

PROGRAMME OBJECTIVE

The Department of Computer Engineering, S. V. National Institute of Technology is organizing TEQIP-III sponsored one-week Short Term Training Programme (STTP) on “**Data Security and Privacy (DSP 2020)**” during 26-30 October, 2020. The development of smart cities encounters many potential challenges. One of the most prominent one is security and privacy. The term “security” now not only applies to the security of “information”, but it applies to the security of humans (e.g., to protect from malicious behaviour of smart healthcare), cyber physical systems, networks, etc. from adversaries. The programme is aimed to assist participants from academia and industry as well as PG/PhD students about emerging research topics in the area of security and privacy, covering topics from modern cryptography, information security, network security, privacy/anonymity, and applications in the areas such as Machine Learning, Internet of Things (IoT), Big Data, and Blockchain Technology. The STTP also includes hands on sessions on topics related to data security and privacy.

The indicative pools of topics to be covered are as follows but are not limited to:

- Introduction to various cryptosystems
- Security and privacy in online social networks
- Privacy in Location-based services
- Big data privacy, Anonymization Algorithms
- IoT security protocols
- Searchable Encryption
- Security & Privacy in Context-Aware Computing
- Access Control Models, Key Derivation Functions (KDF), White-box Cryptography
- Network Security
- Security and Privacy of Blockchain
- Machine learning algorithms for security and privacy

SPEAKERS

Eminent speakers are from various prestigious institutions such as IIT, NIT, research organizations, industries as well as faculties from host institutions.

PROFORMA FOR REGISTRATION FORM

Name (In Block Letters): _____

Gender: _____

Designation: _____

Institutional Address: _____

Highest Qualification: _____

Teaching Experience: _____

Area of Specialization: _____

Research Interests: _____

Address for Correspondence: _____

Tele/Fax & Mobile No. _____

Email: _____

Online Payment Receipt No: _____

Amount: _____ dated: _____

Date: _____ **Signature of Applicant**

The candidate Mr/Mrs/Dr/Prof _____ is hereby officially permitted by this institute to attend the ONLINE STTP titled “**Data Security and Privacy (DSP 2020)**” during the period October 26 –30, 2020 at SVNIT Surat.

DIRECTOR/PRINCIPAL

SEAL

TEQIP-III Sponsored One Week **ONLINE** Short Term Training Programme (STTP)

On
**Data Security and Privacy
(DSP 2020)**

26th to 30th October, 2020

Course Coordinators

Dr. Udai Pratap Rao (SVNIT Surat)
Prof. Rakesh Kumar (MMMUT Gorakhpur)
Dr. Balu L. Parne (SVNIT Surat)
Dr. Keyur J. Parmar (SVNIT surat)



Jointly Organized By

Computer Engineering Department
Sardar Vallabhbhai National Institute of
Technology (SVNIT)
Ichhanath, Surat-395007, Gujarat, India.

&
Madan Mohan Malaviya University of
Technology (MMMUT), Gorakhpur-
273010, Uttar Pradesh, India.

Ph. +91 261 2201592, 2201768

Email: dsp2020@coed.svnit.ac.in

ABOUT THE INSTITUTE AND SURAT CITY

The institute, one of the pioneering engineering institutions of the country, was established in 1961 as Sardar Vallabhbhai Regional College of Engineering & Technology and was given a status of National Institute of Technology, in 2002. At present, there are six undergraduate courses, seventeen postgraduate courses and Ph.D. programmes in all disciplines of engineering and applied sciences. It has an excellent placement record with a number of top ranking companies visiting the campus. The whole campus has connectivity of the internet with fiber optic network including faculty quarters and student hostels.

The institute is located at Surat, about 260 kms North of Mumbai and is very well connected by rail and road links to Mumbai as well as Ahmedabad (250 kms) / Vadodara (150 kms). The institute is approximately 10 kms away from Surat Railway Station and 10 kms from the Surat Airport (STV). Surat is the industrial city with historical importance and is well known for Textile, Jari and Diamond industries. The leading industries like RIL, ONGC, Kribhco, L&T, ESSAR, NTPC, and GAIL are established in Surat- Hazira area.

ABOUT THE DEPARTMENT

The department is running UG programme B.Tech. Computer Engineering since 1989 and PG programme M.Tech. Computer Engineering since 2006. Department is also offering Ph.D. programme since 2005. The department has well qualified and dedicated faculty members with the specialization in niche areas like Information Security, Cloud Computing, Block chain Technology, Machine Learning & Artificial Intelligence, Image Processing, Data Mining, Wireless Sensor Network, Internet of Things, Computer vision etc.

Patron
Prof. S. R. Gandhi
Director, SVNIT, Surat

Convenor
Prof. Mukesh A. Zaveri, (HoD), CoED,
SVNIT, Surat
Prof. Devesh C. Jinwala, CoED, SVNIT,
Surat

Course Coordinators
Dr. Udai Pratap Rao (SVNIT Surat)
Prof. Rakesh Kumar (MMMUT Gorakhpur)
Dr. Balu L. Parne (SVNIT Surat)
Dr. Keyur J. Parmar (SVNIT surat)

Local Technical Committee

Mr. Rakesh P. Gohil
Dr. Rupa G. Mehta
Dr. Krupa N. Jariwala
Dr. Dipti P. Rana
Dr. Sankita J. Patel
Dr. Bhavesh N. Gohil
Mr. Dilay Parmar
Mr. Ankur Bang
Mr. Akhil Chaurasiya
Mr. Jignesh Joshi
Mr. Jagdish Vanara

OFFICIAL ADDRESS FOR CORRESPONDENCE:

The Coordinator,
“TEQIP-III Sponsored STTP on Data Security
and Privacy (DSP 2020)”
Computer Engineering Department,
S.V. National Institute of Technology,
Ichchhanath, Surat – 395 007, Gujarat,
India.
Ph. +91 261 2201592, 2201768
Email: dsp2020@coed.svnit.ac.in

ELIGIBILITY

Faculty Members from AICTE recognized institutes, universities, research scholars/ UG, PG students and industry personnel working in the concerned/allied discipline. Seats are limited to 35-40 participants. So, selection will be as per the eligibility, and on First come First Serve basis. E-certificate will be awarded to the participant who attend all the sessions and successfully complete the course. Looking to the academic activities across the various institute, the STTP Online sessions will be arranging in afternoon.

IMPORTANT DATES

Last date for Registration: 19th Oct, 2020
List of Eligible Candidates: 20th Oct 2020
(through email and on institute web site)

REGISTRATION FEES

Participants Category	Registration Fee
Academicians / Scientist / Researchers	600/-
Students: UG/PG/Ph.D	300/-
Industry Person/Engineers	5000/-

REGISTRATION INFORMATION

After paying the registration fee, participants are requested to complete online registration process by entering the details and uploading necessary documents at below link.

<http://bit.ly/dspoct2020>

The non-refundable registration fee should be paid online through net banking to “Director SVNIT TEQIP IRG” A/C No: 0277101028663, Canara Bank, Nanpura Branch Surat, IFSC: CNRB0000277. While paying through the net-banking, in remarks the purpose is to be written as “DSP 2020 Registration Fee”. (kindly save the receipt or take screenshot of the payment). UG/PG/Research scholars have to attach bonafide certificate or photocopy of their valid identity card along with registration form.