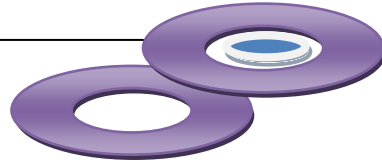


THE ECE NEWS LETTER



Department of Electronics and Communication
Engineering

The department of Electronics and Communication Engineering was established in the year 2001. It has intake capacity of 240 students. All the laboratories are well established with state of the art equipment. The department has highly qualified and experienced faculty and technical staff. An innovative teaching and learning process is implemented in imparting quality education to the students which includes conduct of workshops, seminars, industrial tours, expert lectures and various extracurricular activities. An extra laboratory over and above the JNTUH syllabus namely Advanced Technology Lab is introduced to

Prof .K.V.Murali Mohan

HEAD OF THE DEPARTMENT

Mr.Y.D.Solomon Raju

Asso. Professor



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eECE news letter

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G.Karthik *4th year*

P.Sushmita *3rd year*

P.Indira *3rd year*

From the Editorial Board

You can't add any more hours to your day so learning to manage your time more effectively will help you plan your work more efficiently and ensure deadlines are met. Managing time effectively is a particularly crucial ingredient in successful projects. It is important to manage both your personal and professional lives because as much as you try to keep them separate they cannot help but infringe upon one another. Managing your own time will not only benefit you but those around you as well.

The busy man only can manage to do many things, which seem to be beyond the reach of ordinary persons. The life of great leaders teaches us one lesson. They have to do many things in spite of their busy schedule. The secret therefore lies in scientific management of time. When a person says that he has no time, what he really means is that he is unable to manage his time properly.

The idea of time management has been in existence for more than 100 years. The term time management should not be misunderstood as time can be managed. In fact time can't be managed. By time management what we mean is we need to manage ourselves according to the time.

Department of Electronics and Communication Engineering

FACULTY WORK SHOPS

Sl No	Name of the Faculty	Event	Event Name	Date/s of the Program	Place
1	Mr. K V Murali Mohan	FDP	ANSYS and its Applications in Electronics Engineering	13/10/2014 to 25/10/2014	CMR Engineering College
2	Mrs. K Vanisree	FDP	ANSYS and its Applications in Electronics Engineering	13/10/2014 to 25/10/2014	CMR Engineering College
3	Mr. K Kanthi Kumar	FDP	ANSYS and its Applications in Electronics Engineering	13/10/2014 to 25/10/2014	CMR Engineering College
4	Mr. Ch Anand Kumar	FDP	ANSYS and its Applications in Electronics Engineering	13/10/2014 to 25/10/2014	CMR Engineering College

FACULTY PUBLICATIONS

INTERNATIONAL JOURNAL

- **Mr.Y.David Solomon Raju** has published a paper entitled “A Novel Approach to Access the Quality of Tone Mapped Images” International Journal of Innovative Research in Science, Engineering and Technology in the month of Oct 2014.
- **Mr.Y.David Solomon Raju** has published a paper entitled “Design and implementation of GPRS based automatic meter reading system” Design and implementation of GPRS based automatic meter reading system in month of Oct 2014.
- **Mrs M Haritha, N SreeLatha & S Kiran Babu** has published a paper entitled “Embedded Technology for vehicle cabin safety Monitoring and Alerting System” International Journal of Research in Advanced Engineering Technologies in month of Nov 2014.
- **Mr. D. Jaya Kumar** has published a paper entitled “Electronic toll collection system for billing using wireless communication” International Journal of Research in Advanced Engineering Technologies in month of Oct 2014.

Student Achievement

The student of 4th year ECE of Square team are proud to present you an advanced **E-bike**. Our product is a power packed vehicle at the same time it's ECO-friendly. This also got the looks of a super bike. The maintenance cost of this E-bike is also very less compared to other products in the market. With many companies like BMW, Mercedes, Audi, Ford, GM switching to the electric powered cars rather than the normal fossil fuels we can understand the importance and need for electric vehicle these days. And after a general poll we came up with the E-bike named **XEN**. Well we used some of the best technology and a ground breaking physics to innovate this product. The bike has most of the smart features found in the higher class cars and bike. And with that intelligent chip inside the bike we are able to provide the driver with more battery power for longer time dated on 16-10-2014. some pics of working on the project. And this was a great experience for the whole square team



Members arranging the frame

Names of the student
N.Nikhil
Nuchu Vivek Yadav
Sangeeta Kundu
Shree Chand Ahirwar
Aakash Vishwakarma
Amit Kumar
Sailesh Kaulaskar



At the end of the project done with the first phase of the project XEN they have done the complete frame design work. As you can see was a great day and we hope to complete the works soon than we expected.

