



WORDS FROM HOD



The Department of electronics and communication engineering is one of the pioneering departments of this institution. we offer our students a rich educational experience that combines intellectual rigor and cross-disciplinary breadth in an organised, student centered environment. i congratulate the team who has taken the initiative for producing this News letter

ROSHNI TV
HOD ECE

VISION

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

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

EVENTS

- >> invited talk on linear electronic circuit
- >> embedded training program
- >> industrial visit
- >> rank holder
- >> consultancy work
- >> news
- >> Recent trends and Gadgets

CONGRATULATIONS.....

Azeela Azeez m.tech communication and signal processing student secured 3rd rank in kannur university



- >>first semester 8.32
- >>second semester 8.68
- >>third semester 10
- >>Fourth semester 10

INVITED TALK ON LINEAR ELECTRONIC CIRCUITS

The IEEE COMMUNICATION SOCIETY in association with Department of Electronics and Communication Engineering, VJEC, Chemperi conducted invited talk on Linear Electronic Circuits on 5th December 2015.

The inaugural session was started at 9:30am, 05/12/2015, Ms. Roshini T.V, HOD, EC department, delivered the welcome speech and session handed over to Mr. Dinesh Babu M, Associate Professor, GCE Kannur.



INDUSTRIAL VISIT

The department of ECE vimal jyothi engineering college chemperi conducted an industrial visit for S5-ECE students.

It was conducted on 2,3,4 October 2015. Students visited various industries in Bangalore.

EMBEDDED TRAINING PROGRAM

The department of ECE vimal jyothi engineering college organised an embedded training program for S7-ECE students on 5th 6th & 7th oct 2015. the training was conducted by Bitforge technologies (p)ltd




ASAP

Dept of ECE applied for training course of summer skill organized by ASAP (additional skill acquisition program) under Govt. of kerala for the course CCTV installation & maintenance technician .

IIPC CONSULTANCY WORK

Industry Institute Partnership Cell of vimal jyoyhi engineering college helped in the upgradation of existing production line of kurumathur women co-operative society. Staff members who were in contact with the project was Prof. Jayesh George M of ECE and Prof. Jerin Cyriac. They have given ideas to improve the existing production line.

Ph: 0460 2224270	
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കുറുമത്തൂർ നമ്പർ.സി. 1730	
പൊക്കുണ്ട്, കുറുമത്തൂർ. പി.ഒ., കണ്ണൂർ ജില്ല - 670142	
Ref. KVS/minutes/21-10-2015	Date..... 14 Dec 2015
To The Liaison Officer Industry Institute Partnership Cell Vimal Jyothi Engineering College Chemperi, Kannur-670632	
Dear Sir	
This letter is to formally thank Vimal Jyothi engineering college and it's IIPC for its efforts in helping in the upgradation of our existing production line.	
Staff members who were in contact with us for the project Prof. Jayesh George M and Prof. Jerin Cyriac deserves a special mention. First thing to mention is their professionalism in the overall project duration. Along with the press tool temperature control and regulator device, they have given ideas to improve the existing production line. Especially about redesign of the die and restructuring the production flow line. We must mention that the solution and the consultation provided were surprisingly more effective than expected. We thank Vimal Jyothi and its management for their kindness extended to improve our production lifecycle.	
Thanking You	
	

UPCOMING EVENT

>>'Internet of Things' Workshop for S4-ECE students on 28th and 29th december 2015

RECENT TRENDS AND GADGETS

Smallest Raspberry Pi yet costs \$5

The Raspberry Pi Organisation has announced the Raspberry Pi Zero, which will cost \$5. The device is also the smallest yet, measuring 65 x 30 x 5mm.

Described as a fully fledged member of the Raspberry Pi family, the board features a Broadcom BCM2835 application processor, 512Mbyte of LPDDR2 SDRAM, a micro-SD card slot, a mini-HDMI socket and Micro-USB sockets for data and power.

According to Raspberry Pi, while "several tens of thousands" of units have been produced and more are on the way, it expects demand to outstrip supply in the short term.



Prototype Na-ion battery

French researchers have developed a prototype sodium-ion battery in the 18650 format. The prototypes are said to display performance levels comparable to their lithium counterparts.

According to the team, the batteries have an energy density of 90Wh/kg and the devices are said to withstand more than 2000 charge/discharge cycles with performance being affected.

The researchers are now looking to optimise the technology for future commercialisation.

Nanodots from Q-carbon

Researchers from North Carolina State University have discovered a new phase of solid carbon. Called Q-carbon, it is ferromagnetic, harder than diamond and glows when exposed to even low levels of energy.

"Q-carbon's strength and low work function make it very promising for developing new electronic display technologies," said Professor Jay Narayan.

According to the team, while it can make Q-carbon films, it is still in the early stages of understanding how to manipulate them.

EDITORIAL BOARD

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