

# International Conference on Advances in Internet of Things and Connected Technologies (ICIoTCT 2017)

May 26-27, 2017 at Malaviya National Institute of Technology (MNIT), Jaipur, India

## Tentative Schedule

<u>Time</u>	<u>Program</u>	<u>Venue</u>
Day One, May 26, 2017 (Friday)		
08:30-10:00	<b>Registrations Open</b>	Malaviya Sabhagaar (Prabha Bhawan)
10:00-11:15	<b>Inaugural Ceremony</b>	Malaviya Sabhagaar (Prabha Bhawan)
11:15-11:45	<b>High Tea Break</b>	Ground Floor ( Prabha Bhawan)
11:45-13:15	<b>Session #1</b> <b>Track #1: Security and Privacy for Internet of Things(IoT)</b>	Lab-1, Central Computer Center
	<b>Session #2</b> <b>Track #1: Security and Privacy for Internet of Things(IoT)</b>	Lab-2, Central Computer Center
13:15-14:15	<b>Lunch Break</b>	Ground Floor ( Prabha Bhawan)
14:15-15:45	<b>Keynote #1</b> <b>Dr. C. P. Ravikumar (Texas Instruments)</b>	Malaviya Sabhagaar (Prabha Bhawan)
15:45-16:00	<b>Coffee Break</b>	Ground Floor ( Prabha Bhawan)
16:00-17:30	<b>Keynote #2</b> <b>Dr. Nishchal K. Verma (IIT Kanpur)</b>	Malaviya Sabhagaar (Prabha Bhawan)
Day Two, May 27, 2017 (Saturday)		
09:30-11:00	<b>Session #3</b> <b>Track #1: Security and Privacy for Internet of Things(IoT)</b>	Lab-1, Central Computer Center
	<b>Session #4</b> <b>Track #2: IoT Enabling Technologies</b>	Lab-2, Central Computer Center
11:00-11:30	<b>Tea Break</b>	Ground Floor ( Prabha Bhawan)
11:30-13:00	<b>Session #5</b> <b>Track #2: IoT Enabling Technologies</b>	Lab-1, Central Computer Center
	<b>Session #6</b> <b>Track #3: IoT Applications, Services and Real Implementations</b>	Lab-2, Central Computer Center
13:00-14:15	<b>Lunch Break</b>	Ground Floor ( Prabha Bhawan)
14:15-15:45	<b>Session #7</b> <b>Track #4: IoT Multimedia and Societal Impacts</b>	Lab-1, Central Computer Center
	<b>Session #8</b> <b>Track #5: IoT Environmental Results and Deployments</b>	Lab-2, Central Computer Center
16:00-17:00	<b>Valedictory Function (followed by High Tea)</b>	Malaviya Sabhagaar (Prabha Bhawan)

Check the detailed program schedule for further information.

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## Tentative Presentation Schedule

### Track-Wise – Session-Wise List of Papers

S No	Paper ID	Title of the Paper along with the Name of the Author/s
Track #1: Security and Privacy for Internet of Things(IoT) Session #1; Date: 26 <sup>th</sup> May, 2017; Time: 11:45 to 13:45 hrs ; Venue: Lab-1 Central Computer Center, First Floor, Prabha Bhawan <span style="float: right;">Session Chair: Prof. D. Boolchandani</span>		
1	83	Privacy Preserving and Efficient Outsourcing Algorithm to Public Cloud: A Case of Statistical Analysis <i>Malay Kumar and Manu Vardhan</i> <i>NIT Raipur</i>
2	14	Security Apps on Android Platform: An Evaluation <i>Vikas Yadav and Vikas Kr. Sihag</i> <i>Sardar Patel University of Police Security and Criminal Justice(SPUP), Jodhpur</i>
3	53	Network Architecture and security aspects in Internet of Things <i>Jai Bhan Singh and Vikas Tiwari</i> <i>Siddhi Vinayak Engineering College</i>
4	59	A Survey: Intrusion Detection Techniques for Internet of Things <i>Sarika Choudhary and Dr. Nishtha Kesswani</i> <i>Central University of Rajasthan, Ajmer</i>
5	35	A Review on Cryptography <i>Saima Iqbal and Ram Lal Yadav</i> <i>Kautilya Institute of Technology and Engineering, Jaipur</i>
6	64	Rachna II Language of Intel Family <i>Deepika Sainani and Dr. Mukesh Gupta</i> <i>Banasthali University and SKIT, Jaipur</i>
Track #1: Security and Privacy for Internet of Things(IoT) Session #2; Date: 26 <sup>th</sup> May, 2017; Time: 11:45 to 13:45 hrs ; Venue: Lab-2 Central Computer Center, First Floor, Prabha Bhawan <span style="float: right;">Session Chair: Prof. Vineet Sahula</span>		
7	56	An Improvised Framework for Privacy Preservation in IoT <i>Neha Kaliya and Dr. Muzzammil Hussain</i> <i>Central University of Rajasthan, Ajmer</i>
8	46	An Efficient Framework for Network Forensic using Decision Tree and Rule base Ripper Method <i>Bhavesh Ishvarlal Patel, Virendra Barot and Sameer Singh Chauhan</i> <i>Sarvajanic College of Engineering and Technology, Surat</i> <i>Vallabhbbhai Institute of Technology, Vasad</i> <i>Government Engineering College, Modasa</i>
9	61	Efficient Routing Protocol for Location Privacy Preservation in Internet of Things <i>Rajwinder Kaur, Karan Verma, Shelendra Kumar Jain and Nishtha Kesswani</i> <i>Central University of Rajasthan, Ajmer</i>
10	42	Proposed IoT Framework using Third Party with Enhanced Security <i>Effy Raja Naru, Hemraj Saini and Geetanjali Rathee</i> <i>Jaypee University of Information Technology(JUIT), Solan</i>
11	31	Security against Network Layer Attacks for Hierarchical Mesh Environments <i>Geetanjali Rathee and Hemraj Saini</i> <i>Jaypee University of Information Technology(JUIT), Solan</i>



