

## 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 “**Big Data and IoT: Data Analytics, Security & Privacy (BIGIOT 2018)**” during 2 July – 6 July, 2018. This training programme is aimed to discuss the opportunities and challenges of big data and internet of things its related issues. The programme is aimed to assist faculty members, professionals, and researchers to understand about emerging big data analytics techniques and internet of things along with its related issues with privacy and security, covering topics from big data analytics platforms, NoSQL databases, big data privacy, internet of things simulator and hands on sessions on big data analytic platform (Hadoop) and Cooja. The indicative pool of topics to be covered is as follows but are not limited to:

- Introduction to big data
- Machine learning techniques for big data analytics
- Internet of Things basic concepts
- Appropriate and efficient analytical methods to leverage massive volumes of heterogeneous data in unstructured text, audio, and video formats.
- Big data analytics platforms such as, Hadoop, Spark, Pig, Hive, Cooja etc. (Hands on session)
- Security and privacy issues in big data analytics and Internet of Things
- Current research issues

## SPEAKERS

Eminent speakers from various prestigious Institutions, research organizations, industries as well as Faculties from Host Institution.

## PROFORMA FOR REGISTRATION FORM

Name: (In Block Letters) \_\_\_\_\_

Gender: \_\_\_\_\_

Hostel Accommodation required?: Yes/No

Designation: \_\_\_\_\_

Institutional Address: \_\_\_\_\_

Highest Qualification: \_\_\_\_\_

Teaching Experience: \_\_\_\_\_

Area of Specialization: \_\_\_\_\_

Research Interests: \_\_\_\_\_

Address for Correspondence: \_\_\_\_\_

Tele/Fax & Mobile No. \_\_\_\_\_

Email: \_\_\_\_\_

Demand Draft No: \_\_\_\_\_ drawn on

\_\_\_\_\_ dated \_\_\_\_\_

Payable at Surat

**Date:** \_\_\_\_\_ **Signature of Applicant**

The candidate

Mr/Mrs/Dr/Prof \_\_\_\_\_

is hereby officially permitted by this institute to attend the STTP titled “**Big Data and IoT: Data Analytics, Security & Privacy (BIGIOT 2018)**” during the period 2 July – 6 July, 2018 at SVNIT Surat.

DIRECTOR/PRINCIPAL

SEAL

## TEQIP-III sponsored Five-days Short Term Training Programme (STTP)

On

## Big Data and IoT: Data Analytics, Security & Privacy (BIGIOT2018)

2 July – 6 July, 2018

Coordinators

**Dr. Udai Pratap Rao**  
**Dr. Mukesh A. Zaveri**



Organized By

**Computer Engineering Department**  
**SardarVallabhbhai National Institute**  
**of Technology (SVNIT)**  
**Ichhanath, Surat-395007, Gujarat, India**

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## 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, operating systems, image processing, Data Mining, wireless sensor network, computer vision etc.

### Patron

**Prof. S. R. Gandhi**  
**Director, SVNIT**

### Coordinators

**Dr. Udai Pratap Rao**  
**Dr. Mukesh A. Zaveri**

### Department Head

**Prof. Rupa G. Mehta**

### Local Technical Committee

**Prof. Devesh C. Jinwala**

**Mr. R. P. Gohil**

**Dr. Dipti P. Rana**

**Dr. Sankita Patel**

**Mr. Dilay Parmar**

**Mr. Saurabh Pandey**

**Mr. J. Sathishkumar**

**Mr. Himanshu Patel**

**Mr. Shivanshu Mehta**

**Mr. Bharat Tidke**

**Mr. Jenish Dhanani**

**Mr. Jagdish Vanara**

### OFFICIAL ADDRESS FOR CORRESPONDENCE

The Coordinator,  
"TEQIP-III Sponsored STTP on Big Data and IoT:  
Data Analytics, Security & Privacy (BIGIOT 2018)"  
Computer Engineering Department,  
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## ELIGIBILITY

Faculty Members from AICTE recognized institutes, universities, research scholars and industry personnel working in the concerned/allied discipline.

## IMPORTANT DATES

Last date for Registration: 20<sup>th</sup> June, 2018  
List of Eligible Candidates: 22<sup>th</sup> June 2018 (through email and on institute web site)

## REGISTRATION FEES

- Rs 1000/- per participant for faculty from academic institutions in India.
- Rs 500/- per participant for research scholars. (limited number of seats)
- Rs.1500/- per participant for Research Institutes and Industries personnel.

Here is the link for online registration:  
<http://bit.ly/sttp2018>

After online registration, it is **necessary** to send the Registration Form and DD (payable at Surat) drawn in the favour of "**Director, SVNIT- TEQIP IRG**", to the official address for correspondence on or before 20<sup>th</sup> June, 2018.

## ACCOMODATION/TRAVEL

Efforts would be made to ensure that each participant is provided Hostel accommodation subject to the availability on a chargeable basis (i.e. **approx.** Rs. 300 for AC and Rs. 200 for non AC per person per day on twin sharing basis) at the SVNIT Hostel (Narmad Bhavan).

The participants have to bear their own travelling expenses.

A course-kit as well as tea/coffee and working lunch will be served during the period of the STTP.