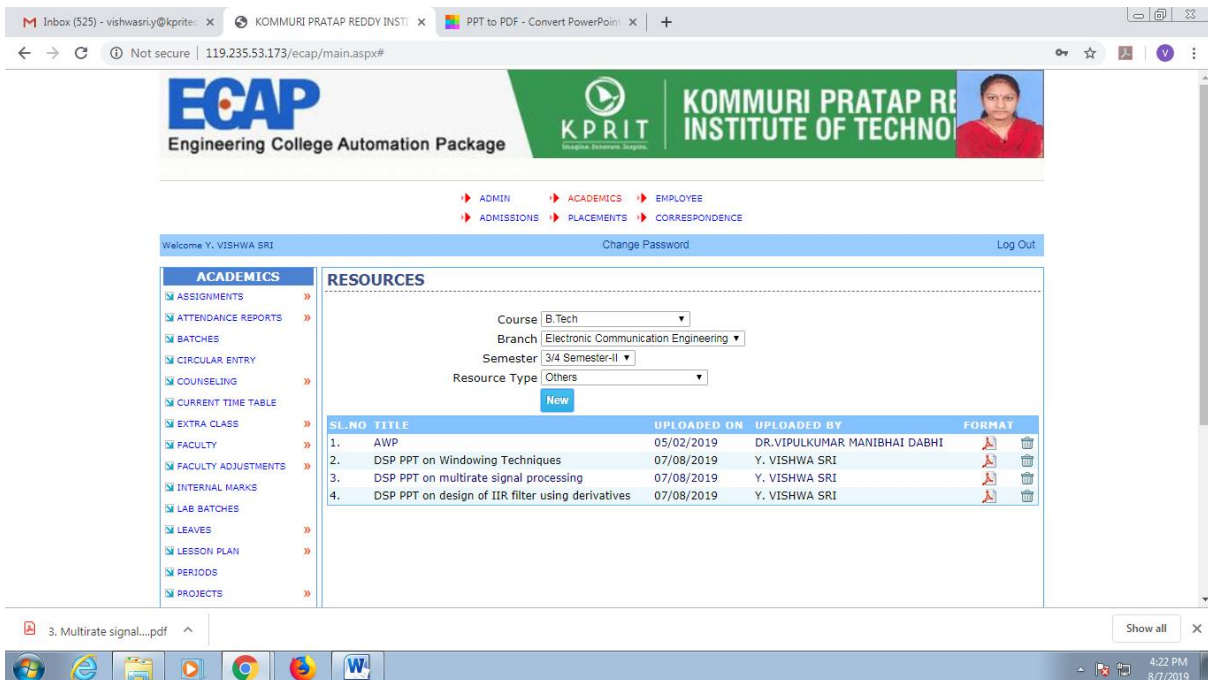
DSP Previous Year Question Papers



DSP Objective Questions



DSP Notes



DSP PPTs

Project Based Learning

Idea:

Project Based Learning is a model for classroom activity that shifts away from the classroom practices of short, isolated, teacher-centered lessons and instead emphasizes learning activities that are long-term, interdisciplinary, and student-centered. Learning experiences are designed as complex, authentic (real-world) projects. The contexts for many of the projects are found outside the college premises. Projects emerge from needs in the community or home; they arise from social issues, or perhaps physical, emotional, or recreational needs. Some can be linked with industry or business activities.

Implementation:

Students use prior knowledge and research skills. Students determine what new academic knowledge and research skills are needed to acquire them. Students gather information from a variety of sources. Teachers encourage work that is complex and draws on a full range of students' abilities.

Outcome:

Student learning has value in the community. Curriculum is related to real-life issues helping students understand what they are learning and why are they learning it. Students become practitioners using and demonstrating knowledge.



Group Discussion

Idea:

Group discussion is a systematic and purposeful interactive oral process where the exchange of ideas, thoughts and feelings take place through oral communication. The exchange of ideas takes place in a systematic and structured way. The participants sit facing each other almost in a semi-circle and express their views on the given topic/problem.

Implementation:

- Students are selecting the topic.
- Students are divided into different groups.
- Each group is assigned a name based on topic selected.
- Students are asked to give their views on the concept.

Outcome:

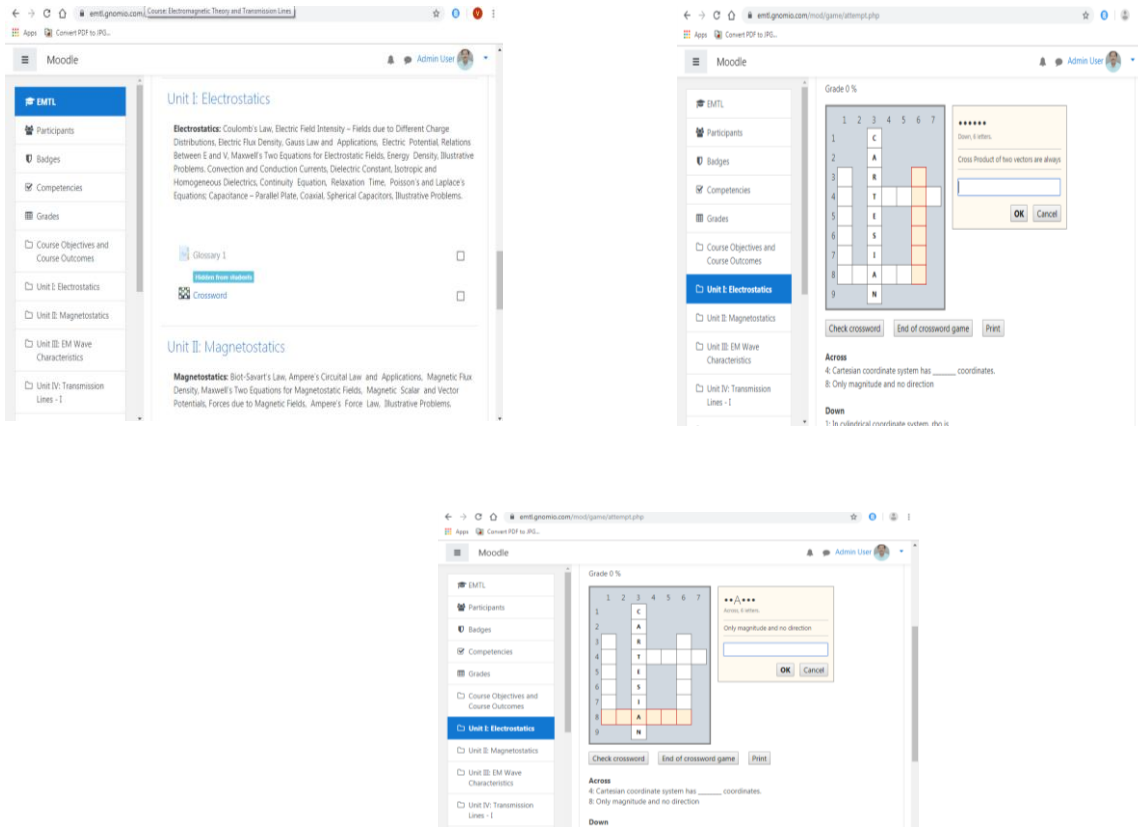
It helps students to train themselves to discuss and argue about the topic given, it helps them to express their views on subjects and in formal situations. It improves their thinking, listening and speaking skills. It also promotes their confidence level.

**Subject Website on Moodle LMS Platform:**

Moodle is the world's most popular and most used Learning Management System (LMS). Moodle is an open source platform, which means that its source code is accessible to all. In Moodle LMS, learners can access course materials from anywhere and at any time. That means they don't need to be in the classroom or have physical materials on hand. Moodle website created for the subject of Electromagnetic and Transmission Lines (EMTL). The subject website is emtl.gnomio.com.

In this website, Students are asked to enroll on the website. They are doing self-enrolment in the website and they have access to visit the website. Crossword puzzle quiz was conducted and students have taken active part in the crossword puzzle.

After completion of the quiz, students can see their result of the quiz. Maximum three attempts are given to attend the quiz. Highest grade is considered for the final result. Snapshot of the website and crossword puzzle quiz is shown below.



3. Open House:

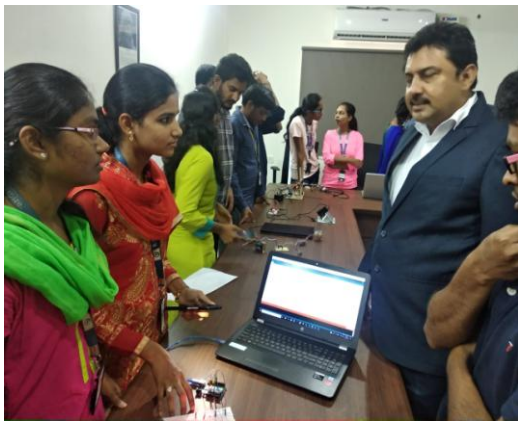
Open House is one of the prolific ideas that KPRIT has come up with. It is an open arena for all the students to come up with their creative latent skills. It provides a platform to exhibit one's proficiency in an area in the form of a project and other technical activities. As we know that creativity involves two stages, i.e. conceptualization and actualization. The students begin with the concept and with the end in mind. The perfect blend of vision and blueprint of desired outcome leads to successful projects.

The Open house gives an opportunity for all the students to hone their creativity and technical skill and come up with their end product as their project. This not only enhances their subject knowledge, but also their team management, stress management, and leadership qualities,

which are the essential skills of an engineer. The Open house is a program that encourages and motivates the youth and nurtures revolutionary ideas.

Every year KPRIT organizes a Project expo which provides a platform to the students to showcase their project work.

Recently in the academic year 2019-20 Prof. Rahul Pandya from NIT, Warangal and Dr. Jagadish M Rathod from BVM Engineering College, Gujarat was invited as experts to evaluate the projects in project expo. A glimpse of the photographs of the project expo is shown below.



**Student Projects:**

Students are encouraged to do projects which are useful to society. Faculty members are trained students to participate in various project expos for to explore their talent. The institute organizes project expo events, training programs, workshops, seminars so that students get acquainted with latest technology and apply them in their project work.

Identification of Best Projects:**Rubrics for Evaluation of Best Projects**

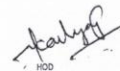
KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY										
Department of ECE										
Final Year Major Project 2018-19										
Batch No.	Roll No	Name of the Students	Title of the Project	Modern Tool Usage (5)	Application of Projects to Industrial needs & Standards (5)	Whether the Projects(5) can be converted into Products/Services in Future	Whether the project satisfies Cost, Ethical and societal factors (5)	Environment and Sustainability(5)	Total Marks(25)	Remarks
1	15RA1A0424	Ranga Swamy	Army War Field Robot	3	4	4	4	4	19	Good
	15RA1A0402	Vinay								
2	15RA1A0420	Vishal	Pick and Place Robot Vehicle using ESP8266 WiFi Module and ARDUINO	4	4	4	4	4	20	Good
	15RA1A0401	Sabith Reddy								
3	15RA1A0414	Bhagawat	Scrolling Display using Aurdino	3	3	2	3	3	14	Average
	15RA1A0426	Shruthi								
4	15RA1A0405	Manisha	Automated Railway Platform	3	3	3	3	2	14	Average
	15RA1A0425	Vikas								
	15RA1A0416	Preethika								
5	15RA1A0406	Sowmya	Movable tracking Luggage Bag System	4	3	5	4	4	20	Good
	15RA1A0421	Prasanna								
6	15RA1A0422	Rishik	IoT Enabled Electronic Mirror with Timr,News and Temperature	5	5	5	5	4	24	Best
	15RA1A0409	Sai Teja								
	15RA1A0411	Supraja								
7	15RA1A0417	Shaishav	Design of Dumb bell Shaped Microstrip Patch Antenna at C Band with DGS	5	5	4	4	5	23	Best
	15RA1A0404	Priyanaka								
8	15RA1A0412	Ajay	Health Monitoring System Using ARDUINO UNO (IoT)	5	4	5	5	4	23	Best
	15RA1A0423	Trishul								
9	15RA1A0403	Kalyani	Automatic Vehicle monitoring system using ARDUINO and GPS	5	4	4	4	4	21	Best
	15RA1A0413	Shravika								
	15RA1A0415	Nagamani								

Above 20 Marks - Best
 15-20 Marks- Good
 Below 15 Marks Average

Project Coordinator





Principal
 Kommuri Pratap Reddy Institute of Technology
 Opp. NTPC Power Grid,
 Ghanpur (M. Ghallughat (M),
 Ranga Reddy District, Pin Code: 500 086



HOD

Sample Best Projects for Academic Year 2018-19

 KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY			
Department of ECE			
Final Year Best Major Projects for A.Y. - 2018-19			
Batch No.	Roll No	Name of the Students	Title of the Project
1	15RA1A0422	Rishik	IoT Enabled Electronic Mirror with Timr,News and Temperature
	15RA1A0409	Sai Teja	
	15RA1A0411	Supraja	
2	15RA1A0417	Shaishav	Design of Dumb bell Shaped Microstrip Patch Antenna at C Band with DGS
	15RA1A0404	Priyanaka	
3	15RA1A0412	Ajay	Health Monitoring System Using ARDUINO UNO (IoT)
	15RA1A0423	Trishul	
4	15RA1A0403	Kalyani	Automatic Vehicle monitoring system using ARDUINO and GPS
	15RA1A0413	Shravika	
	15RA1A0415	Nagamani	

[Signature]
Project Coordinator

[Signature]
Principal
Kommuri Pratap Reddy Institute of Technology
Gidda (NTPC Power Gnd,
Ghanpur (V), Ghatkesar (M),
Rangia (R), Dist. West Godavari, T.S.R.

[Signature]
HOD

Papers published by Students:



IOT Enabled Electronic Mirror with Time, News and Temperature

V. Sai Rishik¹, Sai Teja², Supraja Reddy³, Vipul Dabhi⁴, Sreenath Kashyap⁵
^{1,2,3}Student, Electronics and Communication Engineering Department, Kommuri Pratap Reddy Institute of Technology, Hyderabad, Telangana, INDIA
^{4,5}Professor, Electronics and Communication Engineering Department, Kommuri Pratap Reddy Institute of Technology, Hyderabad, Telangana, INDIA
Corresponding Author: rishivastreddy98@gmail.com, sreenathkashyaps@gmail.com

ABSTRACT

This research paper describes the design, construction and working of the IOT enabled electronic mirror with Time, News and Temperature. In the coming future this type of product will play vital role in daily life. Mirror is the main and important tool used in our life. It is used regularly when we are moving away from home. This system is designed in such a way that electronic mirrors to receive news online and display it on the mirror screen along with other details including current temperature, time etc. for a futuristic and modern lifestyle. For this we introduced a special mirror, the mirror which is connected to Raspberry pi and LCD monitor, and also some mechanical corrections are made to design as Electronic mirror. The mirror stays at the front where the user can see his/her own face and at the same time the mirror displays the content like news, temperature and time. Raspberry pi is used for creating graphical user interface required for the mirror

KEYWORDS: Weather, Temperature, News, Date, Mirror, Raspberry pi, API token, Python.

Date of Submission: XX-XX-XXXX

Date of acceptance: XX-XX-XXXX

I. INTRODUCTION

The revolutionary change in the technology is rapidly increased day by day. In today's era, these technologies are also used to build automated home system like automatic door open, automatic home appliance system etc. In this paper, we have introduced IOT Enabled Electronic Mirror with news, time and temperature[1]. We can use this mirror system in our home, offices, public places etc. for utilization of the system as per requirement Using this electronic mirror one can watch himself/herself in the mirror and also watch the time ,date, news and weather update[2]. This system works on the real time. In this system, Raspberry pi is used as a key component. Raspberry pi is used for the creation of GUI which is required for the electronic mirror. The operation of electronic mirror differs from normal mirror as this will not allow the viewing from the darker side. Generally for normal mirror, there are two sides on one side one can see himself/herself and another it will be darkened one can't see himself/herself from this side. According to our requirement we have used acrylic sheet through mirror which allows discrete viewing from the darker side. By using this mirror we can watch ourselves in the mirror along with time, date, news and weather updates.

The components utilized in this system are specified earlier and using them the GUI can be created with help of Raspberry pi[3][4]. Actually the GUI is created on LCD monitor or LED monitor. With the help of the monitor and raspberry pi the GUI is created and on GUI we are displaying the date, time, weather, news updates. The contents which are required to display on the monitor is displayed on the screen of the mirror[5]. This mechanism shows the date, time, weather and news on the screen of the mirror.

Health monitoring system using Arduino Uno (IoT)

M.Ajay¹, V.Trishul², K.Shyam³

¹ Student,, Electronics and communication Engineering department, Kommuri Pratap Reddyinstitute of technology Ghatkesar, India.

² Student, Electronics and communication Engineering department, Kommuri Pratap Reddy institute of technology Ghatkesar, India.

³ Professor Electronics and communication Engineering department, Kommuri Pratap Reddy institute of technology Ghatkesar, India.

Abstract—At present the health has most importance and plays a crucial role in our day to day life. If we have proper or better health then only we can work properly. The proposal of our project is to develop a smart system (Health Monitoring System) which gives the heartbeat rate, temperature and humidity. The output of these parameters are given using heartbeat rate and DHT11 sensors. These sensors are interfaced with the controller Arduino uno board. This Arduino uno board is again interfaced with the SIM900A modem for the wireless data transmission on IoT platform i.e. cloud. The data visualization can be done using MQTT protocol mobile application. The recorded data can be stored for certain amount of time and is stored permanently in the cloud. Once it is stored in the cloud it can be accessible anytime from anywhere about patient's report whenever logged.

Keywords—Heartbeat rate sensor, DHT11 sensor, SIM900A modem, Arduino uno, IOT

I.INTRODUCTION

In the past years wireless technology has the rapid growth. It has the huge requirements in the various fields. Recently IoT came into existence and is used in many industrial areas especially in automation and control. For providing the better and good health care biomedical is one of the best industry. The IoT is not only used in industrial areas but also used in hospitals and can be used for personnel health care. By proposing this project the various parameters are observed which consumes power, cost, features, life span and efficiency. This paper is done based on the overview this smart system (Health Monitoring System).

In the present generation doctors play an crucial role in consultancy of health. For everyone to get consulted with the doctors it will takes a lots of process like getting registration, fixing of appointment and then consulting. After done with all this process the generation of reports may take time. Due to these reasons most of the people are getting ignored with the consulting or else postponing to some other time. By using our project one can get done with the health check up without any time consumption processes. By this time consumption is also reduced.

Design of Dumb-Bell Shaped Microstrip Patch Antenna at C-Band.

B. Priyanka^{#1}, P. Shaishav Kumar^{#2}, S. Sreenath Kashyap^{#3}, Vipul M Dabhi^{#4}, Ramakoteswara Rao^{#5}.
#1, Student, ECE, Kommuri Pratap Reddy Institute of Technology, 8374455230, priya.kutty.617@gmail.com
#2, Student, ECE, Kommuri Pratap Reddy Institute of Technology, 8790888451, shaishavkumar24@gmail.com
#3, Associative Professor, ECE, Kommuri Pratap Reddy Institute of Technology, 9000605634, sreenathkashyaps@gmail.com
#4, Associative Professor, ECE, Kommuri Pratap Reddy Institute of Technology, 9824798951, vipuldabhi@yahoo.co.in
#5, Scientist-F, Defence Research and Development Organization, RCI, INDIA.

Abstract: In modern era of research technology, Defected Ground Structure is an application for printed circuit boards that is Microstrip Antennas. If defects or Etched slots are observed on the ground plane of microstrip circuits then it referred to as Defected Ground Structure. DGS include both single or multiple defects on the ground plane and also DGS was reported for filters underneath the microstrip line. To achieve band-stop characteristics and suppress mutual coupling and higher mode of harmonics DGS has been placed underneath the microstrip line. In this paper work, we proposed a antenna design through which insight applications, development challenges and various electrical performance which improves the antenna bandwidth, S11 parameter, Gain, Directivity and reference impedance.

Keywords: *Microstrip antennas, Defected Ground Structure, Photonic Band gap, Electromagnetic Band gap, S₁₁ parameter (return loss), Reference Impedance, Gain, Directivity and Bandwidth.*

I. Introduction

Advance of wireless technology places a pivotal role in the advancements of science and technology. Communication is the primary interest in human beings since the aurora of cultures [1]. The futuristic era of wireless communication technologies beyond the 4th generation, 5th generation suggest that the gigahertz or Millimeter wave technology is promising and attractive for future wireless communication networks due to the requirement of large amount of bandwidth and potential multiband [2]. Both industry and academicians started exploring this portion of electromagnetic spectrum for next generation wireless communication networks. Applications in the present

day to day communication systems demand the compact, low profile, conformability antennas [3]. Defected Ground Structure are the compact geometrical slots that placed at ground plane of microwave circuits [4]. Basically, in DGS there is three chances of occurring defects that is a single, periodic and aperiodic defects comprised during slotting. Moreover, if the periodic defects and aperiodic defects are etched on the ground plane of planar microwave circuits then it is referred as Defected Ground Structure. The two band techniques that is Photonic Band Gap (PBG) and Electromagnetic Band Gap (EBG) in DGS have been reported with irregular ground planes [5].

In present wireless technology era, to enhance the parameter for simple structural design microwave component with Defected Ground Structure (DGS) has been gained popularity among all the techniques design [6]. If defects or Etched slots are observed on the ground plane of microstrip circuits then it referred to as Defected Ground Structure. Basically, DGS include both single or multiple defects on the ground plane of the planar or patch antenna. Initially DGS was reported for filters underneath the microstrip line [7]. To achieve band-stop characteristics and suppress mutual coupling and higher mode of harmonics DGS has been placed underneath the microstrip line. Now a days, the demand of DGS is extremely higher in the design of simple structural antennas. This paper work presents the evolution and development of DGS [8]. The basic working principles, concepts, and equivalent models of different shapes of DGS are presented. DGS has been used in the field of microstrip antennas for enhancing the gain of microstrip antenna, bandwidth and mutual coupling between adjacent element, to suppress the higher mode harmonics, and observe the characteristics of cross-polarization for

Principal

Kommuri Pratap Reddy Institute of Techno

Opp. NTPC Power Grid,

Ghanpur (M), Ghatkesar (M)

Ranga Reddy District Pin Code- 5007

**IJSER** Automatic Door Locking System with security using
IoT¹Mrs. M. Srilekha, Assistant Professor, Dept of ECE, KPRIT, Hyderabad, India.²Kolvapally Soumya, B.tech Student, Dept of ECE, KPRIT, Hyderabad, India.³Vanga . Laxmi Prasanna, B.tech Student, Dept of ECE, KPRIT, Hyderabad, India.¹srolekha.m@gmail.com, ²kolvapall@gmail.com, ³prasannavanga444@gmail.com

Abstract - Security is the main issue that must be addressed in the present society. With the latest developments in emerging technologies, IoT stands out to be the Cutting-Edge technology solving many security-related problems. Here is a Home security solution based on IoT, in this system we will have a wireless module which connects to the Internet and communicates with the user through the internet from anywhere in the world. The user can lock his Home's door by using a mobile phone with an app installed in it. The main objective of this paper is to embed a locking system in the door with two locking positions each individually controlled by the user using a mobile phone and intruder alert system when detected. An additional feature which gives better security option is, a user can use this system in two modes. One is connecting to the internet and the other one is Hotspot mode, where the user can connect to local hotspot created by the system and monitor the home in and around about a range of 30meter.

Index Terms -NodeMCU, ESP8266 WI-FI module, L293D driver circuit, Vibrator sensor, Relay unit

1. INTRODUCTION

IoT refers to the infrastructure of connected physical devices which is growing at a rapid rate as huge number of devices and objects are getting associated to the Internet. Home automatic door security is a very useful application of IoT and we are using it to create an inexpensive security system for homes as well as industrial use. The system will inform the owner about any unauthorized entry or

whenever the door is opened by sending a notification to the user. After the user gets the notification, he can take the necessary actions. The security system will use a microcontroller known as NodeMCU to interface between the components, a vibrator sensor to monitor the status and a WiFi module, ESP8266 to connect and communicate using the Internet. The main advantages of such a system includes the ease of setting up, lower costs and low maintenance.

2. METHODOLOGY

The basic idea behind the working of door lock with security lies in the interpretation of the data sent by the Android phone by means of the developed app. To interpret the data sent by the phone, firstly a Esp8266 WI-FI module or by using Hotspot. which is configured by default at a baud rate of 9600 is connected to the Microcontroller (i.e) NodeMCU which is also configured at the same baud rate. The data which is been received by the Esp8266 WI-FI module is then given to the NodeMCU, which understands in ASCII format, now depending upon the received set of character operations are performed whether to unlock the door or to lock it. The app is well protected by means of a password thus neglecting any fraud access to the door and is been avoided to be provoked by anonymous user and give the shocking alert by phone. This is highly useful when we are trying to automate the home. Although our Application also provides a better amount of security for the user, by means of accessing via mail and it is directly saved in IoT webpage.

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Kommuri Pratap Reddy Institute of Technology
Opp. NTPC Power Grid,
Ghanpur (V), Ghatkesar (M),
Ranga Reddy District Pin Code- 501006



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AUTOMATED RAILWAY FOOTPATH AS BRIDGE

B.Manisha¹, Y.Vikas reddy² P. Snigdha kamala³

B.Tech, Student, Department of Electronic and Communication Engineering, KPRIT, Ghatkesar,Hyderabad, India¹

B.Tech, Student, Department of Electronic and Communication Engineering, KPRIT, Ghatkesar,Hyderabad,India²

Assitant professor, Department of Electronic and Communication Engineering, KPRIT, Ghatkesar Hyderabad,
India³

ABSTRACT

The main aim of this project is to automate railway track pedestrian crossing without using staircase & announce the status of the arrival for platform users. Normally the mobile platform connects the two platforms through which the passenger can walk on the platform to reach on the next platform. Sensors are placed on the two sides of track. If the train reaches one sensor the mobile platform will automatically close and allows the train to go through the tracks and then when the train leaves the second sensor the mobile platform will automatically open the bridging platforms. The microcontroller will sense the presence of train by using infrared sensor. So on sensing the train on one path controller will give pulses to the dc motor to close the mobile platform automatically. This project is used to avoid the train collision, thus we save the valuable human lives and losses. So this project is useful for railway departments

Keywords: Mobile Platform, IR Sensors, Arduino

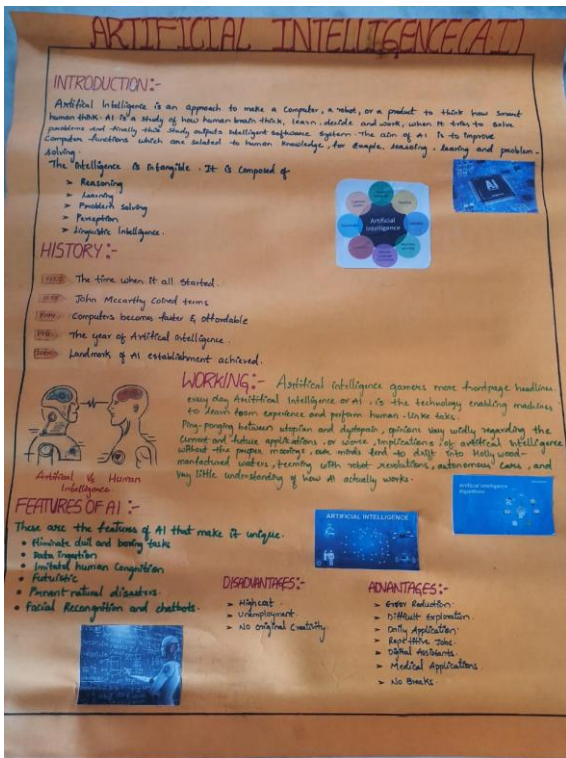
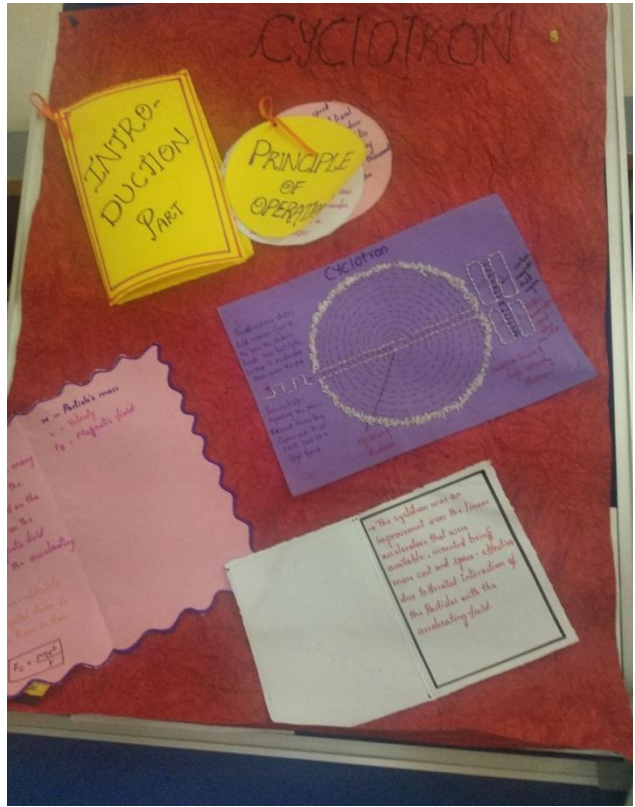
INTRODUCTION

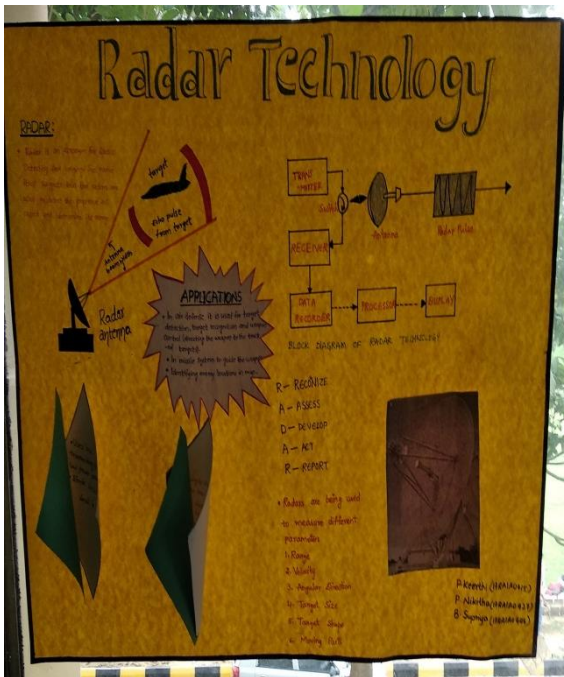
The present railway system in India is not fully automated and has manpower playing a major role. In railway stations normally we use bridges. It is very difficult for the elderly persons or handicapped persons to use the bridge. These bridges over the railroads are expensive, especially

Poster Presentation:

Poster presentations, tech fest are the regular events which are organized at KPRIT which provides a platform for the students to show case their hobby projects; improve their presentation skills, leadership qualities, team work, etc. Glimpse of Photographs of poster presentation event are as presented below.







4. Shadow Engineering:

Kommuri Pratap Reddy Institute of Technology (KPRIT) attempts to integrate classroom learning with industry exposure to ensure the application of knowledge during the course of study itself. KPRIT focuses on high quality education and research in the fields of Technology and Engineering. The objective is to prepare young students to act as leaders for the promotion of the economic and industrial growth of the country and to play a creative role in society. The 4-year course is so structured that it leads to a linear growth and progressive insight into the engineering subjects as well as training in soft skills. We focus on imparting skills on cutting - edge technologies to our students. Quality research in the areas of science and technology is given considerable importance here. Our major strength comes by forging strong industry - academic linkage.

About Shadow Engineering

KPRIT is excited to debut newest program called “Shadow Engineering”. This new Program allows prospective Engineering students to see Industry from a student's perspective and allows students with a current engineering in the multidisciplinary areas (Civil, Computer, Electrical, Mechanical, Instrumentation, Software & Hardware, or Systems Design) at the Industry and sees what Industry life is really like. Visiting students will go around the Industry, see the manufacturing processes and facilities, and most importantly, get time to talk with working Engineers about their experiences. The Shadow Program is an opportunity for budding Engineers to learn what it means to be an Engineer.

The student optimizes and co-relates his learning's in the classroom to the industry. The students will have theoretical as well as industry knowledge. Before the students visit the industry, the teachers hand over a theme sheet to each student and according to the content he has to explore the industry. It is a unique learning process coined for its students, exclusively by Kommuri Pratap Reddy Institute of Technology. Dr. D. Eshwar, Principal of the college says, "The exposure and experience the students receive is useful in their academic career and future endeavors." For example, a student who chose electric industry was asked to the employee working on a particular machine and observes his job role step by step. In addition, he also knew the working conditions, culture and difficulties of the industry, and its employees. He further adds, "This kind of exposure definitely helps the student in his academics."

By this method, a student of mechanical engineering stream will know about automation of manufacturing systems along with material handling, energy auditing and application management. Likewise, the electrical engineering student will know induction machines and other important tools of the industry.

The students with the guidance of the lecturer, follow the tasks done by the technician of the industry, watch and clarify about the functions of that particular machine, and elicit more information from lecturer and technician. This kind of exposure helps the student to be adept with functions of the industry and familiar before he starts his career. The interaction between the student and employee helps the student to know more about the industry. The academic knowledge helps the student to acquire some basic knowledge about the industry, but by Shadow Engineering, the student is exposed to more information and knowledge not only in that particular field or function but in multidisciplinary areas. This concept of Shadow Engineering is gaining the real knowledge through his own perception because it matures them to withstand various challenges in life and career. By allowing the students to participate in this program, helps them to know the industry culture better and injects confidence to be challenging in all walks of life.

Objectives

- To see Industry from student perspective
- Student trained on current Engineering Practices in the multidisciplinary areas at the Industry
- Understand what Industry work culture

- To Expose the Faculty and students to Engineering experience and knowledge which required in industry, where these are not taught in lecture's room
- To get a feel of the work environment
- To expose the students to the Engineer responsibilities and ethics
- Systematic induction to the Industry

Key Benefits

- Students understand what practical skills required for an Engineer
- Students are trained in Industry in respective disciplines in every academic year
- This Program reduces the gap between Industry expectations and academics
- Make student Industry ready
- Able to Map the Acquired practical knowledge onto the academic syllabus.

Department of Civil Engineering

Industry: GHMC Sewage Treatment Plant, Hyderabad

**Faculty Visited:**

1. Shravan Kumar
2. Harish Reddy

Theme:

The main aim of visiting the GHMC Sewage Treatment Plant is to expose the Faculty and budding Engineers to Engineering experience and knowledge which required in fields of clean and green environmental issues. They learn the points which are not taught in regular curriculum. Students are trained and they are able to Map the Acquired practical knowledge onto the academic syllabus.

Learning points by Faculty & Students

1. Manufacturing process
2. Material handling Equipment
3. Design of Plant Elements (RCC & Steel)
4. Environmental Impact & Assessment

Department of Mechanical Engineering

Industry: Heavy Machine Tools (HMT), Balanagar, Hyderabad



Faculty Visited:

1. K V S Phani
2. K Madan Mohan

Theme:

- Student trained on current Engineering Practices in the multidisciplinary areas at the Industry
- Understand what Industry work culture
- Students gain hands on exposure to various processes of Industry which includes manufacturing, Quality, design, R&D and Project Planning and Execution

Learning points by Faculty & Students

1. Primary & Secondary Crushers
2. Rotary Kiln
3. Rotary Ball Mill
4. Packaging Section

5. Stores Section

Department of Electronics and Communication Engineering

Industry: Central Power Research Institute, Hyderabad.



Faculty Visited:

1. Shaik Imam Vali
2. V Murali Krishna

Theme:

CPRI is the power house of the Indian Electrical industry, setup in 1960 by the Government of India. It functions as an applied research in Electrical Power Engineering, assisting the Electrical Industry in product development and quality assurance. Students were taken to CPRI campus to learn about the high power application and testing equipment utilized for them.

