REGISTRATION FORM

One Week STTP on

December 3– December 7

LAST DATE FOR REGISTRATION

November 22, 2019

Registration link: **https://forms.gle/eNwiUkjgxZ2PbfDi8**

Name : _____

Designation :

_____

Department : _____

Highest qualification : _____

Institutional address : _____

_____

E– mail :

_____

Mobile No. : _____

Accommodation required : YES / NO

Payment details

Bank :   DD No:

Amount: Date:

I shall attend the training programme for the entire duration. I also undertake the responsibility to inform the coordinator sufficiently in advance, in case I am unable to attend the training programme.

Signature of the Applicant

The main objective of the training course is to give the basic concepts, hands on practice and confidence to build or develop applications of GNSS

Coordinator:

Dr Mrs. Shweta Shah,

Communication Research Lab Electronics Engineering Department S V National Institute of Technology, Surat, Gujarat, India

For Schedule and other Details please contact

Ph.D. Scholars:
1. Virendra
Mo.9601436962
Pg. Research Student:
2. Nitigna Chaudhari
Mo.9428869496

Email: agnss.svnit@gmail.com

SVNIT and MMMUT

Jointly Organising

TEQIP—III Sponsored

One Week Short Term Training

Program on

"ADVANCED GNSS"

3-7 DECEMBER 2019

Organized by
Dr Mrs. Shweta Shah
Electronics Engineering Department
S V National Institute of Technology,
Surat, Gujarat - 395007

ABOUT THE INSTITUTE

The institute was initially established as Sardar Vallabhbhai Regional College of Engineering & Technology in 1961 and was upgraded as a National Institute of Technology with the status of 'Deemed to be University' in 2002 and SVNIT at present is one of the prestigious Engineering institutions of the country, and has contributed many outstanding engineers in India and abroad.

It is running seven undergraduate and seventeen postgraduate programme and Ph.D. programme in all disciplines of Engineering and applied sciences. Special attention is given to interdisciplinary research. Institute receives large no. of research project grants from MHRD, AICTE, DRDO, DST, DIT and other funding agencies.

Established in 1982 and accredited in 2007 by NBA.

ABOUT THE DEPARTMENT

The Electronics Engineering Department is processing at a rapid pace with the development in terms of infrastructure facilities, upgraded syllabi and learned faculty. Besides offering B.Tech. (Electronics) the department also offers M.Tech. (Communication system), M.Tech. (VLSI) and PhD.

ABOUT THE PROGRAMME

GNSS has become a ubiquitous technology, including the sectors related to surveying, defense, unmanned vehicles, agriculture, Timing & synchronization, aviation, road, rail and sea transport. The main objective of the training is to give the basic concepts and advances in the development of GNSS with emphasis on IRNSS. This training will cover the topics: Operational Principal, system architecture and signal structure of various constellations like GPS GLONASS, Galileo, Compass NavIC and QZSS; Errors in GPS or GNSS; DGSPS, augmentation systems, Applications of GNSS. Specifications of a GNSS receiver, and integration of GNSS receiver or a GNSS chip with other applications. The topics to be covered in the school along with hands on practice are: Basics and advances in GNSS signal processing and communication, Signal structure of GNSS systems, Overview of GNSS receiver, Antennas and front ends, Signal Acquisition, Carrier and Code Tracking, Data Processing, Navigation Solution, Kalman Filtering and assisted GPS, GNSS.

RESOURCE PERSONS

The resource persons for the program shall include faculty from ISRO and GNSS experts from other prestigious institutes.

ELIGIBILITY FOR PARTICIPATION

Students/Faculty Members from academic institutes, universities, research scholars and industry personnel working in the concerned /allied discipline. The participants have to bring their own laptop for participation.

REGISTRATION DETAILS

- Students / Research Scholar: Rs. 1000
- Faculty / academician: Rs. 1500
- Industry Person: Rs. 3000

Link for online registration:

https://forms.gle/eNwiUkjgxZ2PbfDi8

Seats are limited to 40. After filling online registration, it is necessary to send the Registration Form and the refundable DD (payable at Surat) drawn in the favour of "**The Director SVNIT, TEQIP IRG**", to the official address for correspondence on or before 15th June, 2019. Registration fee includes registration kit, course material and working lunch. Accommodation in institute hostels shall be provided to participants upon prior request on payment basis. The participants have to bear their own travelling expenses. Research scholars have to attach Bonafide certificate or photocopy of their valid identity card along with registration form.