

# 3rd International Conference on Cyber Security (ICCS) 2017

CALL for PAPER



## Conference Venue

Rajasthan Technical University  
Rawatbhata Road, Akelgarh, Kota-324010

## Conference Dates

Aug 12-13, 2017

The ICCS 2017 is a joint effort of



## Deadlines to Remember

Full Paper Submission	April 30, 2017
Acceptance	June 20, 2017
Registration (Early Bird)	July 05, 2017
Final Paper Submission	July 05, 2017
Conference	August 12-13, 2017

The Conference is technically sponsored by:-  
**International Association of Academicians (IAASSE)**  
Connecting Scholars, Scientists and Engineers

## Call for Papers

ICCS 2017 is an opportunity for academicians, students, scholars, scientists and engineers around the world who are involved in the study, management, development and implementation of systems and concepts to combat information warfare or to improve information systems security to come together and exchange ideas. This conference is trying to establish itself as a key event for the understanding of threats and risks to information systems, the development of a strong security culture, and incident investigation.

Please consider submitting to this conference. We are interested in the entire range of concepts from theory to practice, including case studies, works-in-progress, and conceptual explorations. Topics for submissions may include, but are not limited to:

### Cyber security

- Big Data Techniques in Cyber Security
- Forensic Analysis of Cyber Crimes
- Secure Design, Tooling, and Engineering
- Security and Trust of Citizens

### Database security

- Big Data Communication and Analytics
- Data Sharing and Infrastructures
- Quality of Service (QoS)

### Cloud security

- Mobile Cloud
- Cloud and Systems Management
- Cloud Computing and Networking

### Network Security

- Digital Signature Techniques
- Advance Persistent Threat
- Network Protocols
- Next-generation Communication Networks
- Information-Centric Networking
- Data Network Management
- Network Architectures
- Modeling & Simulation of communication networks and Systems
- Network Monitoring and Control
- Traffic Measurement, Analysis, Modeling and Visualization
- Routing and Flow Control in LANs, WANs and PANs
- Sensor Nets and Embedded Systems
- Network applications (web, multimedia streaming, gaming, etc.)
- Social Computing and Networks
- Software-Defined Networking
- Secure Routing, Naming/Addressing, Network Management
- Security & Privacy in Pervasive and Ubiquitous Computing, e.g., RFIDs
- Security & Privacy in Peer-to-Peer and Overlay Networks
- Security & Privacy for Emerging Technologies: VoIP, Social Networks
- Security & Isolation in Cloud, Data Center and Software-Defined Networks

### Secure Key Distribution

- Secret Sharing
- Key Management

- Authentication Systems: Public Key Infrastructures, Key Management, Credential Management
- Secure User Authentication

### Email security

- Spam protection

### Hardware Security

- Cyber Physical System

### Mobile Security

- E-wallet
  - e-wallet security and transaction reversal
  - interoperability issues in e-wallet
  - security of biometric based transactions
- Security in Mobile Networks
- Mobile & Ubiquitous Communication Networks

### IOT security

- Security of IoT Services
- IoT Service Architectures and Platforms
- Real-Time IoT Service Security Analytics and Forensics
- Organizational Privacy and Security Policies
- Governance for IoT Services
- Social Aspects of IoT Security
- Security and Privacy Threats to IoT Services and Users
- Accountability and Trust Management
- Legal Considerations and Regulations
- Case Studies and Applications

### Securing Critical Infrastructure against Cyber Attacks

- Control System Cyber security
- Communications and Network Protocol Security in Control Systems and Instrumentation
- Security of nuclear power plants
- Energy Infrastructure Security
- Transport Infrastructure Security

### Security in Optical Networks

- Optical Network Security
- Convergence of optical and wireless access Networks
- Storage Networks
- Optical Network Virtualization
- IP-WDM integration
- Software-defined optical networks for grid computing

### Security of medical devices

- Advances in Health-care IT security and privacy (including implantable medical devices and nano-sensors)
- Human factors in biomedical security and privacy
- Networked medical device security
- Green cryptography for medical data security
- Smart hospital security and spatial/temporal privacy preservation
- Advances in cyber-physical medical systems security
- Emerging cryptographic computing schemes for biomedical security
- Post-quantum cryptography
- Big data security and privacy-preserving medical data mining
- Novel anonymous sensitive data handling and restricted computing methods for sensitive biomedical data
- Novel deeply-embedded biomedical computing reliability