Learning points by Faculty & Students

- Measuring instruments testing division and observed heat run test (Temperature rise test).
- Bus bars, transformers, protecting devices, monitoring of temperature rise.
- Short circuit test division where there was a live demonstration of short circuit test on vacuum circuit breakers

- Short circuit curve and recording of curve.
- High voltage Laboratory- impulse generator, cascading of transformers to generate High AC voltages.
- Corona, lightning and flashover test on transmission line
- The High Voltage lab setup was very huge and rated up to 3200KV
- High power lab and control room simulation.

REPORT

INDUSTRY: Central Power Research Institute, Hyderabad

ORGANISED BY: ECE Department

DATE & TIME: 22/02/2019, 10:30 AM

An industry visit to Central Power Research Institute (CPRI) located at Bangalore has been organized students of ECE Department. 50 students of ECE Department and two staff coordinators visited CPRI on 22/02/2019. CPRI is the power house of the Indian Electrical industry, setup in 1960 by the Government of India. It functions as an applied research in electrical Power Engineering, assisting the Electrical Industry in product development and quality assurance. Students were taken to CPRI campus at 10:30 AM. Students were taken to various departments of CPRI and given knowledge about the testing equipment and shown some testing demonstration.



Students visited measuring instruments testing division and observed heat run test

(Temperature rise test). The Head of the Heat run Laboratory addressed the students and explained about the functioning of this unit. Students were also shown bus bars, transformers, protecting devices, monitoring of temperature rise. Later the students were taken to short circuit test division where there was a live demonstration of short circuit test on vacuum circuit breakers and explained short circuit curve, how it is recorded. Later students visited cables laboratory and just had an overview of it. This session was concluded with lunch at CPRI canteen.



After lunch, students visited High Voltage Laboratory, where they were shown impulse generator, cascading of transformers to generate High AC voltages. Technical depute explained about corona, lightning and flashover test on transmission line very well. The High Voltage lab setup was very huge and rated up to 3200KV. Students were very excited to see such a huge HV laboratory.

Students also visited High power lab and shown the control room simulation. They were shown testing area of High power Equipment's, capacitor banks, inductor banks and some images related to High Power Testing.

Later students visited Impulse current Laboratory where they were explained about Impulse current generator of capacity 100KV, 150KJ. They were explained about necessity of Testing Arrester Blocks, Types of arrester used in the modern days, about residual voltage tests, Operating duty tests and power frequency voltage vs time curve in detail. Students interacted with the staff at CPRI and expressed their thanks to the officials for the

opportunity given.



This industrial visit was highly useful for the students in terms of practical knowledge about the power system. This trip will also be helpful for them to find placement opportunities in such industries.

Prof. Shaik Imam Vali, Assistant Professor, ECE Department and Prof. V Murali Krishna, Assistant Professor, ECE department have accompanied us during this visit.

Prepared by:

Prasad Reddy

17RA1A0429

ECE Department

Internships:

Students are going for internship in various industries during their vacation break. Following table gives the actual data of the students who got internship. Students are asked to prepare report and also industrial experts are accessing students' performance.

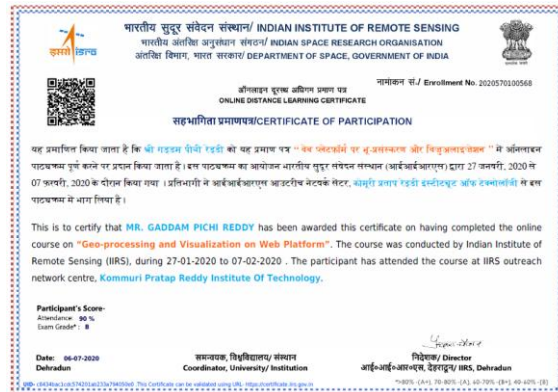
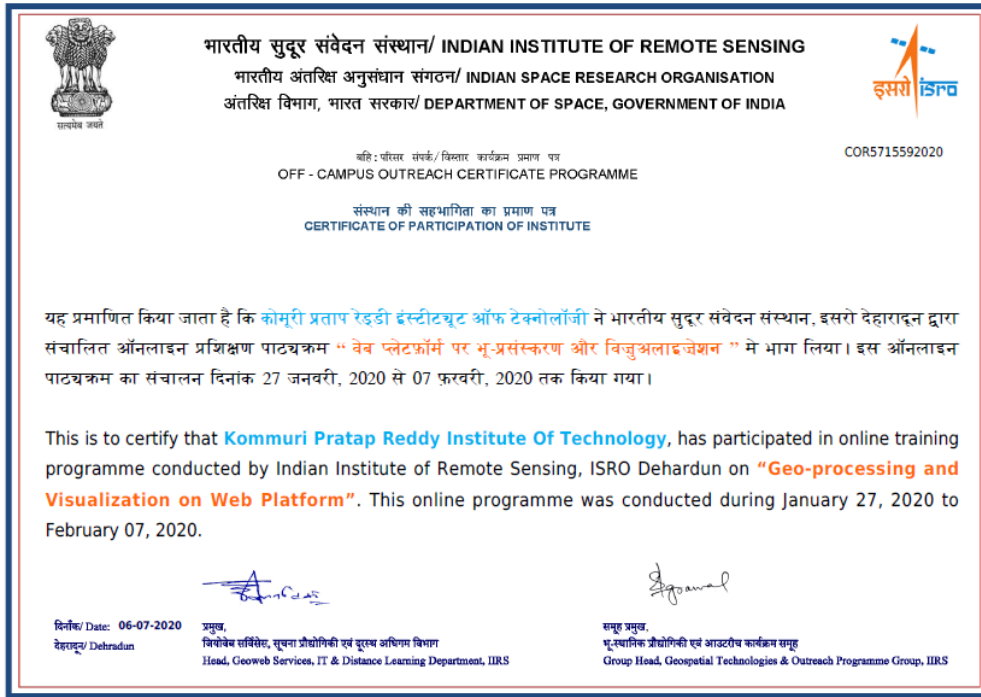
Sr. No	Year	
1	2015-16	141
2	2016-17	125
3	2017-18	116
4	2018-19	148
5	2019-20	187

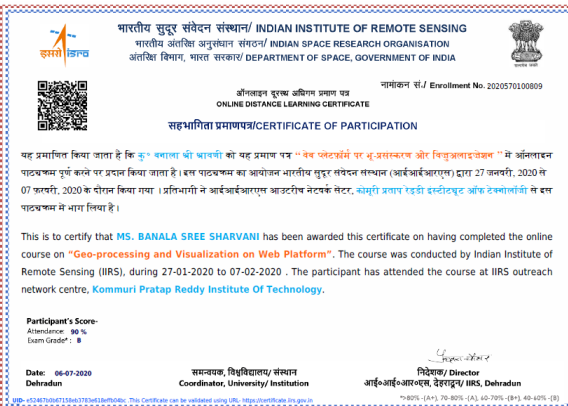
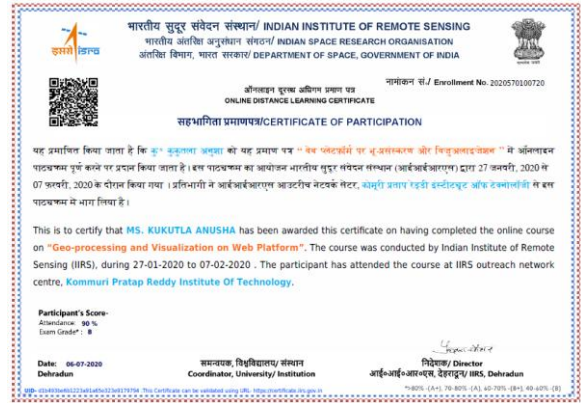
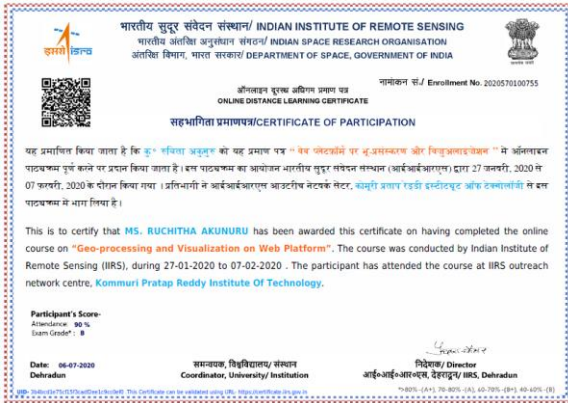
Value Added Courses for students:
IIRS ISRO Outreach Program:

IIRS outreach program focuses on strengthening the academia and user segments in space technology and its applications using online learning platform. Two mode of content delivery system is developed using online learning platform. i.e. Live and Interactive mode(EDUSAT) and e-learning mode.

Kommuri Pratap Reddy Institute of Technology (KPRIT) took initiative in e-learning environment and become IIRS-ISRO Outreach Program Remote Center. Students and faculty members can take part in various programs offered by IIRS-ISRO of space technology.

Congratulations to all participants who have actively cleared all the requirements and received certificate of participation from IIRS-ISRO.





COURSERA:

KPRIT proudly presents its association with Coursera which is a leading certification course platform for various courses offered by reputed Universities to make studying more fun and interactive during these challenging times. Coursera, one of the most globally recognized online learning platforms developed, enables students to develop skills of their choice and liking anywhere, anytime by offering a wide array of subjects and lessons with a valued certification on completion of every course. Absolutely free of charge for the students of KPRIT, some of the courses taken by them are Programming for Everybody (Getting Started with Python), AI for Everyone, Python Data Structures, Using Python to Access Web Data, Machine Learning for All, Introduction to Electronics, CAD and design Manufacturing for Mechanical Engineers with Autodesk Fusion 360, Autodesk Certified Professional Civil 3D for Infrastructure Design Exam Prep.

UNIVERSITY OF MICHIGAN

04/12/2020

shabari Bobba

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera

Signature

PROFESSOR JOHN DOE

COURSE CERTIFICATE



UNIVERSITY OF MICHIGAN

04/12/2020

cherukuri pranavi

has successfully completed

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Clinical Professor, School of Information,
University of Michigan

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04/14/2020

VENKATESH KOLLURU

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Colleen van Lent
Colleen van Lent, Ph.D.
Lecturer,
School of Information, University of Michigan

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Charles Severance
Clinical Professor, School of Information,
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KATIGA SNEHA

has successfully completed

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Adjunct Professor Andrew Ng,
Computer Science Department,
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JONNALAGADDA SRI CHARAN KUMAR

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04/12/2020

Pruthviraj Vadla

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Colleen van Lent
Colleen van Lent, Ph.D.
Lecturer,
School of Information, University of Michigan

Signature
Charles Severance
Clinical Professor, School of Information,
University of Michigan

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  <p>04/13/2020 Dinesh Thatikonda has successfully completed the online, non-credit Specialization Python for Everybody This Specialization builds on the success of the Python for Everybody course and will introduce fundamental programming concepts including data structures, networked application program interfaces, and databases, using the Python programming language. In the Capstone Project, you'll use the technologies learned throughout the Specialization to design and create your own applications for data retrieval, processing, and visualization.</p> <p>Dr. Charles Severance Clinical Associate Professor, School of Information, University of Michigan</p> <p>Verify this certificate at: coursera.org/verify/specialization/70RPH4Z0P94</p>	  <p>04/11/2020 Pavithra Agraharam has successfully completed the online, non-credit Specialization Web Design for Everybody: Basics of Web Development & Coding This Specialization covers how to write syntactically correct HTML5 and CSS3, and how to create interactive web experiences with JavaScript. Mastering this range of technologies will allow you to develop high quality web sites that work seamlessly on mobile, tablet, and large screen browsers accessible. During the capstone you will develop a professional-quality web portfolio demonstrating your growth as a web developer and your knowledge of accessible web design. This will include your ability to design and implement a responsive site that utilizes tools to create a site that is accessible to a wide audience, including those with visual, aural, physical, and cognitive impairments.</p> <p>Chloe van Lee College-in-Lect, Ph.D. Lecturer, School of Information, University of Michigan</p> <p>Verify this certificate at: coursera.org/verify/specialization/22588E86M92</p>
 <p>04/12/2020 BHAVANI GALI has successfully completed SQL for Data Science an online non-credit course authorized by University of California, Davis and offered through Coursera</p> <p>Dr. Jeffrey L. Leventhal All-Source Consultant for Accessible Applied Intelligence, Director of Master in Data (MID) Institute, University of California, Davis Extension</p> <p>Verify at coursera.org/verify/EMAN189kVYZ2 Coursera has confirmed the identity of this individual and their participation in the course.</p>	 <p>04/29/2020 SRIRAM KAUSHIK has successfully completed Introduction to Web Development an online non-credit course authorized by University of California, Davis and offered through Coursera</p> <p>David Barlett Web Development Instructor, UC Davis Division of Continuing and Professional Education</p> <p>Verify at coursera.org/verify/FRY37V58FW1s Coursera has confirmed the identity of this individual and their participation in the course.</p>
 <p>04/18/2020 GORRE PAVANKUMAR has successfully completed Introduction to Electronics an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera</p> <p>Professor Bonnie H. Feroz School of Electrical and Computer Engineering, Georgia Institute of Technology</p> <p>Dr. Allen Robinson School of Electrical and Computer Engineering, Georgia Institute of Technology</p> <p>Verify at coursera.org/verify/CYVWF3L54R2 Coursera has confirmed the identity of this individual and their participation in the course.</p>	 <p>05/29/2020 Nithin Gattoji has successfully completed Introduction and Programming with IoT Boards an online non-credit course authorized by Pohang University of Science and Technology and offered through Coursera</p> <p>Professor, Dept. of Computer Science and Engineering, Pohang Institute of Information Technology, Pohang University of Science and Technology, Republic of Korea</p> <p>Verify at coursera.org/verify/8E80QW6W94s Coursera has confirmed the identity of this individual and their participation in the course.</p>
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Dr. Marco Ottavio
Computing Department,
Goldsmiths, University of London



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has successfully completed
Generative Design for Additive Manufacturing
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Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.



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COURSE CERTIFICATE

04/19/2020

Sai Kalyan Devarakonda
has successfully completed
Autodesk Certified Professional: Civil 3D for Infrastructure Design Exam Prep
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Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.




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Vishal Sachdev
Clinical Associate Professor
Director - Illinois Materials
Civil College of Business




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COURSE CERTIFICATE

04/20/2020

















KUDUKUNTLA RAVI SAGAR
has successfully completed
Autodesk Fusion 360 Integrated CAD/CAM/CAE
an online non-credit course authorized by Autodesk and offered through Coursera



Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.



Verify at coursera.org/verify/W6DQ8A7Y8s
Coursera has confirmed the identity of this individual and their participation in the course.

 <p>AUTODESK</p> <p>06/12/2020</p> <p>Gattem Sai Subhash has successfully completed</p> <p>CAM and Design Manufacturing for Mechanical Engineers with Autodesk Fusion 360 an online non-credit course authorized by Autodesk and offered through Coursera</p>  <p>Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.</p> <p>Verify at coursera.org/verify/E33AEVY9W4W Coursera has confirmed the identity of this individual and their participation in the course.</p>	 <p>AUTODESK</p> <p>04/07/2020</p> <p>Jasti Akhil Kumar has successfully completed</p> <p>Manufacturing Process with Autodesk Fusion 360 an online non-credit course authorized by Autodesk and offered through Coursera</p>  <p>Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.</p> <p>Verify at coursera.org/verify/07T0Q9j9P9P Coursera has confirmed the identity of this individual and their participation in the course.</p>
 <p>AUTODESK</p> <p>06/28/2020</p> <p>Chintha Krishnakanth has successfully completed</p> <p>Intro to Digital Manufacturing with Autodesk Fusion 360 an online non-credit course authorized by Autodesk and offered through Coursera</p>  <p>Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.</p> <p>Verify at coursera.org/verify/TREQ9E9FMSA Coursera has confirmed the identity of this individual and their participation in the course.</p>	 <p>AUTODESK</p> <p>04/15/2020</p> <p>Shaik Imran has successfully completed</p> <p>Modeling and Design for Mechanical Engineers with Autodesk Fusion 360 an online non-credit course authorized by Autodesk and offered through Coursera</p>  <p>Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.</p> <p>Verify at coursera.org/verify/7P0DE8Y20Yg Coursera has confirmed the identity of this individual and their participation in the course.</p>
 <p>AUTODESK</p> <p>06/11/2020</p> <p>N S N Muneshwar Tekur has successfully completed</p> <p>Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360 an online non-credit course authorized by Autodesk and offered through Coursera</p>  <p>Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.</p> <p>Verify at coursera.org/verify/HT4qQ5E8A7A Coursera has confirmed the identity of this individual and their participation in the course.</p>	 <p>SUNY The State University of New York</p> <p>04/02/2020</p> <p>SOLKAMPALLY BHADRA RAMESH CHARY has successfully completed</p> <p>Electric Power Systems an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera</p>  <p>Shaoh Gong, Professor Engineering Technology Buffalo State College</p> <p>Verify at coursera.org/verify/3k4RF0GEEF7d Coursera has confirmed the identity of this individual and their participation in the course.</p>
 <p>AUTODESK</p> <p>06/29/2020</p> <p>Rajoju rohith has successfully completed</p> <p>Autodesk Fusion 360 Integrated CAD/CAM/CAE an online non-credit course authorized by Autodesk and offered through Coursera</p>  <p>Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.</p> <p>Verify at coursera.org/verify/08NEQYJFRT8 Coursera has confirmed the identity of this individual and their participation in the course.</p>	 <p>Georgia Institute of Technology</p> <p>04/15/2020</p> <p>Arvind Sanala has successfully completed</p> <p>Speak English Professionally: In Person, Online & On the Phone an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera</p>  <p>Anvita S. Shrivastava Lecturer ET Language Institute</p> <p>Verify at coursera.org/verify/0HT7L6Q5W0B2 Coursera has confirmed the identity of this individual and their participation in the course.</p>

Texas Program

Students of KPRIT are encouraged to take part in various industrial online contest programs and awarded certificates for those programs. In Online contest of Texas Instruments were organized and students actively participated in different subjects contest and successfully completed the program.

Sr. No	Year	No. of students participated
1	2017-18	45
2	2018-19	129









Student Activities:

KPRIT conducts a number of student support activities such as academic, co-curricular and extracurricular activities for academic excellence to ensure students' progression to higher

education and employment. The institution provides support to students to appear for competitive exams such as GATE, GRE and GMAT, etc. by providing guidance. They are also encouraged, motivated personally and academically counseled. Soft skills training and advanced communication skills training is offered to the students so that they become strong professionally. Pre-placement training which includes technical, aptitude, group discussion, and interview skills are conducted every year with reputed training agencies to enhance the competency of the students.

Capacity building and skills enhancement initiatives taken by the institution:

Institute has initiated various skills program for the development of overall growth of students. Following are the skills program organized by KPRIT for the capacity building and skills enhancement.

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

The

KPRIT initiate, plan and supervised different activities which are essential to maintain and improve the quality of education. Various professional development activities such as certification programs, training programs, conferences, FDPs, workshops are conducted. The Add on/Certificate programs develop the students to keep them updated on the latest trends and improve their technical skills further. To enrich the technical knowledge of the students apart from the curriculum, 157 certification courses and programs are conducted in the institution.

Some of the courses are listed below.

- ❖ CoreJAVA
- ❖ C andC++
- ❖ PythonProgramming
- ❖ AutoCAD
- ❖ SCADA
- ❖ HVAC
- ❖ R Programming
- ❖ 3D CAD Applications
- ❖ CATIA V5

- ❖ Engineering Project Management
- ❖ Skill Development Program on Machine Learning
- ❖ Embedded Systems & Design
- ❖ Big Data & Android - Technical Training
- ❖ Smart Energy Management System
- ❖ Web Designing
- ❖ Digital Protection of Power System
- ❖ Electric Drives
- ❖ Grid Integration Issues of RES
- ❖ Industrial Automation
- ❖ ETAB Software
- ❖ Building Information Modeling

Number of capability enhancement scheme are implemented which are useful to attend placement interviews for the students career and getting job easily. Some of the competitive examinations courses are listed in the table below

A.Y 2019-20

Sr. No.	Name of the Activity	No. of Students Benefitted
1	Mock Interview	148
2	How to develop Interpersonal skills	237
3	How to enhance professional communication skills	203
4	Group discussion	126
5	Instant Talk	120
6	International Yoga day	498
7	Aspiring Minds	250
8	SCADA	97
9	Java Training	109
10	Geo processing & Visualization on web platform	66
11	IIT Bombay Spoken Tutorials	180
12	Seminar-Types of mental health disorders	110
13	Design of steel structure	95

A.Y 2018-19

Sr. No.	Name of the Activity	No. of Students Benefitted
1	Soft skills Program-JNTUH under TEQUIP	81
2	Guest Lecture on Leadership Quality	105
3	Seminar on Awareness regarding various Skill Development Courses for Engineering Graduates	128
4	Seminar on Personality development and time	142

	management	
5	Language Lab (Oral Communication)	110
6	Language Lab (Synonyms and Antonyms)	108
7	Memory Techniques	85
8	Workshop on Creative Mind Power	103
9	Yoga and Meditation	425
10	Texas Instruments University program on "Analog,MSP430,DSP"	98
11	Website Design	100
12	Language Lab(Idioms, Phrases)	105

A.Y 2017-18

Sr. No.	Name of the Activity	No. of Students Benefitted
1	Awareness on Goal setting how to build career	106
2	Seminar on how to Learn and perform in a team	86
3	Language Lab(Usage of Phrases and Sentence Making)	75
4	Language Lab(Letter Writing)	109
5	Language lab(Essay writing)	85
6	Seminar on Stress Management	102
7	International Yoga Day	349
8	Webinar on VLSI	62
9	AutoCAD Training	65

A.Y 2016-17

Sr. No.	Name of the Activity	No. of Students Benefitted
1	How to train yourself to be an Engineer	118
2	Language Lab (Oral Communication)	92
3	Language Lab (Word Puzzles)	83
4	How to improve immunity by taking Nutrition food	198
5	Yoga Day	353
6	Webinar on MATLAB	35
7	Seminar on software Testing	40

A.Y 2015-16

Sr. No.	Name of the Activity	No. of Students Benefitted
1	Seminar on Resume writing	106
2	Language Lab(Usage of Phrases and Sentence Making)	97
3	Language Lab(Debate)	100
4	Basic Mathematics	52
5	International Yoga Day	282
6	Global Hand Hygiene Day	50

Programs for Career Development

KPRIT does not focus on student's academic excellence alone but remain committed to participant's growth and development in terms of current industry practices and market demands. In response to such approach, college has introduced following courses for B. Tech students as per their interest and career aspirations:

Sr. No	Year	No. of Certificates Programs
1	2015-16	19
2	2016-17	23
3	2017-18	30
4	2018-19	40
5	2019-20	45

2019-20

S.No	Title of Course	Course Code	Course		No. of Participants
			Duration	Hours	
1	Training Program on "AUTOCAD"	AUTO_ME	22 Jul 2019 -31 Aug 2019	36	22
2	Training Program on "CATIA V5"	CAT_ME	16 Sep 2019 - 26 Oct 2019	36	23
3	Training Program on "Industrial Automation".	IAT_ME	16 Dec 2019 - 25 Jan 2020	36	24
4	Training Program on "ANSYS"	ANS_ME	03 Feb 2020 -14 Mar 2020	36	52
5	Training Program on "HVAC"	HVAC_ME	16 Mar 2020 -7 Apr 2020	30	71
6	Smart Energy Management System	SEMS_EEE	05 Aug 2019 -23 Sep 2019	42	52
7	Grid Integration Issues of RES	RES_EEE	17 Sep 2019 -08 Nov 2019	58	61
8	Grid Fed LED Drives	GFLD_EEE	28 Oct 2019 -17 Dec 2019	58	59
9	Digital Protection of Power System	DPP_EEE	03 Dec 2019 -20 Jan 2020	48	65
10	Power Electronics & Electronics Drives	PEE_EEE	13 Jan 2020 -25 Feb 2020	52	53
11	Embedded systems & Design	ESD_EEE	17 Feb 2020 -01 Apr 2020	58	50
12	Power System Operation and Control	PSO_EEE	12 Mar 2020 -05 May 2020	48	52
13	HVDC & Facts Transmission System	HVDC_EEE	03 Apr 2020-15 May 2020	48	45

14	Electric Drives	ED_EEE	16 Sep 2019 -1 Nov 2019	52	56
15	PWM Techniques in Inverter	PWM_EEE	16 Sep 2019 -1 Nov 2019	48	57
16	Applications of Control System Engineering using	ACS_EEE	16 Sep 2019 - 1 Nov 2019	52	61
17	Technical Training - Android	ANDR_CSE	2 July 2019-31 Aug 2019	48	111
18	Technical Training - BIG DATA	BIGD_CSE	2 Sep 2019 -20 Oct 2019	36	123
19	Skill Development Programme on Machine Learning	ML_CSE	21 Oct 2019-30 Nov 2019	42	115
20	Technical Training - Python	TPY_CSE	2 Dec 2019 -31 Jan 2020	58	181
21	Technical Training MS - OFFICE	TTMS_CSE	1 Feb 2020 -30 Mar 2020	48	170
22	R Programming	TTR_CSE	1 Feb 2020 -30 Mar 2020	42	190
23	Web designing using HTML,PHP,MYSQL	WD_CSE	1 Apr 2020-1 Jun 2020	58	190
24	Advances in CAE/CFD Simulation techniques	CFD_CIVIL	20 Feb 2020 -30 Mar 2020	42	72
25	Introduction to ETAB Software	ETAB_CIVIL	20 Feb 2020 -30 Mar 2020	42	71
26	3D CAD Applications	3D CAD_CIVIL	L2 Apr 2020 -15 May 2020	42	61
27	Autodesk certified Staad Pro	ASP_CIVIL	2 Apr 2020 -15 May 2020	42	66
28	Engineering Project Management	EPM_CIVIL	1 Apr 2020 -15 May 2020	42	40
29	Introduction to RCC	RCC_CIVIL	23 Sep 2019 -7 Nov 2019	42	38
30	Staad Pro software for designing	STAAD_CIVIL	2 Apr 2020 -15 May 2020	42	62
31	Primavera for construction and management	PRIMA_CIVIL	2 Jan 2020-15 Feb 2020	42	45
32	New Construction Materials & Techniques	CMT_CIVIL	2 July 2019-20 Aug 2019	42	47
33	Auto Desk Certified Revit Architecture	REVIT_CIVIL	21 Aug 2019 -20 Sep 2019	42	44
34	Autodesk certified Planning and designing of commercial and residential building	AUTO_CIVIL	21 Sep 2019-31 Oct 2019	42	45
35	Building Information Modeling	BIM_CIVIL	2 APR 2020 -15 May 2020	42	40
36	Survey Camp Using Total Station	TS_CIVIL	2 Nov 2019 -31 Dec 2020	36	66

37	ANSYS software for designing and analyzing	ANSYS_CI_VIL	2 Nov 2020 -31 Dec 2020	36	71
38	Image processing applications to biomedical signals	BIP ECE	11 Mar 2019 -23 Apr 2019	36	55
39	Training program on Embedded Systems	ES ECE	12 Aug 2019 -23 Sep 2019	36	30
40	Training on Applications of DSP/DIP using lab view.	DSIP ECE	23 Sep 2019 - 07 Nov 2019	36	30
41	Work shop on PCB Design and Soldering Process	PCB ECE	6 Mar 2020 -10 April 2020	36	31
42	Training program on VLSI Design	VLSI_ECE	25 Aug 2019 -30 Nov2019	58	40
43	Work shop on Antennas and Wave Propagation	AWP_ECE	25 Aug 2019 -30 Nov2019	50	39
44	Training program on Photo Voltaic Solar Energy	PVSE_ECE	2 Nov 2019 -31 Dec 2019	55	66
45	Training program on applications of digital communication in present era	DC_ECE	3 Oct 2019 -30 Nov2019	56	71

2018-19

S.No	Title of Course	Course Code	Course		No. of Participants
			Duration	Hours	
1	Training Program on "AUTOCAD"	AUTO_ME	16 Jul 2018 -25 Aug 2018	36	22
2	Training Program on "CATIA V5"	CAT_ME	10 Sep 2018 -27 Oct 2018	36	21
3	Training Program on "Industrial Automation".	IAT_ME	07 Jan 2019 -23 Feb 2019	36	26
4	Training Program on "ANSYS".	ANS_ME	11 Mar 2019 -20 Apr 2019	36	44
5	Power Electronics & Electronics Drives	PEE_EEE	06 Aug 2018 -21 Sep 2018	52	55
6	Embedded systems & Design	ESD_EEE	24 Sep 2018 -16 Nov 2018	58	54
7	Power System Operation and Control	PSO_EEE	05 Nov 2018 -29 Dec 2018	48	52
8	HVDC & Facts Transmission System	HVDC_EEE	01 Dec 2018 -29 Jan 2019	48	49
9	Electric Drives	ED_EEE	16Jan 2019 -16 Mar 2019	52	50
10	PWM Techniques in Inverter	PWM_EEE	22 Jan 2019 -08 Mar 2019	48	42
11	Applications of Control System Engineering using MATLAB	ACS_EEE	01 Mar 2019 - 12 Apr 2019	52	50
12	Smart Energy Management System	SEMS_EEE	28 Mar 2019 -15 May 2019	42	49
13	Grid Integration Issues of RES	RES_EEE	16 Sep 2018 -1 Nov	58	56

			2018		
14	Grid Fed LED Drives	GFLD_EEE	16 Sep 2018 -1 Nov 2018	58	58
15	Digital Protection of Power System	DPP_EEE	16 Sep 2018 -1 Feb 2018	42	54
16	R Programming	TTR_CSE	16 Sep2018 -1 Nov2018	42	122
17	Skill Development Programmed on Machine Learning	ML_CSE	16 Aug 2018 -1 Feb 2018	42	110
18	Technical Training - Python	TPY_CSE	17 Sep 2018 -27 Oct 2018	58	143
19	Technical Training MS - OFFICE	TTMS_CSE	29 Oct 2018 -10 Dec 2018	48	170
20	web designing using HTML,PHP,MYSQL	WD_CSE	3 Dec 2018 -18 Jan 2019	58	206
21	Staad Pro software for designing	STAAD_CIVIL	21 Jan 2019 -9 Mar 2019	42	30
22	Advances in CAE/CFD Simulation techniques	CFD_CIVIL	2 Feb 2019 -5 Mar 2019	42	35
23	Introduction to ETAB Software	ETAB_CIVIL	2 Feb 2019 -5 Mar 2019	42	33
24	3D CAD Applications	3D CAD_CIVIL	2 Feb 2019 -5 Mar 2019	45	38
25	Primavera for construction and management	PRIMA_CIVIL	1 Apr 2019 -15 May 2019	48	42
26	New Construction Materials & Techniques	CMT_CIVIL	1 Apr 2019 -15 May 2019	42	45
27	Auto Desk Certified Revit Architecture	REVIT_CIVIL	2 Apr 2019 -15 May 2019	48	50
28	Autodesk certified Planning and designing of commercial and residential building	AUTO_CIVIL	2 Jan 2019 -30 Mar 2019	48	45
29	Building Information Modeling	BIM_CIVIL	2 Jan 2019 -30 Mar 2019	50	67
30	Survey Camp Using Total Station	TS_CIVIL	3 Oct 2018 -30 Nov2019	52	54
31	ANSYS software for designing and analyzing	ANSYS_CIVIL	3 Oct 2018 -30 Nov 2019	42	42
32	Autodesk certified Staad Pro	ASP_CIVIL	29 Oct 2018 -10 Dec 2018	42	48
33	Training on Applications of DSP/DIP using lab view.	DSIP_ECE	3 Dec 2018 -18 Jan 2019	36	40
34	Work shop on PCB Design and Soldering Process	PCB_ECE	21 Jan 2019 -9 Mar 2019	36	39
35	Training on Application of Microwaves	MWE_ECE	2 Feb 2019 -5 Mar 2019	36	41
36	Training program on VLSI Design	VLSI_ECE	25 Aug 2018 -30 Nov2018	58	45

37	Image processing applications to biomedical signals	IPABS_ECE	3 Oct 2018 -30 Nov2018	50	67
38	Work shop on Antennas and Wave Propagation	AWP_ECE	25 Aug 2018 -30 Nov2018	50	54
39	Training program on Photo Voltaic Solar Energy	PVSE_ECE	2 Nov 2018 -31 Dec 2018	55	32
40	Training program on applications of digital communication in present era	DC_ECE	3 Oct 2018 -30 Nov2018	56	35

2017-18

S.No	Title of Course	Course Code	Course		No. of Participants
			Duration	Hours	
1	Training Program on "AUTOCAD"	AUTO_ME	17 Jul 2017 -28 Aug 2017	36	21
2	Training Program on "CATIA V5"	CAT_ME	11 Sep 2017 -28 Oct 2017	36	20
3	Training Program on "Industrial Automation".	IAT_ME	12 Feb 2018 -31 Mar 2018	36	24
4	Power System Operation and Control	PSO_EEE	17 Jul 2017 -30 Aug 2017	48	71
5	HVDC & Facts Transmission System	HVDC_EEE	21 Aug 2017 -14 Oct 2017	48	42
6	Electric Drives	ED_EEE	23 Sep 2017 -10 Nov 2017	52	42
7	PWM Techniques in Inverter	PWM_EEE	28 Oct 2017 -8 Dec 2017	48	42
8	Applications of Control System Engineering using MATLAB	ACS_EEE	11 Dec 2017 -08 Feb 2018	52	51
9	Smart Energy Management System	SEMS_EEE	25 Aug 2017 -30 Nov2017	42	47
10	Grid Integration Issues of RES	RES_EEE	2 Nov 2017 -31 Dec 2017	58	58
11	Grid Fed LED Drives	GFLD_EEE	25 Aug 2017 -30 Nov2017	58	52
12	Digital Protection of Power System	DPP_EEE	2 Nov 2017 -31 Dec 2017	48	37
13	Web designing using HTML,PHP,MYSQL	WD_CSE	2 Nov 2017 -21 Dec 2017	58	93
14	Skill Development Programme on Machine Learning	ML_CSE	18 Dec 2017 -6 Feb 2018	42	97
15	Technical Training - Python	TPY_CSE	5 Feb 2018 -26 Mar 2018	58	156
16	Technical Training MS - OFFICE	TTMS_CSE	27 Mar 2018 -14 May 2018	48	154
17	Autodesk certified Planning and designing of commercial and residential building	AUTO_CIVIL	3 Jan 2018 -1 Mar 2018	42	44

18	Building Information Modeling	BIM_CIVIL	3 Jan 2018 -1 Mar 2018	42	42
19	Survey Camp Using Total Station	TS_CIVIL	2 Nov 2017 -10 Feb 2017	42	52
20	ANSYS software for designing and analyzing	ANSYS_CIVIL	1 Apr 2018 -15 May 2018	42	36
21	Autodesk certified Staad Pro	ASP_CIVIL	28 Oct 2017 -8 Dec 2017	42	57
22	Advances in CAE/CFD Simulation techniques	CFD_CIVIL	11 Dec 2017 -08 Feb 2018	46	65
23	Introduction to ETAB Software	ETAB_CIVIL	25 Aug 2017 -30 Nov2017	46	3
24	3D CAD Applications	3D CAD_CIVIL	2 Nov 2017 -31 Dec 2017	48	9
25	Work shop on Antennas and Wave Propagation	AWP_ECE	25 Aug 2017 -30 Nov2017	50	8
26	Training program on Photo Voltaic Solar Energy	PVSE_ECE	2 Nov 2017 -31 Dec 2017	55	3
27	Training program on VLSI Design	VLSI_ECE	25 Aug 2017 -30 Nov2017	58	6
28	Image processing applications to biomedical signals	IPABS_ECE	3 Oct 2017 -30 Nov2017	50	4
29	Training program on applications of digital communication in present era	DC_ECE	3 Oct 2017 -30 Nov2017	56	6
30	R Programming	TTR_CSE	06 Feb 2018 -07 April 2018	42	7

