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Eligibility Criteria:

This online FDP on RTDS is primarily designed for faculty members from Science or Engineering background, Technical corporate trainers, Post graduate students and Research scholars

Certificate:

Regular attendance will be recorded during this FDP. Daily post session feedback is compulsory for all participants. There will be one online evaluation on the final day of this FDP. Minimum 80% attendance and 40% cutoff score in final online evaluation will entitle every participant for e-certificate.

Registration Guidelines:

1. Submit duly filled up **Google form** for registration within **25th June, 2021**
2. **Registration fee** for external participants is **Rs. 500/-** which has to be paid in the following account
 - a. **Account number:** 402220100100324
 - b. **Beneficiary:** RCC Institute of Technology
 - c. **Bank Name:** Bank of India
 - d. **Branch:** Beliaghata
 - e. **IFSC Code:** BKID0004022
 - f. **Account Type:** Current
3. **Registration Link:**

<http://bit.ly/rccrtds>

SCAN QR



One Week Online Faculty Development Program

on Recent Trends in Data Security (RTDS)

28th June- 2nd July, 2021

(Daily: 7:00 pm onwards)

Organized by

Department of Information Technology
RCC Institute of Information Technology
*(Unit of an Autonomous Society of Dept of Higher
Education, Govt. of West Bengal)*
Canal South Road, Beliaghata,
Kolkata – 700015, West Bengal, INDIA



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RCC Institute of Information Technology

RCC Institute of Information Technology (RCCIIT) was established in the year 1999 as a collaborative venture of the Ministry of Information Technology, Govt. of India and the Department of Higher Education, Govt. of West Bengal. The institute is running under an Autonomous Society formed by the Department of Higher Education. The institute offers five B.Tech. and three M. Tech. programs along with MCA.

Department of Information Technology

Department of Information Technology is one of the oldest departments of this Institute. The department had been offering B. Tech. (IT) since 1999 with 60 intake. Later on, it was increased to 90 and now the intake is 120. B. Tech. (IT) is accredited by National Board of Accreditation (NBA), New Delhi since 2016. M. Tech. program in IT was introduced in 2012 with 18 intake. Department has a rich legacy of producing scholars, researchers and professionals of highest quality. Alumni of this department are currently working in many reputed multi-national companies and premiere academic institutions across India and abroad.

Mission

To create a global ambience that fosters excellence in teaching-learning, research and development aided by state-of-the art infrastructure, a dedicated pool of faculty and staff members and an inspired group of alumni that would help the department in facilitating the students to excel in IT and ITES.

Vision

To empower students to become global leaders in the IT based sector that would cater the needs of the local and global Community.

About RTDS

Data security is the practice of protecting digital information from unauthorized access, corruption, or theft throughout its entire lifecycle. It's a concept that encompasses every aspect of information security from the physical security of hardware and storage devices to administrative and access controls, as well as the logical security of software applications. It also includes organizational policies and procedures.

When properly implemented, robust data security strategies will protect an organization's information assets against cybercrime, but they also guard against threats from insider and human error, which are among the leading causes of data breaches today. Data security involves deploying tools and technologies that enhance the organization's visibility into where its critical data resides and how it is used. Ideally, these tools should enable protections like encryption, data masking and redaction of sensitive files and should automate reporting to streamline audits and adhering to regulatory requirements.

The primary aim of data security is to protect the data that an organization collects, stores, creates, receives or transmits. Compliance is also a major consideration. It doesn't matter which device, technology or process is used to manage, store or collect data; it must be protected. Data breaches can result in litigation cases and huge fines, not to mention damage to an organization's reputation. The importance of shielding data from security threats is more important today than it has ever been. Also, in this pandemic situation the world is compelled to move for remote work, as a result more and more sensitive information are being distributed over the communication channel. Security of those data is another prime requirement of the time.

RTDS Program Objective

Objective of this online faculty development program (FDP) on Recent Trends in Data Security (RTDS) includes;

1. To review various underlying threats of data communication
2. To understand different available techniques to plug those concerns
3. To discuss drawbacks of existing methods
4. To cognize current research trends
5. To study recent simulation techniques
6. To identify open research problems

RTDS Program Outcome

Upon successful completion of this online FDP a participants will be capable to discuss new trends and existing challenges associated with data security. They will be self-possessed in using diverse simulation tools and will be motivated towards open research problems.

Speakers (tentative):

- **Prof. (Dr.) Atal Chaudhuri**, Professor, Department of Computer Science and Engineering, Jadavpur University
- **Mr. Sandeep Sengupta**, Director, Indian School of Anti Hacking (ISOAH)
- **Prof. (Dr.) Amlan Chakrabarti**, Professor and Director, A. K. Choudhury School of I.T., University of Calcutta
- **Prof. (Dr.) Debashis De**, Professor, Department of Computer Science and Engineering, MAKAUT, W.B.
- **Dr. Sarani Bhattacharya**, Postdoctoral Researcher, imec-COSIC, KU Leuven
- **Dr. Rajdeep Chakraborty**, Assistant Professor, Department of Computer Science and Engineering, Netaji Subhash Engineering College, Kolkata.