**Note: Presenters are required to submit their full paper. Abstracts will not be accepted.**

### Publication

Post conference, all accepted papers, will be forwarded for possible publication in any of the following **SCOPUS (Elsevier) or THOMSON REUTERS (eSCI)** indexed journals with H index or impact factors:

- Journal of Cases on Information Technology (JCIT)
- International Journal of Information Security and Privacy (IJISP)
- International Journal of Information Technology and Web Engineering (IJITWE)
- International Journal of Business Data Communications and Network (IJBDCN)
- International Journal of Information and Computer Security(IJICS)

The above mentioned Journal are in the : [UGC approved List of Journals for the purpose of Career Advancement Scheme \(CAS\) and Direct Recruitment of Teachers and other academic staff as required under the UGC](#)

Other referred journals (indexed in IET ,Google Scholar, Index Copernicus):

- [International Journal of Advanced Studies in Computer Science and Engineering \(IJASCE\)](#) ISSN: 2278-7917
- [International Journal of Advanced Studies of Scientific Research \(IJASSR\)](#) ISSN: 2469 4010
- [International Journal of Advanced Studies in Computer Science \(IJASCS\)](#) ISSN: 2379 5166

Selected papers would be invited as contributed papers to ELSEVIER "International Journal of critical Infrastructure Protection (IJICIP)".

For ELSEVIER IJICIPs, only such papers dealing with "Protection of Critical National Infrastructure" like grids ,power plants ,pipe line ports etc will be considered for further processing Article dealing with Cryptography/Network protocol etc. will not be considered for publication

### Note:

1. Authors may choose their preference of journal during Registration.
2. It is mandatory that Papers must meet the aim and scope of the preferred journal.
3. We have also get approval for submission of extended versions of conference papers to "Cyber Threat Intelligence" A SPRINGER BOOK WHICH IS PUBLISHED AS PART OF ADVANCES IN INFORMATION SECURITY SERIES

### Registration

The ICCS 2017 registration fees are as follows, and must be paid in local currency or in USD as per the exchange rate.

Categories	Conference Fee	
	Early Bird (July 05)	Regular (August 10)
Authors from India (Students)	INR 4500	INR 5500
Authors from India (Others)	INR 5500	INR 6500
Authors from other Countries(Student)	USD 150	USD 200

Authors from other Countries(Others)	USD 200	USD 250
Presentation in Absentia (Only for Delegates from outside India opting to present over SKYPE)	USD 250	USD 350
Participants/Attendees/Listeners	INR 3500	INR 4500
Participants/Attendees/Listeners (From RTU or its affiliated colleges) including delegates	INR 2500	INR 3500

### Registration Includes

- Two full days of expert insights from top-tier presenters regarding the Cyber Security
- Complimentary Tea/Coffee and lunch (one per guest, each day)
- Certificate of Participation OR Presentation for registered person only

### Conference Proceedings

Conference proceedings will contain ONLY the abstracts of all the accepted and registered papers. However, post conference all the accepted papers will be forwarded to the editorial board of the journal chosen by the authors for publication in the respective journal as a full paper. The editorial board may decide to review the paper further/ accept it/ reject the paper. Decision of the editorial board shall be a binding. The entire process may take 4-6 months and authors need to be patient. Decision on the paper will be communicated by the editor of the journal directly to the authors.

Efforts are being made to get the proceedings published from a reputed publisher. In case the publisher agrees to publish proceedings, all the accepted and registered articles will be published in the proceedings as full paper. In this scenario, those wanting to get their papers published in the journals will be required to submit an extended version of the paper to the respective journal. The editorial board may decide to review the paper further/ accept it/ reject the paper. Decision of the editorial board shall be a binding. The entire process may take 4-6 months and authors need to be patient. Decision on the paper will be communicated by the editor of the journal directly to the authors.

### Best Paper Award

The best paper will be selected by separate committee and will be the one that reports the most novel and promising research work that has a high potential impact in the real world.

### Instructions for Submission

Papers reporting original and unpublished research results pertaining to the related topics are solicited. **Full paper manuscript must be in English of up to 7 pages as per instructions given below (Pages can be more than 7, by paying extra charges):**

1. Length: The length of the submitted manuscript should fall between 3,500 to 6000 words, 12pt , single-spaced text, left-justified
2. Copy editing and proof reading: Manuscript should be submitted grammatically and stylistically adequate.
3. Manuscript should include a thorough literature review and adequate reference citation (manuscript should include approximately 25-30 references to assert a high level of rigor). All material that is paraphrased or quoted from another source is

substantiated with an in-text reference citation. Manuscripts and references must strictly follow APA (American Psychological Association) style.

