

**National Conference
On
RECENT TRENDS & TECHNOLOGIES
IN WIRELESS COMMUNICATION
& NETWORKING-2012
(Dec. 22-23, 2012)**

“NCRTTWCN- 2012”

Technically Supported by



सह धीर्यं करवावहे

The Institution of Electronics &
Telecommunication Engineers (INDIA)



IEEE-MTTS India Council Chapter



Indian Society for
Technical Education

Organized by

**DEPARTMENT OF
ELECTRONICS & COMMUNICATION ENGINEERING**



POORNIMA
COLLEGE OF ENGINEERING

ISI-6 RIICO Institutional Area, Sitapura
JAIPUR – 302022 (Rajasthan), INDIA
Phone/Fax: 0141-2770790, 92
Website: www.poornima.org

**Invitation for Participation in National Conference
on 'Recent Trends & Technologies in Wireless
Communication & Networking-2012'**

Dear Sir/Madam,

Greetings from Poornima College of Engineering, Jaipur.

It gives us immense pleasure to inform you that Poornima College of Engineering is organizing **National Conference on Recent Trends & Technologies in Wireless Communication & Networking (NCRTTWCN-2012) on 22nd and 23rd December 2012.**

The Conference is technically supported by IEEE-MTTS India Council Chapter, The Institution of Electronics & Telecommunication Engineers (INDIA) and Indian Society for Technical Education.

We invite your good-self and faculty members in your college to contribute review and research paper in the areas of Wireless Communication, Microwave Communication and Networking .

We also request you to please give it a wider publicity by displaying the brochure to engineering fraternity.

Looking forward for a positive favorable response.

Thanking You

With Best Regards

Mr. Amit Kumar Prajapati
Convener, NCRTTWCN-2012

Dr. Om Prakash Sharma
Secretary, NCRTTWCN-2012

Note: All papers are to be emailed to

ncrttwcn2012@gmail.com

OR

prajapatiamit@poornima.org

*****JAI JAI POORNIMA SANSTHAN*****

ABOUT THE INSTITUTE

Poornima College of Engineering (PCE) was established in the year 2000. PCE is the flagship institution of Poornima Group of Colleges. There are seven B.Tech courses (CSE, ECE, EE, EIC, IT, ME, CIVIL), along with six M.Tech courses (CS, DC, VLSI, PS, PE, SE). In a span of twelve years PCE has added many feathers in its cap and has emerged as the top notch destination for technical education in Rajasthan.



- An institution with ECE, CS, EE and ME departments NBA Accredited.
- First private engineering college in Rajasthan accredited by Tata Consultancy Services (TCS) for regular campus placement. Tie-up with Infosys for campus connect programme.
- PCE was declared Centre of Excellence by IBM systems private Limited.
- PCE has IEEE student branch (CS) and ISTE student chapter.
- PCE has institution branch membership of the Institutions of Engineers (India).

In the current year 2012-13 the promoters have ventured into next logical status by establishing a University, namely Poornima University under Government of Rajasthan Act.

ABOUT THE DEPARTMENT

The Department of Electronics & Communication Engineering (ECE) was established in 2003. National Board of Accreditation (NBA) accredited the ECE department in year 2009. It has intake capacity of 180 (120 Morning shift+60 Evening Shift). It also offers M.Tech. in Digital Communication and VLSI Design with intake capacity of 18 students. The department has highly qualified, committed and research oriented faculty members. The Department has laboratories as per Rajasthan Technical University Syllabus with State-of-the-Art facilities in diversified fields such as Electronic circuits, VLSI Design, DSP, Embedded Systems, Advanced Wireless Communication and Microwave etc. Research is being carried out in the areas of Antenna design and Wireless communication. It has a departmental Library, which contains books, more than 200 titles. The department has secured 02 AICTE funded projects under the scheme of MODROBS. The department also succeeded to have more than 50 projects funded by Department of Science and Technology Rajasthan since 2003.

