



EDITORIAL

Welcome to the "TECH HERALD" newsletter! Our prime aim of half yearly newsletter Publication is to bring report of all activities Happening at Department of Electronics and Communication Engineering, JIIT for the Benefit of our students and alumni. In this Issue we have captured the thoughts of second Half of the academic year 2015-16. The Readers will appreciate the assortment of Topics from students participation in various Events and students placements in different firms. Also covers students participation in sports, institute Industry interactions and research spotlight. The Students corner highlights the achievements of Our students. Hope you enjoy the fare

TECH HERALD

NEWSLETTER

**DEPARTMENT OF ELECTRONICS
& COMMUNICATION ENGINEERING**

VOL-4 EVEN SEMESTER JAN-JULY 2015-16

EDITORIAL BOARD

Mr. Nagesh Kumar D.N

Asst. Professor

Mr. Madhukar M

Asst. Professor

Adarsh Prabhakara & Sachin P Sharma

4th Sem, ECE

Lavanya S A

6th Sem, ECE

VISION

TO BE A DEPARTMENT OF EXCELLENCE AT A GLOBAL LEVEL IN ELECTRONICS AND COMMUNICATION ENGINEERING EDUCATION, IN INCORPORATING RESEARCH & INNOVATION AND LEADERSHIP TRAINING COMPONENTS.

MISSION

THE DEPARTMENT WILL

- **M1: STRIVE TO PROVIDE STATE OF ART INFRASTRUCTURE IN CLASSROOMS AND LABORATORIES**
- **M2: ENABLE ALL-ROUND DEVELOPMENT WITH INDIVIDUAL ATTENTION AND INNOVATIVE TEACHING-LEARNING METHODOLOGY**
- **M3: IMPART LEADERSHIP QUALITIES INTO THE STUDENTS BY EXPOSING THEM TO INDUSTRY AND RESEARCH IN GLOBAL ELECTRONICS AND COMMUNICATION ENGINEERING DOMAIN**

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EVENTS

RESEARCH OPPORTUNITY IN SIGNAL AND IMAGE PROCESSING

Electronics & Communication Engineering is a dynamic and broadly interdisciplinary field that continues to experience a rapid professional growth. To emphasize this, Dept. Of ECE, Jyothy Institute of Technology, Bengaluru came up with the idea to arrange a faculty development program to help delegates from Educational Institutions, Industries, R&D centers and Government organizations in the field of Signal and Image Processing.



PAPER PRESENTATION:

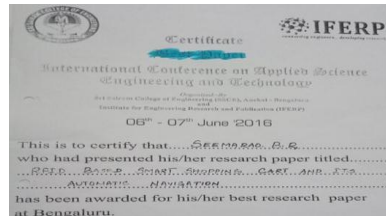
Lavanya S A presented a paper on "DIGITAL ADAPTIVE FILTERS BASED PSO ALGORITHM IN DIGITAL COMMUNICATION SYSTEM" at a International Conference held by IIRDEM at Gulbarga University on 27th march 2016.

Mr. Guruprasad M Bhat, Mr. Anil C, Ms. Anuradha S, Ms. Arpitha V Murthy & Ms. Sridevi S from ECE Department Published a paper titled "SECURING SECRET MESSAGES: A REVIEW".

Mr. Madhukar M, Mr. Abhishek K A, Mr. Koushik M, Ms. Nikhila R & Ms. Lekhashree K of ECE Department reviewed a paper on "AUTOMATED TRAFFIC SIGNALS".

Mrs. Sumangala Gejje, Mr. Murali G, Mr. Akshay M S & Ms. Chaitra B N published a paper on "DESIGN AND IMPLEMENTATION OF GAS LEAKAGE DETECTOR USING WIRELESS DATA ACQUISITION SYSTEM FOR REAL TIME APPLICATIONS USING THE CONCEPTS OF IoT".

Arun M Alexander & Seema Rao B R was awarded for their Research paper titled "RFID BASED SMART SHOPPING CART AND ITS AUTOMATIC NAVIGATION" on 6TH & 7TH June 2016 at Bengaluru.



PLACEMENT ACTIVITY

Final year students Rajesh M, Ashwath D S and Wasim Feroz are Selected by M/S. MPhasis during the Campus Recruitment held on 12th feb,2016.

Supriya D, Roopak K Gowda, Abhilash S were placed in M/S. First American India Pvt.Ltd.

5TH NATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING TECHNOLOGY, ETET-2016



March 11th : The National conference held on march 11th and 12th was presided by Chief Guest Dr S G Sreekanteshwara Swamy, Executive Director, KSCST, Mrs. Saravana Kumari Sundarm, Dr. Mahendra K V, Principal, JIT and Shri Narsimhan M, Trustee, Jyothy Charitable Trust.

STUDENT'S CORNER

Vibha . N of 4th semester won 1st prize in Throwball organized by Jyothy Institute of Technology During College Day Celebrations held on 2015-16. students.



Swathi . V & Devi . R was awarded as the best volunteer Of Jyothy Institute of Technology for the year 2015-16.