2016-17

S.No	Title of Course	Course Code	Course		No. of Participants
			Duration	Hours	
1	Training Program on "AUTOCAD"	AUTO_ME	27 Jun 2016 -06 Aug 2016	36	27
2	Training Program on "CATIA V5"	CAT_ME	22Aug 2016 -01 Oct 2016	36	25
3	Training Program on "Industrial Automation".	IAT_ME	20 Feb 2017 -8 Apr 2017	36	26
4	Electric Drives	PWD_EEE	25 Aug 2016 -07 Oct 2016	42	22
5	PWM Techniques in Inverter	PWM_EEE	10 Oct 2016 -26 Nov2016	42	42
6	Applications of Control System Engineering using MATLAB	ACS_EEE	28 Nov 2016 -12 Jan 2016	42	50
7	Smart Energy Management System	SEMS_EEE	02 Jan 2017 -14 Feb 2017	42	30
8	Grid Integration Issues of RES	RES_EEE	06 Feb 2017 -07 Apr 2017	58	30
9	Grid Fed LED Drives	GFLD_EEE	25 Aug 2016 -30 Nov2016	42	30

10	Digital Protection of Power System	DPP_EEE	3 Oct 2016 -30 Nov2016	42	30
11	Skill Development Program on web designing using HTML,PHP,MYSQL	WD_CSE	25 Aug 2016 -30 Nov2016	58	32
12	Technical Training MS - OFFICE	TTMS_CSE	2 Nov 2016 -31 Dec 2016	48	170
13	R Programming	TTR_CSE	06 Feb 2017 -07 Apr 2017	42	181
14	Skill Development Programme on Machine Learning	ML_CSE	2 Nov 2016 to19 Dec 2016	42	57
15	Technical Training - Python	TPY_CSE	12 Dec 2016 -6 Feb 2017	58	39
16	Advances in CAE/CFD Simulation techniques	CFD_CIVIL	23 Jan 2017 -28 Feb 2017	47	169
17	Introduction -ETAB Software	ETAB_CIVIL	3 Mar 2017-8 Apr 2017	46	31
18	3D CAD Applications	3D CAD_CIVIL	2 Jan 2017 -30 Mar 2017	45	24
19	Autodesk certified Staad Pro	ASP_CIVIL	3 Oct 2016 -30 Nov2017	50	36
20	Work shop on Antennas and Wave Propagation	AWP_ECE	3 Oct 2016 -30 Nov2017	52	21
21	Training program on Photo Voltaic Solar Energy	PVSE_ECE	25 Aug 2016 - 30 Sep 2017	50	40
22	Image processing applications to biomedical signals	IPABS_ECE	3 Oct 2016 -30 Nov2017	50	36
23	Training program on applications of digital communication in present era	DC_ECE	3 Oct 2016 -30 Nov2017	56	58

2015-16

	Title of Course	Course Code	Course		No. of Participants
			Duration	Hours	
1	Training Program on "AUTOCAD"	AUTO_ME	06 July 2015-18 Aug 2015	36	29
2	Training Program on "CATIA V5"	CAT_ME	31 Aug 2015 -10 Oct 2015	36	26
3	Training Program on "Industrial Automation".	IAT_ME	08 Feb 2015 -26 Mar 2016	42	21
4	Autodesk certified Staad Pro	ASP_CIVIL	2 Nov 2015 -4 Dec 2015	40	22
5	Image processing applications to biomedical signals	IPABS_ECE	3 Oct 2015 -30 Nov2015	50	26
6	Work shop on Antennas and Wave Propagation	AWP_ECE	3 Oct 2015 -3 Jan 2016	55	43
7	Training program on Photo Voltaic Solar Energy	PHVSE_ECE	3 Oct 2015 -30 Nov2015	55	38
	Training program on applications	DC_ECE	3 Oct 2015 -30 Nov2015	56	32

8	of digital communication in present era				
9	web designing using HTML,PHP,MYSQL	WD_CSE	25 Aug 2015 -3 Nov 2015	58	38
10	Skill Development Programme on Machine Learning	ML_CSE	3 Oct 2015 -30 Nov2015	42	33
11	Technical Training MS - OFFICE	TTMS_CSE	25 Aug 2015 -30 Nov2015	48	24
12	Technical Training - Python	TPY_CSE	2 Nov 2015 -31 Dec 2015	58	29
13	Smart Energy Management System	SEMS_EEE	25 Aug 2015 -07 Oct 2015	42	156
14	Grid Integration Issues of RES	RES_EEE	09 Oct 2015 -01 Dec 2015	58	118
15	Grid Fed LED Drives	GFLD_EEE	01 Dec 2015 -15 Jan 2016	42	37
16	Digital Protection of Power System	DPP_EEE	07 Jan 2016 -22 Feb 2016	42	27
17	Electric Drives	PWD_EEE	03 Feb 2016 -23 Mar 2016	42	39
18	PWM Techniques in Inverter	PWM_EEE	28 Sep 2015 -30 Oct 2015	42	28
19	Applications of Control System Engineering using MATLAB	ACS_EEE	2 Nov 2015 -4 Dec 2015	42	26

Number of awards/medals for outstanding performance in sports/cultural activities

Sr. No.	Year	Number of awards/medals
1	2015-16	10
2	2016-17	20
3	2017-18	19
4	2018-19	22
5	2019-20	23

2019-20

Year	Name of the award/ medal	Team / Individual	University/State/ National/ International	Sports/ Cultural	Name of the student
2019-20	Winners	Team	National (Sports Bout-2019)	Sports(Cricket)	KPRIT Cricket Team(15 Members)
	Runners	Team	National (SPL-2K20)	Sports(Kabaddi-M)	KPRIT Kabaddi Team(12 Members)
	Runners	Team	National (SPL-2K20)	Sports(Volley Ball)	KPRIT Volley Ball Team(12 Members)
	Runners	Team	Central Zone(JNTUH)	Sports(Kabaddi-M)	KPRIT Kabaddi Team(12 Members)
	Runners	Team	National (CVR College of Engineering)	Sports(Kabaddi-M)	KPRIT Kabaddi Team(12 Members)
	Runners	Team	National (CVR College of Engineering)	Sports (Basket Ball-G)	KPRIT Basket Ball Team(9 Members)
	Runners	Team	National (Kurukshetra)	Sports (Basket Ball-G)	KPRIT Basket Ball Team(9 Members)

			2020)		
Runners	Team	National (Kurukshetra 2020)	Sports(Kabaddi-G)	KPRIT Kabaddi Team(12 Members)	
Winner	Individual	National (Kurukshetra 2020)	Sports(Chess)	Vikram Pareek	
Winner	Individual	National (Kurukshetra 2020)	Sports(Chess-G)	Kavitha	
Runner	Individual	National (Sports Bout-2020)	Sports(Badminton-W)	B.Sharvani	
Runner	Individual	National (Sports Bout-2020)	Sports(Table Tennis-M)	Nawaj Sarothia	
Winners	Team	National (Sports Blitz 2020)	Sports (Kabaddi - G)	KPRIT Kabaddi Team(10 Members)	
Runner	Individual	National (Sports Blitz 2020)	Sports(Chess-G)	Kavitha	
Merit	Individual	South Zone (University Level)	Sports (Basket Ball-G)	M. Divya Shre	
Selected	Individual	South Zone (University Level)	Sports (Kho-Kho-G)	R.Snigdha	
Merit	Individual	National Foot Ball Championship for Santosh Trophy	Sports (Football)	Tanish Reddy	
First Prize	Individual	National (Synergy Annual Day Celebrations)	Cultural (Solo Dance)	J Anikrutha	
Second Prize	Team	National (Synergy Annual Day Celebrations)	Cultural (Group Dance)	Tanish Reddy & Team	
Third Prize	Individual	National (Synergy Annual Day Celebrations)	Cultural (Singing)	Akshitha	
Third Prize	Group	UNIVERSITY LEVEL YOUTH FESTIVAL 2019	CULTURAL (CLASSICAL DANCE)	J Anikrutha & Lasya	
Second Prize	Individual	UNIVERSITY LEVEL YOUTH FESTIVAL 2020	CULTURAL (CLASSICAL DANCE)	J Anikrutha	
Second Prize	Team	National (Synergy Annual Day Celebrations)	Cultural (Group Dance)	B. Naga Pravallika Sharma & Team	

2018-19

Year	Name of	Team /	University/State/	Sports/ Cultural	Name of the student
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	the award/ medal	Individual	National/ International		
2018-19	Runners	Team	National (SPL-2K19)	Sports(Kabaddi-M)	KPRIT Kabaddi Team(12 Members)
	Runner	Individual	National (Sports Bout-2018)	Sports(Chess)	A.Pavithra
	Winners	Team	National (Sports Blitz 2019)	Sports (Basket Ball-G)	KPRIT Basket Ball Team(9 Members)
	Runners	Team	National (Sports Blitz 2019)	Sports (Table Tennis-B)	KPRIT Table Tennis Team(2 Members)
	Runners	Team	National (Kredda 2019)	Sports(Kabaddi-M)	KPRIT Kabaddi Team(12 Members)
	Runner	Individual	National (Kredda 2019)	Sports(Chess)	Kavitha
	Runner	Individual	National (Kurukshetra 2K19)	Sports(Chess)	Kavitha
	Runners	Team	National (Kurukshetra 2K19)	Sports(Kabaddi-G)	KPRIT Kabaddi Team(12 Members)
	Runners	Team	National (Kurukshetra 2K19)	Sports (Basket Ball-G)	KPRIT Basket Ball Team(9 Members)
	Winners	Team	National (Nirnetha 2019)	Sports (Basket Ball-G)	KPRIT Basket Ball Team(9 Members)
	Runner	Team	National (Nirnetha 2019)	Sports(Cricket)	KPRIT Cricket Team(15 Members)
	Runner	Team	National (Sports Bout-2018)	Sports(Volley Ball)	KPRIT Volley Ball Team(12 Members)
	Winners	Team	National (SPL-2K19)	Sports(Volley Ball)	KPRIT Volley Ball Team(12 Members)
	Winners	Individual	National (Sports Bout-2018)	Sports(Volley Ball)	L.Narsimha Chary
	Third Prize	Individual	9th Junior / Youth National 7-A side Foot Ball Championship	Sports (Football)	H Mohith Menon
	Third Prize	Individual	TS State Senior Men Inter District Foot Ball Tournament	Sports (Football)	Tanish Reddy
	Merit	Individual	National Foot Ball Championship for Santosh Trophy	Sports (Football)	Tanish Reddy
	Merit	Individual	South Zone (University Level)	Sports (Basket Ball-G)	M. Divya Shre
Third Prize	Individual	National (Synergy Annual Day)	Cultural (Solo Dance)	J Anikrutha	

			Celebrations)		
	Second Prize	Team	National (Synergy Annual Day Celebrations)	Cultural (Group Dance)	Babu Rao & Team
	Third Prize	Individual	National (Synergy Annual Day Celebrations)	Cultural (Singing)	Sireesha Thakur
	Second Prize	Team	National (Synergy Annual Day Celebrations)	Cultural (Group Dance)	B. Dharani & Team

2017-18

Year	Name of the award/ medal	Team / Individual	University/State/ National/ International	Sports/ Cultural	Name of the student
2017-18	Winner	Individual	National (UDAAN 2K18)	Sports(Chess)	A.Pavithra
	Runners	Team	National (SPL-2K19)	Sports(Cricket)	KPRIT Cricket Team(15 Members)
	Runners	Team	National(10th Indian Open Inter Engineering Collegiate SPORTS FEST 2018VNRVJIT)	Sports(Kabaddi-M)	KPRIT Kabaddi Team(12 Members)
	Winner	Individual	National (Athhlema 2K18)	Sports(Chess)	A.Pavithra
	Runner	Individual	National (Athhlema 2K18)	Sports(Table Tennis -B)	Nawaz Serothia
	Runners	Team	National(Sports Blitz- 2K18)	Sports(Volley Ball)	KPRIT Volley Team(10 Members)
	Runners	Team	National(PHOENIX 18)	Sports(Kabaddi-M)	KPRIT Kabaddi Team(12 Members)
	Runners	Individual	National(KREEDA 2K18)	Sports(Chess)	Kavitha
	Winners	Team	National (SPL-2K19)	Sports(Kabaddi-M)	KPRIT Kabaddi Team(12 Members)
	Runners	Individual	State Level Premier League (CVR college of Engineering)	Sports(Chess)	Kavitha
	Winners	Team	State Level Premier League (CVR college of Engineering)	Sports(Kabaddi-M)	KPRIT Kabaddi Team(12 Members)
	Runners	Team	National (SPL-2K19)	Sports(Volley Ball)	KPRIT Volley Team(10 Members)
	Second	Individual	National (43rd	Sports (Carrom)	J Anikrutha

	Prize		Junior Inter District & State Carrom Championship)		
	Third Prize	Individual	National (41st Senior Inter District & State Carrom Championship)	Sports (Carrom)	J Anikrutha
	Third Prize	Individual	State Rural Football Competition (PYKKA)	Sports (Football)	H Mohith Menon
	Merit	Individual	8th National Level Rural Tournament Group-III	Sports (Football)	H Mohith Menon
	Second Prize	Individual	National (Colors-Adithya groups)	Cultural (Solo Dance)	J Anikrutha
	Third Prize	Individual	Sri Manikyam Event (MUSE)	Cultural (Singing)	K.Bindhu Priya
	Third Prize	Individual	National (Synergy Annual Day Celebrations)	Cultural (Solo Dance)	J Anikrutha

2016-17

Year	Name of the award/ medal	Team / Individual	University/State/ National/ International	Sports/ Cultural	Name of the student
2016-17	Second Prize	Team	National(KREED A 2K17)	Sports(Kabaddi-M)	KPRIT Kabaddi Team(12 Members)
	Second Prize	Team	National(KREED A 2K17)	Sports(Cricket)	KPRIT Cricket Team(15 Members)
	Third Prize	Individual	National (38th Women's Football Federation Cup)	Sports (Football)	Y Deepthi
	Second Prize	Individual	National (42nd Junior Inter District & State Carrom Championship)	Sports (Carrom)	J Anikrutha
	First Prize	Team	National (3rd All India Mini Football Championship)	Sports (Football)	H Mohith Menon

Third Prize	Team	National (23rd TS State Senior Inter District Sepak Takraw Championship)	Sports (Sepak Takraw)	G Karthik
Second Prize	Individual	State Rural Football Competition (PYKKA)	Sports (Football)	H Mohith Menon
Runners	Team	National (KHEL-2K17)	Sports(Cricket)	KPRIT Cricket Team(15 Members)
Runners	Team	National (KHEL-2K17)	Sports(KABADDI)	KPRIT Kabaddi Team(12 Members)
Runner	Team	National (Sports Bout-2016)	Sports(Volley Ball)	KPRIT Volley Ball Team(12 Members)
Merit	Individual	State Rural Kabaddi Competition(Association)	Sports(Kabaddi-M)	B. Vidhya Sagar
Merit	Individual	South Zone (University Level)	Sports(Kabaddi-M)	K. Raju
Merit	Individual	South Zone (University Level)	Sports(Kabaddi-M)	K Rajeswara Rao
Merit	Individual	South Zone (University Level)	Sports(KHO-KHO - G)	M.Leela
Second Prize	Individual	National(Ephoria)	Cultural (Solo Dance)	N.Barthwaj
Second Prize	Team	National(Ephoria)	Cultural (Group Dance)	B.Raju Rathod & Group
Third Prize	Individual	Sri Manikyam Event (MUSE)	Cultural (Singing)	K.Bindhu Priya
Third Prize	Individual	National(Ephoria)	Cultural (Solo Dance)	Pooja
Third Prize	Individual	National (Synergy Annual Day Celebrations)	Cultural (Solo Dance)	J Anikrutha
Third Prize	Individual	National (Synergy Annual Day)	Cultural (Solo Dance)	N.Barthwaj

			Celebrations)		
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2015-16

Year	Name of the award/ medal	Team / Individual	University/State/ National/ International	Sports/ Cultural	Name of the student
2015-16	Runners	Team	National (SPL-2K16)	Sports(Cricket)	KPRIT Cricket Team(15 Members)
	Runner	Team	National (Sports Bout-2015)	Sports(Volley Ball)	KPRIT Volley Ball Team(12 Members)
	Merit	Individual	South Zone (University Level)	Sports(Kabaddi-M)	K Rajeswara Rao
	Merit	Individual	South Zone (University Level)	Sports(KHO-KHO - G)	M.Leela
	Merit	Individual	South Zone (University Level)	Sports(Kabaddi-M)	K. Raju
	Winners	Team	National (SPL-2K16)	Sports(Kabaddi-M)	KPRIT Kabaddi Team(12 Members)
	Runners	Team	National (SPL-2K16)	Sports(Volley Ball)	KPRIT Volley Team(10 Members)
	Selected	Individual	National level Rural Tournament Group - II	Sports (Hand Ball)	M. Swarna Latha
	Second Prize	Individual	National (Synergy Annual Day Celebrations)	Cultural (Solo Dance)	M. Sai Teja
	Third Prize	Individual	National (Synergy Annual Day Celebrations)	Cultural (Singing)	K.Bindhu Priya

Student Achievements:

1. Mr. D. Prem Kumar, 17RA1A0315, Department of Mechanical Engineering has won award of "Vajra World Records" for making a Graphite Movable Cycle with 85mm size in 2019 and also won the highest Voting for Micro Art in the GALERIA DE 'ARTE-National Level Art Exhibition during 2nd – 6th November 2019 at Simus Art Gallery Kondapur, Hyderabad, Telangana.





2. M. Divya Sree, 18RA1A0405, Department of Electronics and Communication Engineering got selected for the Basket Ball University team of JNTUH.





3. R. Snigdha Goud, 17RA1A0534, Department of Computer Science and Engineering got selected for the South Zone Khokho for Women, University team of JNTUH.




4. Students of Mechanical Engineering, Kommuri Pratap Reddy Institute of Technology, Hyderabad has participated in Champions of Champions presented by Andhra Pradesh State Skill Development Corporation, organized by Imperial Society of Innovative Engineers (ISIEINDIA) from 22nd to 25th February 2019 at Vijayawada A.P. The team SPARTA of Kommuri Pratap Reddy Institute of Technology, Hyderabad is the only institution selected from Telangana State.



5. Vikram Pareek, 16RA1A0553, Department of Computer Science and Engineering has started his own You tube channel entitled “Queries Solved” through which he will be giving solutions to various computer and software related issues.




YouTube



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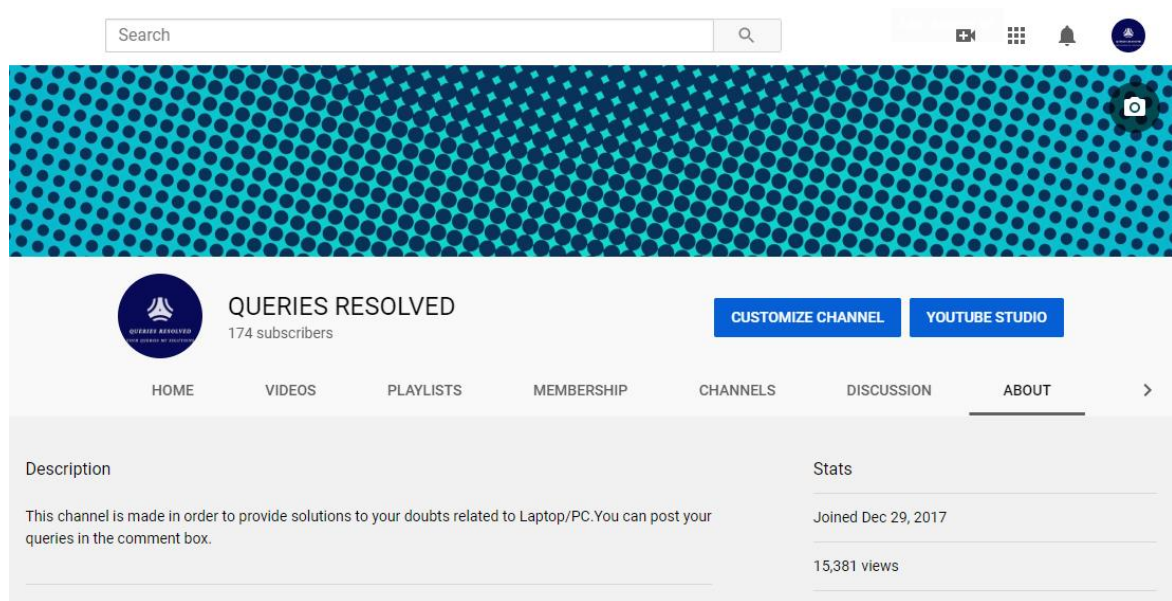


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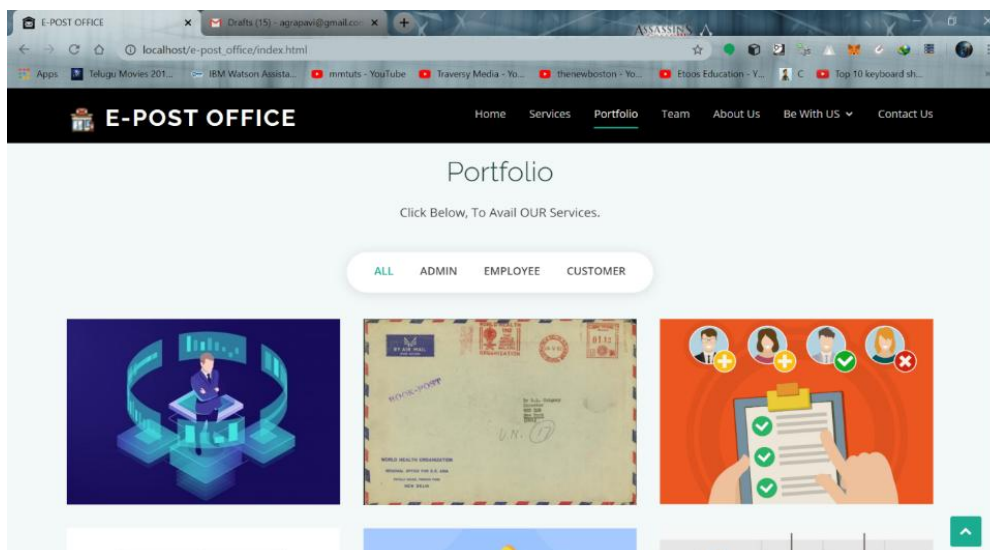
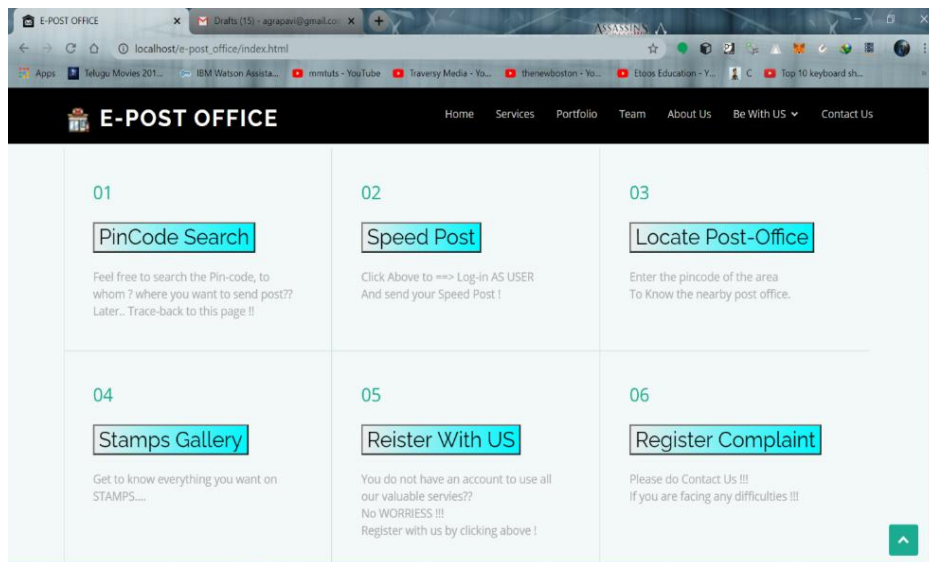
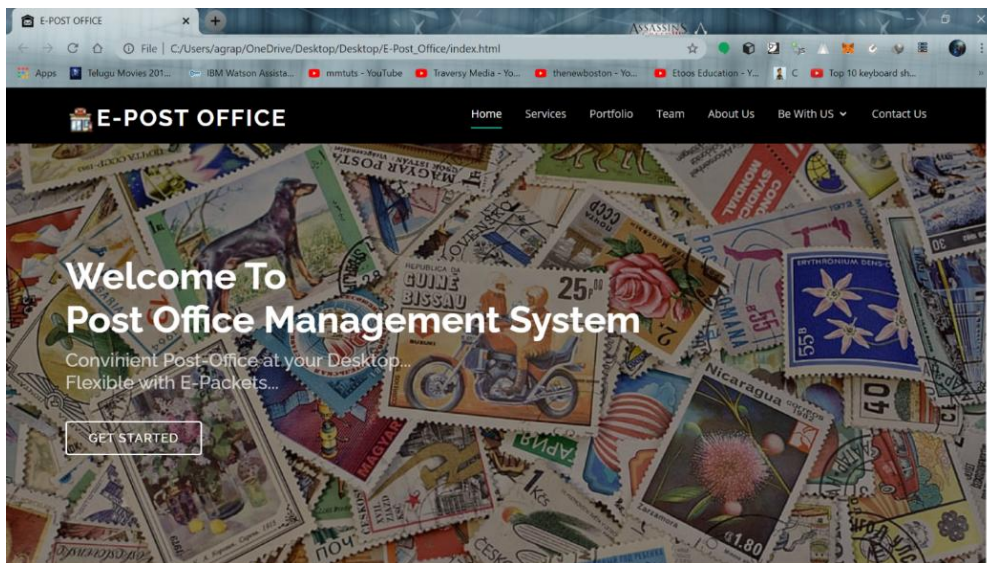
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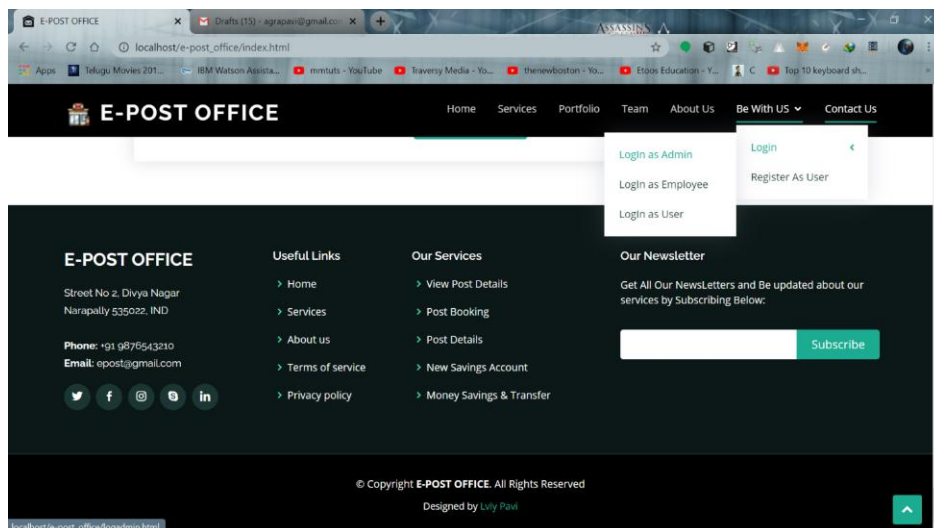
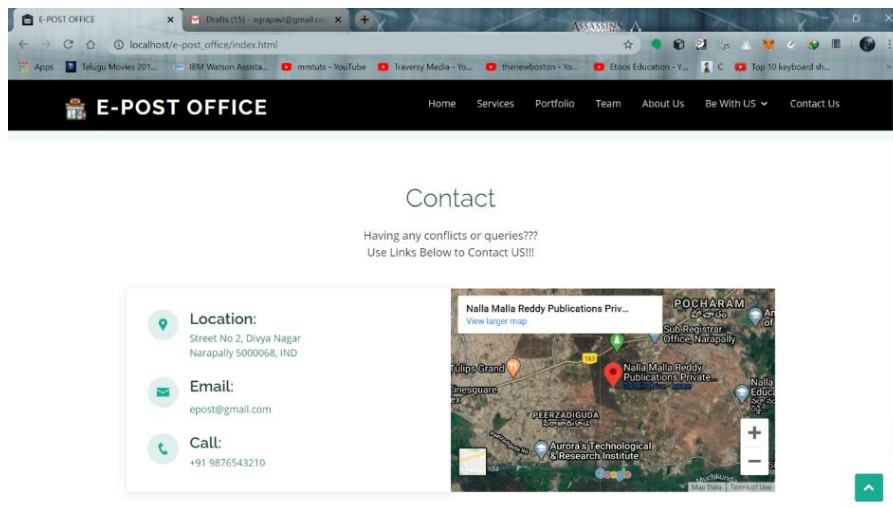
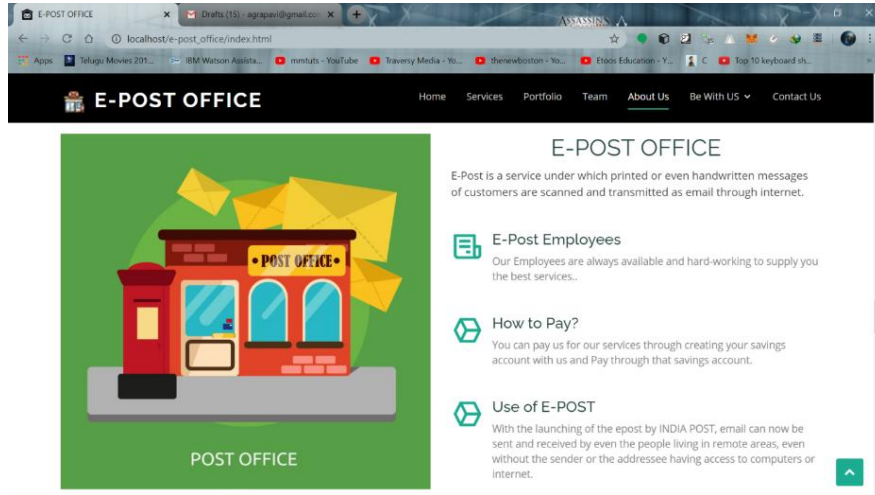
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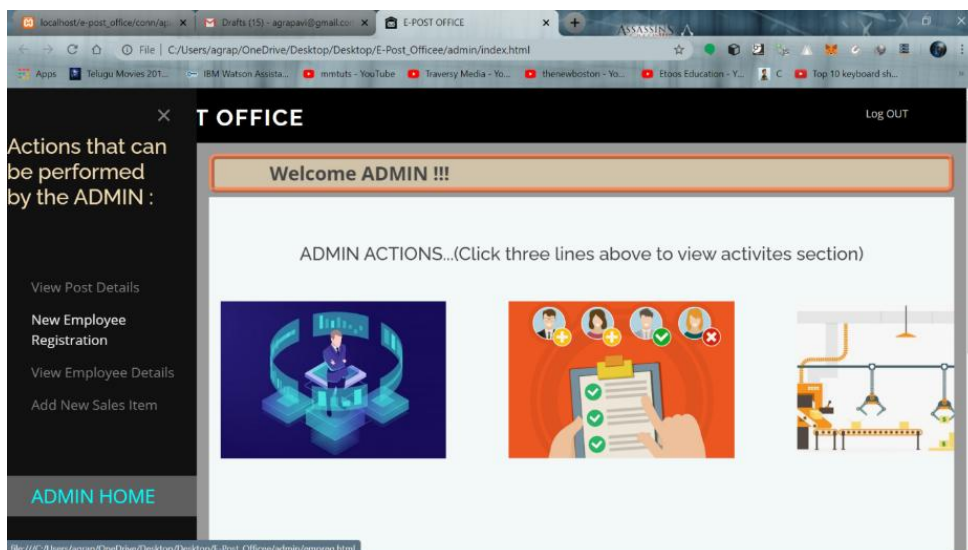
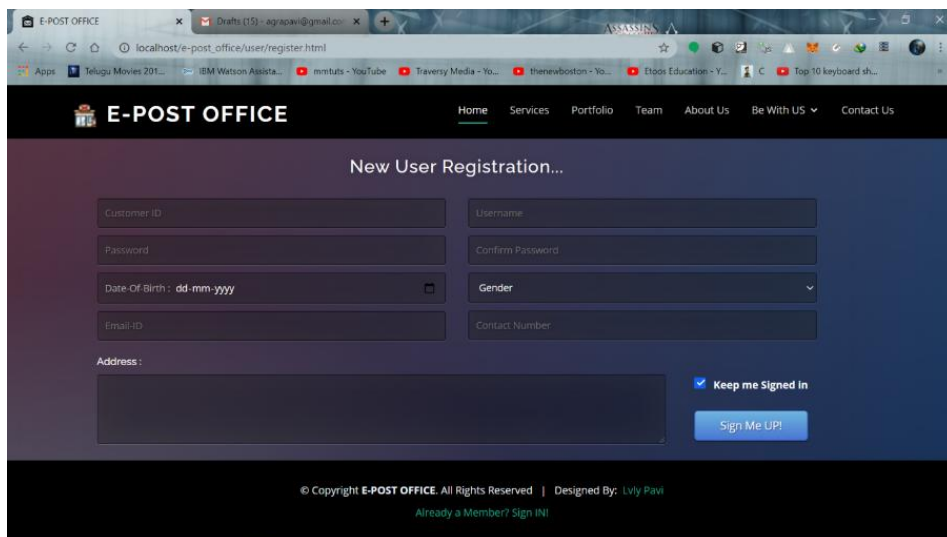
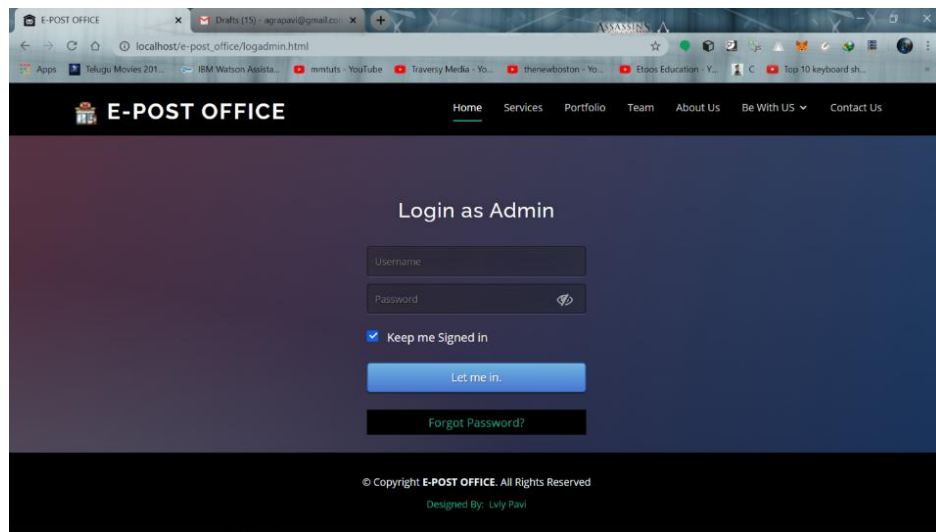


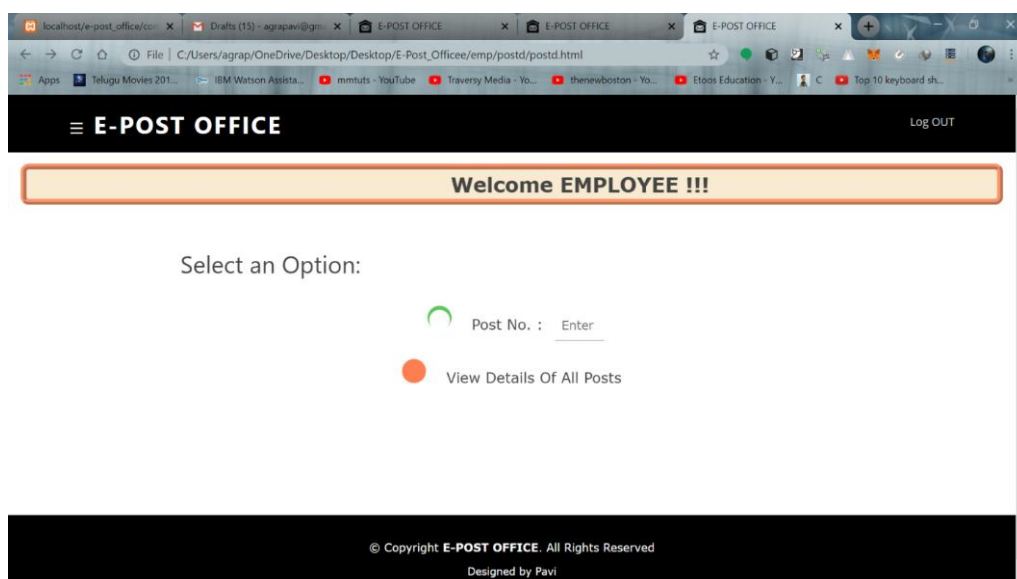
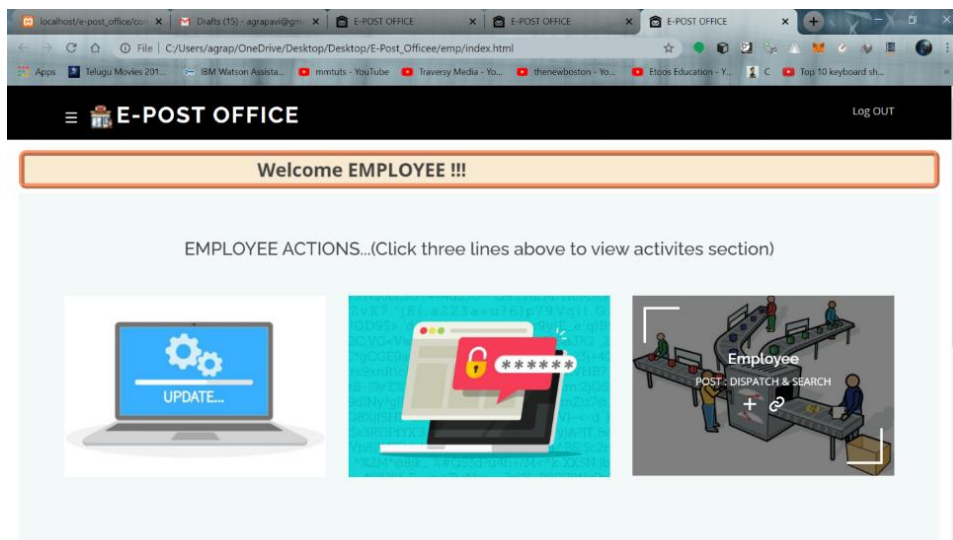
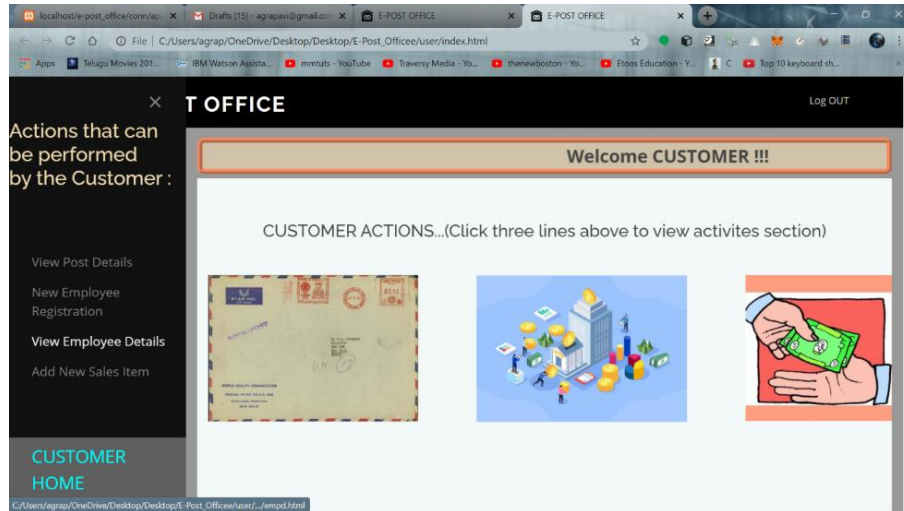
6. A. Pavithra, 17RA1A0520, Department of Computer Science and Engineering has designed an E-Post Office Website from scratch using HTML, CSS, JavaScript, PHP and MySQL. It has a very good user interface, where there are login screens for admin, user and also employees based on authentication of the details in the database. Admin can add employees and employees can dispatch posts. Users can create a new post which will be yet to be dispatched default and everyone can search for posts.