INDIAN SOCIETY FOR TECHNICAL EDUCATION

The Indian Society for Technical Education is a national, professional, non-profit making Society registered under the Societies Registration Act of 1860. First started in 1941 as the Association of Principals of Technical Institutions (APTI), it was converted into "Indian Society for Technical Education" in 1968 with a view to enlarge its activities to advance the cause of technical education. The main goal is to serve as a common agency for stimulating and guiding its members to formulate the general goals and responsibilities of technical education for the service of mankind and the advancement of general welfare.

IETE JAIPUR CENTRE

The Institution of Electronics and Telecommunication Engineers (IETE) is India's leading recognized professional society devoted to the advancement of Science and Technology of Electronics, Telecommunication & IT. The IETE Jaipur Centre was established in 1975 and has its own premises which were inaugurated in 1991. The Jaipur Centre has the facilities like library, computer lab, and lecture hall and conference hall. The centre is very active in conducting technical meetings, symposium, seminars, conferences, workshops and other student activities. The Institution provides leadership in Scientific and Technical areas of direct importance to the national development and economy. Government of India has recognized IETE as a Scientific and Industrial Research Organization (SIRO).

IEEE-MTTS INDIA COUNCIL CHAPTER

IEEE India Council is the umbrella organization which coordinates IEEE activities in India. Its primary aim is to assist and coordinate the activities of local "Sections", in order to benefit mutually, and avoid duplication of efforts and resources. IEEE India Council was established on 20th May, 1976 and is one of the five councils in the Asia Pacific Region.

IEEE-Microwave Theory & Techniques Society (MTT-S) India Council is focusing in area of Microwave Theory & Techniques. In 2008, IEEE MTT-S India Council chapter came into existence at Jaipur. The main aim of formation of IEEE MTT-S India Council was to promote microwave activities in India and to provide a common platform where scientists, industry personnel and technocrats may interact with each other. Since 2008, It has organized/technically supported several International and National Conferences including Microwave-08 Jaipur, ICCC Chennai, ICMARS-09 Jodhpur, ICACC-11 Hamirpur, NCME Gwalior etc in different parts of the country.

NCRTTWCN- 2012 SCOPES & OBJECTIVES

The National Conference on RECENT TRENDS & TECHNOLOGIES IN WIRELESS COMMUNICATION & NETWORKING-2012 aims to accumulate and share innovative ideas, precious knowledge and unique experiences for mutual benefits of academicians, researchers and industrial experts in the Field of Wireless communication and networking on a common forum. We do hope that active involvement of most prominent speakers and delegates and their innovative ideas will create a stimulating atmosphere for further active development of multi disciplinary and convergent research in the area of latest advancement and recent trends in Wireless Communication & networking.

CONFERENCE TOPICS

Researchers from academia as well as industry are invited to submit their original unpublished research papers in the following areas, **but not limited to:**

Scope 1: Wireless Communication

- Advances in Wireless Communication and Applications
- Error Control Coding and Information theory
- Modulation techniques
- Broadband Mobile Communication
- 4G Wireless Communication
- MIMO System
- Remote Sensing and Satellite Communication
- Wireless RF components and systems
- Smart Antennas and Wave Propagation
- Digital Signal Processing & Image Processing
- Trends in Wireless Gadgets and Equipment
- VLSI, VHDL & Chip Level Design
- Effect of Globalization on Electronics Industry
- Software for Electronic Design and Simulation

Scope 2: Microwave Communication

- Antenna Design, Modeling and Measurements
- CAD technology, Modeling and simulation
- Microwave Devices, Circuits and Systems
- EMI and EMC Technology
- Radar Technology
- Microwave Remote Sensing and Sensors

Scope 3: Networking

- Wireless LANs and PANs
- Wireless Sensor Networks
- Wireless Security
- Artificial Neural Networks
- Security and Regulatory Systems & Issues

The above list is only indicative of the areas and is not exhaustive. Any contribution in the related area would be welcomed.