4. Submissions should include the title , author (s),affiliation(s),e-mail address(es), abstract and postal address(es) on the first page. The online submission site is [EASY CHAIR \(click here\)](#), or <http://iccs2017.iaasse.org/iccs-submission>

If web submission is not possible, please contact the general chair for alternate arrangements at [iccs@iaasse.org](mailto:iccs@iaasse.org), ICCS2017@rtu.ac.in

Papers will be selected based on their originality, timeliness, significance, relevance, and clarity of presentation. Paper submission implies the intent of at least one of the authors to register and present the paper, if accepted.

### Acceptance

After a Double bind peer review, qualifying Regular Paper may be accepted as either full paper or short paper.

### Presentation

Regular Papers classified as Full Papers are awarded a 15 minutes slot for an oral presentation at the conference. Regular Papers classified as Short Papers are given either a 10 minutes slot for an oral presentation or assigned to present at a Poster Session.

### The City

**Kota** formerly known as *Kota*, is a city located in the southeast of northern Indian state of Rajasthan. Situated on the banks of Chambal River, it is located around 250 kilometers (155 mi) south of the state capital, [Jaipur](#). It serves as the administrative headquarters for Kota district and Kota Division. The city is the major power generation centre of the country and is house to thermal, nuclear, gas based and hydro power stations.

### HOW TO REACH

#### Train

Kota is a major railway junction on the Delhi-Mumbai Trunk Line approximately 435 Km from Delhi. It is well connected to almost all the major cities of India through direct rail links. From Delhi and Mumbai, 7-8 daily trains including three Rajdhani Express are available every day.

#### Road

Kota is well connected through road network. Two major national highways (12 and 76) connect the city to the rest of the country.

#### Climate

July-Sept. is the monsoon season in North India. Accordingly, the temperatures are moderate during the period with high level of humidity.

#### Places to Visit

Bundi, a historical city is approximately 30 Km from Kota. Other places of attraction include Kaithun (famous for weaving of Kota Doria Sarees), the Pink City (250 Km.), City of Lakes, Udaipur (282 Km.). The Ranthambore tiger reserve is approximately 100Kms. However the reserve is closed for tourists during monsoon.

#### Places to Stay

The city has a number of good quality budget hotels. Accommodation in the University Guest House shall be available on PAYMENT of applicable charges on First Come First Served Basis.

#### The University

**Rajasthan Technical University (RTU)** is located in Kota in the state of Rajasthan. It was established in 2006 by the Government

of Rajasthan to enhance technical education in the state of Rajasthan. It is located on the Rawatbhata Road, about 14 kms from Kota Railway Station and 6 kms from Kota Bus Stand.

The University offers almost all the disciplines related to technical education including Bachelor of Technology, Master of Technology, Master of Business Administration, Master of Computer Applications, and Bachelor of Hotel Management and Catering Technology. The University is making steady progress in developing and providing best technical environment for education and will continue to serve the nation in coming years.

#### **Organizers**

##### **Honorary Chairs**

Frank Lin, Associate Dean & Professor, California State University, San Bernardino, USA

N.P. Kaushik, Vice Chancellor & Professor, Rajasthan Technical University, Kota, INDIA

##### **General Chair**

Dr. C P Gupta, Associate Professor, Rajasthan Technical University (RTU), Kota, India

Sh. R.K. Banyal, Associate Professor, Rajasthan Technical University, Kota, India

Mrs. Seema Sharma, Rajasthan Technical University, Kota, India

Sh. Dinesh Soni, Rajasthan Technical University, Kota, India

##### **Publicity and Finance Chair**

Dr. Girish Parmar

Dr. Deepak Bhatia, Rajasthan Technical University, Kota, India

Mr. Manish Chaturvedi

Mr. D.K. Yadav

##### **Program Chair**

Prof. S.C. Jain, Head, CSE (Ex-officio), RTU, Kota

Prof. Sanjeev Mishra, RTU, Kota

Prof. P.K. Sharma, VMOU, Kota

Prof. Reena Dadhich, UoK, Kota

Prof. R. Shringi, RTU, Kota

##### **Contact Us**

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##### **Conference Website**

<http://www.iccs2017.iaasse.org>