



3 Days Faculty Development Program on **GEOMATICS & ADVANCED SURVEYING** 29- 31st January 2025



Dr. Kaushika G S IIT, Roorkee
Team lead-Hydrology & Hydraulics,
Clear Water Dynamics,
Bengaluru



Mr. Nikhil Jambhale
Assistant Professor,
KLE Technological University
Dr. M S Sheshagiri campus,
Belagavi

Time: 9.30 am-4.00 pm
Venue: DELTA SPACE, 1st floor,
VDC, GITAM, Bengaluru

Contents of FDP

- ❑ Introduction to RS & GIS, Applications in Civil Engineering
- ❑ Introduction to advanced surveying, Utility of DGPS, Total station in construction, Demo on total station
- ❑ Hands-on training on total station, Field study, Data interpretation

Ms. Reshma T V
Assistant Professor
Event Coordinator

Dr. Shubha Avinash
Head
Department of Civil Engineering

Prof. Basavaraj G Katageri
Associate Dean & Director,
GST, GITAM, Bengaluru

AGENDA

Day	Time slot	Activity
29-01-2025	9.30 am-10.00 am 10.00 am-4.00 pm	Inauguration Introduction to RS & GIS, Applications in Civil Engineering (KGS)
30-01-2025	10.00 am -11.30 am 11.45 am -1.15 pm 2.15 – 4.00 pm	Introduction to Advanced Surveying (KGS) Utility of DGPS, Total station in construction(NJ) Demo on total station (NJ)
31-01-2025	10.00 am -1.15 pm 2.15 – 3.15 pm 3.30 – 4.00 pm	Hands-on training on total station, Field study (NJ) Data Interpretation & Discussion (NJ) Valedictory
Breaks on all 3 days		
Tea (FN)	11.30-11.45 am	At Pantry, 1 st floor, VDC
Lunch	1.15-2.15 pm	Lunch at Graces Hall
High tea (AN)	3.15-3.30 pm	At Pantry, 1 st floor, VDC

* KGS- Dr. Kaushika G S ; NJ- Nikhil Jambhale