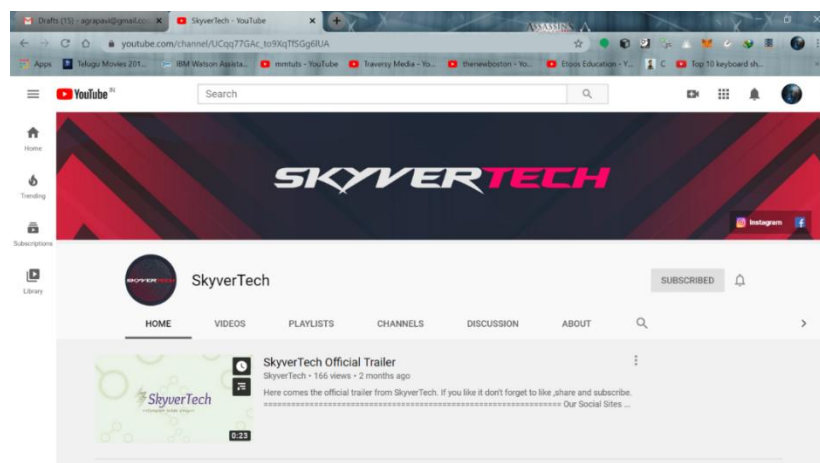








7. A. Pavithra, 17RA1A0520, Department of Computer Science and Engineering has a YouTube channel named SkyverTech, where she is doing technical related videos and programming languages tutorials. She is also planning a startup!



8. Ch. Shrujan, 16RA1A0425, Department of Electronics and Communication has successfully won the Analog Design Contest Challenge organized by Texas Instrument a Leading IC Manufacturing Company.





9. R. Sivaji, 16RA1A0424, Department of Electronics and Communication has successfully won the Analog Design Contest Challenge organized by Texas Instrument a Leading IC Manufacturing Company.



Placements:

KPRIT Training and Placement cell always strives and keep efforts for the welfare of the students. A dedicated placement cell with a team of placement officer and coordinators keep lot of efforts and bring companies to college and conduct the on campus recruitment drives. The percentage of student's placements year wise is as enlisted below.

Sr. No	Year	Percentage
1	2015-16	66
2	2016-17	67.5
3	2017-18	33.3
4	2018-19	71
5	2019-20	77

Higher Studies:

Efforts, guidance, Encouragement is provided to the students towards the Higher Education is always provided by the Training Placement and career Guidance Cell of KPRIT. The percentage of student's year wise is as enlisted below.

Sr. No	Year	Percentage
1	2015-16	3.5
2	2016-17	3.6
3	2017-18	29.6
4	2018-19	7.6

Student Appreciation & Awards:

KPRIT is a place where student and staff will find opportunities and a platform to enrich and excel. The management always encourages the students and staff to participate in various activities and provides platform to gain and upgrade the skill set, encourage bright students to participate in various programs, encourage slow learners and motivates them. Each and every step for the positive upliftment of the staff and students is the main motive of the management of KPRIT. Every year the annual award ceremony is organized through which the best performers in the staff and students who got top ranks in the university examinations are recognized and awarded. Recently Dr. Sai Baba Reddy Principal College of Engineering, JNTUH was invited as the Guest of Honor for the

Annual Award Ceremony. The glimpse of the photographs (sample) of this event is shown below.





Sports and Cultural Activities:

KPRIT management and faculty always seek for the overall development of the student. The college always encourages students to participate actively in all co-curricular and extra-curricular activities. This motivation made students to participate in various sports and cultural activities and win prizes.

Sr. No	Year	No. of Events in which KPRIT students participated
1	2015-16	10
2	2016-17	20
3	2017-18	19
4	2018-19	21
5	2019-20	23

The college also organizes the inter Department and Intra college sports meet, National level sports fest, cultural and technical fest every year.

Sr. No	Year	No. of Students participated
1	2015-16	101
2	2016-17	90
3	2017-18	78
4	2018-19	178

5	2019-20	216
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Introducing courses related to the Ethics and Human values in Curriculum:

In order to create awareness among the students the university has introduced new subjects like Gender Sensitization, Constitution of India, Professional Ethics, Intellectual Property Rights, Disaster Management, Environmental Science etc. KPRIT also followed the same and taught these subjects to the students. In addition to the courses the college has taken an initiative in celebrating the memorable days of national importance. KPRIT organizes various Empowerment programs which will sensitize students and employees of the institution on the topics related to importance of constitutional obligations such as Human values, Human rights, fundamental duties and responsibilities of citizens.

The college also organizes various programs which will create awareness on various schemes initiated by Government of India and Government of Telangana. Students actively participated and grabbed the knowledge related to the same. The lists of various events or programs organized are as stated below.

- Awareness Program on “KCR Kit Scheme”
- Celebration of Human Rights Day
- Constitution Day
- Gandhi Jayanthi Celebrations
- Eradication of Untouchability
- Babu Jagjivan Ram’s Birth Anniversary
- Awareness program on “Kalyana Lakshmi/ Shaadi Mubarak Scheme”
- Creating awareness on “Rythu Bandhu Scheme”
- National Voter’s Day
- National Education Day
- Awareness program on “Beti Bachao, Beti Padhao : Caring for the Girl Child”
- Rally on Human Rights Day
- Awareness Program on “Eradication of Child Marriage”
- Awareness Program on “Women Rights”
- Awareness Program on “Nirbhaya Act”
- Say No to Dowry



Awareness Program on “KCR Kit Scheme”



Human Rights Day



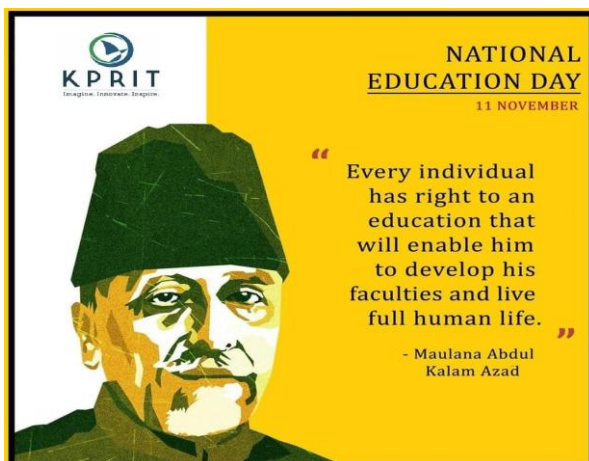
Constitution Day



Gandhi Jayanthi Celebrations



Awareness program on “Kalyana Lakshmi/ Shaadi Mubarak Scheme”



National Education Day



Rally on Human Rights Day



Awareness Program on “Eradication of Child Marriage”



Awareness Program on “Women Rights”



Say No to Dowry



Babu Jagjivan Ram's Birth Anniversary



Awareness Program on "Nirbhaya Act"



Yoga for Mental and Physical Health



Women's Day Celebration

Institution Celebrates/Organizes National and International Commemorative Days, Events and Festivals.

KPRIT students and staff organize and celebrate various programs on National and International Commemorative Days, Events and Festivals. The students and staff of KPRIT family participate actively.

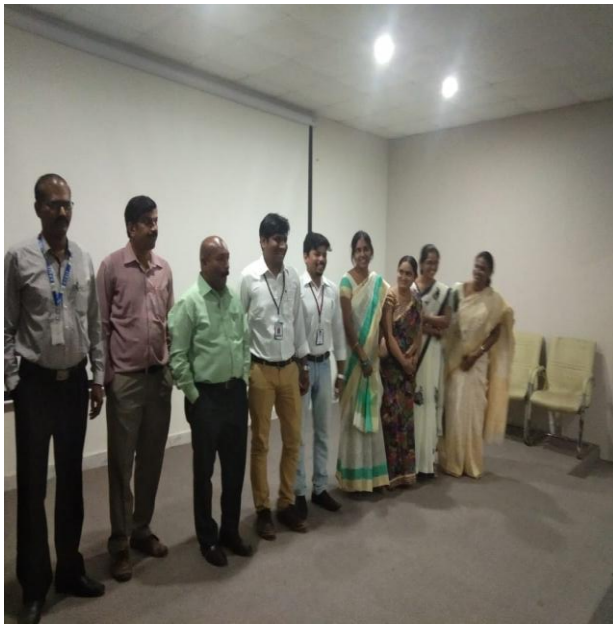
Sample Photographs taken on National and International Commemorative Days, Events and Festivals.





Independence Day





Teachers Day





Ganesh Utsav Celebrations



Engineer's Day Celebrations



Bathukamma Celebrations



Mathematics Day



Pongal Celebrations



National Youth Day





Republic Day

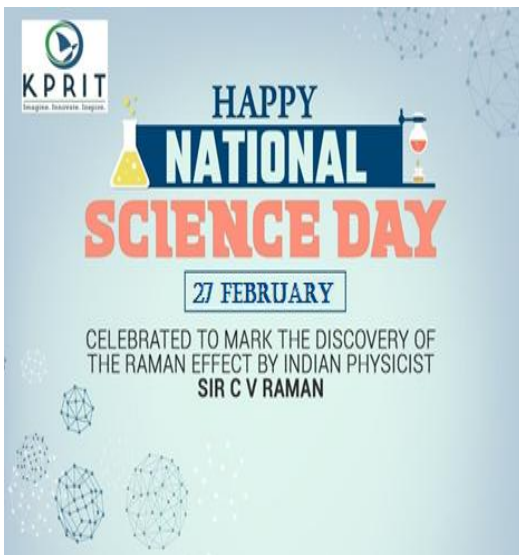


Martyrs day





Traditional day





National Science Day



Dr. Abdul Kalam Memorial Day





Children's day

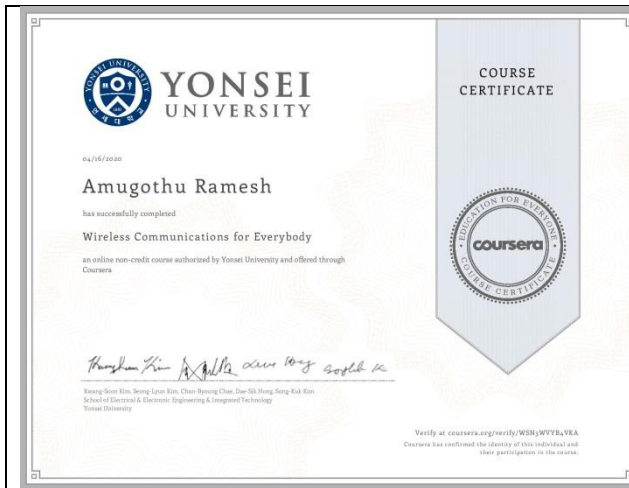


Swami Vivekananda Birthday Celebrations

Faculty, staff Development activities and initiatives:

Faculties are the backbone of KPRIT. The professional development of the faculty will always have a way for the strategic growth of the institution as well as faculty individual also. This will enhance the quality of education and also empower and encourage faculty to gain knowledge related to the latest trends and keep updated along with the growing science and technology.

Value added Courses for Faculty: Coursera, NPTEL



YONSEI UNIVERSITY

04/16/2020

Amugothu Ramesh
has successfully completed

Wireless Communications for Everybody
an online non-credit course authorized by Yonsei University and offered through Coursera

Yong-Soo Kim
Yong-Soo Kim, Seung-Lyoon Kim, Chen-Spyoung Chae, Dae-Sik Hong, Song-Rok Kim
School of Electrical & Electronic Engineering & Integrated Technology
Yonsei University

Verify at coursera.org/verify/W5HJWYF4VYA
Coursera has confirmed the identity of this individual and their participation in the course.



COURSERA
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4 Courses

04/18/2020

Cheruku Rajini
has successfully completed the online, non-credit Specialization

Energy Production, Distribution & Safety

In this specialization, learners were exposed to the energy industry – including its structure, energy origins, constraints, pricing and regulations – as well as the impact of emerging disruptive technologies and renewable energies on the evolution of the Smart Grid. Learners developed a working knowledge of a modern electrical power system and the components, foundational electric power instruments and machinery, and the interactions between energy and the environment. They gained insights into the basic properties of natural gas, operations of its distribution, basic field skills required, the liquefaction of natural gas, and standard energy industry safety practices and OSHA regulations.

Verify this certificate at: coursera.org/verify/specialization/CVASC83T6L



rhyme

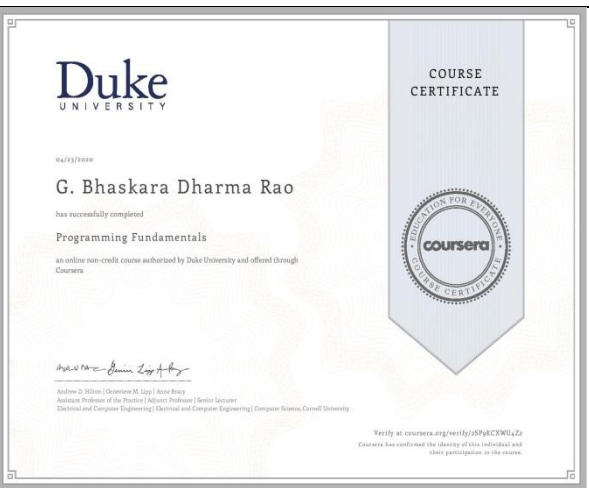
05/14/2020

Prashanthi Vishnudas
has successfully completed

Build a Simple App in Android Studio with Java
an online non-credit course authorized by Rhyme and offered through Coursera

Ken Carter
Ken Carter
Instructor

Verify at coursera.org/verify/YVZFQKXLTBD
Coursera has confirmed the identity of this individual and their participation in the course.



Duke UNIVERSITY

04/13/2020

G. Bhaskara Dharma Rao
has successfully completed

Programming Fundamentals
an online non-credit course authorized by Duke University and offered through Coursera

Andrew D. Wilson
Andrew D. Wilson | Giovanni M. Ligi | Ansa Bracy
Adjunct Professor of the Practice | Senior Professor | Senior Lecturer
Electrical and Computer Engineering | Electrical and Computer Engineering | Computer Science, Cornell University

Verify at coursera.org/verify/05N2K6C9L2D
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rhyme

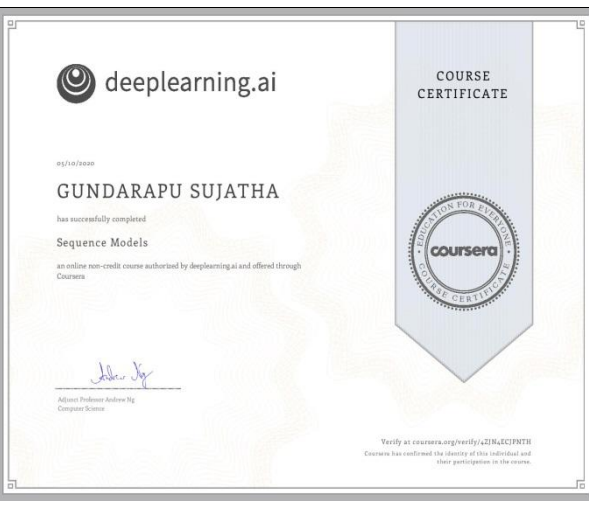
04/12/2020

JONNALA BALAKRISHNA
has successfully completed

Build an E-commerce Dashboard with Figma
an online non-credit course authorized by Rhyme and offered through Coursera

K. K.

Verify at coursera.org/verify/1FRCJ8E7U18
Coursera has confirmed the identity of this individual and their participation in the course.



deeplearning.ai

05/10/2020

GUNDARAPU SUJATHA
has successfully completed

Sequence Models
an online non-credit course authorized by deeplearning.ai and offered through Coursera

Andrew Ng
Adjunct Professor Andrew Ng
Computer Science

Verify at coursera.org/verify/12IM4LCC2P7H
Coursera has confirmed the identity of this individual and their participation in the course.

 <p>COURSE CERTIFICATE</p> <p>04/01/2020</p> <p>SHAIK IMAM VALI</p> <p>has successfully completed</p> <p>AI For Everyone</p> <p>an online non-credit course authorized by deeplearning.ai and offered through Coursera</p>  <p>Adnan Professor, Andrew Ng Computer Science Department Stanford University</p>  <p>Verify at coursera.org/verify/85H7TFA8CWE Coursera has confirmed the identity of this individual and their participation in the course.</p>	 <p>COURSE CERTIFICATE</p> <p>04/01/2020</p> <p>JONNALA BALAKRISHNA</p> <p>has successfully completed</p> <p>Programming for Everybody (Getting Started with Python)</p> <p>an online non-credit course authorized by University of Michigan and offered through Coursera</p>  <p>Charles Severance Clinical Professor, School of Information University of Michigan</p>  <p>Verify at coursera.org/verify/AD66ME85Y6 Coursera has confirmed the identity of this individual and their participation in the course.</p>
 <p>COURSE CERTIFICATE</p> <p>04/01/2020</p> <p>AVULA SHIVA KUMAR</p> <p>has successfully completed</p> <p>Natural Gas</p> <p>an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera</p>  <p>Tom Russo, President Russo on Energy LLC</p>  <p>Verify at coursera.org/verify/AF8ME8ZQW8C Coursera has confirmed the identity of this individual and their participation in the course.</p>	 <p>COURSE CERTIFICATE</p> <p>04/29/2020</p> <p>NAGARAJU K</p> <p>has successfully completed</p> <p>The Data Scientist's Toolbox</p> <p>an online non-credit course authorized by Johns Hopkins University and offered through Coursera</p>  <p>Jeff Leek, PhD, Biogen, PhD Brian Caffo, PhD Department of Biostatistics Johns Hopkins Bloomberg School of Public Health</p>  <p>Verify at coursera.org/verify/AA0E2Z48ME8 Coursera has confirmed the identity of this individual and their participation in the course.</p> <p><small>Some online courses require an in-person final exam or assessment for non-credit purposes. This certificate does not affirm that this learner was verified as a student at Johns Hopkins University in any way. It does not confer a 2020 grade, course credit or degree equivalent, any relationship between this learner and JHU or an JHU affiliation, enrollment or degree at JHU or other JHU affiliated online courses offered by JHU or other JHU affiliated institutions or any other relationship between this learner and JHU or other JHU affiliated institutions or any other relationship between this learner and JHU or other JHU affiliated institutions.</small></p>
 <p>COURSE CERTIFICATE</p> <p>04/01/2020</p> <p>RAMA DEVI</p> <p>has successfully completed</p> <p>Introduction to Molecular Spectroscopy</p> <p>an online non-credit course authorized by University of Manchester and offered through Coursera</p>  <p>Dr. Pratik Dholakia, IISc School of Chemistry The University of Manchester</p>  <p>Verify at coursera.org/verify/8ZKXELT82YA Coursera has confirmed the identity of this individual and their participation in the course.</p>	 <p>COURSE CERTIFICATE</p> <p>04/01/2020</p> <p>kunchala Anjaneyulu</p> <p>has successfully completed</p> <p>Autodesk Certified Professional: Revit for Structural Design Exam Prep</p> <p>an online non-credit course authorized by Autodesk and offered through Coursera</p>  <p>Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.</p>  <p>Verify at coursera.org/verify/UVY8888HY8M Coursera has confirmed the identity of this individual and their participation in the course.</p>

ILLINOIS

04/17/2020

KARANAM MADAN MOHAN

has successfully completed

3D Printing Applications

an online non-credit course authorized by University of Illinois at Urbana-Champaign and offered through Coursera



Vishal Bhatia
Clinical Assistant Professor
Director - Illinois MakerLab
New College of Business

Verify at coursera.org/verify/MS462008H8XW
Coursera has confirmed the identity of this individual and their participation in the course.

UNIVERSITY OF MICHIGAN

04/11/2020

Kamineni Bala Tripura Sundari

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Kenneth
Clinical Professor, School of Information
University of Michigan

Verify at coursera.org/verify/Q8PNXZ4135Gz
Coursera has confirmed the identity of this individual and their participation in the course.

Georgia Institute of Technology

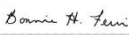
04/13/2020

Vipul Dabhi

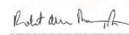
has successfully completed

Introduction to Electronics

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera



Bonnie H. Feun
Professor, School of
School of Electrical and Computer Engineering
Georgia Institute of Technology



Dr. Alan Robinson
School of Electrical and Computer Engineering
Georgia Institute of Technology

Verify at coursera.org/verify/5TXW3D73681g
Coursera has confirmed the identity of this individual and their participation in the course.

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

04/13/2020

Bhagya laxmi

has successfully completed

Matrix Algebra for Engineers

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera



Jeffrey B. Chasor
Professor
Department of Mathematics

Verify at coursera.org/verify/2LEW1dTT098E
Coursera has confirmed the identity of this individual and their participation in the course.

ILLINOIS


04/14/2020

VINAY KUMAR P

has successfully completed

3D Printing Applications

an online non-credit course authorized by University of Illinois at Urbana-Champaign and offered through Coursera



Vishal Bhatia
Clinical Assistant Professor
Director - Illinois MakerLab
New College of Business

Verify at coursera.org/verify/3F2r48NKFJdT
Coursera has confirmed the identity of this individual and their participation in the course.

W


05/11/2020

ABDUL AHAD

has successfully completed the online, non-credit Specialization

Machine Learning

Congratulations! This Certificate establishes that you have demonstrated proficiency in the exciting, high-demand field of Machine Learning through rigorous online coursework from leading Machine Learning researchers at the University of Washington. Through a series of practical case studies, you gained applied experience in major areas of Machine Learning including Prediction, Classification, Clustering, and Information Retrieval. You learned to analyze large and complex datasets, create systems that adapt and improve over time, and build intelligent applications that can make predictions from data. Take pride in your accomplishment and welcome to the global Machine Learning community!



Emily Fox, Amazon
Professor of Machine Learning, Statistics
Clara Guehen, Amazon
Professor of Machine Learning, Computer Science and Engineering

Verify this certificate at coursera.org/verify/specialization/PNE2T6E85U

UNIVERSITY OF LONDON

04/28/2020

NAGARAJU GUNDA

has successfully completed

Management Skills for International Business

an online non-credit course authorized by University of London and offered through Coursera



David Green
Founder and Director
Ed Learning Ltd

Verify at coursera.org/verify/37E1LWMS6p1S
Coursera has confirmed the identity of this individual and their participation in the course.

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://npTEL.ac.in/nrc/>

Roll No: NPTEL20CS11S1440592

TO: **KARANAM MADAN MOHAN**
KPRIT
KPRIT
KPRIT



No. of credits recommended by NPTEL3
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 Ministry of HRD, Govt. of India)

This certificate is awarded to
E SAMATHA SREE CHATURVED
for passing the course
Deep Learning
with Score* **62 %**

Jan-Apr 2020
(12 week course)

Indian Institute of Technology Kharagpur

*Continuous online assessment score

To validate and check scores: <https://npTEL.ac.in/nrc/>



 <p>Roll No: NPTEL19C14511360088</p> <table border="1"> <thead> <tr> <th>Score</th> <th>Type of Certificate</th> </tr> </thead> <tbody> <tr><td>>=90</td><td>Elite+Gold</td></tr> <tr><td>75-89</td><td>Elite+Silver</td></tr> <tr><td>>=60</td><td>Elite</td></tr> <tr><td>40-59</td><td>Successfully completed the course</td></tr> <tr><td><40</td><td>No Certificate</td></tr> </tbody> </table> <p>No. of credits recommended by NPTEL: 1</p> <p>Elite NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)</p> <p>This certificate is awarded to G. B. DHARMA RAO for successfully completing the course Metal Mediated Synthesis - I with a consolidated score of 64 % Online Assignments 15.83/25 Proctored Exam 48/75 Total number of candidates certified in this course: 17</p> <p>Jan-Feb 2019 (4 week course)</p> <p>Prof. Sridhar Iyer Head, Centre for Continuing Education, IIT Bombay</p> <p>Indian Institute of Technology Bombay</p> <p>Roll No: NPTEL19C14511360088</p>	Score	Type of Certificate	>=90	Elite+Gold	75-89	Elite+Silver	>=60	Elite	40-59	Successfully completed the course	<40	No Certificate	 <p>Roll No: NPTEL19ME24561450579</p> <table border="1"> <thead> <tr> <th>Score</th> <th>Type of Certificate</th> </tr> </thead> <tbody> <tr><td>>=90</td><td>Elite+Gold</td></tr> <tr><td>75-89</td><td>Elite+Silver</td></tr> <tr><td>>=60</td><td>Elite</td></tr> <tr><td>40-59</td><td>Successfully completed the course</td></tr> <tr><td><40</td><td>No Certificate</td></tr> </tbody> </table> <p>No. of credits recommended by NPTEL: 3</p> <p>Elite NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)</p> <p>This certificate is awarded to JEVAVEL P for successfully completing the course Rapid Manufacturing with a consolidated score of 72 % Online Assignments 22.41/25 Proctored Exam 49.5/75 Total number of candidates certified in this course: 815</p> <p>Jan-Apr 2019 (12 week course)</p> <p>Prof. T. V. Prabhakar Centre for Continuing Education, IITK</p> <p>Indian Institute of Technology Kanpur</p> <p>Roll No: NPTEL19ME24561450579</p>	Score	Type of Certificate	>=90	Elite+Gold	75-89	Elite+Silver	>=60	Elite	40-59	Successfully completed the course	<40	No Certificate
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<40	No Certificate																								
 <p>Roll No: NPTEL19CS06531450681</p> <table border="1"> <thead> <tr> <th>Score</th> <th>Type of Certificate</th> </tr> </thead> <tbody> <tr><td>>=90</td><td>Elite+Gold</td></tr> <tr><td>75-89</td><td>Elite+Silver</td></tr> <tr><td>>=60</td><td>Elite</td></tr> <tr><td>40-59</td><td>Successfully completed the course</td></tr> <tr><td><40</td><td>No Certificate</td></tr> </tbody> </table> <p>No. of credits recommended by NPTEL: 3</p> <p>NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)</p> <p>This certificate is awarded to A. PRAKASH for successfully completing the course Problem Solving Through Programming In C with a consolidated score of 54 % Online Assignments 24.31/25 Proctored Exam 29.25/75 Total number of candidates certified in this course: 9254</p> <p>Jan-Apr 2019 (12 week course)</p> <p>Prof. Adrijit Goswami Head, Centre for Continuing Education, IIT Kharagpur</p> <p>Indian Institute of Technology Kharagpur</p> <p>Roll No: NPTEL19CS06531450681</p>	Score	Type of Certificate	>=90	Elite+Gold	75-89	Elite+Silver	>=60	Elite	40-59	Successfully completed the course	<40	No Certificate	 <p>Roll No: NPTEL19HS07551450232</p> <table border="1"> <thead> <tr> <th>Score</th> <th>Type of Certificate</th> </tr> </thead> <tbody> <tr><td>>=90</td><td>Elite+Gold</td></tr> <tr><td>75-89</td><td>Elite+Silver</td></tr> <tr><td>>=60</td><td>Elite</td></tr> <tr><td>40-59</td><td>Successfully completed the course</td></tr> <tr><td><40</td><td>No Certificate</td></tr> </tbody> </table> <p>No. of credits recommended by NPTEL: 2</p> <p>Elite NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)</p> <p>This certificate is awarded to T. SWETHA for successfully completing the course Introduction to Modern Indian Drama with a consolidated score of 67 % Online Assignments 18.50/25 Proctored Exam 48/75 Total number of candidates certified in this course: 46</p> <p>Feb-Apr 2019 (8 week course)</p> <p>Prof. Sunil Kishore Head, Centre for Continuing Education, NPTEL, Coordinator, IIT Guwahati</p> <p>Indian Institute of Technology Guwahati</p> <p>Roll No: NPTEL19HS07551450232</p>	Score	Type of Certificate	>=90	Elite+Gold	75-89	Elite+Silver	>=60	Elite	40-59	Successfully completed the course	<40	No Certificate
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<40	No Certificate																								
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40-59	Successfully completed the course																								
<40	No Certificate																								
 <p>05/06/2020</p> <p>Dr. MUTHIREDDY P</p> <p>has successfully completed</p> <p>Sequence Models</p> <p>an online non-credit course authorized by deeplearning.ai and offered through Coursera.</p>  <p>Verify at coursera.org/verify/RESA4Q2AS2. Coursera has confirmed the identity of this individual and their participation in the course.</p>	 <p>5 Courses</p> <p>05/06/2020</p> <p>Aluri Venugopal has successfully completed the online, non-credit Specialization Applied Data Science with Python</p> <p>The 5 courses in this University of Michigan specialization introduce learners to data science through the python programming language. The skills-based specialization is intended for learners who have a basic python or programming background, and want to apply statistical, machine learning, information visualization, and text analysis techniques to gain new insight into their data. In the final course, students will work on real-world data analysis projects, building a portfolio which showcases their work while at the same time helping real clients gain a better understanding of their data.</p> <p>Christopher Brooks Research Assistant Professor School of Information</p> <p>Daniel Romero, Ph.D. Assistant Professor School of Information University of Michigan</p> <p>Kevin Collins-Thompson Associate Professor School of Information</p> <p>V. G. Vinod Yeddyaram Assistant Professor School of Information University of Michigan</p> <p>Verify this certificate at coursera.org/verify/specialization/LB3876M9C</p>																								

For the development of staff members, programmes were organized during the past five years. The programmes include FDPs, workshops, seminars and other professional activities.

No. of Professional Development /Administrative Training Programmes for Teaching and Non-Teaching

Sr. No	Year	No. of Faculty Development Programs for Teaching/Non-Teaching staff
1	2015-16	23
2	2016-17	30
3	2017-18	29
4	2018-19	34
5	2019-20	35

As total of 381 staff members from various departments attended various international and national level conferences during the past five years with financial support from the institution.

Number of Teachers sponsored for Curricular Enhancement Activities

Sr. No.	Year	No. of teachers provided with financial support
1	2015-16	79
2	2016-17	72
3	2017-18	74
4	2018-19	76
5	2019-20	80

Total 358 faculty members attended various program like FDPs, Workshop, Seminars & Short-term courses during the past five years.

Sr. No.	Year	No. of teachers attended Faculty Development Programs
1	2015-16	56
2	2016-17	61
3	2017-18	78
4	2018-19	83
5	2019-20	80

The faculty members from various departments like CSE, ECE, MECH, CIVIL, EEE, H&S are benefited by these professional development and training programs.