25	29	Big Data handling over Cloud for Internet of Things <i>Tarun Goyal, Rakesh Rathi, Vinesh Jain, Emmanuel S. Pilli and Arka P. Mazumdar</i> <i>Arya Institute of Engineering Technology and Management, Jaipur</i> <i>Government Engineering College, Ajmer</i> <i>MNIT Jaipur</i>
26	25	Entity Resolution and Data Integration on Crowd Source Data <i>Arunima Sharma</i>
27	12	End-to-End Performance Analysis of Dual Phase Relay Protocol over Nakagami-m Fading Channels <i>Ravi Shankar, Yamini Chandrakar, Vikash Sachan and Ritesh Kumar Mishra</i> <i>NIT Patna</i>
28	10	RASMI: Resource Allocation Scheme with Minimal Interference in Two-Hop D2D Communication for 5G Cellular Networks <i>Amitesh Kumar, Sudhakar Pandey and Pavan Kumar Mishra</i> <i>NIT Raipur</i>
Track #3: IoT Applications, Services and Real Implementations Session #6; Date: 27 <sup>th</sup> May, 2017; Time:11:30 to 13:00 hrs ; Venue: Lab-2 Central Computer Center, First Floor, Prabha Bhawan Session Chair: Dr. Mushtaq Ahmed		
29	84	Empirical role of gamification in IoT <i>Nikhil Govil and Saurabh Anand</i> <i>GLA University, Mathura</i>
30	28	Critical review of Internet of Things for Material Management in Construction Project <i>Shreyas Raut</i>
31	80	Effectiveness of Conventional LOTO v/s IOT based LOTO in Industrial Safety. <i>Sameer Kumar</i> <i>University of Petroleum and Engineering Studies, Dehradun</i>
32	70	Tackling Count to Infinity Problem in Trust Propagation in Internet of Things <i>Anamika Satrawala and Arka Prokash Mazumdar</i> <i>MNIT Jaipur</i>
33	15	PowKMeans: A Hybrid Approach for Gray Sheep Users Detection and their Recommendations <i>Honey Jindal, Shalini Agarwal and Neetu Sardana</i> <i>Jaypee Institute of Information Technology, Noida</i>
34	72	Design of Rectenna for Batteryless Sensor using RF Power Harvesting <i>Pravin Thosar</i> <i>Geetanjali Institute of Technical Studies, Udaipur</i>
Track #4: IoT Multimedia and Societal Impacts Session #7; Date: 27 <sup>th</sup> May, 2017; Time:14:15 to 15:45 hrs ; Venue: Lab-1 Central Computer Center, First Floor, Prabha Bhawan Session Chair: Dr. Arka P. Mazumdar		
35	11	Overhead Controlling in Wireless Sensor Network for Coal Mines <i>Sudhakar Pandey, Deepika Agrawal and Abhinav Mukherjee</i> <i>NIT Raipur</i>
36	65	Agile approach for Image data processing using HIPI <i>Reetika Koli and Hema Shekhawat</i> <i>Central University of Rajasthan, Ajmer</i>
37	77	Automated collection of research data using Web Scraping Technique with R-tool <i>Kamal Kant L Bawankule</i> <i>Government Polytechnic, Nagpur</i>
38	44	Cooperative Communication based MAC Protocol for Reliable Data Delivery in Vehicular Ad-hoc Network <i>Anam Kamal, Nishu Gupta, Alkesh Agrawal and Mukul Misra</i> <i>Shri Ramswaroop Memorial University, Lucknow</i>

Track #5: IoT Environmental Results and Deployments

Session #8; Date: 27<sup>th</sup> May, 2017; Time:14:15 to 15:45 hrs ;

Venue: Lab-2 Central Computer Center, First Floor, Prabha Bhawan

Session Chair: Dr. Girdhari Singh

39	19	Development of a Fall Detection Sensor Using a Kinematic Approach <i>Amurut Mathew Koshy, Clifford Jabamani L, Mohit Marhata, Renu G Kamavar and Sara Mohan George</i> <i>M.S.R.I.T, Bangalore</i>
40	43	Architecture for GPS based early warning flood detection system <i>Praveen Gupta</i>
41	34	Mutation Testing-based Evaluation Framework for Evaluating Software Clone Detection Tools <i>Pratiksha Gautam and Hemraj Saini</i> <i>Jaypee University of Information Technology(JUIT), Solan</i>
42	8	Improved Vote Based Energy Efficient Unequal Clustering Algorithm for Wireless Sensor Network <i>Ankur Singhai, Sudhakar Pandey and Deepika Agrawal</i> <i>NIT Raipur</i>
43	30	SLA and Performance Efficient Heuristics for Virtual Machines Placement in Cloud Data Centers <i>Oshin Sharma and Hemraj Saini</i> <i>Jaypee University of Information Technology(JUIT), Solan</i>
44	16	Guiding the User via Feedback-driven Data Exploration <i>Archana Kumari and Vikram Singh</i> <i>NIT Kurukshetra</i>

**Instructions:**

- Most Presentations are scheduled for a maximum time of 15-20 minutes, including Q&A.
- Presentations can only be in electronic Power Point formats/PDF.
- There will be a laptop and an LCD available for all presenters in the conference rooms.
- Presenters are requested to be present in the room at least 10 minutes before the start of their session and introduce themselves to the session chair. Sign the register to show that you have presented your paper.
- Speaker rehearsal room with LCD projector will be available for presenters who wish to rehearse their presentations.