



# SIX DAY FACULTY DEVELOPMENT PROGRAMME (FDP) ON WEB GIS (8<sup>th</sup> – 13<sup>th</sup> July, 2019)



**Organized by**  
E & ICT Academy and Department of Civil Engineering  
NIT Warangal

**(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)**

**Preamble:**

Electronics & ICT Academy was set up at NIT Warangal with financial assistance from MeitY, Gol. The role of academy is to offer faculty development programmes in emerging areas of Electronics, Information Communication Technologies; training & consultancy services for Industry; Curriculum development for Industry; CEP for working professionals; Advice and support for technical incubation and entrepreneurial activities.

As part of this initiative, a Faculty Development Program (FDP) on WEB GIS intended to give rigorous training on concepts for faculty, Scientists and Engineers who are extensively working in the field of geospatial technologies. The six days program will deal with basic WebGIS concepts, programming methodologies and application of WebGIS to different domains.

**Objectives:**

- To teach the Web GIS concepts to the participants
- To provide hands on exposure to the latest WebGIS soft tools
- To empower the participants with usage of Geo Server and Open layers tools for theme applications.

**Major Course Contents:**

- Introduction to WebGIS
- WebGIS Programming
- WebGIS Services
- OpenLayers and Geoserver
- Mobile data collection
- WebGIS App Development

**Registration Fee Particulars:**

Faculty and Research Scholars	Rs. 2500 /-
Industry Participants	Rs. 7500/-

The entire registration fee is to be collected in the form of DDs/online transfer using the following details:

DD Details	Online Transfer Details
Demand Draft in favor of "E & ICT Academy, NIT Warangal" payable at SBI, NIT Warangal	Account Name: Electronics & ICT Academy NITW Account No: 62423775910 IFSC: SBIN0020149

**Accommodation:**

All the selected participants will be provided FREE boarding & lodging in the institute guest house. No TA will be paid for the participants.

**Resource Persons:**

Faculty from NIT Warangal, Scientists from NRSC, Hyderabad and Industry experts are the resource persons for this course.

**Eligibility:**

The programme is open to the Faculty and PhD scholars working in the area of geospatial technologies and allied disciplines. Industry personnel working in the concerned/allied discipline can also attend.

**Pre-Requisites:**

Participants need to have working knowledge on GIS and Basic programming concepts.

**How to apply:**

A filled in form of application in the prescribed format duly signed and sponsored by appropriate authorities (along with demand draft) should reach the coordinator by speed-post. It is also mandatory to send the scanned application form and demand draft through e-mail to [kvreddy@nitw.ac.in](mailto:kvreddy@nitw.ac.in), [kvreddy229@gmail.com](mailto:kvreddy229@gmail.com) and as selection will be intimated only through e-mail.

**Selection Criteria:**

Selection will be done based on first-cum-first-serve basis and the confirmed candidates will be notified immediately. The maximum number of participants will be **40 (Forty)**. Additionally 10 participants from industry are allowed to participate. The list of selected participants will be notified in the institute web site [www.nitw.ac.in](http://www.nitw.ac.in) and also, will be sent to their personal e-mail ids. In case a candidate is not selected, the FDP fee will be remitted back to the account from which it is received. A test will be conducted at the end of the course. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per Gol norms.

**Important dates:**

**Last date for Application with fee: 10<sup>th</sup> June 2019**  
**Selection List by Email: 15<sup>th</sup> June 2019**  
**Duration: 8<sup>th</sup> to 13<sup>th</sup> July 2019.**

**About Institute, Department and Warangal:**

NIT Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 14 Departments offering eight undergraduate and 32 post-graduate programmes besides doctoral programmes. About 5000 students across the country and about 500 international students study on the campus.

The Department of Civil Engineering offers an undergraduate program in Civil Engineering and seven postgraduate programs. The Department offers M.Tech RS&GIS program with an intake of 25 students and has core research team on working on the various aspect of geospatial technologies. The Department is working on various WebGIS applications for urban, rural and utility systems. The faculty are involved in teaching WebGIS concepts to RSGIS students. Graduate students and scholars of the department are using WebGIS in their research activities. Department has strong Industry interaction and is involved in various Research & Consultancy projects in coordination with industry, Governments of India, Telangana & Andhra Pradesh.

Warangal is known for its rich historical and cultural heritage. It is situated at a distance of 140Km. from Hyderabad. Warangal is well connected by rail and road. National Institute of Technology campus is 2 Km. away from Kazipet junction and 12Km. away from Warangal station.

**Coordinator:**

**Dr. Venkata Reddy K, Associate Professor**  
**Dept. of Civil Engineering, NIT Warangal, TS.**



*A Six-Day Faculty Development Programme On*  
**WEB GIS**  
**(8<sup>th</sup> – 13<sup>th</sup> July, 2019)**



**(E&ICT Sponsored & CED-NITW)**

**REGISTRATION FORM**

1. Name:
2. Designation:
3. Institution:
4. Email:
5. Ph. No:
6. Payment detail:

Transaction/ DD No:                      Bank:

Date:

7. Amount:
8. Address for Correspondence:

9. Educational Qualification:
10. Subjects taught so far:

11. No. of refresher courses/workshops attended:
12. Experience (in years):
13. Teaching: Research: Industry:

14. Accommodation required: YES /NO

15. Do you belong to SC/ST : YES /NO  
(If yes, please specify) SC                       ST

**Declaration**

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Signature of the Applicant

**SPONSORSHIP CERTIFICATE**

Dr. /Mr. /Ms. .... is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on “**WEB GIS**”, sponsored by Electronics & ICT Academy during **8<sup>th</sup> – 13<sup>th</sup> July, 2019** at NIT Warangal.

Signature of Head of Institution  
(with seal)

**Address for correspondence**  
**Post your application form with proof for Fee Transfer online details**

Dr. K. Venkata Reddy,  
Associate Professor,  
Department of Civil Engineering,  
National Institute of Technology,  
Warangal-506 004, Telangana, India

**E-mail the scanned copies of filled-in and duly signed application form along with proof for Fee transfer online details & date to**  
[kvreddy@nitw.ac.in](mailto:kvreddy@nitw.ac.in)

**For more details about Electronics & ICT Academy, NIT, Warangal, please visit:**  
<https://nitw.ac.in/eict>

**For any enquiries please contact:**  
**Mobile: 8332969245/9441666379**

**Coordinator:**

**Dr. Venkata Reddy K. Associate Professor, Dept. of Civil Engineering, NIT Warangal, TS.**