

**One Week STTP on  
“Remote Sensing & Geographic  
Information System”  
(RSGIS - 2020)**

**(29<sup>th</sup> Jan to 02<sup>nd</sup> Feb 2020)**

**Sponsored by**  
Technical Education Quality Improvement  
Programme (TEQIP- Phase III)

**REGISTRATION FORM**

Name: \_\_\_\_\_

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

Dept.: \_\_\_\_\_ Qualification: \_\_\_\_\_

Institute Name & Address: \_\_\_\_\_

Mobile No: \_\_\_\_\_

E-mail ID: \_\_\_\_\_

Accommodation Required:  Yes  No

Online Transaction Number: \_\_\_\_\_

Amount of Registration Fee: \_\_\_\_\_

Date of Registration: \_\_\_\_\_

(Scanned copy of registration form & payment receipt  
generated to be upload/emailed to the coordinator)

**While online payment please mention course code RSGIS-2020 as  
comment.**

**DECLARATION**

Dr./Mr./Ms. \_\_\_\_\_ is  
an employee/research scholar of our institution and is  
permitted to attend the STTP on “Remote sensing &  
GIS” conducted by Dept of Information Technology,  
Government College of Engineering, Aurangabad from  
29<sup>th</sup> Jan to 02<sup>nd</sup> Feb 2020.

Signature of Applicant

Seal and Signature of  
Head of Institution

**PATRONS**

**Dr. Abhay Wagh**

Director  
Directorate of Technical Education,  
Maharashtra State, Mumbai

**Dr. Mahesh Shivankar**

Joint Director  
Technical Education, Regional Office,  
Aurangabad

**Dr. P. B. Murnal**

Principal  
Government College of Engineering,  
Aurangabad

**TEQIP-III CO-ORDINATOR**

**Dr. S. S. Mohite**

**CONVENER**

**Prof. Chitra Gaikwad**

Head  
Department of Information Technology,  
Govt. College of Engineering,  
Aurangabad

**STTP CO-ORDINATORS**

Prof. Varsha P. Gaikwad (9921660773)

Prof. Rahul B. Mannade (940554799)

**ORGANISING COMMITTEE**

Prof. K. S. Gandle

Prof. A. N. Ghule

Prof. S. M. Chavan

Prof. Dr. S. M. Kabra

Prof. K. R. Sarode

**One Week**

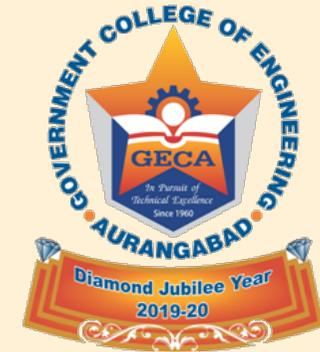
**Short Term Training Programme (STTP)**

**On**

**“Remote Sensing & Geographic  
Information System”  
(RSGIS - 2020)**

**(29<sup>th</sup> Jan to 02<sup>nd</sup> Feb 2020)**

**Government College of Engineering,  
Aurangabad**



**Sponsored By:**

**TEQIP – III**

Technical Education Quality Improvement Programme

**Organized By:**

**Department of Information Technology**

**Government College of Engineering**

**Aurangabad – 431005**

**Phone: 0240-2366300**

**Website: www.geca.ac.in**

## ABOUT GOVERNMENT ENGINEERING COLLEGE, AURANGABAD

The institute is established in 1960 and is functioning as an autonomous institute from academic year 2006 - 07. UGC, Government of Maharashtra and Dr. Babasaheb Ambedkar Marathwada University, Aurangabad have conferred the status of autonomous college to all U.G. & P.G. programs of the institute. The institute is celebrating 2019-20 as its **Diamond Jubilee year**.

## ABOUT THE COURSE

A Geographic Information System (GIS) is a computer-based tool for mapping and analyzing feature events on earth. GIS allows you to link databases and maps to create dynamic displays. Additionally, it provides tools to visualize, query, and overlay those databases in ways not possible with traditional spreadsheets. Remote sensing is the art and science of making measurements of the earth using sensors on airplane or satellites. These sensors collect data in the form of images and provide specialized capabilities for manipulating, analyzing, and visualizing those images. Remote sensed imagery is integrated within a GIS.

## Major Course Contents:

- ✓ Introduction to Remote Sensing
- ✓ Spectral reflectance and Earth surface interaction
- ✓ Multispectral and Hyperspectral Data processing and analysis
- ✓ Supervised and Unsupervised Classifications
- ✓ Introduction to GIS
- ✓ GIS : Data Models
- ✓ Applications of Remote Sensing and GIS in various fields
- ✓ Hands-on Session using QGIS / SAGA Software

## RESOURCE PERSONS

- Prof. K. V. Kale, DR. BAMU, Aurangabad
- Prof. B. K. Mohan, IIT Mumbai
- Prof. Surya S. Durbha, IIT Mumbai
- Prof. Suddhasheel Ghosh, JNEC, Aurangabad

## ELIGIBILITY

Faculty members from various AICTE/UGC approved colleges, post graduate students and research scholars can apply.

## DATE AND VENUE

STTP will be held during **29<sup>th</sup> Jan to 02<sup>nd</sup> Feb 2020**, at Department of Information Technology, Government College of Engineering, Aurangabad.

## REGISTRATION

**Complete your registration using following link:**

<https://script.google.com/a/geca.ac.in/macros/s/AKfycbzk7d037fP9wu1OHcWcB1XSICXmAO LZbbBpg1WB75zcLzMGvqU/exec>

## OR

Candidates can also fill the enclosed registration form and send scanned copy along with online payment receipt by email to the coordinator on following email id:

1. vpg\_itd@geca.ac.in
2. rahulmannade@geca.ac.in

## Registration Fee:

**PG students/Research Scholar:** Rs.1000/-

**Academician:** Rs.2000/-

**Industry Person:** Rs. 4000/-

## Details for on-line transfer of registration fee:

**Account No.:** 002988700000162

**Account Name:** Principal Government College of Engineering, Aurangabad

**Bank/Branch:** YES Bank

**IFS Code:** YESB0000029

Confirmation of eligible candidates will be on **FIRST-COME-FIRST-SERVE** basis up to a maximum of 40 candidates. The complete registration form should reach the coordinator till **25<sup>th</sup> January 2020**.

1. Registration will be confirmed by e-mail after receipt of registration form and payment.
2. Last Date for the receipt of Registration Form along with fees is **25<sup>th</sup> January 2020**.
3. Breakfast and Lunch will be provided during STTP.
4. No TA will be given to participants for attending STTP.

## ACCOMMODATION

Participants are requested to arrange accommodation on their own. Limited accommodation can be arranged on request in gents and ladies hostels of the institute. For accommodation assistance contact to following coordinators:

1. Prof. K. S. Gandle (08830084449) - For girls' hostel
2. Prof. K. V. Sonkamble (08600133572) - For boys' hostel

## ADDRESS FOR CORRESPONDANCE

### STTP on

## “Remote Sensing & Geographic Information System”

### Department of Information Technology,

Government College of Engineering,  
Station Road, Osmanpura, Aurangabad -  
431005

Maharashtra State, India

**Prof. Varsha P. Gaikwad (9921660773)**

**Prof. Rahul B. Mannade (940554799)**