## WORDS FROM HOD

To begin with I would like to congratulate all the student who placed in various reputed companies. Dawn of an academic year invites fresh undergrad entrants, some of them with strong aspiration to do B-Tech ECE at 'VJEC,Chemperi and the rest boarding the course just by virtue of their laudable academic records. At the end of four years, all of them evolve into confident and brilliant engineers, ready to face the technical challenges inherent of the field of electronics and communication.

I congratulate the team who has taken the initiative for producing this Newsletter.

ROSHINI TV

ECE HOD

## EDITORIAL

The newsletter will serve as a platform where issues pertaining to the department can be raised, debated and solutions be arrived at and we expect the enthusiastic participation of both, the faculty and the students.

We are extremely glad to bring forth to you the News-letter "NEXUS"of Department of Electronics & Communication. NEXUS brings forth a spectrum of multifarious activities in the Electronics & Communication Engineering department.

This issue covers the news from May 2015 to June 2015.we express our gratitude towards  our principal Dr.Benny Joseph and our H.O.D Ms.Roshini T V for their constant support & encouragement .

ADARSH KS

STAFF EDITOR

## 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

## WELCOME BACK

JOBIN FRANCIS

## RESULT

S5 (2012-16)

### 75%

## INTERNSHIP PROGRAM IN NOKIA HERE

9 students from S7 ECE students attended an internship program in NOKIA HERE Banglore on 5th  and 6th JUNE 2015 . HERE is a Nokia business unit that brings together Nokia's mapping and location businesses under one brand.The students attentded the various sessions that deals with the mapping technology used in HERE maps. Mr.Abhilash, Geographic Analyst in Nokia HERE accompanied the students.

# NBA TRAINING PROGRAM

NBA Trainig program conducted for faculties of Vimal Jyothi Engineering College by Mr. Arun Thomas , Assistant Professor CAPE Vadakara on the topic 'Equip us in fine tuning of final preparation of accreditation' On 30th May 2015.

## UPCOMING EVENTS

# ALUMINI MEET  ON 11TH JULY 2015

# FACULTY DEVELOPMENT PROGRAM ON JULY 2015

## BOOK PUBLICATIONS

>> Voltage Flickering Mitigation By Anoop BK
>> A Text book on Electronic Laboratory Manual - 1 By Manoj KC and Binil Kumar K
>> AText book on Linear Integrated Circuit Lab Manual By Roshini TV and Bindu Sebastian.

## TRAINING PROGRAMS

** Induction Program for S3 ECE students Conducted On 18th May to 30th May 2015

** Placement Training Program for S7 ECE students Conducted On 1st June to 3rd June 2015

## PLACEMENT OFFERS 2015

| | | | | |
|---|---|---|---|---|
| **VEENA BABY (ECE)** MACMIN INFOTECH | **DONITHA MICHAEL (ECE)** HCL TECHNOLOGIES | **KRISHNAGOPAL A (ECE)** HCL TECHNOLOGIES | **ANJU SEBASTIAN (ECE)** VERVE TECHNOLOGIES | **SHIYONA JOSEPH (ECE)** VERVE TECHNOLOGIES |
| **RISHIN RAJ (ECE)** FACE ACADEMY | **SREEJITH T K (ECE)** CONCEIRGE TECHNOLOGIES | **SHIGIL P(ECE)** SPANEOS SOFTWARE SOLUTION PVT. LTD. | **ANUPRIYA M (ECE)** SPANEOS SOFTWARE SOLUTION PVT. LTD. | **SREEJITH T K (ECE)** SPANEOS SOFTWARE SOLUTION PVT. LTD. |
| **KRISHNAGOPAL A (ECE)** TATA CONSULTANCY SERVICE | **AKHIL JAMES (ECE)** TATA CONSULTANCY SERVICE | **RISHIN RAJ (ECE)** TATA CONSULTANCY SERVICE | **SHERILL ANN (ECE)** MIND EDUTAINMENT PVT. LTD. | **ANJALI P P (ECE)** SUTHERLAND GLOBAL SERVICES |
| **MELVIN JOHN (ECE)** VERVE TECHNOLOGIES | **AKASH PRADEEP (ECE)** VERVE TECHNOLOGIES | **DHANYA E P (ECE)** VERVE TECHNOLOGIES | **AKHIL JAMES (ECE)** RELIANCE ADA | **SRUTHI P V (ECE)** RELIANCE ADA |
| **CIBIN SEBASTIAN (ECE)** RELIANCE ADA | **METILDA THOMAS (ECE)** RELIANCE ADA | **MELVIN JOHN (ECE)** RELIANCE ADA | **NAVEEN PAUL WILSON (ECE)** SUTHERLAND GLOBAL SERVICES | **AKHIL MATHEW (ECE)** SUTHERLAND GLOBAL SERVICES |

