

# 1<sup>ST</sup> NATIONAL CONFERENCE ON RECENT TRENDS IN ENGINEERING EDUCATION AND SIGNIFICANCE OF FREE OPEN SOURCE SOFTWARES

**NCRTEEFOS-2016**  
DECEMBER 15<sup>TH</sup>-17<sup>TH</sup> 2016

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## ABOUT THE COLLEGE - KGR CET

KG Reddy College of Engineering and Technology is a new age engineering college known for its commitment to offer world-class engineering education with quality technical teaching and best of infrastructure. The college offers engineering education (both B.Tech & M.Tech) with quality technical teaching and life skill oriented knowledge.

Located at Chilkur, the abode of Lord Balaji, Hyderabad, KG Reddy College brings global education to its students by collaborating with highly reputed universities from USA and teaming up with international organizations focused towards engineering education development. With reputation for excellence in teaching and student-needed infrastructure, the campus has excellent and modern infrastructure. Our blended and active learning curriculum, digital classrooms, library, experienced faculty, availability to extensive R&D facilities and students centered learning environment make KG Reddy College a unique address for new age engineering. Our College is offering B.Tech and M.Tech Programmes in the areas of Computer Science and Engineering, Electrical and electronics engineering and Master in Business Administration (MBA).

## ABOUT SWECHA:

Swecha was founded in 2005 as an organization to support the Swecha project, it is now a vibrant community of software users, students, academicians and software professionals/developers determined to provide quality software built on the guidelines of free software development model.

Swecha aims at providing global software solutions to the local people with the Free Software development model by working together with the community of developers and users all over.

## ABOUT SPOKEN TUTORIALS IIT BOMBAY:

The Spoken Tutorial project is the initiative of the 'Talk to a Teacher' activity of the National Mission on Education through Information and Communication Technology (ICT), launched by the Ministry of Human Resources and Development, Government of India. The use of spoken tutorials to popularize software development and its use will be coordinated through this website.

The Spoken Tutorial project is being developed by IIT Bombay for MHRD, Government of India.

## CONFERENCE THEME:

This conference is going to create the awareness among the faculty, research scholars, students, and Industry about the availability and effective use of Free open Source Softwares, as an alternative to the vendor locking softwares

and strengthen communities and enhance the opportunities on Open Source Software for the ICT Industry in India. Provide an attractive and sustainable environment for networking FOSS users, researchers, developers and experts. Share experiences and exchange successful FOSS developments and applications

## CALL FOR PAPERS

Papers are invited on the following themes. The papers submitted will go through a review process and shall be accepted for Oral presentations. All papers accepted will be printed in the Conference proceedings.

CONFERENCE TOPICS, BUT NOT LIMITED TO

### DEPARTMENT OF ECE:

VLSI Design

Signal/Image

Processing Embedded

Systems

Communication

Antennas and Wave

Theory

### DEPARTMENT OF CSE:

Data Mining and Data

Warehousing

Cloud Computing

Big data Analytics

High performance

computing

Soft Computing

Grid Computing

### DEPARTMENT OF MECHANICAL:

Latest trends in finite elements

methods

Fatigue failures in

mechanical components

solar energy

Wind energy

Latest developments in

robotics

Latest technology used in

internal combustion engines

Fabrication of MEMS

### DEPARTMENT OF EEE:

Electrical Machines,

Power Electronics &

Industry Applications

Soft Computing

Techniques in Power

systems

Power Quality

Improvement Techniques

Renewable Power

Conversion Technologies

Control Theory and

Application

### DEPT OF CIVIL

Application of open

source software in Civil

Engineering.

Retrofitting &

Rehabilitation

of structures.

Catastrophe Management

using GIS.

Treatment of waste water

using wetlands.

Application of

Geo-synthetics

in Civil Engineering.

Building Information

Modeling (BIM)

## REGISTRATION DETAILS:

Full Paper Submission

last date-November 20, 2016

Paper Acceptance

last date-November 27, 2016

Registration

on or before December 05, 2016

Conference Dates

December 15-17, 2016

Category Fee

Industry Delegates 2000/-

Faculty/Ph.D Scholars 1500/-

PG Scholars 1000/-

## ORGANISING COMMITTEE

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## ORGANIZED BY

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