Number of papers published as per UGC list

Sr. No.	Year	No. of papers published
1	2015	25
2	2016	58
3	2017	63
4	2018	55
5	2019	14

6	2020	43
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2020

Title of paper	Name of the author/s	Department	Name of journal
A Supervised Learning Algorithm for Credit Card Fraud Detection	K. Suparna	CSE	Juni Khyat
Supervised Learning Models for Perception of Multi-Traffic Scene	G. Divya	CSE	Juni Khyat
A Deep Learning CNN-framework for Human Blood Cell Classification	Dr. Abdul Ahad	CSE	Mukt Shabd Journal
An Efficient Deep Learning Framework for Human Voice-based Gender Classification	Dr. D. Eshwar	CSE	Mukt Shabd Journal
Autoregressive Integrated Moving Average Model for Prediction of Crypto Currency	P. Vijay	CSE	Juni Khyat
A Machine Learning Framework for Human Activity Recognition	A. Venugopal	CSE	Mukt Shabd Journal
An Efficient Recommender Engine Framework for Movies: Application of Artificial Intelligence	G. Sujatha	CSE	Alochana Chakra Journal
Detection and Classification of Skin Cancer using Deep Learning Convolutional Neural Networks	Ch. Shailaja	CSE	Alochana Chakra Journal
A Machine Learning Framework for Robust Malware Detection	E. Samatha	CSE	Alochana Chakra Journal
Android Application based War Field Spying ROBOT with Night Vision Wireless Camera	Dr. Vipul M Dabhi	ECE	Juni Khyat
Smart Phone Android Operated Humanoid Robot for Landmine Detection with Auto Location Alert	Dr. S. Sreenath Kashyap	ECE	Alochana Chakra Journal
Design of High-Performance Rounding-based Accurate Multiplier for DSP and DIP Systems	Y. Vishwasri	ECE	Mukt Shabd Journal
MEMS-based Hand Gesture Controlled Robot using Raspberry Pi	A.Ramesh	ECE	Juni Khyat
An Efficient and Cost-effective Security System using Face Recognition based Automatic Gate Opening	T. Murali Krishna	ECE	Mukt Shabd Journal
An Efficient and Low-cost Secure System for Women Safety using GSM and GPS	Shaik Imam Vali	ECE	Mukt Shabd Journal
IoT-based Heart Rate Monitoring and Alerting System using NodeMCU	N. Ravinder	ECE	Alochana Chakra Journal
Design and Implementation of Network on Chip Router for Wireless Communications	K. Shyam	ECE	Alochana Chakra Journal
Face Recognition based Attendance	K. Praneeth Kumar,	ECE	Juni Khyat

Tracking System for Education Sectors	P. Vinay Krishna		
Bluetooth-based Speech Operated Robot using Arduino	M. Srilekha, G. Vijaya Lakshmi	ECE	Juni Khyat
Design And Analysis Of Power Transmission System Of E-Bike	Sk Imran	Mechanical	Alochana Cahkra
	Ch. Kranthi Kumar		
	Rajesh Kumar		
	P. Jeyavel		
Fabrication Of E-Bike	B. Sai Praneeth Reddy	Mechanical	Juni Kyat
	Ravi Sai Sravan Gopal		
	V. Chandrakanth		
	P. Kiran		
Design And Analysis Of E-Bike Chassis at Different Load Conditions	K. Om Prakash	Mechanical	Juni Kyat
	K. Prudhvi		
	Koteshwar Rao		
	Y. Aravind Kumar		
	Vinay Kumar. P		
Design And Analysis Of Braking And Suspension System Of E-Bike	A. Anitha Kumari	Mechanical	Juni Kyat
	A. Ranjith		
	Y. Vikas		
	G. Ashok Kumar		
Optimization Of Die Sink Edm Process Parameters Using Taguchi Method With Copper Tungsten Electrode	P. Harika	Mechanical	Mukt Shabd
	R. Vamshidhar Reddy		
	U. Raghavender Reddy		
	K. Ravi Sagar		
Optimization Of MRR And Surface Roughness Values In Milling Process Using Taguchi Method	Raghuram Reddy P	Mechanical	Mukt Shabd
	P. Vamshi Krishna		
	P. Janardhan Reddy		
	T. Achyuth		
Design And Analysis Of Automatic Curry Maker	KVS Phani	Mechanical	Dogo Rangsang Research Journal
	C. Krishnakanth		
	T. Tarun Kumar		
	Avinash Kmar Sinha		
Design And Analysis Of Bio Implant	K. Madanmohan	Mechanical	Alochana Cahkra
	N. Bharadwaj		
	D. Jayakrishna		
Design and Implementation of Automatic Solar Tracking System	Vinay Kumar. P	EEE	Alochana Chakra
Design and Implementation of Automatic Solar Tracking System	S. Ramesh Babu	EEE	Alochana Chakra
Arduino-based Future Generation Alternative Energy Application with Super capacitors	M. Anil Kumar	EEE	Alochana Chakra
Implementation of Solar-based Automatic Irrigation System	A GOPI	EEE	Alochana Chakra

using Internet of Things			
Android Application based Speed and Direction Controlling of DC Motor using Bluetooth	CH RAJINI	EEE	Mukt Shabd
Arduino-based auto power factor correction using Optocouplers and Capacitive Load Banks	K Naresh	EEE	Mukt Shabd
Solar Water Pump Controlling System: A Power Saving Application	P.L.G.MANIKANTA	EEE	Juni Khyat
GSM-based Power Theft Detection with Automatic Power off Facility	K Kranthi Kumar	EEE	Juni Khyat
Footstep Power Generation: An Energy Application for Rural Areas	K Kranthi/ A Balachandra	EEE	Mukt Shabd
GSM and GPS-based Vehicle Accident Detection System using Arduino Microcontroller	A Shiva Kumar	EEE	Juni Khyat
Recycling of concrete	J.Balakrishna	Civil Engineering	Mukt Shabd
	T.Shruthi		
	Venkat Laxman Rao Gummadi		
	Ramu Kyama		
	Shivakrishna Reddy Ibrahimipalli		
	Rohith Reddy Admala		
Estimation of G+3 Building with the floor plan	R.Rajeshwari	Civil Engineering	Mukt Shabd
	K.Chaitanya		
	Sailender Choudhary Lacheta		
	Bhavya Sri Putta Kokkula		
	Sandeep Mantipally		
	Sathish Gotte		
Self-compacting concrete	J.Harish Reddy	Civil Engineering	Mukt Shabd
	Saikumar Kadari		
	Saikumar Bollu		
	Sindhu Thejavath		
Fiber Reinforced concrete	Agnes Burrayayala	Civil Engineering	Mukt Shabd
	V.Sameer Kumar		
	Vamshi Krishna Jadhav		
	Rajesh Paatharla		
	Lakshmi K		

	Srikanth Koduri		
Accident Prediction	A.Rajini Devi	Civil Engineering	Mukt Shabd
	G.Ravi Teja		
	Sandeep Ramarathi		
	Sharath Reddy Thalla		
	Naveen Reddy Vutukuri		
	Suresh Saaki		
	Pradeep Reddy Gangareddy Gari		
Mix Design of Concrete using partial Replacement of sand with Robo Sand	K.Anjaneyulu	Civil Engineering	Mukt Shabd
	S.Swetha		
	Saiprakash Bhukya		
	Prashanth Enugala		
	Naveen K		
	Venkatesh Gundekari		
	Prashanth Kumar Pothuganti		
Crystal structures of the anhydrous and two solvated forms of methyl 4-(4-fluorophenyl)-6-methyl-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate	Gulshan Rani, G. B. Dharma Rao and Deepak Chopra	H&S	Crystallography Journals Online

2019

Title of paper	Name of the author/s	Department	Name of journal
Remote Data Unity Checking with Seclusion Enhancement for Stored Cloud Data	Dr. Marlene Grace Verghese	CSE	International Journal of Research
	G.Divya		
	E.Raghu		
Raspberry Pi Controlled Electronic Signboard	B.Ramesh	CSE	IJERA
	Bala Thripura Sundari		
Student Monitoring System using an IOT & Cloud Mediator	E.Raghu	CSE	IJERA
An Effective Processing of Query with Predictive Energy Saving Online Scheduling Approach	A. Hareesha	CSE	IJMETE
	E.Raghu		
	K.Venkata Ramu		
Content Based Image Retrieval System Using Integrated Feature Extraction Approach	R. Krishna Nayak	CSE	Universal Review
	A. Hareesha		
	A. Shirish		
A System Interpreting and Supervising Database Access for Detection of Anomaly Application	Dr.D. Eshwar	CSE	Universal Review
	Dr Merlene Grace Varghese		
	B.Ramesh		
Improving Search Technique for Searching Data in the Encrypted Cloud	E.Raghu	CSE	IJMETE
	P.Manikarnika		

Storage	B.Ramesh		
VLSI Design and implementation of Approximate Arithmetic Units for Video Encoding using Verilog HDL	Shaik Imam Vali, Y. Vishwa Sri, B. Krishnaveni	ECE	IJR
IoT based Smart Energy Meters Reading System with Auto Theft Identification and Real Time Messaging	P.Snigdha Kamala, Dr Vipul Kumar Manibhai Dabhi, Y. Vishwa Sri	ECE	IJMTE
Performance Analysis of BER in DWT-OFDM with NLMS Equalization under Various Channels	B. Krishnaveni, M.Srilekha, Dr Vipul Kumar Manibhai Dabhi	ECE	UR
Fabrication of AL7075-SiC-Graphite Hybrid Composite by Stir Casting	KVS Phani	Mechanical	International Journal of Engineering Applied Sciences and Technology
Auto Metro Train to Shuttle between stations	K Kranthi Kumar	EEE	International Journal for Science and Advance Research in Technology (IJSART)
Study on Demonetization on Indian Economy	B. Sangeetha	H&S	Asian Journal of Multidimensional Research
Guest Solvent-dependence of the Nano mechanical Response in Substituted Dihydropyrimidinone Crystals	Subhrajyoti Bhandary, Gulshan Rani, S. R. N. Kiran Mangalampalli, G. B. Dharma Rao, Upadrasta Ramamurthy, and Deepak Chopra	H&S	Chemistry An Asian Journal Communication

2018

Title of paper	Name of the author/s	Department	Name of journal
A Novel and Efficient Secure Scheme for Cloud Storage Data with Key Vulnerability	Dr Merlene Grace Varghese	CSE	Universal Review
	R.Krishna Nayak		
	A.Venugopal		
An Efficient Particle Swarm Optimization for Positioning of Multiple Sinks in WSNs	K.Suparna	CSE	International Journal of Research
	G.Divya		
	B.Ramesh		
A Novel Hybrid Model for Stress Detection with Convolutional Neural Networks	Bala Thripura Sundari	CSE	IJMETE
	R.Krishna Nayak		
	K.Suparna		
A New Thresholding based Approach for Wormhole Attack Prevention in MANETs	K.Venkata Ramu	CSE	International Journal of Research
	K.Suparna		
	Bala Thripura		

	Sundari		
Segmentation based Biomedical Image Retrieval with Low-level Feature Extraction	Dr.D. Eshwar	CSE	International Journal of Management, Technology And Engineering
	Dr Merlene Grace Varghese		
	P. Manikarnika		
A Power Efficient Network Layer Routing Protocol Using Cross Layer Design with Ant Colony Optimization	Dr. D. Eshawr	CSE	IJMETE
	B.Ramesh		
	Bala Thripura Sundari		
A Novel Hybrid Model for Stress Detection with Convolutional Neural Networks	Bala Thripura Sundari	CSE	International Journal of Management, Technology And Engineering
	R. Krishna Nayak		
	K. Suparna		
Profitable Routing for Packet Investigation and Recognize Method in Wireless Sensor Networks	Dr.D. Eshwar	CSE	Universal Review
	R. Krishna Nayak		
	K. Suparna		
A New Method for Multihop Communication Over Bluetooth in Smartphones	A.Prakash	CSE	IJECS
A Composition of Process Genetic to Cloud Service Reporter	Bala Thripura Sundari	CSE	Universal Review
	K. Suparna		
	A. Shirish		
An Innovative Mechanism for Optimal Profit of Cloud Supplier and Its Users	Prof. K. Jagan Mohan	CSE	International Journal of Advanced in Management, Technology and Engineering Sciences
	K. Venkataramu		
	G. Divya		
Identify Node Clones in Mobile Wireless Networks Using Fuzzy Based Implementation	R. Krishna Nayak	CSE	International Journal of Advanced in Management, Technology and Engineering Sciences
	K. Suparna		
	Prof. K. Jagan Mohan		
An Efficient Technique for Energy proficient Clustering Based Routing For Packet Split and Merge in Wireless Sensor Networks	A.Prakash	CSE	International Journal of Pure and Applied Mathematics
Knowledge based Propagation for Query Facets	E.Raghu	CSE	International Journal of Research
	A. Shirish		
	A.Prakash		
Supervise Data Service in Multi-Cloud Storage Using Cryptographic Model	K. Bala Thripura Sundari	CSE	International Journal of Advanced in Management, Technology and Engineering Sciences
	K. Venkataramu		
	Dr. K. Kiran Kumar		
On Developing and Performance Evaluation of Adaptive Second Order Neural Network with GA based Training	Dr.Sarat Chandra Nayak	CSE	IJISA

(ASONN-GA) for Financial Time Series Prediction			
Stylized facts of financial time series: A comprehensive analysis	Dr.Sarat Chandra Nayak	CSE	Int. J. Of Recent Trends in Engineering & Research
Using Raspberry Pi to Design Smart Mirror Applications	K.Suparna	CSE	IJETST
	K. Bala Thripura Sundari		
	R.Krishna Nayak		
A New Blended Learning Management System	G.Divya	CSE	IJCRT
Use of Ambiguous Threat Intelligence for Safe Diagnosis of Software Utilizing Cyber Threat Intelligence in SDN Security	B.Ramesh	CSE	IJCRT
	A.Venugopal		
	A.Prakash		
Topic-Based Recommendation with User-Product Subgroup Model	G.Divya	CSE	International Journal of Research
	A.Venugopal		
	G.Saritha		
An Efficient and Secure Scheme for Multi Keyword Ranked Searching	A.Venugopal	CSE	International Journal of Research
	Krishna Nayak		
	P.Manikarnika		
Two-Cloud Secure Database for Numeric-Related SQL Range Queries with Privacy Preserving	Prof.K.Jagan Mohan	CSE	Universal Review
	A.Hareesha		
	B.Ramesh		
Artificial Chemical Functional Link Network for Prediction of Stock Market Index”, Evolving Systems	Dr.Sarat Chandra Nayak	CSE	Evolving Systems , Springer
Novel microstrip Band Pass Filter for C-Band wireless Applications	Dr S SreenathKashyap	ECE	International Journal of Engineering and Technology
Implementation of random Image Visual Cryptography	P. Snigdha Kamala	ECE	International Journal of Research
Differentiated digital passwords for shielding user from password theft	P. Snigdha Kamala	ECE	IJSRR
Design of digital logic circuits using carbon nanotube field affect transistors	P. Snigdha Kamala	ECE	SPJMR
Analysis of Intrinsic factors which influencing the temperature depends of the Id-Vds-Vgscharacterstics of hetero structure thermal FETs based on GaSb/InAs Tunneling Junctions	K. Shyam	ECE	International Journal of Research
Automatic door locking system for Disabled people	K. Shyam	ECE	IJRSET
Design of digital logic circuits using carbon nanotube field affect transistors	Y. Vishwasri	ECE	SPJMR
Implementation of random image visual cryptography	Y. Vishwasri	ECE	International Journal of Research

Novel microstrip Band Pass Filter for C-Band wireless Applications	Dr. Vipul M Dabhi	ECE	International Journal of Engineering and Technology
Review on 'RTOS' Memory management Algorithms	B. Krishnaveni	ECE	International Journal of Research
Differentiated digital passwords for shielding user from password theft	Shaik Imam Vali	ECE	IJSRR
Fine Grained CG using stack approach integration of RTPG	T. Murali Krishna	ECE	IJMETMR
Design and Implementation of An Area Efficient VLSI Architecture for Montgomery modular multiplication	K. Prashanth Reddy, M. Srilekha, B. Chandra Kala	ECE	Universal Review
A New Channel Estimation Approach in MIMO-OFDM System	Dr.S.SreenathKashyap, Shaik imam Vali, P. Snigdha Kamala	ECE	IJMTE
BER Performance Enhancement of MIMO System in a Typical Mobile Radio Environment	Dr Vipul Kumar Manibhai Dabhi, Dr. S. Sreenath Kashyap, Shaik Imam Vali	ECE	International Journal of Research
VLSI Design of Low Power and Area Efficient Approximate Multipliers	Y. Vishwa Sri, K. Prashanth Reddy, M. Ram Reddy	ECE	IJMTE
VLSI Design of Carry Select Adder Based Vedic Multiplier With High Speed and Low Area	K. Shyam, B. Krishnaveni, P. Hemalatha	ECE	International Journal of Research
An Efficient Secure System for Women Based on Raspberry Pi and Internet of Things	P.Snigdha Kamala, Y. Vishwa Sri, S.Sumalatha	ECE	UR
Satellite Image Enhancement with DT-CWT in Discrete and Redundant Wavelet Domain	M.Srilekha, Shaik Imam Vali, B. Chandra Kala	ECE	International Journal of Research
Reduction of Nonlinearities in High Speed OFDM Systems Using Partial Transmit Sequences and Precoding based Techniques	Shaik Imam Vali, Dr. S. Sreenath Kashyap, T. Murali Krishna	ECE	IJMTE
A Low Power VLSI Implementation of Radix-4 Altered Booth Multiplier with Floating Point Division	T. Murali Krishna, B. Revanna, Dr. Vipul M Dabhi	ECE	UR
Bluetooth Based Wheel Chair Prototype for Physically Challenged People	B. Krishnaveni, M. Srilekha, S.Sumalatha	ECE	IJMTE
An Efficient PAPR Mitigation Approach in High Speed OFDM Under Fading Channels	Dr. S. Sreenath Kashyap, Shaik Imam Vali, M. Srilekha	ECE	UR
Design and Parametric analysis of VCO's for low power Applications	Y. Vishwa Sri	ECE	International Journal of Pure and Applied Mathematics

A Robust Jitter Noise Power Reduction in Ultra-Speed Optical OFDM Systems	Dr. S. Sreenath Kashyap, P. Snigdha Kamala, M. Ram Reddy	ECE	IJR
Raspberry PI based Child Safety Management System	P.Snigdha Kamala, K. Shyam,A.Anil Kumar	ECE	UR
IoT based Implementation of Digital Notice Board using Raspberry Pi	M.Srilekha, Shaik Imam Vali, P. Hemalatha	ECE	IJR
Real Time Traffic Light Controlling System Using Morphological Operators and Fuzzy Logic	P.Snigdha Kamala, Dr. S. Sreenath Kashyap, B. Bhavani	ECE	IJR
IoT based Ambulance Prototype for Innovative Traffic Congestion Control System	Dr. S. Sreenath Kashyap, K. Shyam, P. Snigdha Kamala	ECE	UR
Hantzsch reaction: a greener and sustainable approach to 1, 4-dihydropyridines using non-commercial β -ketoesters	G. B. Dharma Rao	H&S	J. Heterocyclic Chem.
INSTITUTION INDUSTRY SOCIETY BRINGING TOGETHER	A SHIVA KUMAR/K KRANTHI KUMAR	EEE	International Journal Of Research And Scientific Innovation (Ijrsi)

2017

Title of paper	Name of the author/s	Department	Name of journal
A Robust Digital Blind Video Watermarking for Aerial Imagery in Wavelet Domain	A.Venugopal	CSE	IJMTE
	K.Suparna		
	M. Praveen		
A Robust Framework for Spying of Malicious Apps in Online Social Network	M. Praveen	CSE	International Journal of Advanced in Management, Technology and Engineering
	B. Saida		
	Krishna Nayak		
Finding Node Collapse in Mobile Wireless Networks: A Feasibility Model	P.Janaki	CSE	Universal Review
	K. Bala Thripura Sundari		
	P.Manikarnika		
Compatibility Encryption Scheme with Function Key Revocation Technique in Cloud Computing	A.Venugopal	CSE	IJMTE
	K.Bala Thripura Sundari		
	B.Ramesh		
A Robust and Secure Multi-keyword Ranked Search over Encrypted Cloud Data	P.Janaki	CSE	IJR
	B.Ramesh		
	T.Aswani		
Empower Updation of Ensure Location in	A.Venugopal	CSE	Universal Review

Geosocial Applications	G.Saritha		
	K. Suparna		
Assignment Seclusion Secure Location Proof Updates for Mobile Application	Prof. Jagan Mohan	CSE	Universal Review
	G.Saritha		
	G.Divya		
Assured Data in Cloud using Cryptographic Methods	K.Bala Thripura Sundari	CSE	Universal Review
	Krishna Nayak		
	G.Divya		
A Novel Heterogeneous Framework for Public Cloud Storage	K.Venkata Ramu	CSE	IJMTE
	Prof. Jagan Mohan		
	A. Venugopal		
A Robust Detection of Packet Dropping Attacks in Mobile Ad-hoc Networks	B. Saida	CSE	International Journal of Research
	M. Praveen		
	K. Suparna		
A Static Approach for Routing Inquiries in Amorphous Peer-to-Peer Networks	B.Saida	CSE	Universal Review
	K. Suparna		
	Krishna Nayak		
Development and Performance Evaluation of Adaptive Hybrid Higher Order Neural Networks for Exchange Rate Prediction	Dr.Sarat Chandra Nayak	CSE	International Journal of Intelligent Systems and Applications
An Efficient Mechanism to Embed Security and Congestion Control using Randomized Dispersive Routing in Wireless Sensor Networks	Dr.Sarat Chandra Nayak	CSE	IJIACS
Load Balancing and Efficient Cloud Analysis Service in Social Networks	Dr.Sarat Chandra Nayak	CSE	Universal Review
	K.Venkata Ramu		
	A.Hareesha		
Autonomous Data Diffusion communal Wireless Sensor Network with Intense Randomized Multipath Methods	A.Prakash	CSE	IJETST
Modern Approach of Student Performance through Advanced Evaluating Technique	A.Prakash	CSE	IJRCCE
Content based File Sharing System with Dynamic Peer-to-Peer Networks	R.Krishna Nayak	CSE	Universal Review
	Dr. K. Jagan Mohan		
	K.Suparna		
Artificial chemical reaction optimization based neural net for virtual data position exploration for efficient financial time series forecasting	Dr.Sarat Chandra Nayak	CSE	Ain Shams Eng
An Efficient Secure System for Data Integrity and Replication in Cloud	K.Bala Thripura Sundari	CSE	IJMTE
	Dr.K.Kiran Kumar		
	K.VenkataRamu		
Temperature Analysis of Ge/Si Hetero	Dr.Sanjeet K Sinha	ECE	Super lattices and

junction SOI-Tunnel FET			Microstructures
GSM and Web server base industrial parameter monitoring and controlling system	P.Snigdha Kamala, Dr. S. Sreenath Kashyap	ECE	IJR
Low power programmable PRPG with test compression capabilities	P.Snigdha Kamala, Dr. S. Sreenath Kashyap	ECE	International Journal of Research
Smart environmental monitoring system using Wireless Network	P.Snigdha Kamala, Dr. S. Sreenath Kashyap	ECE	International Journal of Research
Design and Implementation of Area-Efficient Dual-Mode Double Precision Floating Point Division	K. Shyam	ECE	International Journal of Research
Electronic measurement of Milk adult ratio using microwave frequencies	Dr. S P VenuMadhavaRao	ECE	International Journal of Research
Robust unspoken speech recognition algorithm using long short term memory-deep neural networks approach	Dr. S P VenuMadhavaRao	ECE	International Journal of Advance Research in Science and Engineering
Efficient design for FIR Filter Architecture for fixed and Reconfigurable Applications	K. Prashanth Reddy, M. Srilekha, B. Chandra Kala	ECE	UR
A New User Interface for Effective Search Result Clustering Based Image Retrieval System	Dr. S. Sreenath Kashyap, Shaik imam Vali, S. Suma latha	ECE	IJMTE
Design of High Performance ALU Using Vedic Mathematics	Y. Vishwa Sri, K. Prashanth Reddy, K.Shyam	ECE	IJAMTES
Advanced Parallel CRC Circuits for Modern Cryptographic Communications	K. Shyam, Y. Vishwa Sri, B. Nagalaxmi	ECE	IJR
Quantitative Analysis of Magnetic Resonance Images for Pre-Processing Techniques	Shaik Imam Vali, Dr. S. Sreenath Kashyap, P. Snigdha Kamala	ECE	IJAMTES
Medical Image Fusion Based on Transformation Domain Approaches	Dr. S. Sreenath Kashyap, P. Snigdha Kamala, TreasaJincy Joseph	ECE	UR
FPGA Design and Implementation of High-Speed RSD using ECC Processor	K. Prashanth Reddy, Dr. S. Sreenath Kashyap, Y. Vishwa Sri	ECE	UR
An Efficient Architecture for Low Power RPR based ANT Multiplier	Y. Vishwa Sri, P. Snigdha Kamala, Shaik Imam Vali	ECE	IJR
MR Brain Image Segmentation using Advanced Fuzzy K-Means Clustering	M.Srilekha, K. Shyam	ECE	IJAMTES

with Estimate Arguing			
Critical Component Identification in Analog Electronic Circuits using Sensitivity Analysis.	Dr. S P VenuMadhavaRao	ECE	International Journal of Emerging Research in Management and Technology
Intelligent drip irrigation system based on Remote monitoring	Y. Vishwa Sri, K. Shyam	ECE	IJEEME
Intelligent drip irrigation system based on Remote monitoring	K. Shyam, Y. Vishwasri	ECE	IJEEE
Face Recognition with the Help of Genetic Algorithm	Dr. Goutam Chatterjee	ECE	IJRASET
Comparison of Two Pixel based Segmentation Algorithms of Color Images by Histogram	Dr. Goutam Chatterjee	ECE	IJIEASR
Solvent - free synthesis of Polyhydroquinoline Derivatives employed by mesoporous vanadium ion doped titania nanoparticles as robust heterogeneous catalyst via hantzsch reaction	Dr. S. Nagakalyan	Mechanical	RSC Advances
Non-linear finite element analysis and parametric study of adhesively bonded aluminum single lap joint	Mr. Viresh G Patil	Mechanical	Ijsrd-international journal for scientific research & development
Three dimensional geometrical nonlinear finite element analysis in adhesively bonded joints	Mr. Viresh G Patil	Mechanical	International journal of advance Research and innovative ideas in education
“Non-linear finite element analysis of stress distributions across the adhesive thickness in adhesively bonded aluminum single lap joint”	Mr. Viresh G Patil	Mechanical	IJSRD
Stress and normal mode analysis of nose landing gear door for typical trainer aircraft	Mr. Viresh G Patil	Mechanical	International journal of advance Research and innovative ideas in education
Numerical investigation of fluid flow and heat transfer in a rectangular channel with longitudinal vortex generators	Mr. M. Vinoop Reddy	Mechanical	International journal of engineering research
Magneto hydrodynamic convective heat and mass transfer in a micro polar fluid	Mr. M. Vinoop Reddy	Mechanical	International journal of research in mechanical engineering
Fatigue surface crack detection by Fluorescent Die Penetrant Test Technique on Welded Engineering Service components	Mr. K V S Phani	Mechanical	IRJET
Semiautomatic Material Carrier for	Mr. K V S Phani	Mechanical	IRJET

Mining & Tunneling Applications			
Static Analysis of Human Knee Joint	Mr. P. Vinay Kumar	Mechanical	Mechanics, Material Science and Engineering
Fatigue surface crack detection by Fluorescent Die Penetrant Test Technique on Welded Engineering Service components	Mr. G. Kedarnath	Mechanical	IRJET
Semiautomatic Material Carrier for Mining & Tunneling Applications	Mr. G. Kedarnath	Mechanical	IRJET
Active Buck – Boost Inverter for Inverter fed Induction Motor Applications	K. Sreepal Reddy	EEE	International Journal of Research (IJR)
A Three Phase Cascade Multilevel Inverter Based on a new Basic Unit with less Number of Switches for Grid Applications	K. Sreepal Reddy	EEE	International Journal of Research (IJR)
Simulation of solar high gain DC-DC Isolated Converter for Ac Motor System.	K. Sreepal Reddy	EEE	International Journal of Research (IJR)
PV based high step up input parallel output series DC-DC converter with Dual Coupled Inductors	K. Sreepal Reddy	EEE	International Journal of scientific engineering & technology research(IJSETR)
Case Study Of Maximum Power Point Tracking Techniques For Photovoltaic Systems	A Shiva Kumar/K Kranthi Kumar	EEE	International Journal For Research In Engineering Application & Management(Ijream)
The study of Response and renewable energy management using continuous time optimization	K Kranthi Kumar/K Sravanthi	EEE	International Journal For Research In Engineering Application & Management(Ijream)
Design and Implementation of Single Phase Solar PV System with grid Interfacing	K Lranthi Kumar/ Manikanta P.Lg.	EEE	International Journal For Research In Engineering Application & Management(Ijream)
Stochastic Transmission Impedance Control for Enhanced for Renewable Power Integration	K Kranthi Kumar	EEE	International Journal For Research In Engineering Application & Management(Ijream)
Performance and design of cold mix asphalt	A. Shravan kumar	Civil Engineering	IJSRD
Growth and Characterization of (1-x)PbMg _{1/3} Nb _{2/3} O ₃ -xPbTiO ₃ Single crystals	G. B. Dharma Rao	H&S	Transylvanian Review,
Solvent-free synthesis of	G. B. Dharma Rao	H&S	RSC Advance,

polyhydroquinoline derivatives employed by mesoporous vanadium ion doped titania nanoparticles as robust heterogeneous catalyst via Hantzsch reaction			
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2016

Title of paper	Name of the author/s	Department	Name of journal
Dependable Argument Auditing for Allot Cloud Data with Message Authentication Code	A.Venugopal	CSE	IJMTE
	K.Suparna		
	M. Praveen		
Online Tweet Summarization and Ranking for Named Institution Impression	P.Manikarnika	CSE	Universal Review
	A.Venugopal		
	R.Krishnanayak		
An Efficient and Dynamic Path Reconstruction in Wireless Networks	Dr.Sarat Chandra Nayak	CSE	IJR
	K.VenkataRamu		
	A.Hareesha		
Designing a Platform for Multi Data Stores Operations on Cloud Computing Environment	Ms. B. Divya Chowdary	CSE	IJRAET
Identification of Telugu Script in a Bilingual Document Image	B.Ramesh	CSE	IJSR
An Novel Approach to determine Misbehaving nodes in MANETs	Mr Karthik Jilla	CSE	JoRSTEM
Designing Privacy Protective and Content Safe protocol for Location Based Services	Mr B. Pavan Kumar	CSE	IJPRES
Advanced Security Mechanism at ATM Centers	A.Prakash	CSE	IJARCCE
A Multi-Level Privacy Aware Patient Self-Controllable Authentication Scheme in m-Healthcare Cloud Computing	Ms.B.Divya Chowdary	CSE	IJPRES
An Efficient Adaptive Privacy Policy Prediction Approach for User Uploaded image on content sharing sites	Dr. K. Jagan Mohan	CSE	IJOEET
Designing Privacy Protective and Content Safe protocol for Location Based Services	Mr.S.Thirupati	CSE	IJPRES
A Secure and Dynamic Multi-keyword Ranked Search Scheme over Encrypted Cloud Data	Ms.G.Divya	CSE	JETIR
Fluctuation prediction of stock market index by adaptive evolutionary higher order neural networks	Dr.Sarat Chandra Nayak	CSE	IJSI
Efficient forecasting of financial time series data with virtual adaptive neuro-fuzzy inference system	Dr.Sarat Chandra Nayak	CSE	IJBFMI
Forecasting Foreign Exchange Rates Using CRO Based Different Variants of	Dr.Sarat Chandra Nayak	CSE	IJCSE

FLANN and Performance Analysis			
Appreciate Disagreeable Facebook Model in Online Social Network	Dr.Dilip Kumar Manothra	CSE	IJMTE
	K.Suparna		
	G.Saritha		
Analysis of Reuse Technique for Cloud lifecycle & Emergence of Software Patterns	Mrs. K. B. T. Sundari	CSE	IJARF
Development and Analysis of Anamoly Detection Approaches	Prof.K.Jagan Mohan	CSE	IJR
	K.Bala Thripura Sundari		
	A.Venugopal		
Organize and seek physical items by real time embedded applications using Raspberry Pi	L. Nishanthini	ECE	IJRSE
Design and implementation of intelligent smart traffic control system for emergency ambulance clearance and stolen vehicle detection	Y. Vishwa Sri, B. Chandrakala	ECE	IJRAET
Agricultural automation using internet of things	K. Shyam, M. Ram Reddy	ECE	IJPRES
Location identification of unreachable areas using GPS	K. Prashanth Kumar, S. Rajashekar	ECE	IJPRES
Personal health monitoring using Android based mobile devices	B. Nagalaxmi, M. Usha Rani	ECE	IJPRES
Communication optimization of sparse matrix-vector multiply on GPUS and FPGAS	L. Nishanthini	ECE	IJRAET
Speed controlling and data estimating system with ZIGBEE	G. Ambika Rani, S. Venkatesh	ECE	IJPRES
Embedded based blood bank help desk system with GSM technology	Y. Vishwa Sri, P. Hemalatha	ECE	IJPRES
GSM Based motor control system for Home Plantation	Y. Vishwa Sri	ECE	IJATES
A methodology of traffic signal estimation using ZIGBEE	A. Anil Kumar, B. Chandrakala	ECE	IJPRES
Door access control and home security system based on face recognition	K. Shyam, K. Daniel	ECE	IJPRES
Numerical Analysis and Modeling of Microstrip Patch Antennas with Embedded Defective Ground Structure	Dr. SreenathKashyap	ECE	International Journal of Electrical and Electronics Engineering
Shaft Driven Bicycle	Mr. G. Kedarnath	Mechanical	IJARIE
Automatic Side Stand Retrivel System	Mr. G. Kedarnath	Mechanical	IJARIE
Automatic Pneumatic Bumper for Two Wheeler	Mr. G. Kedarnath	Mechanical	IJARIE
Adaptive Front Lighting System	Mr. G. Kedarnath	Mechanical	International journal of research in

			mechanical engineering
A review on hollow fiber composites as substitute Material for machine and structural Members	Mrs. J. Nalini Kumari	Mechanical	IJSR
A Literature Review on composite Material For Drive Shaft	Mrs. J. Nalini Kumari	Mechanical	Journal of Science and Technology
Design and analysis of all-terrain vehicle	Mr. P. Vinay Kumar	Mechanical	IOSR-Journal of Mechanical & Civil Engineering
Green approach towards synthesis of 3-Substituted 5-Carbonylmethyl-1,2,4-oxadiazoles without any solvent and catalyst via Transamidoximation	Dr. Ravi Gujjula	Mechanical	International Journal of advanced research
Tensile & Flexural Properties of Cat-Tain Fiber Reinforced Unsaturated Polyester Composite	Mr. K V S Phani	Mechanical	IJEART
Design, synthesis, and characterization of (1-(4-aryl)-1H-1,2,3,4-tetrahydropyrimidine-5-carboxylates against Mycobacterium tuberculosis	K N Venugopala, G.B. D Rao, S Bhandary, Mahesh Attimarad, Osama Ibrahim Alwassil, Sree Harsha, K M	H&S	Drug Design, Development and Therapy
Power Quality Improvement of UPQC with PV system feed BLDC Drive applications	K Sreepal Reddy	EEE	International Journal of Advanced Technology & Innovative Research(IJATIR)
Transformer less DVR super capacitor based induction motor drive applications	K Sreepal Reddy	EEE	International Journal for modern trends in science and technology (IJMTST)
Adaptive control scheme of BLDC drive enhance D-STATCOM operation in power distribution system	K Sreepal Reddy	EEE	International Journal of Research (IJR)
Design and simulation of hybrid energy system with single phase 7 – level inverter	K Sreepal Reddy	EEE	International Journal of scientific engineering & technology research(IJSETR)
Control of Dynamic Voltage Restorer Using SRF Theory for Industrial Applications	K Sreepal Reddy	EEE	International Journal of scientific engineering & technology research(IJSETR)
Performance analysis of hybrid energy system with 5-level inverter fed induction motor	K Sreepal Reddy	EEE	International Journal of Research (IJR)
Adaptive variable speed control scheme	K Sreepal Reddy	EEE	International Journal

for wind based on PFC of BLDC drive applications			for modern trends in science and technology (IJMTST)
Integrating Renewable Sources for grid Connected Distributed generation system using Fuzzy Controller fed PMSM Drive	K Sreepal Reddy	EEE	International Journal of Research (IJR)
Reduced Switch Count Multi Level Inverter for Renewable Energy Source Application	K Sreepal Reddy	EEE	International Journal of scientific engineering & technology research(IJSETR)
Design and Simulation of Single phase Isolated Z- Source Inverter for BLDC Drive System	K Sreepal Reddy	EEE	International Journal of scientific engineering & technology research(IJSETR)
A Novel Droop Control Method for Dynamic Load Sharing between DC to DC Convertors for DC Motor Applications	K Sreepal Reddy	EEE	International Journal of scientific engineering & technology research(IJSETR)
Design and simulation of PV based Multi-Level Inverter to Reduce Leakage Current FED Induction Motor Drive	K Sreepal Reddy	EEE	International Journal of scientific engineering & technology research(IJSETR)
Enhancement of Power Quality in Distribution Systems by using Third Harmonic Injection Over SPWM, SVPWM PWM Techniques	K Sreepal Reddy	EEE	International Journal of scientific engineering & technology research(IJSETR)
Evaluation and design of flyover using Staad pro	B. Shankar	Civil Engineering	IJPRES
Planning and design of multi star caravansary using Staad pro	K. Rakesh Reddy	Civil Engineering	IJRAET
Experimental investigation of partial replacement of cement with fiber reinforced concrete	S. Srikanth	Civil Engineering	IJPRES
GREEN APPROACH TOWARDS SYNTHESIS OF 3-SUBSTITUTED-CARBONYLMENTYL-1,2,4-OXADIAZOLES WITHOUT ANY SOLVENT AND CATALYST VIA TRANSAMIDOXIMATION	G.B Dharma Rao and Ravi Gujjala	H&S	International Journal of advanced Reasearch(IJAR)
Development and Analysis of Anamoly Detection Approaches	Prof.K.Jagan Mohan	CSE	IJR
	K.Bala Thripura Sundari		
	A.Venugopal		

