



MNNIT ALLAHABAD

Call for Papers

VCAS 2018



International Conference on VLSI, Communication and Signal Processing

November 29 to December 1, 2018

Conference Website: www.mnnit.ac.in/vcas2018/

Organized by: Electronic & Communication Engineering Department MNNIT Allahabad

The Department of Electronics and Communication Engineering, Motilal Nehru National Institute of Technology (MNNIT) ALLAHABAD, proudly announces the hosting of **First International Conference on VLSI, Communication and Signal Processing (VCAS 2018)**. The conference aims to provide a platform for academicians, individuals working in the industry, as well as students to showcase their research innovations and get recognition. VCAS 2018 aspires to bring together research professional fraternity for the discussions and exchange of information on advances in VLSI, Signal Processing and Communications.

TRACKS

VLSI

Analog, Digital & Mixed Signal Design, Testing & Testable Circuit Low- Power Design Packaging & Interconnect 2D material based Devices MEMS & NEMS design and Technology Devices Modeling and Process simulation Thin Film, Ultra High Speed Transistors, HEMT/HBT Reconfigurable Architecture Design Power Devices and Reliability Artificial Intelligence (Process & Device) Internet of Things (Process & Device) Emerging Technology.

COMMUNICATION

Communication Theory and Applications Optical Networks and Systems Microwave Communications Algorithms and Techniques for 5G and beyond Wireless and Ad Hoc Networks IOT and Sensor Networks Antenna Design for Communication Systems and Networks. Vehicular Communications and Networks Wireless Modeling, Algorithms, and Simulation Cognitive Radio and Spectrum Management Adaptive Communication Systems and Networks Intelligent Protocols and Designing for Communication Systems and Networks.

SIGNAL PROCESSING

Signal Processing: Theory, Methods, and Applications Signal Processing Systems and Architectures Signal Processing Algorithms Image, Video, and Multidimensional Signal processing Multimedia Signal Processing Biomedical Signal Processing and Bioinformatics Signal Processing for Communication and Networking Signal Processing for Machine Learning and Compression Signal Processing for Smart systems Sparse Signal Processing.

Registration Fee

Category	Indian Delegates	Foreign Delegates
Student	INR 5,000/-	USD 250
Faculty	INR 8,000/-	USD 400
Industry	INR. 10,000/-	USD 500

IMPORTANT DATES

Submission date	July 15, 2018
Acceptance notification	September 15, 2018
Registration starts	September 16, 2018
Deadline for final paper	November 1, 2018
Conference date	November 29 to December 1, 2018

Paper Submissions: Prospective authors are encouraged to submit research papers containing the original contributions which have not been published or submitted elsewhere. Springer guidelines can be obtained of conference website for manuscript preparation.

Easy Chair link for paper submission: -

<https://easychair.org/conferences/?conf=vcas18>

Advisory Committee

Name	Affiliation
Prof. M. Jagadesh Kr	JNU Delhi
Prof. A. K. Chaturvedi	IIT Roorkee
Prof. N. C. Shivaprakash	IISC Bangalore
Prof. Sagar Naik	University of Waterloo, Canada
Prof. David Harvey	Liverpool John Moores University, U.K.
Prof. S. C. Dutta Roy	IIT Delhi
Prof. S. S. Pathak	IIT Kharagpur
Prof. Asok De	DTU Delhi
Prof. Rajendra Prasad	IIT Roorkee
Prof. Raj Senani	NSIT Delhi
Prof. A. K. Misra	SPMIT Allahabad
Prof. Shekhar Verma	IIIT Allahabad
Prof. Suneeta Agarwal	MNNIT Allahabad
Prof. M. M. Gore	MNNIT Allahabad
Prof. R. S. Yadav	MNNIT Allahabad
Prof. Neeraj Tyagi	MNNIT Allahabad
Prof. Vineeta Agrawal	MNNIT Allahabad
Prof. R. K. Singh	MNNIT Allahabad
Prof. Subhi Purwar	MNNIT Allahabad
Prof. R. K. Tripathi	MNNIT Allahabad
Prof. Sudarshan Tiwari	MNNIT Allahabad
Prof. Rajeev Tripathi	MNNIT Allahabad
Prof. Haranath Kar	MNNIT Allahabad
Prof. V. K. Srivastava	MNNIT Allahabad
Prof. Vijaya Bhadauria	MNNIT Allahabad
Prof. Amit Dhawan	MNNIT Allahabad
Prof. R. K. Nagaria	MNNIT Allahabad
Prof. V. S. Tripathi	MNNIT Allahabad
Prof. R. A. Mishra	MNNIT Allahabad

Organizing Committee

Chief Patron	Director MNNIT Allahabad
Prof. Rajeev Tripathi	
Patron	
Prof. Sudarshan Tiwari	MNNIT Allahabad
General Chair	
Prof. Vijaya Bhadauria,	MNNIT Allahabad
Program Chair	
Prof. Haranath Kar,	MNNIT Allahabad
Program Co-Chair	
Dr. V. Krishna Rao K.	MNNIT Allahabad
Organizing Chair	
Prof. V.K. Srivastava	MNNIT Allahabad
Keynote Chair	
Prof. Amit Dhawan	MNNIT Allahabad
Tutorial Chair	
Prof. R. K. Nagaria,	MNNIT Allahabad
Tutorial Co-Chair	
Dr. P. Karuppanan,	MNNIT Allahabad
Workshop Chair	
Prof. V.S. Tripathi,	MNNIT Allahabad
Workshop Co-Chair	
Er. Rajeev Gupta	MNNIT Allahabad
Public Relation Chair	
Prof. R.A. Mishra,	MNNIT Allahabad
Publication Chair	
Prof. Richa Negi	MNNIT Allahabad
Finance Chair	
Dr. Arvind Kumar	MNNIT Allahabad
Event Management Chair	
Er. Asim Mukherji	MNNIT Allahabad

Publicity Chair

Dr. Basant Kumar	MNNIT Allahabad
Industrial Chair	
Dr. Manish Tiwari,	MNNIT Allahabad
Hospitality Chair	
Dr. Sanjeev Rai	MNNIT Allahabad
Hospitality Co-Chair	
Dr. Shweta Tripathi	MNNIT Allahabad
Registration Chair	
Dr. S.K. Gupta	MNNIT Allahabad
Registration Co-Chair	
Dr. Bhuktare Swapnil Sopanrao	MNNIT Allahabad
Resource Generation Chair	
Dr. Y.K. Prajapati	MNNIT Allahabad
Website Chair	
Dr. Divya Kumar	MNNIT Allahabad
Organizing Secretary	
Dr. Arun Prakash	MNNIT Allahabad

Track Chairs

VLSI	Dr. Sanjeev Rai, MNNIT Allahabad Dr. Santosh Kumar Vishvakarma, IIT Indore
Communication	Dr. Yogendra Kumar Prajapati, MNNIT Allahabad Dr. Rajat Singh, IIIT Allahabad
Signal Processing	Dr. Basant Kumar, MNNIT Allahabad Dr. Rajib Kumar Jha, IIT Patna

Publications:

Select papers from the conference will be published by Springer as a proceedings book volume. Springer will conduct quality checks on the accepted papers and only papers that pass these checks will be published.

CONTACTS INFORMATION

EMAIL: vcas.eced@mnnit.ac.in

PHONE: +91 532 - 227 1451

ADDRESS:

Organizing Secretary, VCAS2018

ECED

MNNIT Allahabad

UP 211004, India

www.mnnit.ac.in/vcas2018/