

# 1<sup>st</sup> EAI International Conference on Future Internet Technologies and Trends

## AUGUST 31–SEPTEMBER 2, 2017

**Venue: Simulation Lab, Electronics Engineering Department, SVNIT, Surat**

### **Day 31/8/2017--- Workshop on IoT – The Internet of Things**

8.30 am to 9.00 am	Registration
9.00 am to 10.30 am	Workshop Session - 1
10.30 am to 10.45 am	Tea break
10.45 am to 1.00 pm	Workshop Session - 2
1.00 pm to 2.00 pm	Lunch break
2.00 pm to 3.45 pm	Workshop Session - 3
3.45 pm to 4.00 pm	Tea Break
4.00 pm to 6.00 pm	Workshop Session - 4

**Note:**

- **Participants have to bring their laptop and a smartphone.**
- **Also bring active Wifi Router (i.e. JIO WiFi router) if possible.**

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## Tentative Schedule

Date: 01-09-2017		Date: 02-09-2017	
Time	Conference Proceedings	Time	Conference Proceedings
8.30 am to 9.30 am	Registration	9.30 am to 10.45 am	Expert Lecture by Dr. Lalit Singh Scientist, NPCIL-BARC, Dept of Atomic Energy, Govt. of India
9.30 am to 10.00 am	Inauguration		
<b>10.00 am to 10.30 am</b>	<b>Hi-tea</b>	<b>10.45 am to 11.00 am</b>	<b>Tea Break</b>
10.30 am to 11.30 am	Key note speech by Prof. Dr Ahcène Bounceur, Associate Professor, Brest University, France	11.00 am to 12.00 pm	Expert Lecture by Mr Mombasawala, General Manager – Applications Electronics Measurement Group Keysight Technologies India Pvt. Ltd
11.30am to 12.30 pm	Key note speech by Dr Haitham Taha, Professor, Department of Electrical and Electronics, University of Bagdad	12.00 pm to 12.30 pm	Expert Lecture by Mr. Ashish Jain, Application Engineer, Keysight Technologies India Pvt. Ltd
<b>12.30 pm to 2.00 pm</b>	<b>Lunch</b>	<b>12.30 pm to 2.00 pm</b>	<b>Lunch</b>
2.00 pm to 3.30 pm	Paper Presentation Session -1 Session chair: Prof. Nehal Shah, HOD, Electronics Engineering Department, SCET, Surat Paper Id: 271112, 271191, 271193, 271499, 271500, 271563, 271595	2.00 pm to 3.30 pm	Paper Presentation Session -3 Session chair: Dr. Manek Sharma, Assistant Professor, Department of Computer Science and Application, DAV University, Jalandhar Paper Id: 271390, 271465, 271467, 271550, 271582, 271624
<b>3.30 pm to 3.45 pm</b>	<b>Tea Break</b>	<b>3.30 pm to 3.45 pm</b>	<b>Tea Break</b>
3.45 pm to 5.15 pm	Paper Presentation Session -2 Session chair: Dr. A.D. Darji Paper Id: 271274, 271543, 271618 271702, 271723, 271464, 271466	3.45 pm to 5.15 pm	Paper Presentation Session -4 Session chair: Dr. P. N. Patel Paper Id: 271340, 271457, 271573 271575, 271650, 271664

*Note: List of Paper ID and corresponding details are on next page.*

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Date: 01-09-2017, Session – 1, Time: 2.00 pm to 3.30 pm, Session chair: Prof. Nehal Shah

Sr. No	Paper ID	Title	Author
1	271112	Investigating Privacy Preserving Technique for Genome Data	Slesha S Sanghvi, Sankita J Patel
2	271191	An Efficient Privacy Preserving System Based on RST Attacks on Color Image	Sheshang D. Degadwala, Dr. Sanjay Gaur
3	271193	HiMod-Pert: Histogram Modification Based Perturbation Approach for Privacy Preserving Data Mining	Alpa Kavin Shah, Ravi Gulati
4	271499	Exhausting Autonomic Techniques for Meticulous Consumption of Resources at an IaaS layer of Cloud Computing.	Vivek Kumar Prasad, Madhuri Bhavsar
5	271500	Efficient Resource Monitoring and Prediction Techniques in an IaaS level of Cloud Computing: Survey	Vivek Kumar Prasad, Madhuri Bhavsar
6	271563	Experimenting with Energy Ecient VM migration in IaaS Cloud: Moving towards Green Cloud	Riddhi Thakkar, Rinni Trivedi, Madhuri Bhavsar
7	271595	Capacity Planning through Monitoring of Context Aware Tasks at IaaS level of Cloud Computing	Vivek Kumar Prasad, Harshil Mehta, Parimal Gajre, Vidhi Sutaria, Madhuri Bhavsar