Title of paper	Name of the author/s	Department	Name of journal
Analysis of Health Care Systems using Advanced Requirement Engineering Process	R.Krishnanayak	CSE	IARJSET
Semantic Image Retrieval Approach with Hidden Markov Model on Content Sharing Sites	K.Venkata Ramu	CSE	Universal Review
	B.Ramesh		
	Dr.K.Kiran Kumar		
Artificial Chemical Reaction Optimization of Neural Networks for Efficient Prediction of Stock Market Index	Dr.Sarat Chandra Nayak	CSE	Ain Shams Engineering Journal
Comparison of Performance of Different Functions in Functional Link Artificial Neural Network: A Case Study on Stock Index Forecasting	Dr.Sarat Chandra Nayak	CSE	Springer
A Pi-Sigma Higher Order Neural Network for Stock Index Forecasting	Dr.Sarat Chandra Nayak	CSE	Springer
An adaptive second order neural network with genetic algorithm based training (ASONN-GA) to forecast the closing prices of the stock market	Dr.Sarat Chandra Nayak	CSE	IJAMC
A Brief understanding on Objectives of Distributed	Dr. K. Jagan Mohan	CSE	AIRO.CO.IN
Realization of Analog Circuits using Double Gate MOSFET at 32nm CMOS Technology	Dr. S P Venu Madhav	ECE	International Journal of Computer Applications
Novel methodology of the Ultra Sonic Beam in Linear Array Transducer for HF Applications	Dr. S P Venu Madhav	ECE	Journal for Research
Design of Fractal Antennas Using High Frequency Structure Simulator	Dr. S P Venu Madhav	ECE	International Journal of Innovative Science, Engineering and Technology
Realization of Analog circuits using Double Gate MOSFET at 32nm CMOS Technology	Dr. S P Venu Madhav	ECE	International Journal of Computer Applications
Stacked Dual Oxide Nano MOS Parameter Optimization for 3-D IC Realization.	Dr. S P Venu Madhav	ECE	Elsevier, Procedia Material Science
Nano-fractal electrodes use in Electroencephalography (EEG) array generation to map with Speech signals	Dr. S P Venu Madhav	ECE	Elsevier, Procedia Material Science
Heat Transfer Process Control in Integrated Circuits at Nano Meter Sizes	Dr. S P Venu Madhav	ECE	Elsevier, Procedia Material Science
Sensitivity, Pole-Zero and Distortion Analysis of State Variable Filter with Multiple Faults	Dr. S P Venu Madhav	ECE	Elsevier, Procedia Material Science
A New Smart Seismic Approach for Earthquake Detection using PIC and	Dr. S P Venu Madhav	ECE	International Journal and Magazine of

Raspberry PI			Engineering, Technology, Management and Research
Multiple Fault Diagnosis of Analog Electronic Circuits	Dr. S P Venu Madhav	ECE	International Journal and Magazine of Engineering, Technology, Management and Research
Near Field Communication Detector – A low Power SOC Implementation	Dr. S P Venu Madhav	ECE	International Journal and Magazine of Engineering, Technology, Management and Research
Experimental investigation of hydrodynamics of gas-solid flow in an internally circulating fluidized bed	Dr. Ravi Gujjula	Mechanical	Canadian journal of chemical engineering
Prediction of solid recirculation rate and solid volume fraction in an internally circulating fluidized bed	Dr. Ravi Gujjula	Mechanical	International journal of computational methods
Hydrodynamic study of gas-solid internally circulating fluidized bed using multi-phase cfd model,	Dr. Ravi Gujjula	Mechanical	Journal of particulate science & technology
Performance Analysis of Boost and Cub Converters under Variable Irradiation for Synchronous Drive Based water Pumping Applications	K.Sreepal Reddy	EEE	International Journal& Magazine of engineering, Technology, Management and Research (IJMETMR)
A Mini Review; Biginelli Reaction for the Synthesis of Dihydropyrimidinones	B. Anjaneyulu and G.B. Dharma Rao	H&S	International Journal of Engineering&Technology Reasearch
Nucleation behavior and formation of recrystallization texture in pre-recovery treated heavily cold and warm-rolled Al-2.5wt.%Mg alloy	J.R.Gatti,P.P.Bhattacharjee	H&S	Materials Characterization
Effect of Prior Recovery Treatment on the Evolution of Cube Texture Annealing of Severely Warm-ROLLED Al-2.5wt pctMg Alloy	J.R.Gatti,P.P.Bhattacharjee	H&S	Metallurgical and Materials Transactions

Number of books and chapters in edited volumes/books published and conference papers published

Sr. No.	Year	No. of books/ papers published
1	2015-16	14
2	2016-17	9
3	2017-18	5
4	2018-19	6
5	2019-20	5

2019-20

Sr. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference
1.	Mr. Sarat Chandra Nayak	Development and Performance Analysis of Fireworks Algorithm-Trained Artificial Neural Network (FWANN): A Case Study on Financial Time Series Forecasting	NA	NA	NA
2.	Ms. P. Harika	NA	Micro Drilling of Glass Fiber Reinforced Poly Composites.	Materials Today: Proceedings	International Mechanical Engineering Congress 2k19
3.	Mr. Vinay Kumar. P	NA	Reduction of Contact Stress between Total Knee Joint Replacement	Souvenir 2nd International Conference on Innovations in Mechanical Engineering	2nd International Conference on Innovations in Mechanical Engineering
4.	Raghu Ram Reddy. P	NA	Optimization of EDM Process Parameters by Using Coated Electrodes	Souvenir 2nd International Conference on Innovations in Mechanical Engineering	2nd International Conference on Innovations in Mechanical Engineering
5.	Karanam MadanMohan	NA	Computational Fluid Dynamics Analysis of Swirling Flow Fields in Axisymmetric Gas Turbine Combustor	Souvenir 2nd International Conference on Innovations in Mechanical Engineering	2nd International Conference on Innovations in Mechanical Engineering

2018-19

Sr. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the	Name of the conference
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				conference	
1.	Dr.D. Marlene Grace Verghese	NA	Solving the Complexity of Geometry Friends by using Artificial Intelligence	International Conference on Data engineering and communication Technology (ICDECT-2019)	International Conference on Data engineering and communication Technology (ICDECT-2019)
2.	B. Sangeetha	NA	A Review on Financial Services with reference to Banking sector	GEC's International Journal of Innovation Technology and Management	GEC's International Journal of Innovation Technology and Management
3.	Covina	NA	Software Project Effort and Cost Estimation Using Regression Testing and Adaptive Firefly Algorithm	Recent Challenges In Engineering and Technology(ICRCET)	Recent Challenges In Engineering and Technology(ICRCET)
4.	B. Sangeetha	New Business Avenues in Telangana State (Book Chapter) A Study on Employee Engagement in digital Economy	NA	NA	NA
5.	Dr. SreenathKashyap	Information Technology in Water Harvesting Hand Book of Water Harvesting and Conversation	NA	NA	NA
6.	S.C.Nayak	Research on Modeling , Analysis and Application of Met heuristic	Escalation of Prediction Accuracy with Virtual Data : A Case Study on Financial Time Series	NA	NA

2017-18

Sr. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference
1.	S. C. Nayak	Research on Modeling , Analysis and Application of Nature	DE Based RBFN,S For Classification With Special Attention to Noise	NA	NA

			Removal and Irrelevant Features		
2.	C.Veena	NA	Novel Homomorphic Encryption Scheme in Cloud Computing	International Conference on Trends In Engineering, Management, Pharmacy and Science (ICTEMPS)	International Conference on Trends In Engineering, Management, Pharmacy and Science (ICTEMPS)
3.	Dr. D. Marlene Grace Verghese	NA	Enhanced Re-enforcement Learning Technique Using AI	National Level Conference on Current Trends of Information Technology[Tec fleet 2k18]	National Level Conference on Current Trends of Information Technology[Tec fleet 2k18]
4.	Mr. Viresh G Patil	NA	Effect of groove area on angular distortion in CO ₂ arc welding process	International conference on emerging technological innovations in mechanical engineering	International conference on emerging technological innovations in mechanical engineering
5.	A. Shiva Kumar	NA	Bio-Mass, Wind and Solar PV Hybrid Energy System for OFF Grid Applications in India	International Conference on Advanced Engineering and Information Technology	International Conference on Advanced Engineering and Information Technology

2016-17

Sr. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference
1.	Dr.Sanjeet K. Sinha	NA	Pre-Computation Logic for Low Power 4-Bit Comparator Circuit	IEEE 2017 International Conference on Telecommunication, Power Analysis and Computing Techniques (ICTPACT 2017)	IEEE 2017 International Conference on Telecommunication, Power Analysis and Computing Techniques (ICTPACT 2017)
2.	Dr.Sarath	NA	An integratedCRO	Materials	International

	Chandra Nayak		and pi-sigma neural network based forecasting model for financial time series with virtual data positions	Today: Proceedings	Conference on Artificial Intelligence and Evolutionary Computational in engineering Systems (ICAIECES)
3.	Dr. Ravi Gujjula	NA	Removal of copper and cadmium using industrial effluents in continuous column studies by mixed adsorbent	International conference on advances in the field of health, safety, fire, environment, allied sciences and engineering	International conference on advances in the field of health, safety, fire, environment, allied sciences and engineering
4.	Dr. Ravi Gujjula	NA	Influence of heat treatment on mechanical and micro structural properties of titanium alloys for enhanced applications	Materials Today: Proceedings	International conference on advancements in materials for manufacturing,
5.	Dr. S. Nagakalyan	NA	Comparative Study on Vibration Energy Harvesting using Wind Spear	National conference on Recent Innovations in Mechanical and Manufacturing Engineering (RIMME)	National conference on Recent Innovations in Mechanical and Manufacturing Engineering (RIMME)
6.	Mr. P. Srinivasa Kumar	NA	Analysis On Crack Propagation In Ti-6al-4v Skin Under Tensile Loading	Int.Conerence on Emerging Technologies in Mechanical Studies (ICEMS-16)	on Emerging Technologies in Mechanical Studies (ICEMS-16)
7.	S. C. Nayak	Improving Performance of Higher Order Neural Networks Using Artificial Chemical reaction Optimization: A case Study on Stock Market Forecasting	NA	NA	<u>NA</u>

8.	S. C. Nayak	Adaptive Hybrid Higher Order Neural Networks for Production of Stock Market Behavior	NA	NA	<u>NA</u>
9.	Dr.S. SreenathKashyap	NA	Novel Stacked Patch Array antenna with embedded defective ground structure for wireless applications	2016 Progress in Electromagnetic Research Symposium (PIERS)	Progress in Electromagnetic Research Symposium (PIERS)

2015-16

Sr. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference
1.	Dr.S. SreenathKashyap	NA	Electromagnetically Coupled Microstrip Patch Antennas with Defective Ground Structure for High Frequency Sensing Applications	Walter De Greyuter, Proceeding of CNC 2016, Bangalore India	Walter De Greyuter, Proceeding of CNC 2016
2.	Dr.Sanjeet K Sinha, K. Shyam, L. Nishanthini	NA	Nanowire- FET devices for future Nano technology	first international conference on recent innovations in engineering and technology	first international conference on recent innovations in engineering and technology
3.	Dr.D.Marlene Grace Verghese	NA	Convolutional Neural Networks for Text Categorization Using Concept Generation	International Conference on Emerging Multidisciplinary Research and Computational Intelligence (ICEMRCI)	International Conference on Emerging Multidisciplinary Research and Computational Intelligence (ICEMRCI)
4.	Dr. S. Nagakalyan	NA	Reverse Engineering- an Overview	National conference on Recent Innovations in Mechanical and Manufacturing	National conference on Recent Innovations in Mechanical and Manufacturing

				g Engineering (RIMME)	Engineering (RIMME)
5.	Mr. P. Vinay Kmar	NA	Geometrical modeling of human knee joint implant.	1 st National conference on Recent innovations in Mechanical & Manufacturing Engineering	1 st National conference on Recent innovations in Mechanical & Manufacturing Engineering
6.	Dr. Ravi Gujjula	NA	Prediction of solid recirculation rate and solid volume fraction in an ICFB	International Journal of Computational Methods	Asia pacific congress on computational mechanics & 4 th International symposium on computational mechanics
7.	Dr. Ravi Gujjula	NA	CFD simulation studies on flow visualization and drag estimation for different geometrical objects	International conference on computer aided engineering	International conference on computer aided engineering
8.	Mr. P. Vinay Kmar	NA	Optimum design of heat sink for natural convection	Proceedings of International Conference on Emerging Trends in Electronics & Telecommunications (ICETET-15)	3 rd International conference on "emerging trends in electronics and telecommunications 2015
9.	Mrs. J. Nalini Kumari	NA	Optimum design of heat sink for natural convection	Proceedings of International Conference on Emerging Trends in Electronics & Telecommunications (ICETET-15)	3 rd International conference on Emerging trends in electronics and telecommunications
10.	G.B.Dharma Rao,	NA	solvent-free Synthesis of Dihydropyrimidines/Thiones and	Innovative Development in Science	NCIDSTM-2015

			Naphoxazinones Derivatives Using Recyclable Mesoporous Mixed Metal Oxide Nanocrystals as Robust and EFFICIENT Heterogeneous Catalyst		
11.	Dr.S. SreenathKashyap	Applied Physics	NA	NA	NA
12.	Dr.S. SreenathKashyap	NA	Electromagnetically coupled Microstrip Patch Antennas for Terahertz Applications	<i>2015 7th International Conference on Computational Intelligence, Communication Systems and Networks, Riga, 2015, pp. 45-50</i>	IEEE
13.	Dr.S. SreenathKashyap	NA	Compact Microstrip Antennas for Terahertz Applications	2015 9th Asia Modeling Symposium (AMS)	IEEE
14.	Dr.S. SreenathKashyap	NA	Microstrip Patch Antennas for Terahertz sensing Applications	Advanced Computer and Communication Engineering Technology	Springer, Cham

The institution is focused on the holistic development of the students. In view of this, the institution organizes various other activities such as workshops, seminars, inviting guest faculties, NSS programs, extension activities in the neighborhood community, etc.

Number of extension and outreach programs conducted and different programs conducted by NSS are listed below:

Sr. No.	Year	Number of programs conducted
1	2015-16	14
2	2016-17	17
3	2017-18	19

4	2018-19	22
5	2019-20	25

2019-20

Sr. No.	Name of the activity	Organizing unit/ agency/ collaborating agency	Name of the scheme
1.	Harithaharam	NSS Unit KPRIT in Association with Grampanchayat, Ghanapur[V]	Telangana ku Harithaharam
2.	Program on Stay Home Stay Safe during COVID-19 Pandemic	NSS Unit KPRIT	Program on Stay Home Stay Safe during COVID-19 Pandemic
3.	Covid-19 Awareness Program	NSS Unit KPRIT	Covid-19 Awareness Program
4.	Personality Development Program	NSS Unit KPRIT	Personality Development Program
5.	Swachh Bharath	NSS Unit KPRIT	Swachh Bharath
6.	A Day for A Change	NSS Unit KPRIT	A Day for A Change
7.	National Voters Day	NSS Unit KPRIT	Rashtriya Ektha Diwas
8.	Palle Pragathi	NSS Unit KPRIT and Grampanchayat, Ghanapur [V]	Palle Pragathi
9.	Security Services	NSS Unit KPRIT	Security Services
10.	Awareness Program on AIDS	NSS Unit KPRIT and Vajra Hospital	World AIDS Day
11.	Women Hygiene Management	NSS Unit KPRIT and Kendriya Vidyalaya, NFC Ghatkesar	Women Hygiene Management
12.	Plog Run	NSS Unit KPRIT in Association with i-Volunteers Hyderabad	Plog Run
13.	National Unity Day	NSS Unit KPRIT	National Unity Day
14.	Good Touch-Bad Touch	NSS Unit KPRIT and Kendriya Vidyalaya, NFC Ghatkesar	Good Touch-Bad Touch
15.	Feed the Poor Program in Association with i-volunteers	NSS Unit KPRIT in Association with i-volunteers, Hyderabad	Feed the Poor Program in Association with i-volunteers
16.	National Voluntary Blood Donation Day	NSS Unit KPRIT in association with National Health Mission	National Voluntary Blood Donation Day
17.	Free Health Camp	NSS Unit in Association with Vajra Hospital	Free Health Camp
18.	NSS Day	NSS Unit KPRIT	NSS Day
19.	Swachh Bharath	NSS Unit KPRIT	Swachh Bharath
20.	Awareness Program on Digital India	NSS Unit KPRIT	Awareness Program on Digital India

21.	Awareness Program on Green Ganesh	NSS Unit KPRIT	Awareness Program on Green Ganesh
22.	Awareness Program on Anti-Ragging	NSS Unit KPRIT and Ghatkesar Police	Awareness Program on Anti-Ragging
23.	Vanmahotsav Tree Plantation	NSS Unit KPRIT and Grampanchayat, Ghanpur [V]	Vanmahotsav Tree Plantation
24.	Road Safety Awareness Program	NSS Unit KPRIT	Road Safety Awareness Week
25.	Essay Writing Competition on Mahatma Gandhi	NSS Unit KPRIT	Essay Writing Competition on Mahatma Gandhi

2018-19

Sr. No.	Name of the activity	Organizing unit/ agency/ collaborating agency	Name of the scheme
1.	Earth Day	NSS Unit KPRIT	Earth Day
2.	World Knowledge Day	NSS Unit KPRIT	World Knowledge Day
3.	Free Medical Camp	KPRIT in Association with Vajra Hospital	Free Medical Camp
4.	A Two Mile Walk on Stop Child Abuse	NSS Unit KPRIT Uppal to College	A Two Mile Walk on Stop Child Abuse
5.	World Water Day	NSS Unit KPRIT	World Water Day
6.	World Forest day	NSS Unit KPRIT	World Forest day
7.	Homage to CRPF Jawans	NSS Unit KPRIT	Homage to CRPF Jawans
8.	Awareness Program on Menstrual Hygiene Management	NSS Unit KPRIT	Awareness Program on Women Hygiene Management
9.	Road Safety Week	NSS Unit KPRIT	Road Safety Week
10.	National Girl Child Day	NSS Unit KPRIT	National Girl Child Day
11.	Awareness Program on AIDS	NSS Unit KPRIT in Association with Grampanchayat, Ghanpur [V]	Awareness Program on AIDS
12.	Tree Plantation Program	NSS Unit KPRIT	Tree Plantation Program
13.	National Unity Day	NSS Unit KPRIT	National Unity Day
14.	Awareness Program on Pulse Polio	NSS Unit KPRIT	Awareness Program on Pulse Polio
15.	Swachh Bharat	NSS Unit KPRIT	Swachh Bharat
16.	Blood Donation Camp	NSS Unit KPRIT in Collaboration with Rotary Club of Hyderabad Deccan	Blood Donation Camp
17.	Awareness Program on Women Hygiene Management	NSS Unit KPRIT	Suvudha, Hygiene is comfort
18.	NSS Day Celebrations Clean & Green	NSS Unit KPRIT	NSS Day Celebrations Clean & Green

19.	Plastic Free Village	NSS Unit KPRIT in Association with Yeddulabad [V]	Plastic Free Village
20.	Vanmahotsav	NSS Unit KPRIT	Vanmahotsav
21.	Program on Anti Ragging	NSS Unit KPRIT	Program on Anti Ragging
22.	World Population Day	NSS Unit KPRIT in Association with Yeddulabad [V]	World Population Day

2017-18

Sr. No.	Name of the activity	Organizing unit/ agency/ collaborating agency	Name of the scheme
1.	Earth Day	NSS Unit KPRIT	Earth Day
2.	World Knowledge Day	NSS Unit KPRIT	World Knowledge Day
3.	World Water Day	NSS Unit KPRIT	World Water Day
4.	World Forest day	NSS Unit KPRIT	World Forest day
5.	National Science Day	NSS Unit KPRIT	National Science Day
6.	Swachh Bharat	NSS Unit KPRIT	Swachh Bharat
7.	National Voters Day	NSS Unit KPRIT	National Voters Day
8.	National Girl Child Day	NSS Unit KPRIT	National Girl Child Day
9.	National Youth Day	NSS Unit KPRIT	National Youth Day
10.	Road Safety Week	NSS Unit KPRIT	Road Safety Week
11.	Awareness Program on AIDS	NSS Unit KPRIT in Association with Yeddulabad [V]	Awareness Program on AIDS
12.	Tree Plantation Program	NSS Unit KPRIT	Tree Plantation Program
13.	National Unity Day	NSS Unit KPRIT	National Unity Day
14.	Awareness Program on Pulse Polio	NSS Unit KPRIT in Association with Grampanchayat, Ghanpur [V]	World Polio Day
15.	NSS Day Celebrations	NSS Unit KPRIT	NSS Day Celebrations
16.	Poster Competition- Take a Minute and Change Life	NSS Unit KPRIT	Poster Competition- Take a Minute and Change Life
17.	Clean and Green	NSS Unit KPRIT	Clean and Green
18.	Harithaharam	NSS Unit KPRIT	Telangana Ku Harithaharam
19.	World Population Day	NSS Unit KPRIT in Association with Yeddulabad [V]	World Population Day

2016-17

Sr. No.	Name of the activity	Organizing unit/ agency/ collaborating agency	Name of the scheme
1.	Earth Day	NSS Unit KPRIT	Earth Day
2.	World Knowledge Day	NSS Unit KPRIT	World Knowledge Day

3.	World Water Day	NSS Unit KPRIT	World Water Day
4.	World Forest day	NSS Unit KPRIT	World Forest day
5.	Blood Donation Camp	NSS Unit KPRIT in Association with Lions Club	Blood Donation Camp
6.	National Voters Day	NSS Unit KPRIT	National Voters Day
7.	National Girl Child Day	NSS Unit KPRIT	National Girl Child Day
8.	Youth Training Program	NSS Unit KPRIT in Association with MAA Music	Youth Training Program
9.	Awareness Program on AIDS	NSS Unit KPRIT	Awareness Program on AIDS
10.	Blood Donation Camp	NSS Unit KPRIT on Occasion of Police Commemoration Day	Blood Donation Camp
11.	Flood Relief Activity	NSS Unit KPRIT in Association with T-News	Flood Relief Activity
12.	NSS Day Celebrations Clean & Green	NSS Unit KPRIT	NSS Day Celebrations Clean & Green
13.	Goods in Kind	NSS Unit KPRIT in Association with Sri Keerthana Foundation	Goods in Kind
14.	Swachh Bharat	NSS Unit KPRIT	Swachh Bharat
15.	Harithaharam	NSS Unit KPRIT	Telangana Ku Harithaharam
16.	World Population Day	NSS Unit KPRIT	World Population Day
17.	Vanabharathi-Janabharathi	NSS Unit KPRIT in Association with EENADU News Paper	Vanabharathi-Janabharathi

2015-16

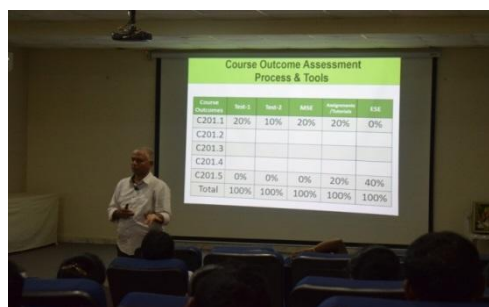
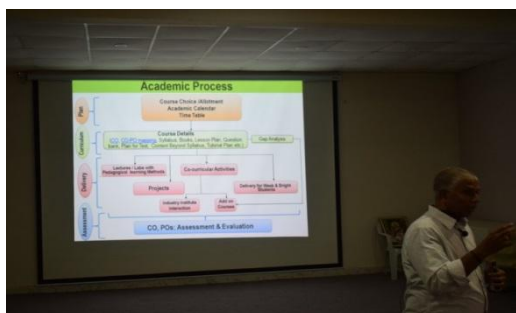
Sr. No.	Name of the activity	Organizing unit/ agency/ collaborating agency	Name of the scheme
1.	Earth Day	NSS Unit KPRIT	Earth Day
2.	World Water Day	NSS Unit KPRIT	World Water Day
3.	World Forest day	NSS Unit KPRIT	World Forest day
4.	Road Safety Week	NSS Unit KPRIT	Road Safety Week
5.	National Girl Child Day	NSS Unit KPRIT	National Girl Child Day
6.	Blood Donation Camp	NSS Unit KPRIT in Association with Rotary Club of Hyderabad Deccan	Blood Donation Camp
7.	Awareness Program on AIDS	NSS Unit KPRIT	Awareness Program on AIDS
8.	National Unity Day	NSS Unit KPRIT	National Unity Day
9.	Awareness Program on Pulse Polio	NSS Unit KPRIT	Awareness Program on Pulse Polio
10.	Swachh Bharat	NSS Unit KPRIT	Swachh Bharat

11.	NSS Day Celebrations	NSS Unit KPRIT	NSS Day Celebrations
12.	Program on Anti Ragging	NSS Unit KPRIT	Program on Anti Ragging
13.	World Population Day	NSS Unit KPRIT	World Population Day
14.	Harithaharam	NSS Unit KPRIT	Telangana Ku Harithaharam

CO, PO, PSO Awareness to Faculty

FDP on Outcome Based Education is organized in association with E&ICT Academy NIT Warangal. Various experts from IIT Kharagpur, NIT Warangal and NIT, Trichy visited the campus and gave in depth knowledge related to OBE in which Course Outcomes; Program Outcomes were the topics discussed in the FDP through which faculty of KPRIT got awareness regarding the OBE.

Few Photographs of FDP in which Course Outcomes, Program Outcomes were discussed



Lecture Schedule of FDP on Outcome Based Education

Faculty Development Program on Outcome Based Education in association with E&ICT Academy-NIT Warangal

Venue: KPRIT, Ghatakesar, Hyderabad Tentative Schedule (29th June to 5th July 2018)

Outcome Based Education Tentative Lecture Schedule (June 29 2018 to July 05, 2018)
College Name: KPRIT, Ghatakesar, Hyderabad

Day & Date	9.00 – 11.00	11.15 -13.15	14.00 – 16.00
29.06.2018 Friday	Registration & Inauguration From 8.30 am	Inauguration & Key Note Address NVSN/TSR	Outcome based Curriculum Design SDK
30.06.2018 Saturday	Outcome-based Curriculum Design discussion Shyamal Das K Mondal	Software Demo Supervised Practice Session for Outcome-based Curriculum Design Shyamal Das K Mondal Active learning methods IAKR	Good Teaching and its Attributes Shyamal Das K Mondal
01.07.2018 Sunday	Essence of effective teaching IAKR		Learning centered instructional strategies IAKR
02.07.2018 Monday	Research Methodologies NVRM	Rubrics AVG	Teaching Tools - Effective Preparation of PPTs (AVG)
03.07.2018 Tuesday	Preparing Effective Assessment Questions AVG	CO-PO Analysis for Continuous Improvement AVG	PO – PSO mapping clues AVG
04.7.2018 Wednesday	OBE & NBA Guidelines ASB	Learning Taxonomies ASB	OBE Strategies ASB
05.7.2018 Thursday	Digital Initiatives in Higher Education-Focus on SWAYAM/MOOCs DVS	Workshop on Development of Course Outcomes DVS	Assessment Tools, Test and Closing Ceremony DVS

NVRM: Prof N V Ramana Rao, Director, NITW ; TSR: Prof T. Srinivasa Rao, Professor of MMED, NITT; SDK: Shyamal Das K Mondal, CET, IITKDP
 IAKR : Prof I A K Reddy, T.LC, NITW; AVG: Prof A Venu Gopal, Professor of Med, NITW; ASB: Prof A Sarat Babu, Professor of Chemical Engg., NITW
 DVS: Prof DVLN Somayajulu, Chair, E&ICT Academy, NITW ; NVSN: Prof N V S N Sarma, Chief Investigator of E&ICT Academy, NITW

Creating Awareness of COs, POs, PSOs, PEOs

Dissemination of COs to the Students Through Syllabus Copy

KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING			
Distribution of Syllabus Copy			
III YEAR II SEM			
Sr.No	Roll No	Name of the Student	Signature
1	16RA1A0535	SAHIB SINGH	<i>[Signature]</i>
2	17BE1A0529	GORAVA VARUN TEJA	<i>[Signature]</i>
3	17BE1A0542	KORRA RAVIKUMAR	<i>[Signature]</i>
4	17BE1A0550	MAHANKALI VENKATESH	<i>[Signature]</i>
5	17BE1A0561	RAGEERU PREM KUMAR	<i>[Signature]</i>
6	17BE1A0564	REDDABOINA RAJABABU	<i>[Signature]</i>
7	17BE1A0570	TEKULA SAI MAHIDAR	<i>[Signature]</i>
8	17BE1A0576	VADI A PRUTHI RAJ	<i>[Signature]</i>
9	17BE1A0581	M RAGHAVENDRA	<i>[Signature]</i>
10	17RA1A0501	NAGIREDDY AKSHATHA REDDY	<i>[Signature]</i>
11	17RA1A0502	GOPAGONI AMISHA	<i>[Signature]</i>
12	17RA1A0503	NALUSANI ANJALI	<i>[Signature]</i>
13	17RA1A0505	GUTAM BABU RAO	<i>[Signature]</i>
14	17RA1A0506	VUPPALA BHANUCHANDER REDDY	<i>[Signature]</i>
15	17RA1A0507	V BHARATH	<i>[Signature]</i>
16	17RA1A0508	DEEKONDA BHARGAV	<i>[Signature]</i>
17	17RA1A0509	THATIKONDA DINESH	<i>[Signature]</i>
18	17RA1A0510	GAJABIMKAR DIVYA	<i>[Signature]</i>
19	17RA1A0513	SHAYVAL ROHITHA	<i>[Signature]</i>
20	17RA1A0514	GANDU MAHESH	<i>[Signature]</i>
21	17RA1A0517	GALAM MANESHA	<i>[Signature]</i>
22	17RA1A0518	MADAGANI MANOHAR GOUD	<i>[Signature]</i>
23	17RA1A0520	A PAVITHRA	<i>[Signature]</i>
24	17RA1A0521	SIRINENI POOJA	<i>[Signature]</i>
25	17RA1A0522	DAKURI PRANAY REDDY	<i>[Signature]</i>
26	17RA1A0523	MASADI PRAVEEN KUMAR	<i>[Signature]</i>
27	17RA1A0524	MUTHA PREM	<i>[Signature]</i>
28	17RA1A0526	YAKKALA SAI PAVAN KUMAR	<i>[Signature]</i>
29	17RA1A0527	POJ REDDY SAIRAM REDDY	<i>[Signature]</i>
30	17RA1A0528	S SAI SRI	<i>[Signature]</i>
31	17RA1A0529	CHINDAM SANDEEP	<i>[Signature]</i>
32	17RA1A0530	MALLELA SANDHYA	<i>[Signature]</i>

33	17RA1A0531	NEVURI SARAYU	<i>[Signature]</i>
34	17RA1A0534	RYAKALA SNIGDHA GOUD	<i>[Signature]</i>
35	17RA1A0536	G SPOORTHI	<i>[Signature]</i>
36	17RA1A0537	GAJULA SRI SAI KAMAL TEJA	<i>[Signature]</i>
37	17RA1A0538	JUTTU SRUJA	<i>[Signature]</i>
38	17RA1A0539	BUSSA SRIKAR	<i>[Signature]</i>
39	17RA1A0540	GALAM SRINIVAS	<i>[Signature]</i>
40	17RA1A0541	SHUSHANTH SINGH	<i>[Signature]</i>
41	17RA1A0542	MARPADAGA TANESH REDDY	<i>[Signature]</i>
42	17RA1A0544	VUPPALA VYSHNAVI	<i>[Signature]</i>
43	17RA1A0545	GUTTULA VENKAT ROHITH	<i>[Signature]</i>
44	17RA1A0546	KOLLURU VENKATESH	<i>[Signature]</i>
45	17RA1A0547	J VINEETH KUMAR	<i>[Signature]</i>
46	17RA1A0548	DASARATHI VIJAY VIHAARI	<i>[Signature]</i>
47	17RA1A0549	GONGINENI VINITHA	<i>[Signature]</i>
48	17RA1A0550	PODDUTURI VINUTHA	<i>[Signature]</i>

[Signature]
 HOD
 Head of the Department -CSE
 Kommuri Pratap Reddy Institute of Technology
 Warangal (V), Ghatakesar (M), Med. Acad (N)

Dissemination of Vision, Mission, POs, PSOs, PEOs to the Students and Stakeholders through News Letters

<p>Vision</p> <p>The Vision of the Department is to provide leading programs in computer science whose graduates are recognized as innovative and well-prepared computing professionals.</p> <p>Mission</p> <p>The Department of Computer Science and Engineering teaches and conducts research in computer science and engineering and provides service to the University, the region, the nation, and the world. Faculty and staff strive to develop future leaders in academia and industry, with excellent technical skills, strong characters, and interesting learning abilities.</p> <p>Program Educational Objectives (PEOs)</p> <table border="1"> <thead> <tr> <th>PEO's</th> <th>Statement</th> </tr> </thead> <tbody> <tr> <td>PEO1</td> <td>The graduates of Computer Science and Engineering will have successful career in technology.</td> </tr> <tr> <td>PEO2</td> <td>The graduates of the program will have solid technical and professional foundation to continue higher studies.</td> </tr> <tr> <td>PEO3</td> <td>The graduate of the program will have skills to develop products, offer services and innovation.</td> </tr> <tr> <td>PEO4</td> <td>The graduates of the program will have fundamental awareness of industry process, tools and technologies.</td> </tr> </tbody> </table>	PEO's	Statement	PEO1	The graduates of Computer Science and Engineering will have successful career in technology.	PEO2	The graduates of the program will have solid technical and professional foundation to continue higher studies.	PEO3	The graduate of the program will have skills to develop products, offer services and innovation.	PEO4	The graduates of the program will have fundamental awareness of industry process, tools and technologies.	<p>Program Outcomes (POs)</p> <p>Engineering Graduates will be able to:</p> <p>PO1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.</p> <p>PO2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.</p> <p>PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.</p> <p>PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.</p> <p>PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.</p>	<p>PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.</p> <p>PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for, sustainable development.</p> <p>PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.</p> <p>PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.</p> <p>PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large; such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.</p> <p>PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader</p>	<p>in a team, to manage projects and in multidisciplinary environments.</p> <p>PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.</p> <p>Program Specific Outcomes (PSOs)</p> <p>PSO1. Foundation of mathematical concepts: To use mathematical methodologies to crack problem using suitable mathematical analysis, data structure and suitable algorithm.</p> <p>PSO2. Foundation of Computer Science: The ability to interpret the fundamental concepts and methodology of computer systems. Students can understand the functionality of hardware and software aspects of computer systems.</p> <p>PSO3. Foundation of Software development: The ability to grasp the software development lifecycle and methodologies of software systems. Possess competent skills and knowledge of software design process.</p> <p>About The Department</p> <p>The Computer Science & Engineering Department offers UG & PG courses:</p> <p>B. Tech in CSE M. Tech in CSE</p> <p>The Department of CSE has several Research areas of interest depending</p>
PEO's	Statement												
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PEO2	The graduates of the program will have solid technical and professional foundation to continue higher studies.												
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Program Outcomes (POs), Program Specific Outcomes (PSOs)

All the departments are displaying Program outcomes and Program specific outcomes in their departments, classrooms and laboratories.

