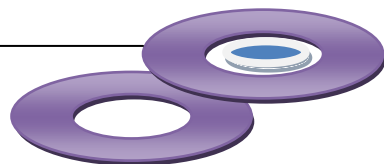


THE ECE NEWS LETTER



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.

Prof K.V. Murali Mohan
HEAD OF THE DEPARTMENT

Mr. Y. D. Solomon raju
Assoc. Professor



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ECE news letter

EDITORIAL BOARD

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N. nandini 4th year
Madhavi 3rd year
Sai teja 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. Y David Solomon Raju	Workshop	Real Time applications based on Embedded & VLSI Systems	22/12/2016 to 23/12/2016	Narsimha Reddy Engineering College
2	Mr. Y David Solomon Raju	FDP	Matlab and Electro Magnetic Transient Programme(EMTP)	27/12/2016 to 31/12/2016	St. Martin's Engineering College
3	Mr. B Karunaiah	FDP	Matlab and Electro Magnetic Transient Programme(EMTP)	27/12/2016 to 31/12/2016	St. Martin's Engineering College
4	Mr. E Sri Krishna	FDP	Matlab and Electro Magnetic Transient Programme(EMTP)	27/12/2016 to 31/12/2016	St. Martin's Engineering College
4	Mr. K Sandeep Kumar	FDP	Matlab and Electro Magnetic Transient Programme(EMTP)	27/12/2016 to 31/12/2016	St. Martin's Engineering College
5	Mr. Ch Anand Kumar	FDP	Matlab and Electro Magnetic Transient Programme(EMTP)	27/12/2016 to 31/12/2016	St. Martin's Engineering College
6	Mrs. M Grace Priscilla	FDP	Matlab and Electro Magnetic Transient Programme(EMTP)	27/12/2016 to 31/12/2016	St. Martin's Engineering College
7	Mr. B Pulla Rao	FDP	Matlab and Electro Magnetic Transient Programme(EMTP)	27/12/2016 to 31/12/2016	St. Martin's Engineering College
8	Mr. Y David Solomon Raju	FDP	Power of FPGA & ASIC Design using Mentor Graphics	01/02/2017 to 02/02/2017	Vidya Jyothi Institute of Technology
9	Mr. B Karunaiah	FDP	Power of FPGA & ASIC Design using Mentor Graphics	01/02/2017 to 02/02/2017	Vidya Jyothi Institute of Technology

FACULTY PUBLICATIONS

INTERNATIONAL JOURNAL

- Dr. V. Vidhya Devi, Miss N Sai Sruthi & Miss. L Renita Devi has published a paper entitled “**Power Optimisation in the Design of Flip Flops Using Reversible Logic**” International Journal Of Modern Engineering Research in the year Dec2016.

FACULTY ACHIEVEMENT

Name of the faculty	Designation	Year	Title of the Academic Distinctions / Awards and Prizes	Received from
Dr. K. V. Murali Mohan	Professor	2016	Ph.D	Acharya Nagarjuna University
Mr. Y. David Solomon Raju	Associate Professor	2016	Bharat Ratna Mother Teresa Gold Medal Award	Global Economic Progress & Research Association (GEPR), New Delhi
Mr. G. Sreekanth	Assistant Professor	2017	A+ Grade in FDP	NIT, Warangal
Ms. L. Renita Devi	Assistant Professor	2016	A Grade in FDP	NIT, Warangal
Mr. N. Ravindar	Assistant Professor	2016	B+ Grade in FDP	TASK
Mr. Ch. Ananda Kumar	Assistant Professor	2016	C Grade in FDP	NIT, Warangal

Student Achievement

SI No	Name of the Student	Event	Title	Month/Year	Venue
1	T.Prasanth	Workshop	Real time applications based on Embedded & VLSI Systems	22/12/2016 to 23/12/2016	Narasimha Reddy Engg college
2	T.Bhanu teja	Workshop	Real time applications based on Embedded & VLSI Systems	22/12/2016 to 23/12/2016	Narasimha Reddy Engg college
3	M.Chowhan naik	Workshop	Real time applications based on Embedded & VLSI Systems	22/12/2016 to 23/12/2016	Narasimha Reddy Engg college
4	S.Kiran kumar	Workshop	Real time applications based on Embedded & VLSI Systems	22/12/2016 to 23/12/2016	Narasimha Reddy Engg college
5	J.Bhanu chander	Workshop	Real time applications based on Embedded & VLSI Systems	22/12/2016 to 23/12/2016	Narasimha Reddy Engg college
6	M.Anusha	Workshop	Real time applications based on Embedded & VLSI Systems	22/12/2016 to 23/12/2016	Narasimha Reddy Engg college
7	M.Shireesha	Workshop	Real time applications based on Embedded & VLSI Systems	22/12/2016 to 23/12/2016	Narasimha Reddy Engg college
8	P.Durga Prasad	Workshop	Real time applications based on Embedded & VLSI Systems	22/12/2016 to 23/12/2016	Narasimha Reddy Engg college

Departmental activities

HFSS ANTENNA DESIGN

On 20-02-2017

The lecture was about introduction to ANSYS HFSS and ANSYS GUI HFSS workflow. Basics of design Modeler Geometry Modeling, 3D design setup, 3D-Modeler, introduction to FEM, Adaptive Meshing: Boundary conditions and Excitation, HFSS solution process and Post Processing and the topic was design and analysis of simple Half-wave Dipole Antenna resonating at 2GHz.



The hands-on workshop was conducted on complete 3D Geometry Modeling, Use of Equation Based Curve in Geometry Modeling, setting of solution type(Driven model\Driven terminal),Assigning materials(e.g:PEC & Teflon), Assigning boundary conditions(eg:Perfect E), Probe Fed Feeding of Helical Antenna, Assigning excitations(wave port), Analysis setup and Frequency Sweep, Setting up of Radiation box, setting of Far-field Infinite Sphere setup, Validation and Analysis, Plotting of Fields (E-field & H-field)



The campus of the college was abuzz with young chatting with each other, happy to be able to play their part in lending a helping hand to people in the region



Industrial Visit

An Industrial visit to “was organized by the ECE Department In this visit students were very eagerly waiting for listening to industrial higher authorities.

During this session, students interacted with the Manager very effective.



Lately we request you to arrange more industrial visit in the future for the students which will be helpful for the students



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



The session was concluded with Question- Answer session. Many of the students asked different questions to the Technical Head on current demanding technologies, market scenarios etc. and he cleared all the doubt and myths which was in students mind about the technologies and IT sector. All students were satisfied after the session

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.