

GENERAL INFORMATION

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 seven undergraduate courses, fourteen postgraduate courses and Ph.D. programs 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 of Computer Engineering came into existence in the year 1989 under Electronics Engineering Department. The full-fledged Computer Engineering Department was setup with a separate building in the year 2002. The department is running UG program in Computer Engineering since 1989. The PG programs, M.Tech.(Regular) and M.Tech.(Research) have been run by the department since 2006 and 2007, respectively. Department is also offering Ph.D. programme since 2005. The department has qualified and dedicated faculty members with the specialization in various areas like information security, operating systems, image processing, wireless network, computer vision etc.

PATRON
Prof. S. R. Gandhi
Director, SVNIT

COORDINATOR
Dr. Mukesh A. Zaveri

DEPARTMENT HEAD
Dr. Mukesh A. Zaveri

LOCAL TECHNICAL COMMITTEE
Mr. Rakesh P. Gohil
Dr. Rupa Mehta
Dr. Krupa Jariwala
Dr. Dipti Rana
Dr. Uday P. Rao
Dr. Sankita Patel
Mr. Saurabh Pandey
Mr. J. Sathish kumar
Mr. Himanshu Patel
Ms. Choksi Meghavi

OFFICIAL ADDRESS FOR CORRESPONDENCE

The Coordinator,
"STTP on Collaborative data processing and Resource optimization in IoT (CRIoT 2019) under MeitY Research Project"
Computer Engineering Department,
S. V. National Institute of Technology,
Ichchhanath,
Surat – 395 007, (GUJARAT), INDIA

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ELIGIBILITY

Faculty Members from AICTE recognized institutes. Due to limited number of seats the selection of candidates will be on first come basis.

IMPORTANT DATES

Last date for Registration: 23 May 2019

List of Eligible Candidates: 25 May 2019

on Institute Website <http://www.svnit.ac.in>

Registration Fees

- Rs. 2000/- registration fee for the faculty members from the AICTE recognized academic institutes.

Please send the Registration Form and DD (payable at Surat) drawn in the favor of "**Research & Consulting A/C SVNIT (CRIoT 2019)**", to the official address for correspondence.

ACCOMODATION/TRAVEL

Efforts would be made to ensure that each participant is provided Hostel accommodation subject to the availability on a chargeable basis at the SVNIT Hostels.

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

Number of Participants: 30

**S. V. National Institute of Technology,
Surat**

Announces

**One Week Short Term Training
Programme (STTP)
on
Collaborative data processing
and Resource optimization in
IoT (CRIoT 2019)**

**Under the
Ministry of Electronics and
Information Technology (MeitY),
Govt. of India, New Delhi
10– 14 June 2019**

**Coordinator
Dr. Mukesh A. Zaveri
Professor
Computer Engineering Department,
SVNIT, Surat**

Organized By



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PROGRAMME OBJECTIVE

The department of Computer Engineering, S. V. National Institute of Technology is organizing a One Week (Five Days) Short Term Training Programme (STTP) on Collaborative data processing and Resource optimization in IoT (CRIoT 2019) under MeitY Research Project, Government of India, New Delhi, during June 10–14, 2019.

The STTP is organized as part of training the man power under on-going research project on “Collaborative Data Processing and Resource Optimization for Post Disaster Management and Surveillance using Internet of Things” sponsored by Ministry of Electronics and Information Technology (MeitY), Govt. of India, New Delhi.

The participants will be able to acquire the knowledge about fundamentals of Internet of Things, IoT protocols, IoT architecture, IoT Application in Disaster Management & Surveillance, Collaborative Data Processing Localization and Routing during post disaster, Resource optimization during post disaster and different Simulation platforms, namely, Contiki OS, Tiny OS, Cooja Simulator, Drone Simulator, etc. Dronekit-Phyton programming. The hands on session will be performed using above tools through set of simulations and emulation using wireless motes, LoRA, and UAV flight control - navigation. The knowledge of fundamentals and advanced topics will help faculty members in formulating problem statement for their research problems. The aim is to train the faulty members and create awareness for utilizing Internet of Things in Disaster Management and Surveillance activities.

PROFORMA for REGISTRATION FORM

Name: (In Block Letters) _____

Gender: _____

Designation: _____

Institutional Address: _____

Qualifications: _____

Teaching Experience: _____

Area of Specialization: _____

Research Interests: _____

Address for Correspondence: _____

Tele/Fax & Mobile No. _____

Email: _____

Accommodation required (on payment basis):
YES / NO

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 STTP titled Collaborative data processing and Resource optimization in IoT (CRIoT 2019) under MeitY Research Project, Govt. of India, New Delhi during the period June 10-14, 2019 at SVNIT, Surat

DIRECTOR/PRINCIPAL

SEAL