1. Department of CSE

URL:<http://kpritech.ac.in/departments/cse/about-department>

COs: <https://www.kpritech.ac.in/departments/cse/Course-Outcomes>

POs:<http://kpritech.ac.in/departments/cse/Program-Outcomes>

PSOs: <http://kpritech.ac.in/departments/cse/Program-Specific-Outcomes>

PEOs: <http://kpritech.ac.in/departments/cse/Program-Educational-Objectives>

2. Department of Electronics and Communication Engineering

URL:<http://kpritech.ac.in/departments/ece/about-department>

COs: <https://www.kpritech.ac.in/departments/ece/Course-Outcomes>

POs:<http://kpritech.ac.in/departments/ece/Program-Outcomes>

PSOs: <http://kpritech.ac.in/departments/ece/Program-Specific-Outcomes>

PEOs: <http://kpritech.ac.in/departments/ece/Program-Educational-Objectives>

3. Department of Electrical and Electronics Engineering

URL:<http://kpritech.ac.in/departments/eee/about-department>

COs: <https://www.kpritech.ac.in/departments/eee/Course-Outcomes>

POs:<http://kpritech.ac.in/departments/eee/Program-Outcomes>

PSOs: <http://kpritech.ac.in/departments/eee/Program-Specific-Outcomes>

PEOs: <http://kpritech.ac.in/departments/eee/Program-Educational-Objectives>

4. Department of Mechanical Engineering

URL: <http://kpritech.ac.in/departments/mechanical/about-department>

COs: <https://www.kpritech.ac.in/departments/mechanical/Course-Outcomes>

POs:<http://kpritech.ac.in/departments/mechanical/Program-Outcomes>

PSOs: <http://kpritech.ac.in/departments/mechanical/Program-Specific-Outcomes>

PEOs: <http://kpritech.ac.in/departments/mechanical/Program-Educational-Objectives>

5. Department of Civil Engineering

URL:<http://kpritech.ac.in/departments/civil/about-department>

COS: <https://www.kpritech.ac.in/departments/civil/Course-Outcomes>

POs:<http://kpritech.ac.in/departments/civil/Program-Outcomes>

PSOs: <http://kpritech.ac.in/departments/civil/Program-Specific-Outcomes>

PEOs: <http://kpritech.ac.in/departments/civil/Program-Educational-Objectives>

6. First Year

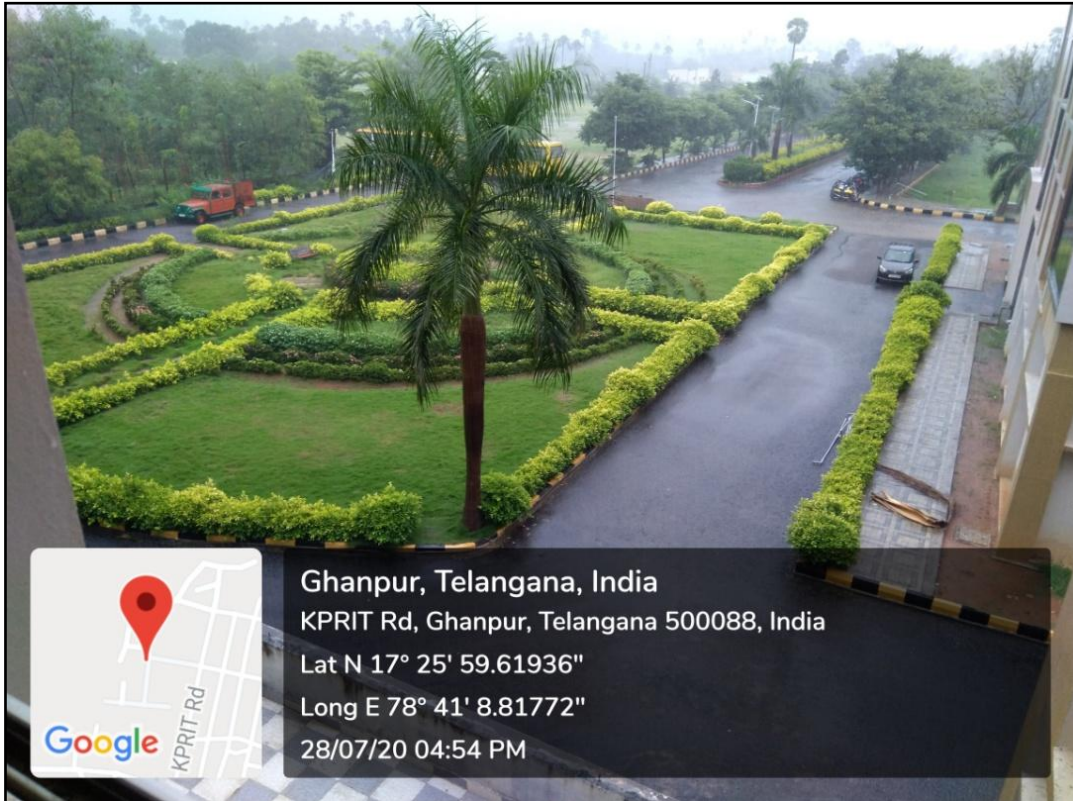
COs: <https://www.kpritech.ac.in/departments/humanities-sciences/Course-Outcomes>

All the laboratories are fully equipped with latest state of the art technology and equipment. The computing facility consists of license software's (system software's and application software) and also good numbers of open source software. Adequate administrative and support facilities are available in the institute for smooth functioning. The computer facility utilized by students and faculty members to fulfill the teaching learning process.

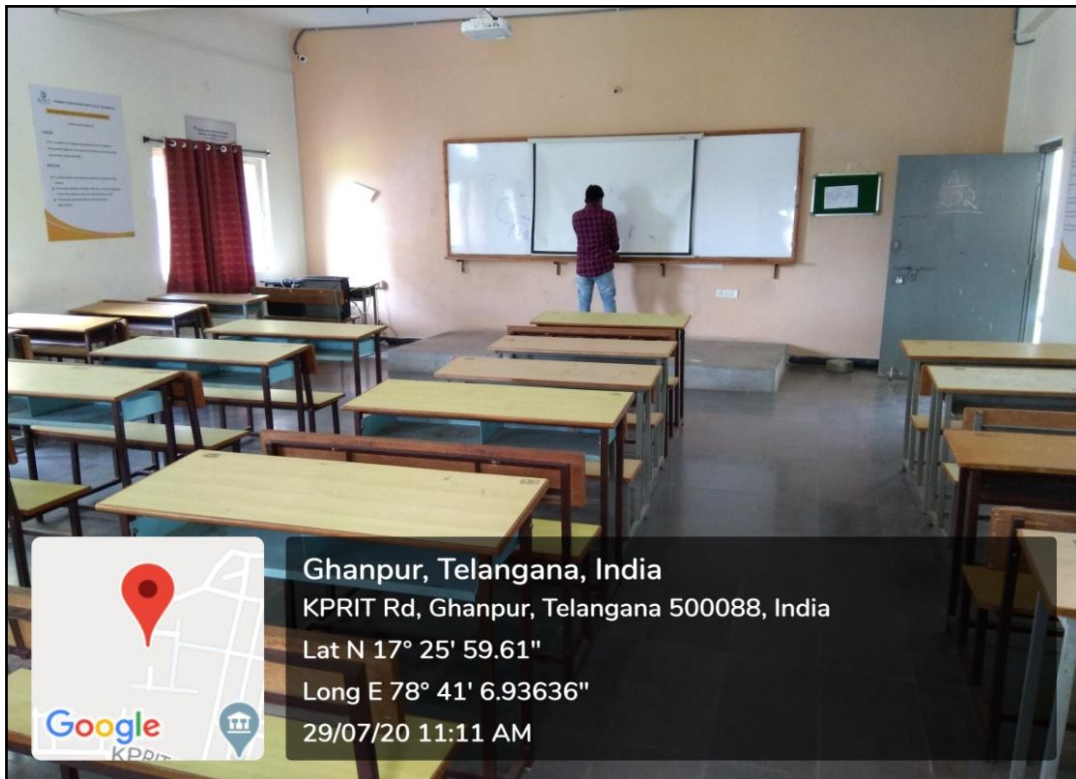
Photographs of infrastructure facilities are shown below.

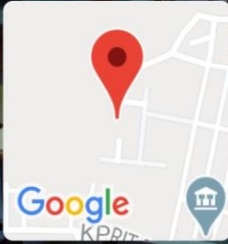
Lush Green Vibrant Campus



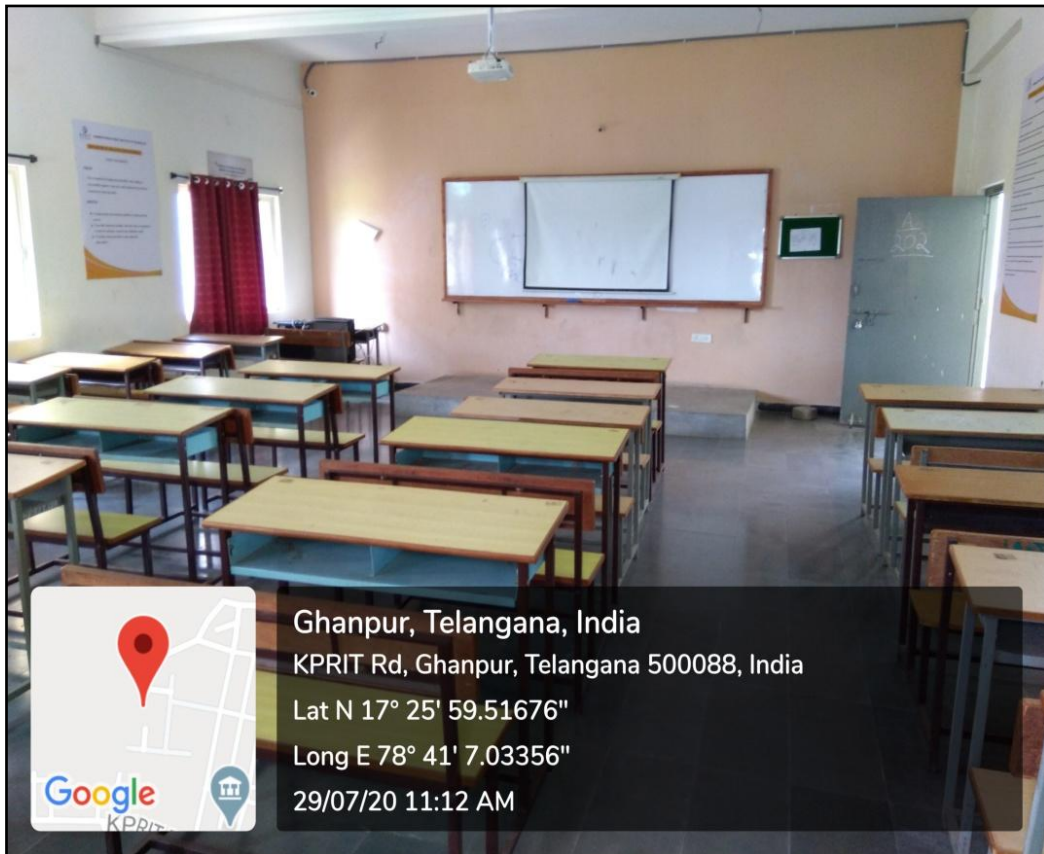


ICT-Class Rooms in KPRIT





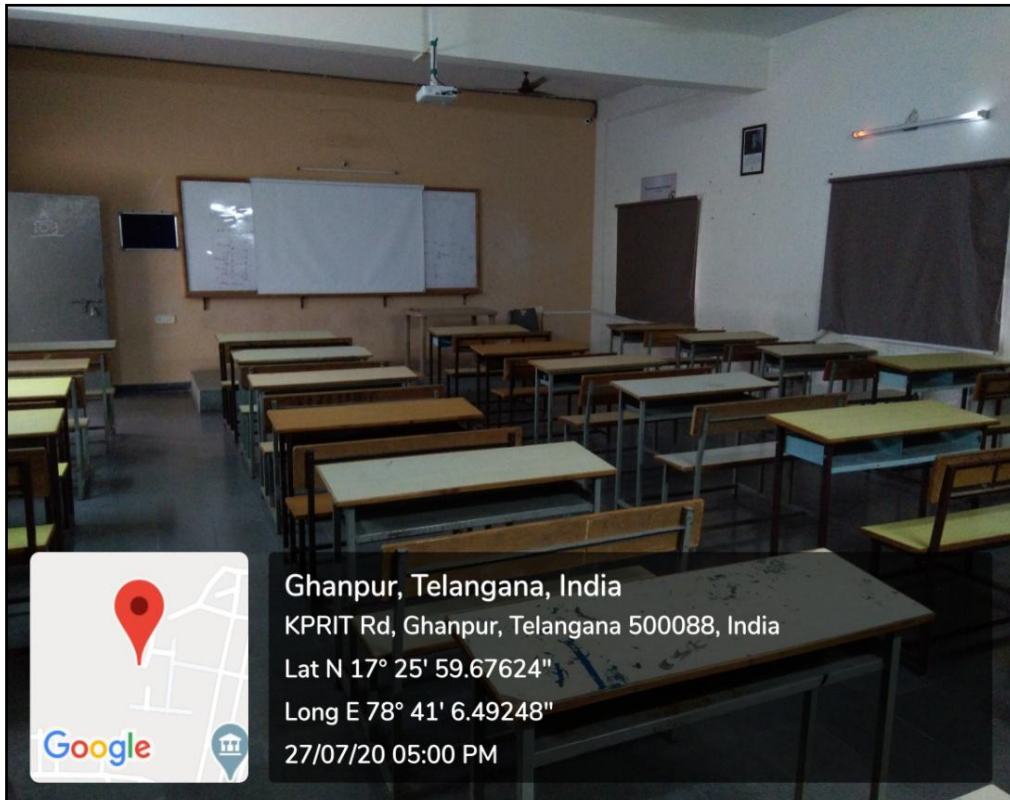
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KPRIT Rd, Ghanpur, Telangana 500088, India
Lat N 17° 25' 59.48544"
Long E 78° 41' 7.0044"
29/07/20 11:17 AM