This was the first day's work. We did the cutting and grinding of the rod and brought them to desired shape and size. This was on the 15/10/2014 And this is the second day's work (i.e 16/10/2014). Today we worked on the welding part of the project XEN.



Engineer's day celebrations

Engineers operate at the interface between science and society. To identify the great works done by our hard working engineers each year 15th September is celebrated as Engineers' Day marking the birth day of Sir Mokshagundam Visvesvarayya, recognizing his contributions in the field of hydel energy in India.



This year also HITS college, which has always proved itself in providing efficient technocrats to the country, acknowledged the work of this great engineer by celebrating this day jubilantly. The professors of the College gathered in the Conference Hall and discussed the importance and works of the engineers in today's era. It was then followed by Saraswati Vandana which marked the start of cultural program.



CAREER GUIDANCE PROGRAMS

A Guest Lecture on “**Awareness Program on Future Aspects in VLSI**” was conducted for B.Tech III yr II Sem ECE students on **8Sept2014** by **Mr.U.Srinivas (ISS) HYD.**

It was conducted in Seminar Hall of HITS-COE from 10.30am to 12.50pm. Topics delivered in the seminar are about Future in VLSI and the used for different applications. Advancements of VLSI and more.



Mr.U.Srinivas (Guest) delivering the Lecture



Faculty and Students of III/II B.Tech ECE attended the seminar



Teacher's day celebrations

5th September, the birthday of Dr. Sarvepalli Radhakrishnan, was celebrated as Teachers' Day in Loreto College Kolkata, through a special programme to honour this legendary philosopher and teacher and the teachers of the college.



Teachers Day was celebrated not only for one day but two consecutive days..The Teachers started for the venue at 8:30am and reached at 10:30am. This section was loved and praised by everyone. The day was enjoyed by all the teachers



A panorama of dances and songs presented by the students in appreciation of the teachers were the highlights of this year's Teachers' Day. All the performances were synonymous of the spirit of the event-'You have touched us and we have grown'. A beautiful prayer solo dance set the mood for the morning. It was followed by a reflective power point presentation on how teachers make a difference to the students of the College



Fresher's Day celebrations-2K14

SWATCHH BHARAT ABHIYAN

Freshers Day is a welcome party to newcomers and there is a need to be friendly and motivate juniors. But these days, fresher parties have become fashion shows and are celebrated in college. Though we enjoy a lot in such places, it also attracts youth to unhealthy habits



A better way to celebrate Freshers Day will be a beautiful entertaining cultural extravaganza comprising of dances, melody songs, skits and humours choreography. The best venue is college campus and college management should extend their cooperation. Spending huge some of money is waste.



Freshers party helps in breaking the ice between seniors and juniors. On days like these, the talent of freshers is unveiled.

Swachh Bharat Abhiyan is a mass movement to realize Gandhiji's dream of a Clean India. A massive public awareness through intensive campaign on Cleanliness has been planned in the Academic year 2014-15 (Clean India Week). In pursuant to this, A few initiatives undertaken by various Departments in HOLY MARY INSTITUTE OF TECHNOLOGY AND SCIENCE in which all the employees of the Holy Mary Institute Of Technology And Science Under the "Swachh Bharat Abhiyan" The team visited every corners of the college campus including various rooms, terrace, toilet, stairs, grounds, store, basement, water tank and the surrounding area of buildings. The inspection nearly took 4 hours to visit all the corners of the buildings.



Electronics and Communication Engineering Vision and Mission

Vision

- To be a world leader and renowned for Electronics & Communication Engineering and research.

Mission

- To educate graduates in the basic principles underlying the field of Electronics & Communication Engineering and train our students to think independently in terms to master systematic approach to problem solving and to have a keen awareness of the role of engineering in the modern society.

Program Educational Objectives

- To prepare the students for entry into successful employment as Electronics & Communication engineers in service, consulting, and/or government organizations or for advanced study at leading graduate schools in engineering, business, management, or other technical or non-technical fields.
- To inculcate teamwork skills among the students to design and implement complex Electronics & Communication systems, particularly the ability to work with people from other fields in integrated engineering teams and develop the leadership skills for maximizing the performance of those teams.
- To offer a curriculum that encourages students to become broadly educated engineers and to equip with the attitudes and skills to foster learning themselves for life long, an ability to communicate effectively with various audiences and function as responsible member of the global society.