

## ABOUT THE COLLEGE

Guru Nanak Dev Engineering College, Ludhiana is one of the pioneering NBA accredited engineering institutes of the country. Recently, college has been declared as an autonomous college by U.G.C. Running under the aegis of Nankana Sahib Educational Trust and started in 1956, the college has produced engineers who have held the nation's flag high. The college boasts of excellent infrastructure and state of the art laboratories. The sprawling college campus spreads over 88 acres is within the municipal limits of city of Ludhiana. The college offers 7 under graduate courses and 13 post graduate courses of engineering and management. Lush green lawns, well stocked electronically enabled library, well laid out sports fields provide a perfect ambience for learning. The college has been consistently ranked amongst the top engineering colleges in India by various ranking surveys.

## ABOUT THE DEPARTMENT

The department of Electronics and Communication Engineering was established in 1981 with a Bachelor's course having an intake of 15 students, which has increased to 90 over the period of time. The department is running M. Tech. course in Electronics and Communication Engineering (both Full-time and Part-time), and M. Tech. VLSI Design (Part-time). The department is accredited by NBA and has excellent facilities including well equipped laboratories, departmental library, online access to the latest journals including IEEE and Science Direct, exclusive departmental computing facilities with 60 computers and EDA tools and a fledgling consultancy. The students of the department are placed in reputed companies through campus placement and have achieved professional excellence all over the world.

## ABOUT THE CITY

The city of Ludhiana with the population of more than 35 lakhs is located on the latitude 30.55° North and longitude 75.45° east in the state of Punjab in Northern India. The city stands on the Grand Trunk Road (NH-1) from Delhi to Amritsar. It is well connected by bus and trains from Chandigarh (100 km), Amritsar (140Km) and Delhi (320 Km). The domestic airport of Ludhiana is 10 km from the college campus.

## NEED OF THE CONFERENCE

With rapid advances in the field of Electronics & Communication Technology, scientists and engineers are coming up with newer and innovative systems for data transmission. Wireless communication has taken over the market with a boom. The state of art of optical networks has advanced dramatically in the past few years. Electronics and computer engineers are attempting to emulate the ability of the human mind through neural and fuzzy networks.

The conference is the 3rd conference in series which started in 2006. The highly successful RAECT-06 and RAECT-11 got an overwhelming response with over 200 contributions each. This conference is a forum for the presentation and exchange of ideas in the field of electronics, and should be of interest to academic pioneers, researchers and the industry practitioners. A wide range of aspects of theory, research, methodology and application will be addressed. A series of invited lectures from eminent persons from national institutes and industries shall be organized during the conference. It is open to faculty of various engineering institutes and industry personnel from all over the country. Technical paper contribution containing unpublished work is invited from all participants belonging to above group.

## SCOPE

The scope of the conference is related to but not limited to the following tracks.

- Track 1. VLSI Design & Technology
- Track 2. Optical Fiber Communication
- Track 3. Wireless Communication
- Track 4. Soft Computing and Optimization
- Track 5. Microwave and Antennas
- Track 6. Embedded Systems
- Track 7. Signal Processing

## PAPER SUBMISSION

The papers are to be submitted strictly as per IEEE double column format. All submitted papers shall be reviewed by a committee of experts and successful papers shall be presented during the conference and published in its proceedings. Papers are to be submitted in PDF and MS-Word formats. Maximum no. of pages of the paper should not be more than 5. Registration fee should be paid through demand draft in favour of the Convener, RAECT-13 payable at Ludhiana. At least one author must be registered for the paper to be included in proceedings.

## REGISTRATION FEE

Academicians:	Rs. 3000/-
Delegates from Industry:	Rs. 5000/-
Students:	Rs. 2000/-

## ACCOMMODATION

Limited accommodation would be made available in the college campus on prior intimation.

## CALL FOR SPONSORSHIP

The national conference is sponsored by TEQIP and is likely to be sponsored by DST, AICTE and PTU Jalandhar etc. However, industries/ organizations are also invited to sponsor this event and to participate in the conference.

## TARIFFS FOR SPONSORSHIP

Sponsor	Rs 30,000/-
Co-Sponsor	Rs 20,000/-
Supporting Organization	Rs 10,000/-

Sponsorship payments may be made in the form of DD/ banker's cheque in the favour of Convener, RAECT-13 payable at Ludhiana.

## BENEFITS OF SPONSORSHIP

### SPONSORS

Two delegates free, one full page (Inside) advertisement free in the souvenir, 15 minutes of product presentation during the conference.

### CO-SPONSORS

One delegate free, half page advertisement free in the souvenir, 10 minutes of product presentation.

### SUPPORTING ORGANIZATIONS

One delegate free and distribution of product literature to delegates.



TEQIP SPONSORED  
**Third National Conference**

on  
*Recent Advances in Electronics &  
Communication Technologies*

**RAECT - 13**

March 21-22, 2013

REGISTRATION FORM

- Name : .....
- Designation : .....
- Organisation/Institute : .....
- Address : .....
- Contact No. (O) ..... (R) .....
- Email address : .....
- Registration Fee :  
Amount ..... DD No. ....  
Bank ..... Date .....
- Accommodation Required: Yes/No

Date :

Signature of Delegate

Mailing Address for Correspondence:

Dr. Sandeep Singh Gill

Convener, RAECT-13

Department of Electronics and Communication Engineering

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Dates to Remember

Submission of full length paper  
2<sup>nd</sup> March 2013 (Saturday)

Intimation of Acceptance

6<sup>th</sup> March 2013 (Wednesday)

Last Date of registration

11<sup>th</sup> March 2013 (Monday)

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Conveners

Dr. Sandeep Singh Gill

Dr. Munish Rattan

**GURU NANAK DEV ENGINEERING COLLEGE**

(AN AUTONOMOUS COLLEGE UNDER UGC ACT)

AICTE Approved, NBA Accredited, Punjab Govt. Aided Status, Affiliated to PTU, Jalandhar

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