Seminar Halls



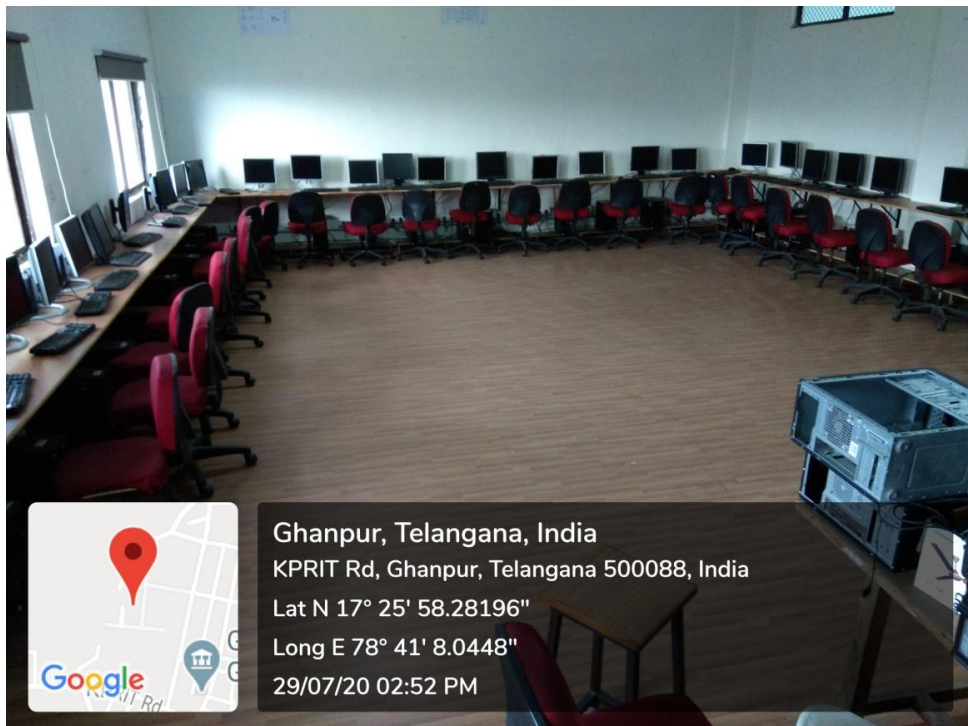
Laboratories in KPRIT

CSE Laboratories

PYTHON lab



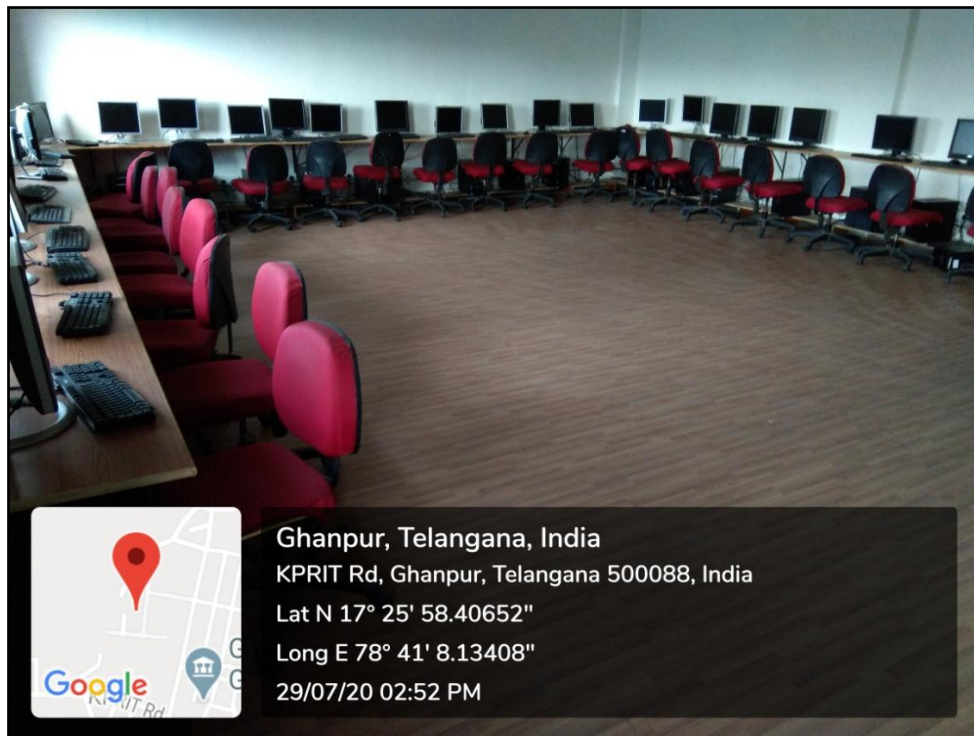
IT-Workshop



JAVA-lab



OPERATING SYSTEM lab

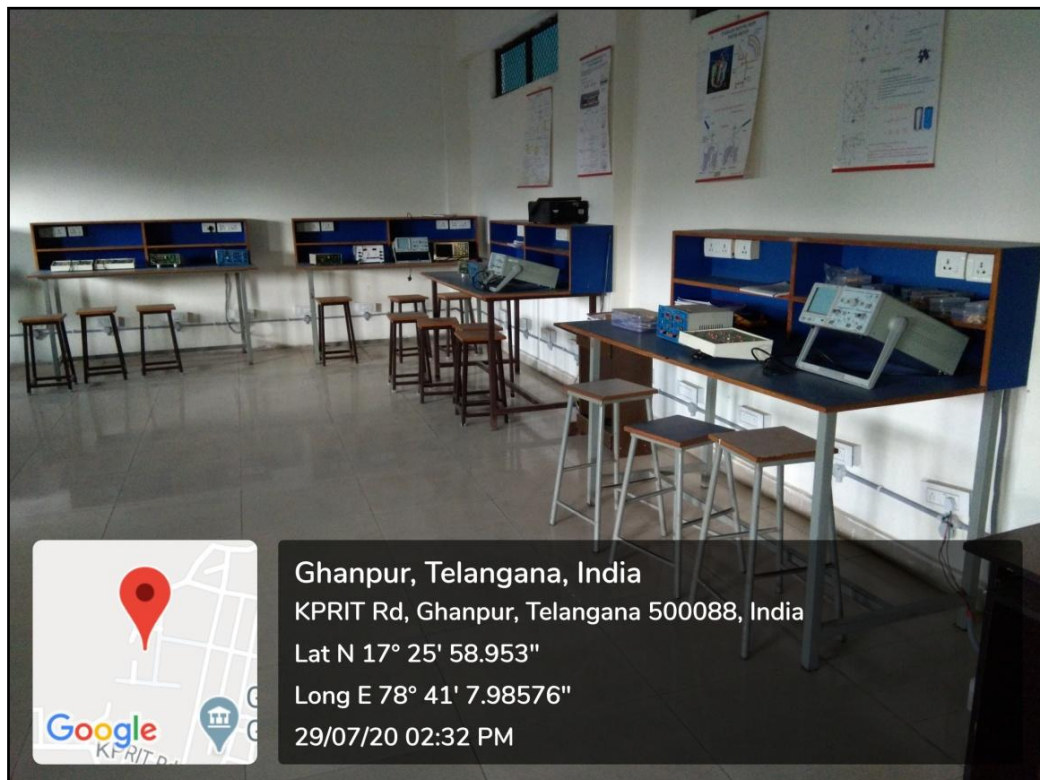


ECE Laboratories

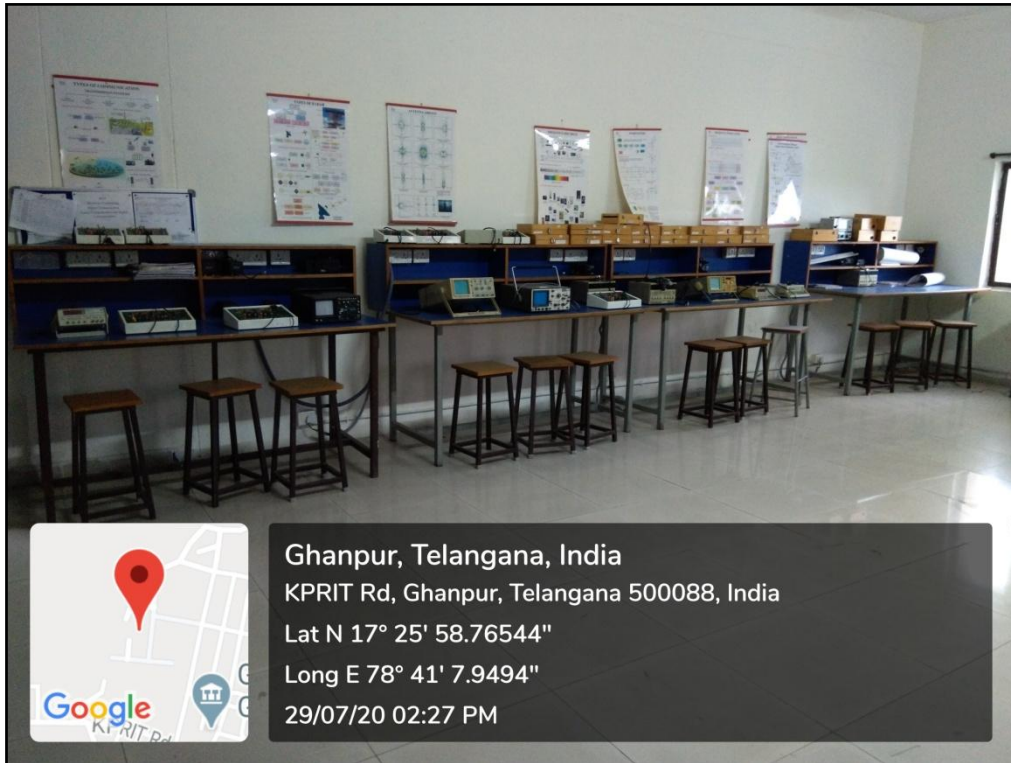
DIGITAL Electronics lab



EDC-lab



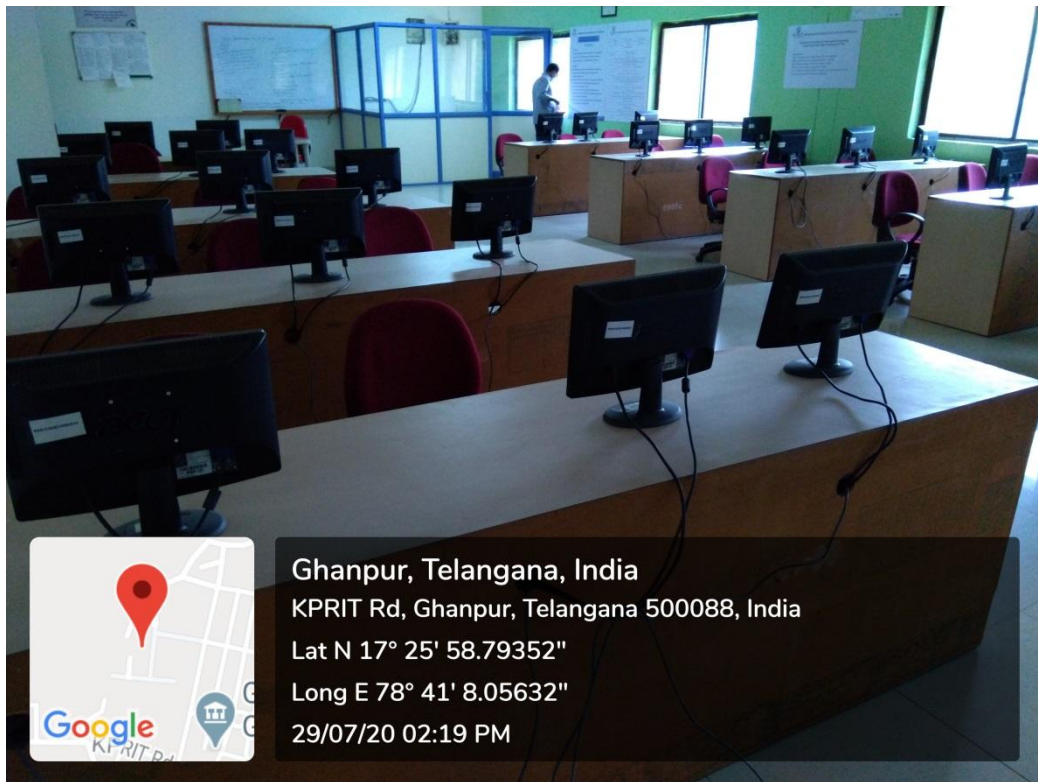
MICROWAVE & COMMUNICATIONS lab



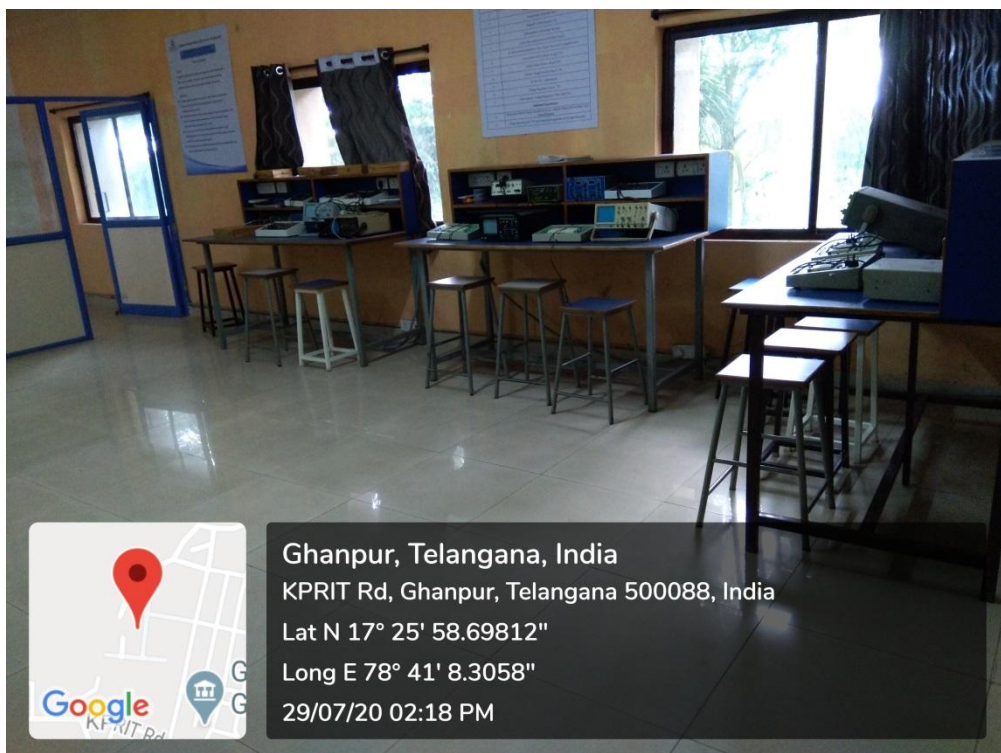
MPMC & VLSI lab



BS & DSP lab



LICA & PDC lab

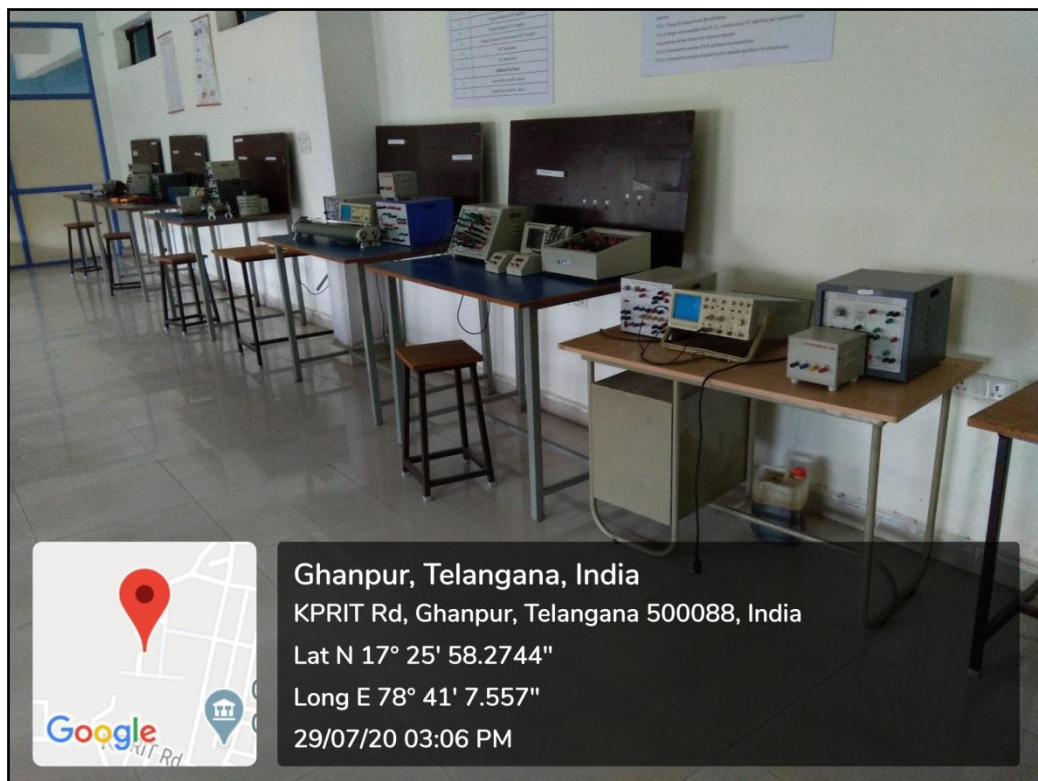


EEE laboratories

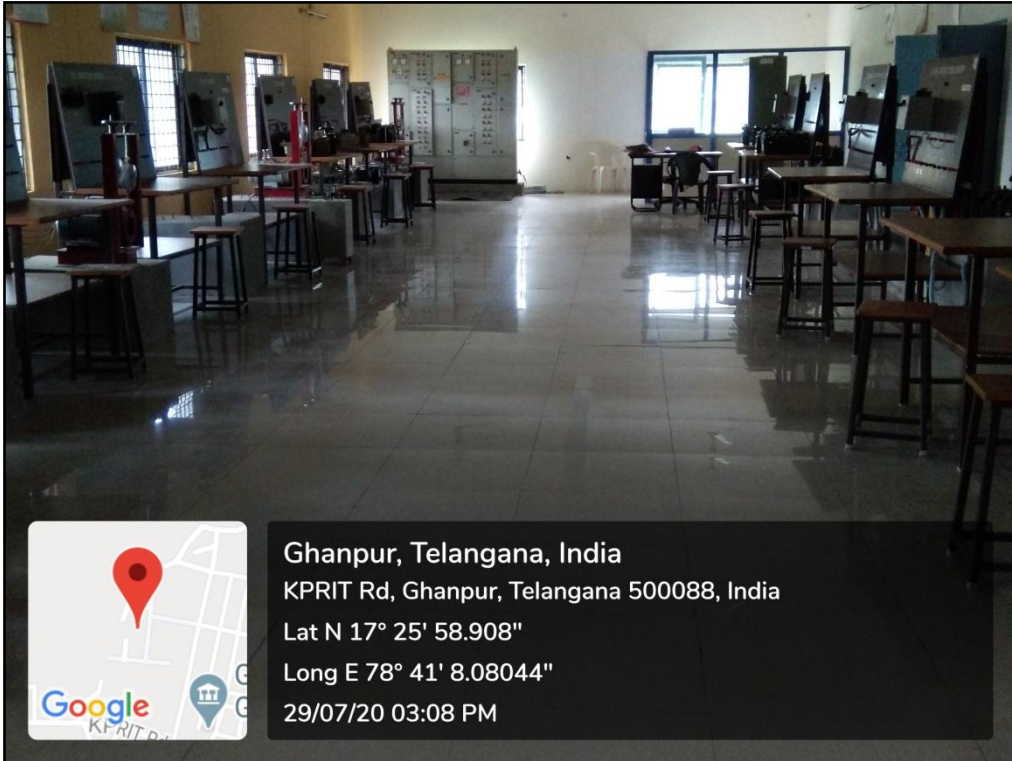
Electrical Workshop lab



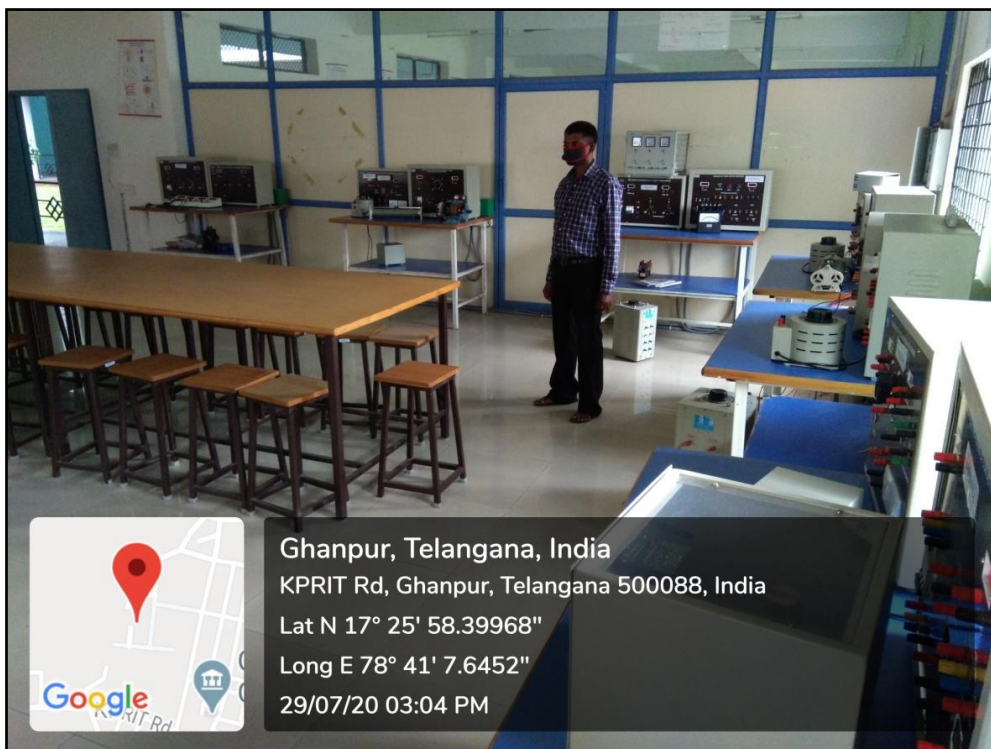
POWER ELECTRONICS lab



Electrical Machines Lab



Power Systems Lab



BEE-lab



Measurement Lab



H&S Laboratories

ALCS-lab



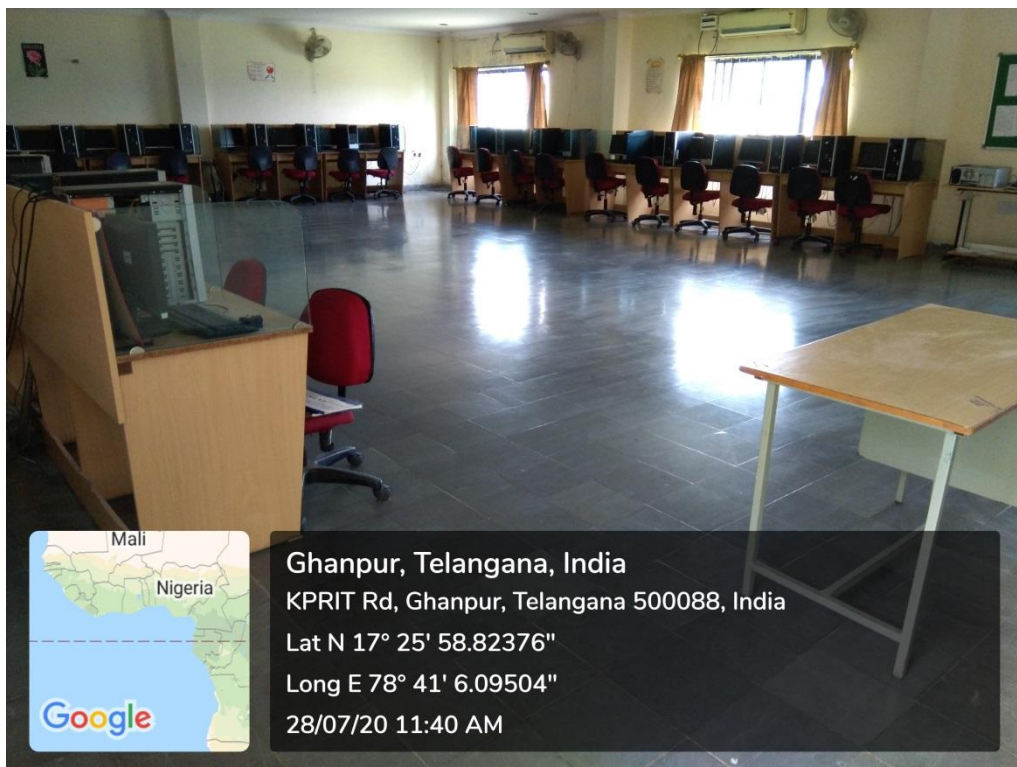
ENGG. CHEMISTRY-lab



ENGG. PHYSICS lab



ELCS-lab

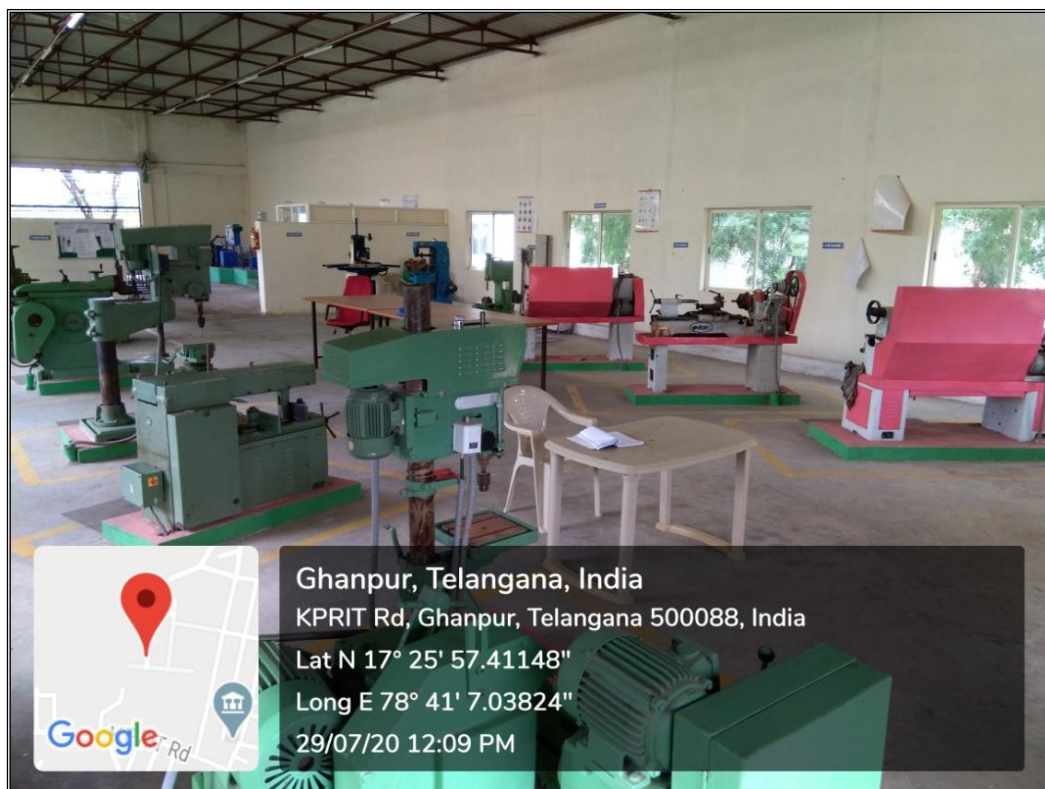


PPS-lab



Mechanical-Engineering Laboratories

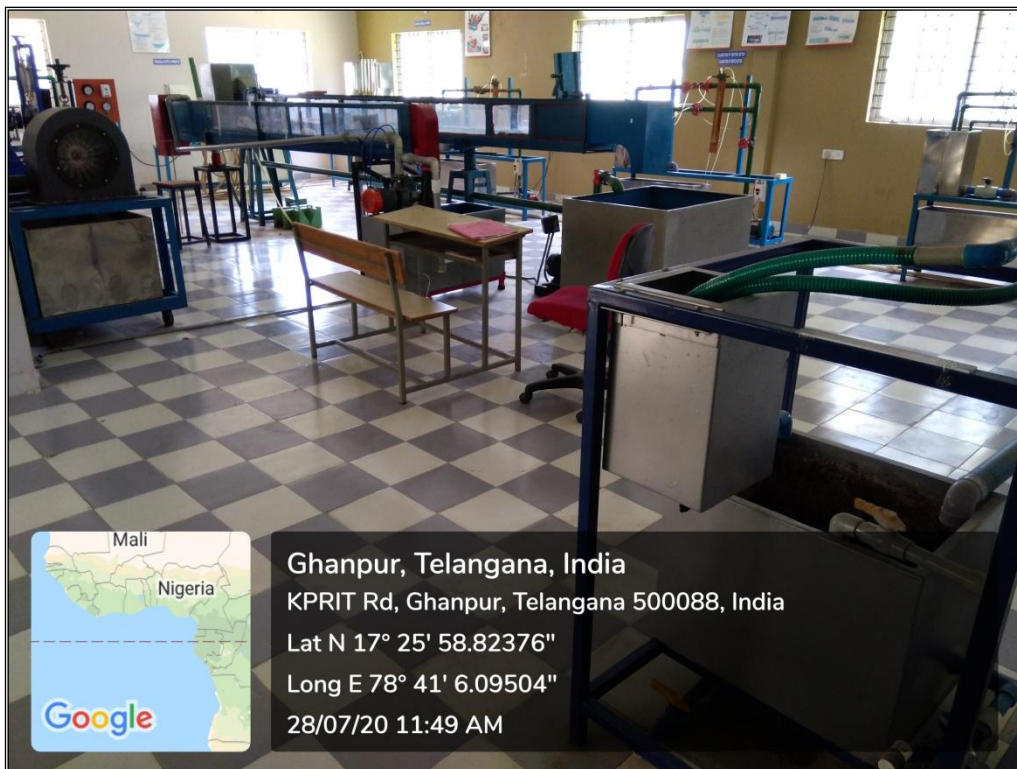
MACHINE TOOLS lab



MOS lab



FMHM lab



THERMAL ENGG. lab



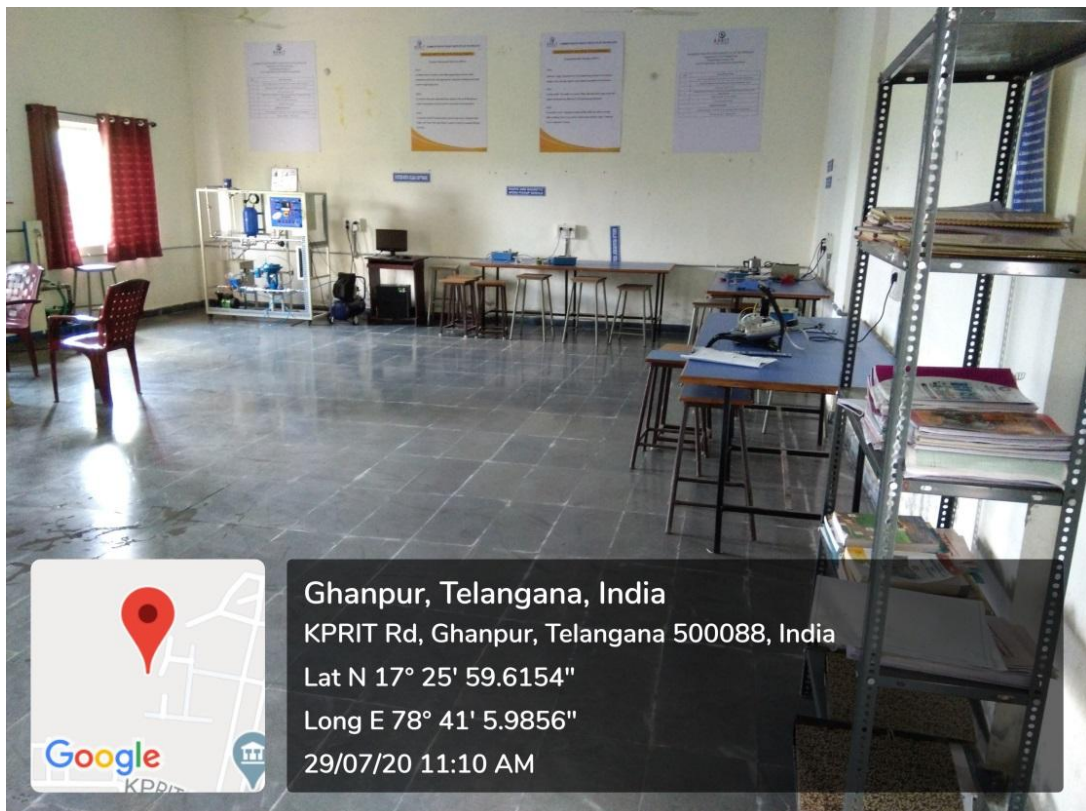
Engg. WORKSHOP



CNC lab



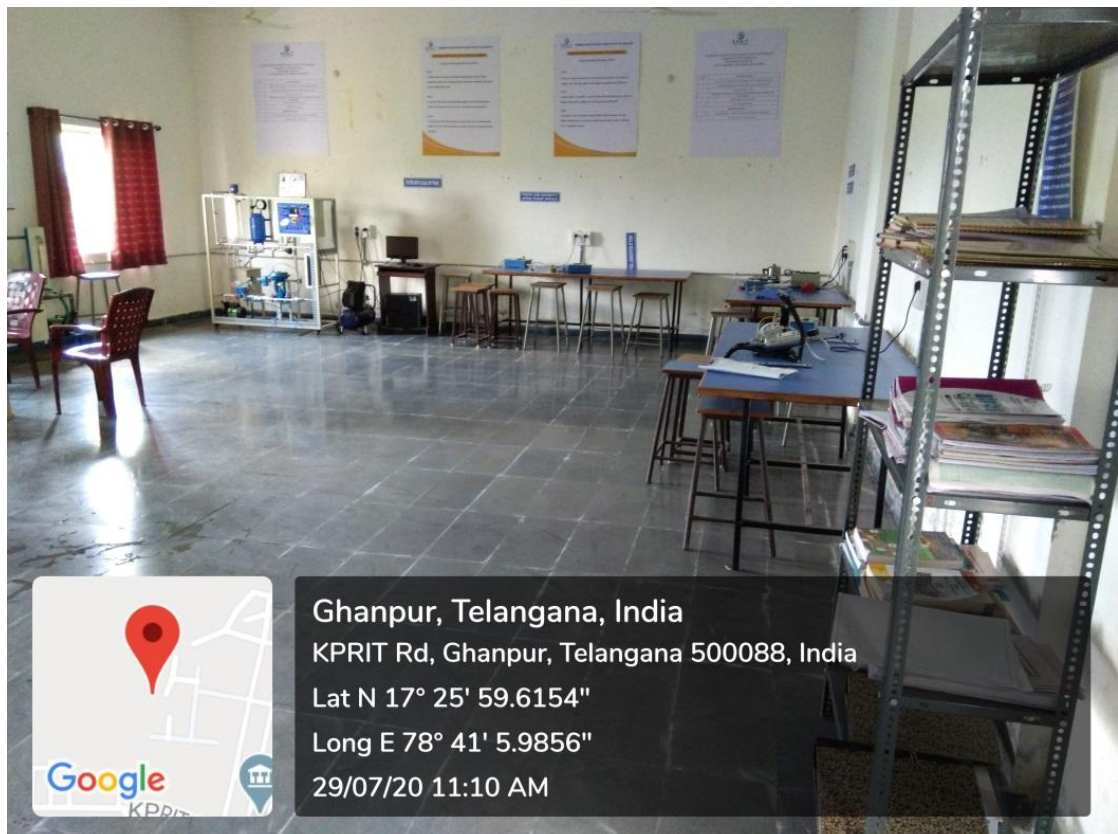
THERMODYNAMICS lab



HEAT TRANSFER lab



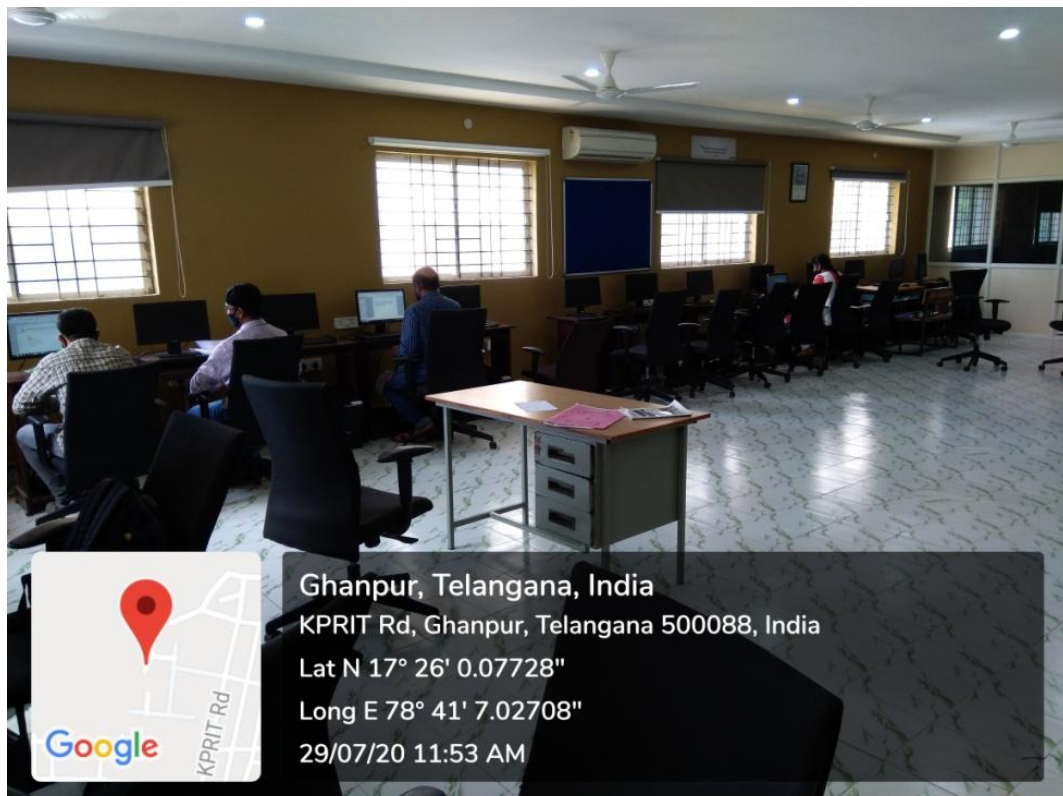
ICS lab



ENGG. METEROLOGY lab



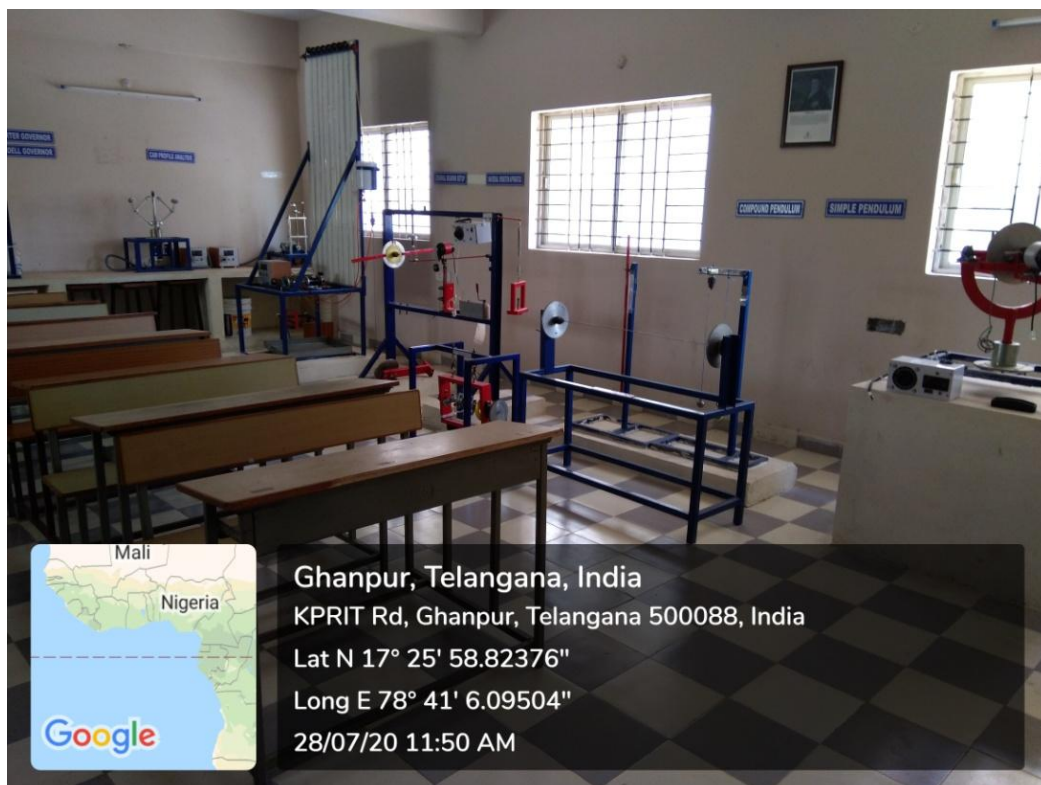
CAD/CAM lab



PRODUCTION TECH. Lab



KINEMATICS & DYNAMICS lab



Civil-Engineering Laboratories

CONCRETE TECHNOLOGY & HIGHWAY ENGG. lab



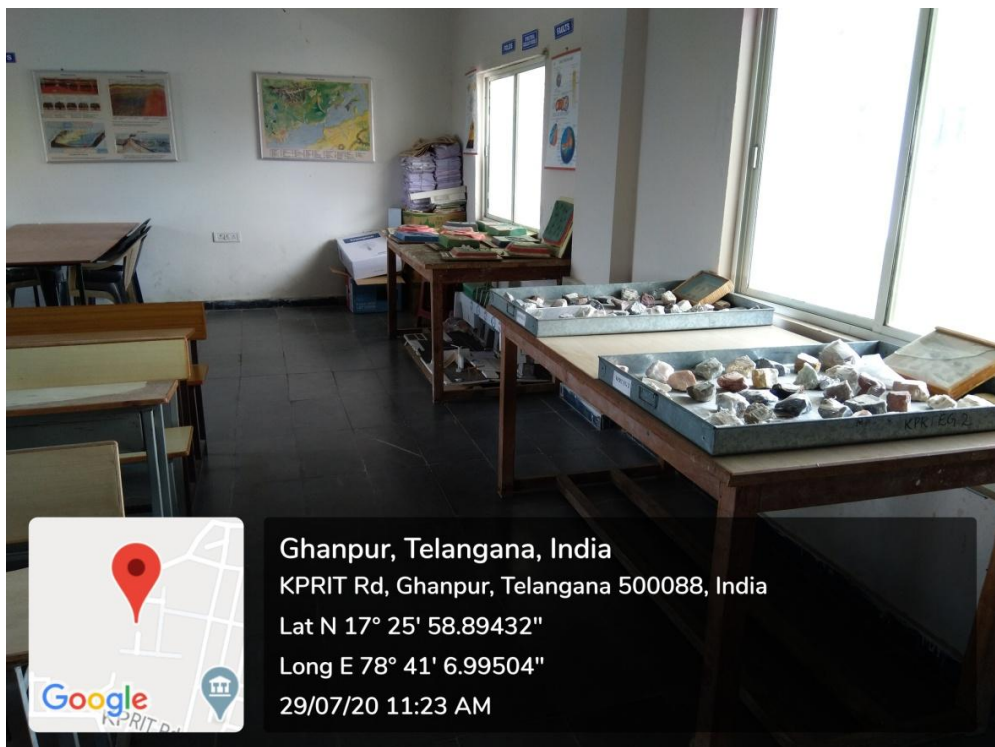
SURVEYING lab



GEOTECHNICAL lab



ENGG. GEOLOGY lab



AUTOCAD/GIS- lab



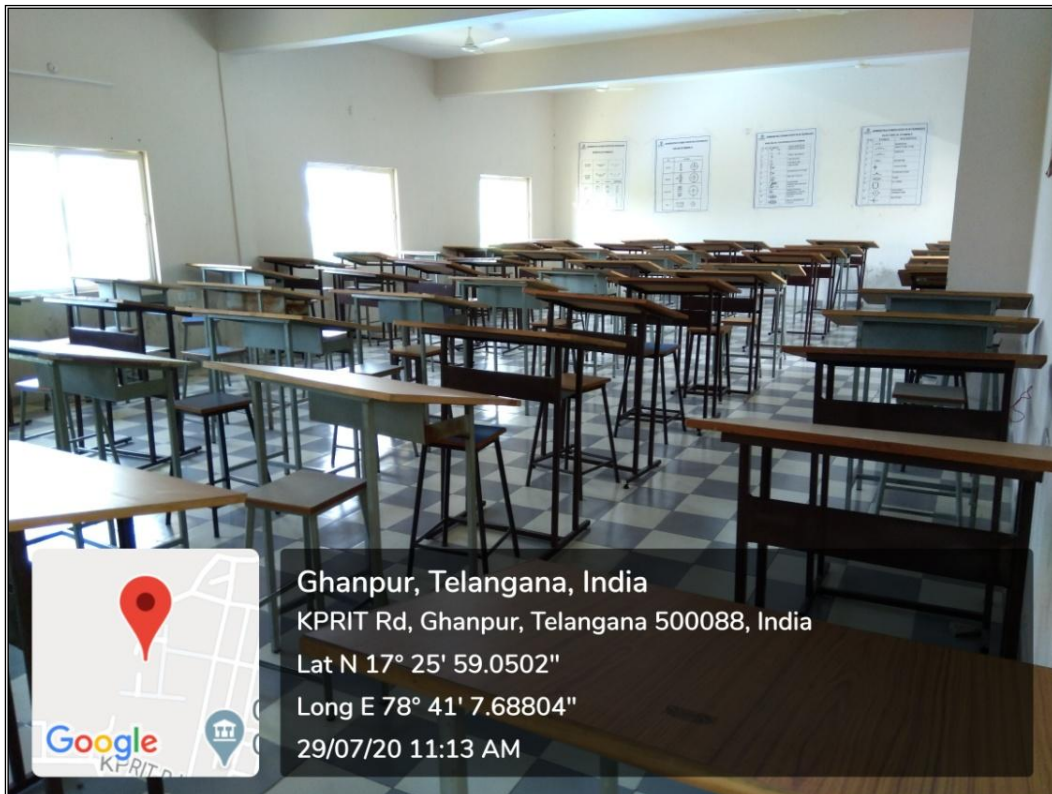
ENVIRONMENTAL ENGG. lab



Strength of Materials

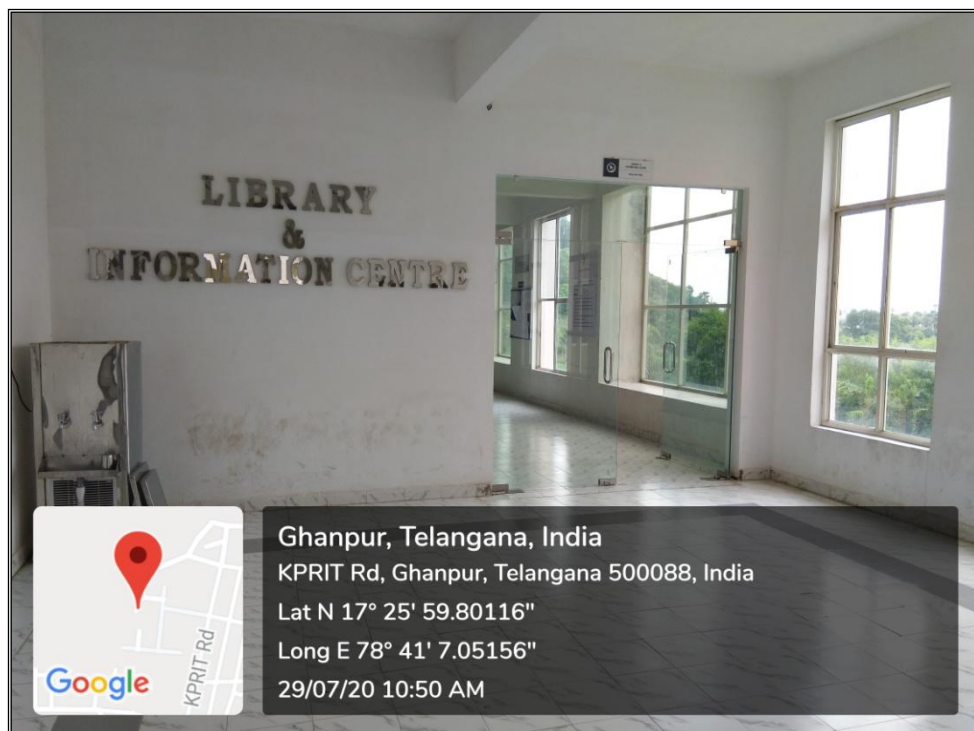


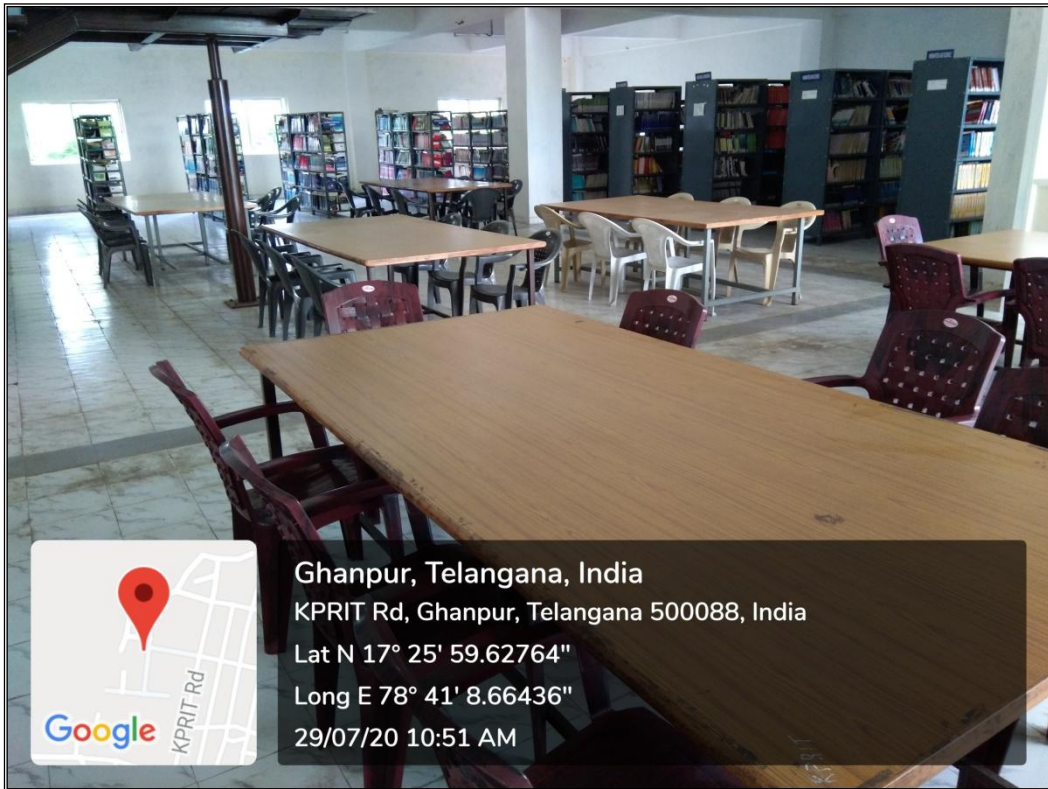
Drawing Halls





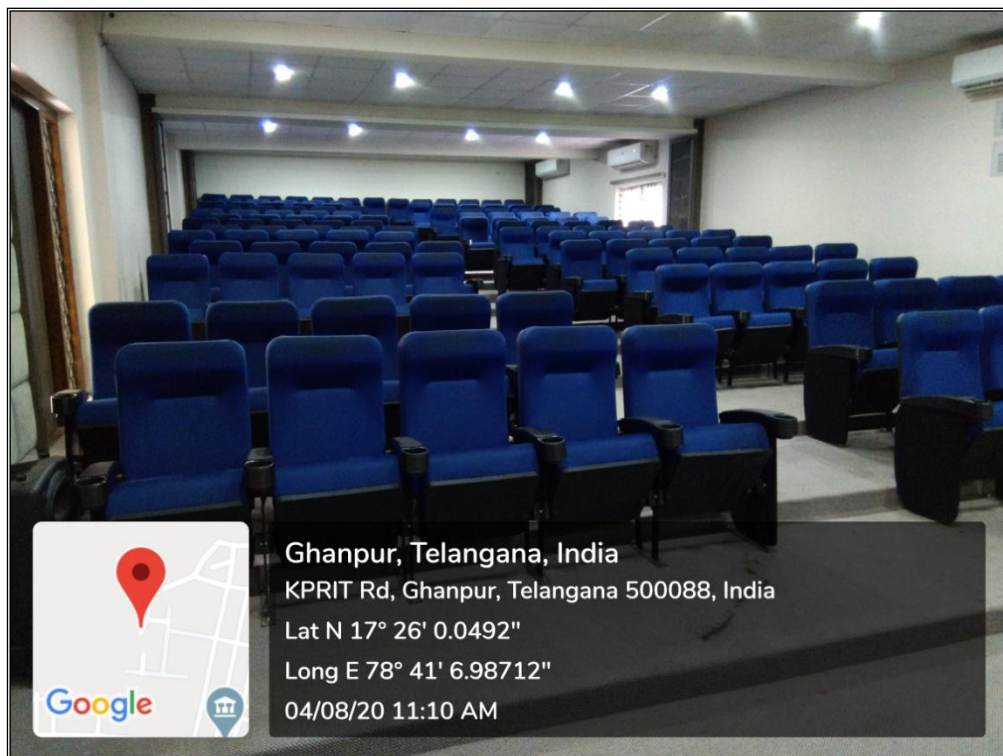
Library





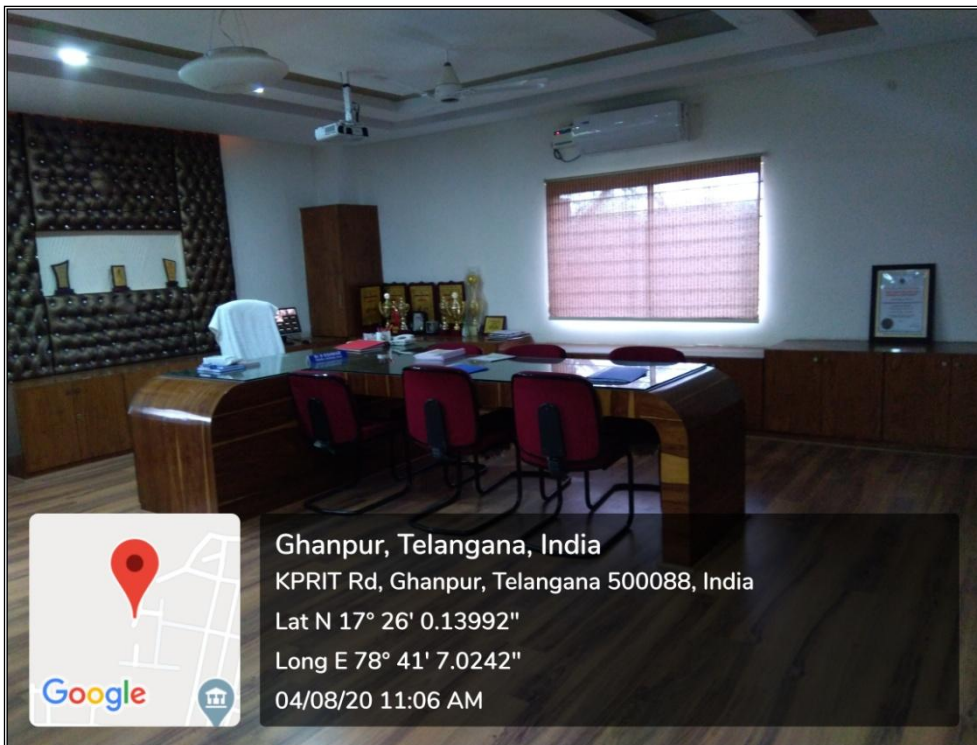


Auditorium

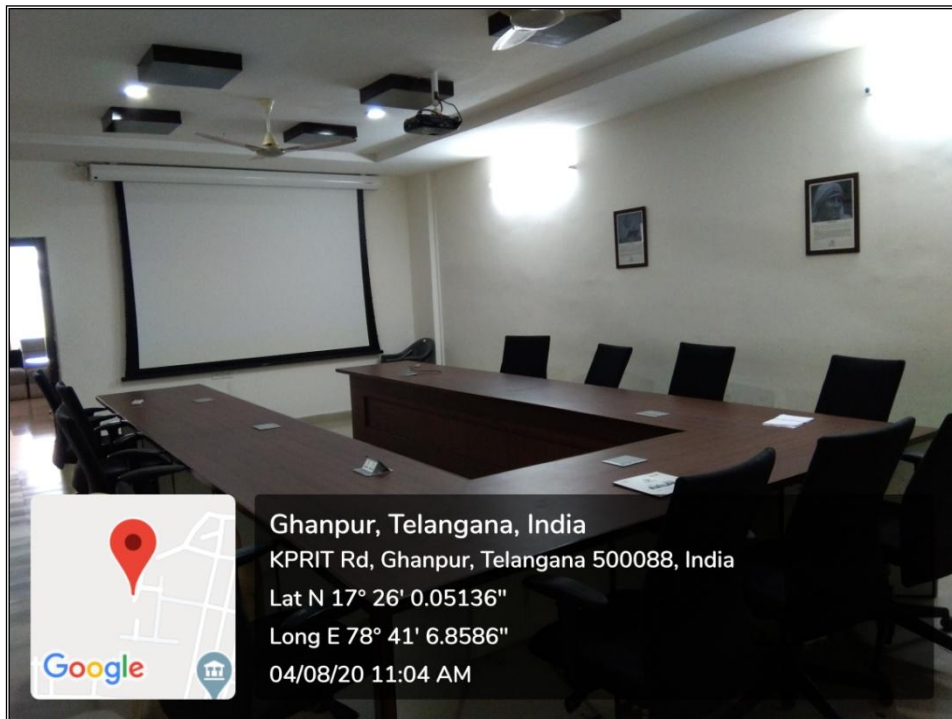




Conference Hall



Ghanpur, Telangana, India
KPRIT Rd, Ghanpur, Telangana 500088, India
Lat N 17° 26' 0.13992"
Long E 78° 41' 7.0242"
04/08/20 11:06 AM



Solar System





RO Plant





24x7 Security





Fire Safety

