

ABOUT THE INSTITUTE

Dr. S. & S. S. Gandhi Government Engineering College, Surat is one of the eight new Government Engineering Colleges established in July, 2004 to educate young talent in the field of Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics and Communication Engineering and Environmental Engineering. The institute offers an outstanding learning environment. Faculties are dedicated to provide the student's global technical capabilities is required for success. The learning experience is catalyzed by the most recent developments in the field and delivered by experienced research oriented teachers and experts from the field.

ABOUT THE DEPARTMENT

Civil Engineering is a very vast and continuously emerging branch. The department has highly qualified faculty members with well-equipped laboratories of Fluid Mechanics, Transportation Engineering, Surveying, Environmental Engineering and Engineering Geology. The graduates from the Institute equipped with knowledge and sound technical information, refined professional touch, are capable of undertaking the Civil Engineering jobs to meet the challenges of the 21st Century. Department also offers post graduate course in Water Resource Engineering programme.

COURSE OBJECTIVES

As you are aware GIS technology is becoming very popular now days among students/researchers/scientists/nature lovers for earth science and its applications. Education in Basics of Geospatial Technology and Remote Sensing for the people who loves to use technology for earth conservation is very crucial and still not that much spread among common people. For this objective, an awareness cum workshop/training programme can be conducted in collaboration with your organization for targeted participants, so that

the technology can help them in a way to solve their queries in this vast field of forest research and related fields. This will be the unique kind where in different group of participants would be present their selves on a common platform for basic training program of GIS and Remote Sensing with its applications.

COURSE STRUCTURE

The content may be used for the teaching – learning process. Technical experts from renowned Institutions/Organizations as well as field expert would be delivering talks in the sessions for technical discussions, case studies and hands on sessions.

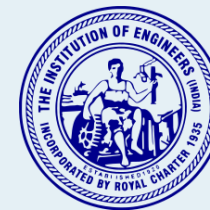
TOPICS TO BE COVERED

The course will enable the participants upgrade their knowledge on various key aspects of Hydraulics and Hydrological modelling.

- 1) Basics functions and working of GPS
- 2) GPS—Hands on/Import-Export of field data
- 3) Introduction to QGIS software
- 4) Open source software of GIS and its functions.
- 5) Visual Image Interpretation
- 6) Geo-rectification and satellite data platform
- 7) Proximity Tools
- 8) Interpolation methods
- 9) Digital Elevation Model Creation (2D/3D)
- 10) Hands on Session—Both Days

WHO CAN ATTEND?

This workshop is open to all academicians, research scholars, and person from Industry. As the workshop is Interdisciplinary, persons with Civil, Environmental and Applied Sciences background can attend the programme. Research scholars working in the above area are also encouraged to apply. This course will provide application of soft computing techniques as well as hydrologic and hydraulic flood modeling in the arena of Civil Engineering.



**Institution of Engineers (IEI), India
Approved**

**Two—Days National Workshop
On**

**“QGIS FOR HYDROLOGICAL APPLICATIONS (QHA -
2020)”**

(6th – 7th March, 2020)



Co-ordinators

Prof. Darshan J. Mehta

Prof. Parth G. Tandel

Sponsored By:



Department of Science & Technology
Government of Gujarat

Gujarat Council on Science & Technology,
Govt. of Gujarat

Organized By:-

Department of Civil Engineering

**Dr. S. & S. S. Gandhi Government Engineering College,
Surat.**

REGISTRATION FEE

The registration fees for participants are as follow:

Participants	Amount
UG/ PG Students, Research Scholars	500
Faculty Members from Academic Institutes	1000
Professionals	1500

The registration fee includes programme kit, snacks, tea, lunch and certificate. Payment is to be made by Cash or DD/Cheque drawn in favour of Principal, Dr. S. & S. S. Ghandhy Government Engineering College, Surat.

RESOURCE PERSON

Mr. Abhinav Mehta, **Founder—Director, TGIS, Ahmedabad**

IMPORTANT INSTRUCTIONS

- Last date for registration [Complete registration form should reach Institute along with DD/Cheque or Cash]: **25/02/2020**.
- Display list of selected participants: **02/03/2020**
- All the registered candidates will be given the participation certificate.
- Participants should bring **Laptop** and **mouse** for both days.
- The number of participants is limited to **35 seats** based on first come first serve.

VENUE

Room No. C-101, Seminar Hall, Civil Engineering Department, Dr. S. & S. S. Ghandhy Engineering College, Surat

PATRON

Dr. Sanjay R. Joshi
(Principal, DGGECC, Surat)

CONVENER

Prof. Babulal M. Vadher
(Professor & Head, Civil Engg. Dept., DGGECC, Surat)

CO-ORDINATORS

Prof. Darshan J. Mehta
(Assistant Professor, Civil Engg. Dept., DGGECC, Surat)
Prof. Parth G. Tandel
(Assistant Professor, Civil Engg. Dept., DGGECC, Surat)

COMMITTEE MEMBERS

Dr. Sahita I. Waikhom
Dr. Sanjay S. Singh
Prof. Vipinkumar G. Yadav
Prof. Nevil J. Shakwala
Prof. Nirav D. Parmar
Prof. Mayuri J. Patel
Prof. Dixit N. Patel
Prof. Tanuj P. Parmar

ADDRESS FOR COMMUNICATION

The Registration form may be sent to:

Prof. Darshan J. Mehta/Prof. Parth G. Tandel
Civil Engineering Department,
Dr. S. & S. S. Ghandhy Government Engineering College,
Surat – 395001
Mob: - +91 9428959910 / +91 9664994877
Email: darshanmehta2490@gmail.com,
pgtgecc@gmail.com

Important Dates

Last date for receipt of application
25.02.2020

REGISTRATION FORM

Two Days National Workshop
On

“QGIS for Hydrological Applications”
(QHA – 2020)

6th – 7th March, 2020

1. **Full Name:**
2. **Qualification:**
3. **Designation:**
4. **Experience:**
5. **Department and Institution/Industry with Address:**

6. Contact Details:

- i. **Mobile Number:**
- ii. **Email Id:**

7. **DD Details: (In favor of “Principal, Dr. S. & S. S. Ghandhy Government Engineering College, Surat”)**
Bank:

DD No.

Amount:

Date:

Sign:

8. **Gender: Male/Female**

Certificate

This is to certify that _____
_____ is a student/employee of our
institute and is permitted to attend Two Days National
Workshop on QHA – 2020 to be held at DGGECC, Surat
during 6th – 7th March, 2020.

Signature of authority with official seal