DILJO THOMAS (ECE)
RELIANCE ADA

NAVEEN PAUL WILSON (ECE)
RELIANCE ADA

VIJNA P T (ECE)
RELIANCE ADA

RISHIN RAJ (ECE)
RELIANCE ADA

SHERILL ANN JOSE (ECE)
RELIANCE ADA

SREEJITH T. K. (ECE)
CABOT TECHNOLOGIES

DHANYA E P (ECE)
CABOT TECHNOLOGIES

JOSEPH MATHEW (ECE)
FEDERAL BANK

AKHIL JAMES (ECE)
FEDERAL BANK

CHYTHRA MAHEENDRAN (ECE)
TATA CONSULTANCY SERVICE

AKHIL JAMES (ECE)
UST GLOBAL

KRISHNAGOPAL A (ECE)
UST GLOBAL

AKASH PRADEEP (ECE)
HCL TECHNOLOGIES

# PAPER PUBLICATIONS

>> Monopole plannar antenna using switchable slot structures - IJETMAS April 2015 volume 3 - Manoj KC

>> Sensor node failure detection - IJERT April 2015 Volume 4 Issue 4 - Grace John and Anusha Chacko

>> Efficient use of PTS for PAPR reduction in OFDM System - IJETT - Anusha Chacko and Grace John

>> Event detecion of acoustic emission using wavelet packets and corelation analysis - IJERT April 2015 Volume 4 Issue 4 - Anna Thomas and Lekshmi S

>> Performance analysis of various clasifier for retinal image identification - IJETT Volume 22 Issue 2 2015 - Lekshmi S and Anna Thomas

>> Analysis of ECE signal denimy using wave transform - IJARCCE March 2015 Volume 4 Issue 3 - Roshini TV

>> A motion based sign Language recognition method - IJETMAS-Vinod J Thomas

>> A review on VLC using OFDM -IJETMAS- Bindu Sebastian.

>> A survey of single image and multiimage super resolution techniques-IJSR-Jerrin Yomas

>> E-Uniform for soldiers who work at extreme temperature region -IJERGS- Adarsh KS

>> Voltage flickering mitigation by DSTATCOM - IJETT volume 22 number 1 april 2014 issue 5- Anoop B K ,Binil Kumar and Manoj K C

>> A fast kernel parametric active contour method for detecting tumor based on image segmentation - IJETT -Binil Kumar K anoop B K and Adarsh K S

>> Significance of hand gesture reorganization systems in vehicular automation- a survey in IJCA Jobin Francis and Anoop B K

>> CSS based CDMA receiver - IJETT- Volume 21,March 2015- Jayesh George, Azeela Azeez and Dayana Mathew

# PATENET APPLIED

# INTERNET OF THINGS BASEDSMART HOME AUTOMATION SYSTEM - Jayesh George

# REAL TIME MONITORING SYSTEM FOR PLANTATION - Jayesh George

# NS-3 WORKSHOP

Department of Electronics And Coomunication conducted a 5 days faculty development program on the topic 'RESEARCH TRENDS AND SIMULATORS FOR WIRELESS NETWORKS' on 10th to 14th April 2015.



FIVE DAYS FACULTY DEVELOPMENT PROGRAM
ON
RESEARCH TRENDS AND SIMULATORS
FOR WIRELESS NETWORKS

10th TO 14th APRIL 2015

ORGANIZED BY

IN ASSOCIATION WITH

DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING
VIMAL JYOTHI ENGINEERING COLLEGE
JYOTHI NAGAR, CHEMPERI,
KANNUR – 670632

# INTERNET SECURITY GUEST TALK

C-DAC Bangalore was conducted a guest Talk on Internet Security on 9th March 2015 from 10 am to 12 pm. Chief Technical Officer Mr. Shamjith K V, from C-DAC banaglore was handled the session. The Guest Talk was organized by Department of ECE in association with IEEE Communication Society and ISTE



# MoU WITH RV COLLEGE OF ENGINEERING

Vimal Jyothi Engineering College, Kannur and RV College of Engineering, Bangalore signed MOU on 27/01/2015 to establish relations between the two institutions, hereby agree to cooperate with each other in areas of mutual interest. The purpose of this Agreement is to develop academic and educational cooperation and to promote mutual understanding between the Institutions.



# RECENT TRENDS

>> Raspberry PI 2 is Launched , which consits of A 900MHz quad-core ARM Cortex-A7 CPU and 1GB RAM and also it supports WINDOWS 10 OS
>> Altium has released MCAD Co-Designer: Solidworks, an extension for Altium Designer provides integrated design data and a managed design revision environment between electrical and mechanical design teams working in Altium Designer and Solidworks respectively.
>> Sierra Wireless has launched the AirPrime WP Series of smart wireless modules, designed to reduce system complexity and to accelerate the development of IoT products and applications.



Free from All Worries.....With frens all the time....

ALUMNI MEET 2015

july 11th, 2015

at

HOTEL MASCOT PARADISE
KANNUR

All ECE pass out students of VJEC are welcome

Programme
Inauguration of Alumni Association
Sharing of Thoughts
Buffet
Blast out Beach
Photo Session

Vimal Jyothi Engineering College

Contact: Binil Kumar K, Alumni in-charge, Ph: +91 8281 9549 06