

National Institute of Technology Goa
Farmagudi, Ponda-403 401, Goa

Registration Form

Name: _____

Gender: Male/Female

Designation : _____

Qualification: _____

Department: _____

Organization: _____

Contact Address: _____

Contact No. _____

E-mail: _____

Details of Registration Fee: _____

DD No: _____ Date: _____

Bank: _____ Branch: _____

Amount in Rupees: _____

Signature of the Applicant

Signature of Sponsoring Authority (if any): _____

Organizing Committee

Patrons

Prof. G R C Reddy
Director, NIT Goa

Prof. Swapan Bhattacharya
Director, NITK Surathkal

Coordinators

Dr. Purushothama B R
Asst. Professor, Dept. of CSE
National Institute of Technology Goa

Dr. Alwyn Roshan Pais

Asst. Professor, Dept. of CSE
NITK Surathkal

Co-coordinator

Dr. Santhi Thilagam P
Associate Professor, Dept. of CSE.
NITK Surathkal

Resource Persons

- 1) Prof. B. B. Amberker, NIT Warangal
- 2) Prof. C. R. Subramanian, IMSc Chennai
- 3) Dr. Asoke K. Talukder,
InterpretOmics India Pvt. Ltd., Bangalore
- 4) Prof. Kannan Srinathan, IIIT Hyderabad
- 5) Dr. Alwyn Roshan Pais, NITK Surathkal
- 6) Dr. Purushothama B. R., NIT Goa
- 7) Dr. Venkatareshbabu Kuppili, NIT Goa
- 8) Dr. Modi Chirag Navinchandra, NIT Goa

Address for Correspondence

Dr. Purushothama B R,
Asst. Professor
Computer Science and Engineering
National Institute of Technology Goa
Farmagudi, Ponda-403401, Goa.
E-mail: puru@nitgoa.ac.in
Phone: +91-9404882132 (P), +91-832-2404213 (O)

Venue

Department of CSE, NIT Goa.
Refer www.nitgoa.ac.in for how to reach?

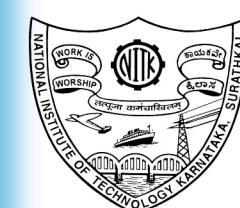
FIVE DAYS National Workshop
On

CRYPTOGRAPHY, APPLICATIONS AND FOUNDATIONS OF DATA SCIENCE

(Partially sponsored by Information Security
Education and Awareness Project Phase II, DietY,
Government of India.)



(26th – 30th October, 2015)



Jointly Organized by

Department of
Computer Science and Engineering

National Institute of Technology Goa
Farmagudi, Ponda, 403401, Goa.
&
National Institute of Technology Karnataka Surathkal
Mangalore - 575 025, Karnataka, India

About NIT Goa

The National Institute of Technology Goa (NIT Goa) is a premier technical Institute of the region. NIT Goa was established in the year 2010 by an act of parliament (NIT act 2007) and it is declared as 'Institute of National Importance'. NIT Goa is an autonomous Institute functioning under the aegis of Ministry of Human Resource Development (MHRD), Govt. of India. The Institute offers Under Graduate and Post Graduate courses in three Engineering Departments: (1) Computer Science and Engineering (2) Electronics and Communication Engineering and (3) Electrical and Electronics Engineering. The Institute also offers Ph.D in all these engineering departments. Along with that the Institute also offers Ph.D programme in Mechanical Engineering, Physics, Chemistry, Mathematics, Economics and English. The Institute admits students into B.Tech program on the basis of ranks obtained in the Joint Entrance Examination JEE (Mains) and the scheme of Direct Admission to Students Abroad (DASA). The institute has been sincerely attempting to deliver quality education and to achieve excellence in teaching, learning and research with high professional ethics. For M.Tech Programme, the Institute admits students through valid GATE score followed by CCMT (Centralized Counselling for M.Tech Admissions).

About NITK Surathkal

National Institute of Technology Karnataka, Surathkal has established itself as one of the top technological institutions in India & is declared as an Institute of National Importance under the NIT Act 2007. Since its inception in 1960 as the Karnataka Regional Engineering College (KREC), the institute is considered as a premier center engaged in imparting quality Technological education and providing support to research and development activities. The institute has a long tradition of research for several decades in both traditional and modern areas of engineering and science.

About Department of CSE (NITG)

Department of Computer Science and Engineering was established along with the stepping stone of the Institute.

The department currently offers Under Graduate, Post Graduate and Ph.D. programs leading to the award of B.Tech, M. Tech and Ph.D. Degrees in Computer Science and Engineering. The department is guided by highly qualified and energetic faculty members with diverse research interests. On research front, the students are exploring innovative ideas in the fertile areas of Data Mining, Information Security, Pattern Analysis, Distributed Systems, Algorithm Design, Artificial Intelligence, Wireless Sensor Networks and many more. In order to match with the fast pacing technologies, various workshops and seminars are being organized by the department throughout the year.

About the Workshop

Information security, in particular cryptography, is an enabling technology that is vital for the development of the information society. Information Security - protecting information in potentially hostile environments is a crucial factor in the growth of information based processes in industry, business, and administration. Cryptography is a key technology for achieving information security in communications, computer systems, electronic commerce, and in the emerging information society. Our country's vulnerability to cyber-crime is escalating as our economy and critical infrastructure become increasingly reliant on interdependent computer networks and the internet.

Cryptography tells how to protect data whereas Data science tells how to derive the knowledge out of the data. Data Science & Big Data Analytics have the potential to transform business in different sectors. Hence, we feel that there is an urgent need for creating awareness among researchers, scientists, faculty and students about Cryptography, application to information security and about data science.

Workshop Objectives:

To explore the fundamentals and latest developments in the area of Information Security and Cryptography, and Data Science.

Workshop covers the following topics.

- Number Theoretic Concepts
- Cryptographic Primitives
- Designing of Secure Protocols
- Quantum Cryptography
- Provable Security
- Randomized Algorithms
- Cyber Security
- Foundations of Data Science
- Recent advances in the above areas.

Targeted Audience

Faculty Members, Research Scholars. Industry/ Research organization professionals, Post Graduate/Undergraduate Students, People from all walks interested to learn cryptography, applications and data science concepts.

Registration Fee

Rs 5000 : For Faculty members.

Rs. 6000 : Industry /Research Organizations

Rs. 3000 : For fulltime research scholars.

Rs. 2500 : Post Graduates.

Rs. 1500 : Undergraduates.

Registration Fee includes

- 1) Kit
- 2) Certificate of participation
- 3) Lunch and Tea

Instructions

1. The number of seats is limited to 50.
2. Registration will be on First Come First Serve basis.
3. No accommodation will be provided by the Organizers. However, there are nearby hotels for economy prices.
4. DD should be drawn in favor of "Director NIT Goa" payable at Goa.
5. The deadline for receiving the duly filled in registration form is 24 October, 2015.
6. The participants may send an advance copy (scanned) of the filled in registration form along with the DD to puru@nitgoa.ac.in to confirm the registration.