



***NARSIMHA REDDY ENGINEERING COLLEGE***

***ECE C@NNECT***

*DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING*

**VOLUME 5 ISSUE 2, November 2016**

**Workshops / Guest Lecture / Seminars Organized for students:**

- The Department of ECE has conducted a Workshop entitled “**Make Objects, Gadgets and Robotics**” by Mr.KishoreVerma from 07-09-2016 to 08-09-2016.



- The Department of ECE has conducted a Workshop entitled “PCB Designing” by Mr.D.Rahul from 22-09-2016 to 23-09-2016.



- The Department of ECE has Organized a Guest Lecture entitled **“DIP and its Applications”** by **Dr.T.SatyaSavithri** on 7<sup>th</sup> October 2016.



- The Department of ECE has Organized a Guest Lecture entitled **“Signals and Systems and its Applications”** by Mr.K.V.Swamy on 16<sup>th</sup> September 2016.





- The Department of ECE has arranged Seminar entitled **“Design Concepts of Embedded Systems”** by Mr. Kishore Verma on 10-08-2016.



- The Department of ECE has arranged a Seminar entitled “**Overview of Control Systems and its applications**” by Mr. Sandeep Bhandari on 19-09-2016.



### **Paper published by Faculties:**

- “Design and implementation of convolution and Deconvolution by using Sutras” Paper published by **A.Karthik, Asst. Professor, NRCM HYD.**
- “Design and implementation of social media based security system” Paper published by **A.Nagasuman, Asst. Professor, NRCM HYD.**
- “Implementation and Design of high performance 128 bit parallel prefix MAC unit” Paper published by **D.Kiran kumar. Asst. Professor, NRCM HYD.**

### **Faculty development programs attended by Faculty:**

- “Protocols & Architectures for Wireless sensor Networks” at MRIET from 28/11/16 to 02/12/16.
- “One week FDP on Python,Scilab,Drupal” at BVRITH College of Engineering for Women from 4/11/16 to 10/11/16.
- “Hands-on Intensive MATLAB Workshop on Digital Image Analysis for Pattern Recognition & Classification Techniques” at NRCM from 27th to 31st August 2016.
- “Basics of MATLAB and SIMULINK” at MREC on 19-Nov-16.

### **Workshop/training programs attended by Faculty:**

- “Make Objects, Gadgets and Robotics” at NRCM on 7<sup>th</sup> Sept to 8<sup>th</sup> Sep.2016.
- “PCB Design and fabrication” at NRCM on 22<sup>nd</sup> to 23<sup>rd</sup> AUG 2016.
- **Organized a National Conference On “Communication, Signal Processing &VLSI ( NCCSPVLSI- 2016 )”**



# National Conference on Communications, Signal Processing & VLSI (NCCSPVLSI - 2016)



Organized by  
**NARSIMHA REDDY ENGINEERING COLLEGE**

(Affiliated to JNTU, Hyderabad) Madammasguda, Dulpally, Hyderabad.



## About the College:

Narsimha Reddy Engineering College (NRCM) is promoted & managed under the inspiring & dynamic Chairmanship of Sri. J. Narsimha Reddy and a lot of dedicated members. This is the first institution belonging to JANKALU EDUCATIONAL SOCIETY was established in 2007 to serve the people of this backward region of the state of Telangana (India). The institution is developed strictly in accordance with the provisions of governing rules & regulations of the approving bodies.

During the last ten years, this College has made rapid progress and has developed into one of the very large and foremost Engineering Colleges in Telangana State, offering

the following programmes: Five B.Tech. programmes - Electronics & Communication Engineering (ECE), Computer Science & Engineering (CSE), Electrical & Electronics Engineering (EEE), Civil Engineering & Mechanical Engineering, Post-Graduate Programmes - M.A. M.Tech./Computer Science & Engineering, M.Tech. (Software Engineering), M.Tech. (Embedded System Design), M.Tech. (VLSI Design), M.Tech. (Power Electronics).

## About the Department:

The Department of Electronics & Communication Engineering was established in the academic year 2008-09, with annual intake of 60 and was enhanced to 120 from the academic year 2012-13 and later 180 from the academic year 2015-16. Five batches of B.Tech students have graduated so far and they are well placed. The Department offers M.Tech. Programmes in Two specializations: VLSI design, Embedded System. Since the academic year 2016.

