

## ABOUT JAIPUR

Jaipur, the Pink City of India, is enormously admired tourist destination in Rajasthan and India.

As per the census of 2011 & 2008, it is the 10th largest city of India ranking among the fifty engineering global outsourcing cities.

It was founded on 18th November, 1727 by Maharaja Sawai Jai Singh II, the ruler of Amber. It is an enthralling historical city and gateway to India's most flamboyant state. The city is colorful with oscillation of organized architecture unveiling the royal culture, arts and traditions as the heritage of Rajasthan.



## ABOUT RAJASTHAN

Rajasthan is the largest state of the Republic of India by Area. It encompasses most of the area of the large, inhospitable Great Indian desert (Thar Desert), which has an edge paralleling the Sutlej-Indus river valley along its border with Pakistan. The state borders Pakistan to the west, Gujarat to the southwest, Madhya Pradesh to the southeast, Uttar Pradesh & Haryana to the northeast & Punjab to the north. Rajasthan covers an area of 3,42,239 sq km. The Proportion of the state's total area to the total area of the country is 10.41%.

## HOW TO REACH CONFERENCE VENUE

Jaipur is one zenith of the popular tourism Golden Triangle circuit Agra-Delhi-Jaipur and is well connected to most parts of India by air, train and road. Poornima College of Engineering is located about 268 km by road & 308 km by train from Delhi. It is situated at the Jaipur, capital of Rajasthan and is encircled by several industries. Jaipur Railway Station and Jaipur Bus Stand are close by and are about 25 km. from the conference venue.



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Mr. Shirish Nagar (HOD, I Year)	Professor (EE), PCE
Dr. Chetan Khemraj	Professor (EE), PCE
Dr. Neeraj Tiwari	Professor (EE), PCE
Dr. Deepika Chauhan	Professor (EE), PCE

Papers Send at:

[icritetr2017@poornima.org](mailto:icritetr2017@poornima.org)

## KEYNOTE SPEAKER (S)

**Dr. R.C. Bansal**  
Professor and Group Head (Power)  
University of Pretoria  
(South Africa)

**Dr. Akshay Rathore**  
Associate Professor

Department of Electrical & Computer Engineering,  
Concordia University, Montreal, Canada

## IMPORTANT DATES

Full Paper Submission Deadline Extended	13 Nov. 2017
Acceptance Notification	15 Nov. 2017
Camera Ready Paper	18 Nov. 2017
Registration Deadline	18 Nov. 2017

### Accommodation:

The organizers shall provide all help and assistance to the delegates for getting suitable accommodation, however, the participants / delegates are requested to make their own arrangements for travel, boarding and lodging. If any assistance is required, please contact : Mr. Md. Asif Iqbal (09602022384).

The registered outstation delegates may be provided, on request, boarding and lodging in student hostels on nominal charges.

## REGISTRATION

At least one of the author of reviewed & accepted paper is required to register for presenting the paper in the conference. The paper 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 fee is also transfer into our accounts through NEFT/RTGS. The details of the account will be provided on request.

## CONTACT PERSONS

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Department of Electrical Engineering



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COLLEGE OF ENGINEERING

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INTERNATIONAL CONFERENCE ON  
"Recent Innovation and Trends  
in Engineering, Technology  
and Research"

ICRITETR-2017

DECEMBER 23-24, 2017



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Department of Electrical Engineering



**POORNIMA**  
COLLEGE OF ENGINEERING

Affiliated to Rajasthan Technical University, Kota & Approved by AICTE, New Delhi  
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## POORNIMA COLLEGE OF ENGINEERING



Poornima College of Engineering (PCE), the pioneer institute of PGC was established in the year 2000 with aim of imparting pragmatic technical education. In its magnificent journey of 17 years, PCE has set benchmark and reached at new pinnacles in engineering education with dedication, perseverance and devotion. With student strength of approx. 3,500 studying six specialization of engineering (CSE, ECE, EE, IT, ME & CIVIL), more than 3.5 lacks square feet of built up area, highly qualified faculties, state of the art infrastructure, good placements and industry-led curriculum, PCE is marching ahead of others with tremendous growth since its inception.

### Some key salient features are:

- Department of CSE & ECE are accredited by NBA.
- Successfully running three MHRD missions: (i) Quality Enhancement in Engineering Education (QEEE) (ii) National Mission in Education through ICT & (iii) Indian Institute of Remote Sensing (IIRS) outreach Programs.
- Awarded by Infosys as an advanced partner institute for successfully running 'Campus-Connect Program'.
- An institute designated as Centre of Excellence by IBM.
- Successfully running student chapters and forums of various Professional Societies such as IETE, IEEE, ISTE, IE, ISLE, AQSHRAE, ISHRAE, IGBC & CSI. • Online subscription & membership of IEEE, DELNET, MOOCS & National Digital Library.
- The only institution permitted by RTU to admit FN/PIO\GULF students.
- Cross Culture global internship and volunteer exchange experiences across the global through collaboration with AIESEC.

