

MISSION

To empower emerging engineers with state of art technology along with high pattern of discipline nurture career improvement and develop human and social intellectual qualities necessary for the successful practice of the profession

VISION

Lead the students in the Quest for attaining excellence in the ever evolving technical trends in the field of Electronics and Communication

Inside this issue:

STAFF ACHIEVEMENT
DETAILS 2

STUDENT ACHIEVE-
MENT DETAILS 3

REPORT OF THE
"NEXUS" ACTIVITIES 4

FORTH COMING EVENTS 4



Word from HOD...

Its my pleasure to introduce the department news letter *NEXUS* for the month of June 2013. The main aim of the department is not only to impart the syllabus knowledge but also to prepare our students very well to meet the latest technological requirements to survive in the industrial sector. Glad news for our department for this month is that we have got approval from AICTE for an additional intake of 60 for UG course and a new M-Tech branch in "*Communication Engg and Signal Processing*". I whole heartedly wish the 2013 pass out students a bright future. I congratulate them for the projects they have done during their academics. Seminars presented by them finds its relevance in the current era of latest technology. I congratulate the workers behind the scene of this issue for their immeasurable pain in publishing this at the right time

Ms.Roshini T V

ADDITIONAL INTAKE AND NEW COURSE

AICTE has accorded approval for the new P.G course M.Tech Communication Engineering and Signal Processing and additional intake of 60 students for the academic year 2013-2014 .

STAFF ACHIEVEMENT DETAILS

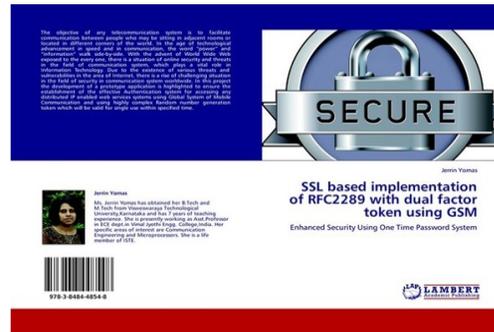
Books published:

1. Ms. Jerrin Yomus

TITLE - "SSL based implementation of RFC2289 with dual factor token using GSM", ISBN 978-3-8484-4854-8. **LAP Lambert Academic Publishing**

2. Ms. Lineeta Gloria

Pitch Detection and Comparison for Vocal Training: Become a Professional



Singer the Easy Way LAP Lambert Academic Publishing .

3. Mr Anoop B K.

text on digital signal processing published in 2010 (jntu syllabus) in Indian book house

Publications in various journals

Mr Anoop B K

1. Robust Adaptive Threshold Algorithm based on Kernel Fuzzy Clustering on Image segmentation

Pages 99 – 103 cs& it conference proceedings

2. Blind Fractional Spaced CMA Channel Equalization through an Adaptive MMSE Equalizer based NLMS algorithm

2011 IEEE International Conference on Computational Intelligence and Computing Research

3. Image Segmentation Using Improved Fuzzy C-Means Clustering on Level Set Method for Noisy Images

2011 IEEE International Conference on Computational Intelligence and Computing Research

The Facts in Recruitment

Why our students are getting lesser opportunities

Anoop B.K, A.P in E.C.E

Problems..	Remedies..
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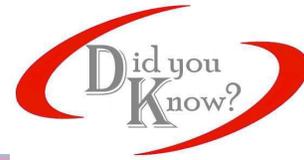
1. Stage fear
2. Poor communication skills
3. Unable to manage risky situations.

1. Take seminars/conference as much as you can
2. Read English news papers
3. Develop skill like decision making

STUDENT ACHIEVEMENT DETAILS

List of ECE Final Year Students Placed in Various

Abhirami Neeraja B	-UST Global
Swetha James	-Sofnotions, Escube Technologies
Sreya P	-Escube Technologies
Jithin M J	-Escube Technologies , Claria Softech
Aparna Sherin	-Escube Technologies
Sajesh P V	-Escube Technologies
Sneha Thomas	-Escube Technologies
Prajuna Preman	-Escube Technologies
Patcy Maria Fernandez	-Tech Mahindra
Nikhitha Parthan	-Tech Mahindra
Sajesh P V	-Tech Mahindra
Sruthi Philip	-Tech Mahindra
Maria Jose	-Tech Mahindra
Rohit John	-Tech Mahindra
Anjali Dasan K P	-Brainscript Technologies
Shilpa Sebastian	-Claria Softech
Stinson Stephen	-Claria Softech
Alex M John	-Bigshen Technologies
Varun Seban	-CityOn.net
Vipin Mathew	-CityOn.net
Ajay Joseph	-CityOn.net
Stinson Stephen	-CityOn.net
Alisha Joseph	-CityOn.net
Aiswarya Cyriac	-CityOn.net
Chinju Dominic	- CityOn.net



If you scuffed your feet long enough without touching anything, you would build up so many electrons that your finger would explode! But this is nothing to worry about, unless you have carpeting.