Date: 01-09-2017, Session – 2, Time: 3.45 pm to 5.15 pm, Session Chair: Dr. A.D. Darji

Sr. No	Paper ID	Title	Author
1	271274	ApEn-Based Epileptic EEG Classification Using Support Vector Machine	Hardika B. Gabani, and Chirag N. Paunwala
2	271543	Comparative Analysis of PSF Estimation Based on Hough Transform and Radon Transform	Mayana shah, and Upena dalal
3	271618	Compressive Sensing Based Image Reconstruction	Abraham Sherin , Pathak Ketki , Patel Jigna
4	271702	A Review on Poly-Phase Coded Waveforms for MIMO Radar with Increased Orthogonality	Pooja Bhamre, Dr. S. Gupta
5	271723	Dimensionality Reduction using PCA and SVD in Big Data: A Comparative Case Study	Sudeep Tanwar, Tilak Ramani and Sudhanshu Tyagi
6	271464	Wavelet based Feature level Fusion Approach for Multi-Biometric Cryptosystem	Patel Heena , Paunwala Chirag and Vora Aarohi
7	271466	Proximity and Community Aware Heterogeneous Human Mobility (P-CAHM) Model for Mobile Social Networks (MSN)	Zunnun Narmawala

**Date: 02-09-2017, Session – 3, Time: 2.00 pm to 3.30 pm, Session Chair: Dr. Manek Sharma**

<b>Sr. No</b>	<b>Paper ID</b>	<b>Title</b>	<b>Author</b>
		Invited Paper by Dr. Manek Sharma	
<b>1</b>	271390	Ensuring Database and Location Transparency in Multiple Heterogeneous Distributed Databases	Shefali Naik
<b>2</b>	271465	Variants of Software Dened Network (SDN) Based Load Balancing In Cloud Computing: A Quick Review.	Jitendra Bhatia, Ruchi Mehta, Madhuri Bhavsar
<b>3</b>	271467	Analysis of Ionospheric Correction Approach for IRNSS/NavIC System Based on IoT Platform	Mr. Mehul V. Desai and Dr.(Mrs.) Shweta N. Shah
<b>4</b>	271550	FFT Averaging Ratio Algorithm for IRNSS	Sreejith R, Mr. Mehul V. Desai, and Dr.(Mrs.) Shweta N. Shah
<b>5</b>	271582	A new approach to Mitigate Jamming Attack in Wireless Adhoc Network using ARC Technique	Prof. Naren Tada, Pinal Rupani, Dr. Tejas Patalia
<b>6</b>	271624	Optimize Spectrum Allocation in Cognitive Radio Network	Nidhi Patel, Ketki Pathak, Rahul Patel

**Date: 02-09-2017, Session – 4, Time: 3.45 pm to 5.15 pm, Session Chair: Dr. P. N.Patel**

<b>Sr. No</b>	<b>Paper ID</b>	<b>Title</b>	<b>Author</b>
<b>1</b>	271340	Activity based Resource Allocation in IoT for Disaster Management	J Sathish Kumar, Mukesh A Zaveri, Meghavi Choksi
<b>2</b>	271457	Performance Analysis of 32×10Gbps WDM system based on hybrid amplifier at different transmission length and dispersion	Dipika Pradhan, Abhilash Mandloi, Sajid Shaikh
<b>3</b>	271573	A Comparative analysis of Ionospheric effects on Indian regional navigation satellite system (IRNSS) signals at low latitude region, Surat, India using GDF and Nakagami-m distribution	Sonal Parmar, Dr. Upena Dalal, and Dr. Kamlesh Pathak
<b>4</b>	271575	Designing of SDR Based Malicious Act: IRNSS Jammer	Ms. Priyanka L.Lineswala, Dr. (Mrs.) Shweta N. Shah
<b>5</b>	271650	Sensitivity Analysis of Phase Matched Turning Point Long Period Fiber Gratings	Monika Gambhir, Shilpi Gupta
<b>6</b>	271664	Performance Analysis of Nakagami and Rayleigh fading for 2 x 2 and 4 x 4 MIMO channel with Spatial Multiplexing	Mitesh S Solanki, Dr. Shilpi Gupta