## DEPARTMENT OF ELECTRICAL ENGINEERING

The Department of Electrical Engineering (EE) was established in 2000. National Board of Accreditation (NBA) accredited the EE department in 2009. It has an intake capacity of 180 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-Arts facilities in diversified fields. It has a departmental library, which contains more than 250 titles. The department engaged in research in various areas of Electrical Engineering including Power Systems, Energy Studies, Power Electronics, Electrical Drives, High Voltage engineering, Image Processing and Multimedia etc. The vision of the department is to be a model of excellence in Professional Education and Research by creating electrical engineers that are prepared for lifelong engagement in the rapidly changing fields and technologies with the ability to work in team.

## 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. The main goal of Indian Society 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 is very active in conducting technical meetings, symposium, seminars, conferences, workshops and other student activities.

## INDIAN SOCIETY OF LIGHTING ENGINEERS

Indian Society of Lighting Engineers (ISLE) is a professional body in the field of illumination engineering with a broad based membership of scientists, engineers, architects, academicians, researchers and designers. ISLE is affiliated to CIE, the International Commission on illumination.

### ABOUT ICRITETR - 2017

**GOAL:** The primary goal of international conference is to promote research and development activities in the field of engineering and technology.

**SCOPE:** ICRITETR-2017 aims to provide an opportunistic forum and vibrant platform for researcher and industry practitioners to share their original research work and practical development experiences on the specific new challenges and emerging issue of engineering and technologies

### SUBMISSION OF PAPER

The full length papers will be limited to maximum seven 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 at [icritetr2017@poornima.org](mailto:icritetr2017@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 and reviews will be forwarded to the authors. For each accepted paper one of the author must register for paper to be published in proceedings.

### REGISTRATION FEES

Delegate Type	Delegate	Registration (Upto Oct. 25, 2017)	Late Registration (After Oct. 25, 2017)	Members of ISTE / IETE / ISLE
A	Industrial & Other Delegates	₹ 2500/-	₹ 3000/-	₹ 1700/-
B	Faculty Members	₹ 1700/-	₹ 2000/-	₹ 1500/-
C	Research Scholars	₹ 1500/-	₹ 1700/-	₹ 1200/-
D	For Overseas	\$ 100/-	\$ 150/-	\$ 80/-
E	Listener	₹ 800/-	₹ 1000/-	₹ 500/-

Conference Fee includes: Conference kit, Souvenir, Lunch and Tea during conference day.

## 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:**

### THEME-1: Electrical and Electronics Engineering

- ❖ Power System
- ❖ Telecommunications
- ❖ Control Systems
- ❖ Radio-Frequency Engineering
- ❖ Signal Processing
- ❖ Instrumentation
- ❖ Microelectronics
- ❖ Non-Conventional Energy Sources
- ❖ Power Electronics
- ❖ Wireless and microwave

### THEME-2: Computer Engineering & Information Technology

- ❖ Artificial Intelligence
- ❖ Computer Architecture,
- ❖ Graphics and Visualization
- ❖ Computer Performance Analysis
- ❖ Computer Security and Cryptography
- ❖ Software Engineering
- ❖ Cluster analysis
- ❖ Data flow and data analysis
- ❖ Function and process analysis
- ❖ Strategy Analysis

### THEME-3: Mechanical, Industrial & Manufacturing Engg.

- ❖ Mechanical, Industrial and Manufacturing
- ❖ Mechanics, Mechatronics and robotics
- ❖ Thermodynamics and thermo-science
- ❖ Design and drafting, Dynamics
- ❖ Micro electro-mechanical systems
- ❖ Heat Transfer, Fluid Mechanics, Statics
- ❖ Mechanics of Materials, Kinematics
- ❖ Fluid mechanics & Electromagnetism

### THEME-4: Civil and Architecture Engineering

- ❖ Structural
- ❖ Surveying
- ❖ Building Technology and Construction Management (BTCM)
- ❖ Transportation
- ❖ Water resources
- ❖ Geotechnical
- ❖ Earthquake

### THEME-5: Basic and Applied Science

- ❖ Physics
- ❖ Chemistry
- ❖ Mathematics

### CHIEF PATRON

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(Former Director, National Institute of Hydrology, Roorkee)

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**Dr. Om Prakash Sharma**  
Director, Poornima College of Engineering

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**Dr. Sunil Kumar Gupta** Professor EE  
**Dr. Virendra Sangtani** Professor & HOD EE

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**Asif Iqbal** Asst. Professor EE  
**Brijraj Singh Solanki** Asst. Professor EE

## REGISTRATION FORM

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# ICRITETR-2017

DECEMBER 23-24, 2017

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# Mentioned in Registration Fee