The electrons travel through your bloodstream and collect in your finger, where they form a spark that leaps to your friend's filling, then travels down to his feet and back into the carpet, thus completing the circuit.

Academic Toppers of 2012-13 odd Semester

S7		S5		S3	
Jithin M.J	-84.0%	Laya Krishna	-79.25%	Krishna Gopal A	-85%
Abhirami neeraja	-83.7%	Nijila K S	-78.08%	Akhil James	-84.08%
Teena mariya jose	-83.39%	Jins Joseph	-77.25%	Diljo Thomas	-80.17%
		Neethu Joseph	-77.25 %		

Outstanding Final year Projects

AUTOMATED FOOD PROCESSING MACHINE

Food processing is one of the complex tasks that are taking place in almost every household. It is highly time consuming and require at most care during whole process. The project aim is completely automating the process of cooking food from the fed ingredients. The whole project aims at delicious food at a single click. This process makes a food product of same standard in all places where the machine is implemented. The standardization happens in quality, quantity and taste.

ARECANUT PLUCKING ROBOT

A new robot is being introduced which can climb over areca nut tree and pluck the nut. The robot is controlled wirelessly using mobile phone via DTMF. Arecanut tree is tall and harvesting is always difficult. Usual method of harvesting is climbing over the tree ,which is always dangerous. Shortage of skilled labors is another problem. .

Continued over page 4

REPORT OF THE “NEXUS” ACTIVITIES

FAREWELL TO 2013 ECE BATCH

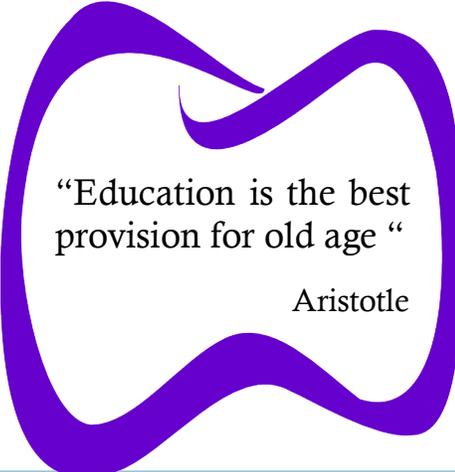
The department of ECE organized a function to bid good bye to seniors of our department on March 2013. On this occasion students shared their feelings and experiences of the 4 years that they studied in college.

Newsletter Release

Along with inauguration of PIC training program to 6th semester Students of 2014 batch, Students' Association of the department also released its news letter “NEXUS “ volume 2 issue 1 On 14th March 2013 . The newsletter was released by Ms.Roshini T V,H.O.D in E.C.E Department .

From page 3

The new system consists of a triangular shaped frame to which three spring wheels are attached. The motors are powered with a battery installed in the same system .The system contains a DTMF decoder. The decoded signals from the DTMF decoder are fed as the input to a microcontroller. The microcontroller manages the spring controlled wheels and other accessories using the input from the DTMF decoder. After reaching to the top of the areca nut tree, a rotating blade is controlled wirelessly and is used to harvest ,



“Education is the best provision for old age “

Aristotle

What

What is E-Waste?

E-waste is produced from homes, schools, government offices, and businesses become obsolete or no longer functional and need to be discarded. E-Waste is generated by consumer electronic products including:

- Computers
- Televisions
- DVD players
- VCRs
- Cell phones

Why

Why should you recycle E-Waste?

Why should you recycle electronic devices instead of just throwing these away? Here are some reasons to recycle E-Waste:

- It helps to preserve our natural resources
 - It keeps toxins out of landfills, including toxins like mercury and lead
 - Recycling E-Waste is the socially responsible thing to do!
 - It frees up space in your office and home
- E-Waste also contains valuable materials such as gold, silver, copper, steel, and plastic and it makes good sense to recover these materials instead of throwing

FORTH COMING EVENTS..

We have planned for a International Conference on Electronics and Communication Engineering on January 2014

We have also Planned for a three day workshop on DSP & Matlab

Editorial Board

Staff support

1. Adarsh K.S
2. Anoop B.K.
3. Lineeta Gloria
4. Shimna P.K

Special Thanks to

1. Midhun T.P,(CS Dept)