The Department has well equipped and updated laboratories: Electronic Devices and Circuits, Analog Communications, IC Applications, Microprocessors and Digital Communications, Pulse and Digital Circuits, Digital Communications, Microprocessors & Microcontrollers, VHDL/Versilog, VLSI, MATLAB, PIC/PC, MASM and Embedded systems Lab where students can develop need based industrial applications. The department is run by well qualified and experienced faculty & supporting staff. The department is particularly attentive towards research, projects, workshops and guest lectures for the benefit of both the students and the faculty. The motto of the department is "To impart Quality Education in Electronics and Communication Engineering".

## About Conference:

NCCSPVLSI-2016 serves a platform for PG students, faculty and scientists to discuss and present the recent development in the field of communications, Signal Processing and VLSI. This conference will host invited talks and creates an unprecedented opportunity for fellow researchers, academicians and professionals working in the above said environment to share their research findings.

## Call for Papers:

Original and Unpublished research papers are invited from PG students, research scholars, faculty, practicing engineers and scientists in the following areas of interest:

**Communications:** Mobile / Optical / Satellite/ Microwave / Radar Communications, Wired / Wireless Communications, Communication Protocols.

**Signal Processing:** Image / video / Audio / Speech Processing, Machine learning/ Artificial Intelligence, Pattern Recognition, DSP algorithms and Architectures, Compression algorithms.

**VLSI:** FPGA / SoC Design and Reconfigurable systems, Computer Aided Design (CAD), VLSI Algorithm Optimization, Verification and Validation, VLSI Implementation of Algorithms, Embedded Systems and Circuits, VLSI Tools, VLSI Signal Processing, Digital Design, Analog Mixed signal Design, RF Circuit Design, System level SoC design, Low Power Aware Design, Design Verification and Testing.

Prospective authors are requested to submit a soft copy of the paper to the e-mail: [hodce@nrcmec.org](mailto:hodce@nrcmec.org) in IEEE Two column format. The template for paper preparation is available at: [www.nrcmec.org/nccspvlsi2016/paperformat.pdf](http://www.nrcmec.org/nccspvlsi2016/paperformat.pdf). All the selected and presented papers will be published in the conference proceedings. Few selected papers will be published in peer reviewed JorSTEM with an ISSN 2456-0187. Updates for conference and journal publications will be available at [www.nrcmec.org/nccspvlsi2016.html](http://www.nrcmec.org/nccspvlsi2016.html)

## Registration details:

The registration fee includes conference kit, soft copy of Proceedings, refreshment and lunch during the conference. The registration fee has to be paid in the form of either through Demand Draft drawn in favor of "The Principal" NARSIMHA REDDY ENGINEERING COLLEGE payable at Hyderabad (OR) On-line transaction. The details of account no, beneficiary name, IFSC code etc are made available at [www.nrcmec.org/nccspvlsi2016.html](http://www.nrcmec.org/nccspvlsi2016.html). Upon specific request from the authors, accommodation in Private Hotels and Motels will be provided on seminar payment in addition to the registration fee.

## REGISTRATION FEE

Industry Faculty : Rs. 2000/-  
Research Scholar & PG Students : Rs. 1000/-

## IMPORTANT DATES

Full Paper Submission : 1st NOV 2016  
Notification of Acceptance : 3rd NOV 2016  
Camera Ready Paper : 5th NOV 2016  
Conference Registration : 5th NOV 2016  
Date of Conference : 11&12 NOV 2016

The registration fee includes to Chennai City (SD) in form of HOD/CE, NRCM payable at Madammasguda and send to: Madammasguda, Dulpally, Hyderabad - 500108

## FORMAT & GUIDELINES FOR PAPER SUBMISSION

Papers may be sent to:

The standard papers will be published in JorSTEM peer reviewed journal with an ISSN number 2456-0187.

## A final mark for Quality Education

Contact Us:

The Conference, NCCSPVLSI - 2016,

NARSIMHA REDDY ENGINEERING COLLEGE,

Madammasguda, Dulpally, Hyderabad - 500108, Telangana.

Mobile: 9447377961

E-mail: [hodce@nrcmec.org](mailto:hodce@nrcmec.org)

## Organizing Committee

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Mr. N. Divya Jyothi, Asst. Prof., ECE

Website: [www.nrcmec.org](http://www.nrcmec.org)



## **PHD ADMISSION:**

The following Faculty members are the Research Scholars.

- N. Muralimohan
- K .Srinivasulu