



*National Conference on  
Recent Research Trends in Electronics and Communication Engineering  
(RRTECE-2017)  
(Technically co-sponsored by IEEE UP Section)  
Jointly organized by Department of Electronics Engineering, IIT(BHU) &  
Academic Society of Science Engineering & Technology (ASSET)  
(3-5 March 2017)*



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**Welcome to RRTECE-2017:**

The National Conference on Recent Research Trends in Electronics and Communication Engineering (RRTECE-2017) will be held at Electronic Engineering Department, Indian Institute of Technology (IIT) Varanasi, India during 3-5 March 2017. RRTECE-2017 would give an opportunity to gather information and innovative ideas from eminent experts working in the areas related to conference theme. Upcoming researchers will get acquainted with recent updates in the field of Electronics and Communication Engineering. Both academicians and industry people get benefited with state-of-the-art research and future developments in the field. The conference invites contributed papers and eminent speakers in the three main track of Electronics and Communication Engineering namely, VLSI & Embedded Systems, and RF & Microwaves, and Communication Systems. All submitted papers will be peer reviewed. The conference papers/posters in each track will be judged separately for best paper/poster awards. All the accepted and registered papers/posters will be published in conference proceedings. The conference proceedings will be published by conference management system and linked with SCOPUS. An effort will be made to publish extended version of quality presented papers/posters in special issues or edited volumes of peer reviewed SCOPUS indexed International Journals.

Authors are invited to submit original unpublished research work that demonstrates the recent advances in the following areas of interest, but are not limited to:

**VLSI and Embedded Systems**

Advanced MOS Transistors  
Embedded Systems  
Flexible Electronics  
Fault Tolerant Survivable Systems  
Intelligent Instrumentation  
MEMS/NEMS Devices & Technology  
Microelectronics  
Microwave-Photonic Devices  
Microprocessors and Microcontrollers  
Nanoelectronics and Optoelectronics  
Nanoscience and Nanotechnology  
Semiconductor Packaging & Reliability  
Sensors and Actuators  
Thick and Thin Film Technology  
VLSI Design and Technology

**RF & Microwaves**

Active and Passive Microwave Circuits  
Antennas and Antenna Arrays  
Biological and Medical Application  
Ceramic based Microwave Devices & Components  
EBG/PBG/Metamaterials/FSS  
EMI and EMC  
High Power Microwave Tubes  
Inverse Scattering  
Microwave Defence and Aerospace Applications  
Microwave Measurement Techniques  
Microwave Remote Sensing  
Millimeter Wave and THz  
Antennas/Systems  
RF/ Microwave Integrated Circuits  
Wireless Power and RF Energy Harvesting

**Communication Systems**

Grid Computing  
Image Processing  
Internet of Things  
MIMO Systems  
Mobile Communication and Computing  
Optical Communication  
Satellite Communication  
Signal Processing  
Steganography/Cryptography  
Software Defined Radio  
UWB Systems  
Wireless Networks

**Important Dates**

Start of paper submission on Easy Chair **26 Oct, 2016**

Last Date of submission of papers **15 Dec, 2016**

Acceptance notification to authors **15 Jan, 2017**

Registration Start **15 Jan, 2017**

Camera ready version **20 Jan, 2017**

**Paper Submission:** Papers for both oral and poster presentations should comply with the IEEE format and specifications. All submission must be in English only. Authors are requested to submit full paper (Maximum upto 4 pages, double-column A4) as PDF using the IEEE template. The IEEE paper template can be downloaded from:

[http://www.iitbhu.ac.in/RRTECE-2017/submission\\_guide.html](http://www.iitbhu.ac.in/RRTECE-2017/submission_guide.html).

Authors are invited to submit papers in electronic format through [Easy Chair](#). Unregistered authors should first create an account on Easy Chair to log on. All papers that conform to submission guidelines will be peer reviewed and evaluated based on originality, technical and/or research content/depth, correctness, relevance to conference, contributions, and readability.

Submission page on Easy Chair: <https://easychair.org/conferences/?conf=rrtece2017>