

Registration Form

A Short Term Course
On
Recent Trends in Information Security
(RTIS-2019)

March 14-18, 2019

Organized under ISEA Project Phase-II
Department of Computer Science &
Engineering

**Dr BR Ambedkar National Institute of
Technology, Jalandhar Punjab**

Name:-----

Designation:-----

Specialization:-----

Department:-----

Organization:-----

Mailing Address:-----

Mobile No.-----

E-mail:-----

Date:-----

(Signature of Applicant)

I hereby sponsor Dr./Mr./Mrs. -----
-----To participate in the short term course
on, “Recent Trends in Information Security
(RTIS-2019)”

The applicant will attend the course, in case the
admission is offered to him/her.

**(Signature of Sponsoring
Authority With seal)**

ORGANIZING COMMITTEE

Chairman

Prof. Lalit Kumar Awasthi

Director

Dr BR Ambedkar National Institute of
Technology Jalandhar

Coordinators

Dr. A L Sangal

Professor

Department of Computer Science and
Engineering

Dr. Harsh Kumar Verma

Professor

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Short Term Course

On

Recent Trends in Information Security

RTIS-2019

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Department of Computer Science and Engineering

**Dr. B.R. Ambedkar National
Institute of Technology
Jalandhar, Punjab-144011**

<http://www.nitj.ac.in/>

geu.ac.in



About RTIS' 2019

Recent years have witnessed rapid developments of the information communication technology and the next-generation Internet. Due to new technologies from a variety of digital networks to various interconnected digital devices make it possible to realize the ubiquitous network and society. As a result, now a variety of device can be connected together to form a network and can be controlled remotely. But, in such environment, copyright infringement behaviors, such as illicit copying, malicious distribution, unauthorized usage, and free sharing of copyright-protected digital contents, will also become a much more common phenomenon. Researchers, content industry engineers, and administrators attempt to resort to the state-of-the-art technologies and ideas to protect valuable digital contents and services assets against attacks and IP piracy in the emerging ubiquitous network.

Thus, the aim of this course is to help graduate, under-graduate and research scholars to stay abreast of the latest security challenges in recent networks like wireless mobile ad hoc and sensor networks, internet of things, cloud computing environments, etc.

About The Institution

Dr B R Ambedkar National Institute of Technology was established in the year 1987 as Regional Engineering College and was given the status of National Institute of Technology (Deemed University) by the Government of India on October 17, 2002 under the aegis of Ministry of Human Resource Development, New Delhi. Now the Ministry of Human Resource Development, Government of India has declared the Institute as "Institute of National Importance" under the act of Parliament-2007. A large number of reputed Industrial houses in the country visit the Institution and select the final year students as Engineers/ Management Trainees. As one of the National Institutes of Technology (NIT), the Institute has the responsibility of providing high quality education in Engineering, Technology and Sciences to produce competent technical and scientific manpower for the country. The Institute offers BTech, MTech, MSc, MBA and PhD programs in the several disciplines of Engineering, Technology and Sciences.

About The Department

Department of Computer Science & Engineering was established at Dr B R Ambedkar National Institute of Technology Jalandhar in 1990. Department of Computer Science & Engineering has research orientation in various fields of Computer Science such as Computer Networks, Wireless Networks, Wireless Sensor networks, Image Processing, Software Engineering, Natural Language Processing, Machine Learning, Deep Learning, Big Data etc. Department has presently 16 faculty members with PhD degree from reputed Institutions and have approximately 300 publications in last five 5 years out of which 90 papers are SCI indexed. Faculty members and research scholars of the Department are actively involved in research activities and have various publication in journals of international reputation like IEEE Transaction, ACM, Springer, Taylor Francis & Inderscience etc.

Call for Participation

The course will provide an excellent opportunity for participants to understand recent trends in security and to decide possible research and future directions. The participants are requested to submit their applications through proper channel. Participants may be provided lodging and boarding facilities in Dr B R Ambedkar National Institute of Technology Jalandhar Campus subject to the availability.

This course is devoted to discuss security issues such as authentication, confidentiality, data integrity, privacy, access control, nonrepudiation, and availability in wired and wireless networks. Topics of interest include, but are not limited to etc.

- Intrusion detection and tolerance
- Secure Networking protocols
- Applications and evolution of adhoc Networks
- Security Trends in Wireless Ad hoc and Sensor Networks
- Recent Advances in Internet-of-Things: Attacks and Defenses
- Security and privacy in online social networks
- Security and privacy in fog/edge computing
- Machine learning for security and privacy

Resource Persons

Faculty from IITs, NITs, other premier institutions/organizations and faculty of NIT Jalandhar will deliver the lectures.

Contact Us

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