SUBMISSION OF PAPER

The full length papers will be limited to five A-4 pages (IEEE Proceeding format) which will be published in the form of proceedings. Please send a soft copy of your un-published manuscript in prescribed format to the conference convener by 8th Dec, 2012 at ncrttwn2012@gmail.com, prajapatiamit@poornima.org. Papers must not have been published, accepted for publication, or presently be under consideration for publication elsewhere. All papers submitted to the conference will be reviewed by the experts in relevant areas. Certificate will be provided to each registered candidate / participant.

PROCEEDINGS OF THE CONFERENCE

The manuscript of the paper, in duplicate, along with a CD (in MS Word), may be submitted by the participants to the Secretary / Convener of the Conference after acceptance of the paper.

REGISTRATION FORM

National Conference

On

**RECENT TRENDS & TECHNOLOGIES IN WIRELESS
COMMUNICATION & NETWORKING-2012**

(Dec. 22-23, 2012)

“NCRTTWCN- 2012”

Delegate Type – (A/B/C/D)*

Name

(In block letters)

Designation

Organization

Mailing Address

.....

Mobile No.....

Email

I wish to (Please tick where applicable)

Make an oral presentation []

Poster presentation []

Be a participant []

Title of the Paper

.....

Authors (1)

(2).....

Details of the D.D*:

No. Dated

Issued by (Bank & Branch)

Amount:

Date :

Signature of Participant

*Demand Draft drawn in favor of **“Poornima College of Engineering”**, payable at Jaipur.

Mentioned in Registration Fee

REGISTRATION FEES

Delegate Type	Delegate	Registration (Upto 15th Dec.)	Late Registration	Members of IEEE/ISTE/IETE
A	Industrial & Other delegates	₹ 1500/-	₹ 2000/-	₹ 1000/-
B	Faculty members	₹ 800/-	₹ 1200/-	₹ 700/-
C	Student / Research Scholars (Ph. D, M.Tech, M.Sc.)	₹ 700/-	₹ 900/-	₹ 500/-
D	Student (U.G)	₹ 300/-	₹ 500/-	₹ 200/-

Conference fee includes: Conference kit, Souvenir + Proceeding in CD, Lunch and Tea during conference days

ABOUT JAIPUR

Jaipur, well known as the pink city of India is a heritage city. It is the capital of state of Rajasthan. The Jaipur city was designed and founded in 1727 AD by Late Sawai Jai Singh II. The entire city is encircled by a fortified wall and guarded by seven gates. There are several places of historical architectural and scenic interest in and around the walled city of Jaipur. This diverse land of rich cultural heritage is a royal treat for tourist from all over the World. Some of the most visited tourist destination are Hawa Mahel, Amber Fort, Nahargarh Fort, Jaigarh Fort, Jantar Mantar, Birla Temple, Jaldhara, Albert Hall, Kullish Smriti Van.



HOW TO REACH JAIPUR

Jaipur is one vertex of the popular tourism Golden Triangle circuit Agra-Delhi-Jaipur and is well connected to most parts of India by air, train and road. PCE is located about 268 Km by road & 308 km by train from Delhi. It is situated at the Jaipur (Pink city), capital of Rajasthan and is encircled by several industries.



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Chairman, Poornima Foundation
and Poornima University

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Mr. SHASHIKANT SINGHI
Director General, Poornima Foundation

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Principal, Poornima College of Engineering

CONVENER

Mr. AMIT KUMAR PRAJAPATI
Asst. Professor ECE., Poornima College of Engineering

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Mr. Tarun Mishra, Asst. Prof., ECE, PCE

DATES TO REMEMBER

Full Paper Submission	:	December 08, 2012
Notification of Acceptance	:	December 12, 2012
Author's Registration	:	December 15, 2012

REGISTRATION

While submitting the papers, the contributing authors are requested to register for presenting the papers in the conference. The papers without registration will not appear in the proceedings. The registration may be confirmed on the receipt of duly signed registration form along with Demand Draft for registration fees, in favour of "Poornima College of Engineering", payable at Jaipur. The registered outstation delegates may be provided, on request, boarding and lodging in student hostels on nominal charges

CONTACT PERSONS

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