

National Conference  
on  
Emerging Trends in Modern Electronics  
& Biomedical Engineering

3<sup>rd</sup> May 2013

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Organized By  
Department of ECE & BME

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#### ABOUT THE COLLEGE

Jerusalem College of Engineering was started in 1995, with a commitment to develop professionals through quality education. The college is affiliated to Anna University and offers several UG & PG courses approved by AICTE. It is the first non-autonomous, self financing engg. college accredited by NAAC with B++ grade. The college has emerged as an inter disciplinary institution of excellence to satisfy the students community at large.

#### ABOUT THE DEPARTMENT

The Department is well established with state-of-the-art facilities, excellent faculty and students, determined to pursue the path of knowledge. The Department provides career focused programme with a vision to create a center of excellence for imparting technical expertise of the highest order and to produce globally competent professionals.

#### ABOUT THE CONFERENCE

The Conference focuses on Emerging trends in Modern Electronics and Bio Medical Engineering and aims to provide a common forum for gathering of innovative researchers, academicians and industry experts to excel in the area of Modern Electronics & Bio Medical Engineering.

#### OBJECTIVES

- ★ To inculcate research spirit in the area of Electronics & Bio Medical Engineering.
- ★ To give overview of advanced developments in the field of Modern Electronics & Bio Medical Engineering

#### TOPICS OF INTEREST

##### COMMUNICATION & NETWORKS

Information and Coding Theory  
Wireless & Broadband Communication  
Satellite and Optical Communication  
Optical Networks & Systems  
Sensor Networks and Ad-hoc Networks  
Wireless and Wireline Networks

##### VLSI AND EMBEDDED

VLSI & Embedded System for commn.  
Analog and Digital VLSI design  
Low power VLSI

##### SIGNAL & IMAGE PROCESSING

Signal Processing for Communication  
Image and Speech Signal Processing  
Bio Medical Applications  
Computational Statistical Methods

##### PATTERN RECOGNITION

Neural Networks & Fuzzy Logic  
Image, Speech and Text Recognition  
Bio Science & Health Informatic Applications

**MEDICAL INSTRUMENTATION & BIO MEMS**  
Industrial applications of Bio Medical Instruments  
MEMS / NEMS in medicine  
Intelligent Instrumentation  
Lab On a Chip & Micro Arrays

#### REGISTRATION FEE

For Participants from:  
Industrial / R & D Institutions Rs.2000/-  
Academic Institutions Rs.1500/-  
For Research Scholars Rs.1000/-  
For Students Rs.1000/-

#### PLAGIARISM

★ Authors are requested to check their content using anyone of the following plagiarism detector.

- ★ [www.ithenticate.com](http://www.ithenticate.com)
- ★ [www.plagiarismchecker.com](http://www.plagiarismchecker.com)

#### IMPORTANT DATES:

Submission of Paper : 20.03.13  
Notification of Acceptance: 30.03.13  
Last Date for Registration : 15.04.13

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