



2nd Three Days National Level Capacity Building Training Programme
on



DRONE for 3D MAPPING APPLICATION & EO-FACTORY IMAGE ANALYTICS PLATFORM



Organise by

International Institute of Geospatial Science & Technology (IIGST)

(A Constituent Unit of SAIARD, An ISO 9001:2015 & MSME, Govt. of India Certified & NITI Aayog, Govt. of India registered Academic & Research Institution)

&

SkyMap Global India Pvt. Ltd.

on

Batch:1- (4 – 6 June 2021) & Batch:2 – (18 – 20 June 2021)

About the Institutions



***International Institute of Geospatial Science and Technology (IIGST)**, is a constituent unit of South Asian Institute for Advanced Research and Development (SAIARD), has been formed under SAIARD with a motto to spread the arena of geospatial technology and its applications through education, research, training and capacity building, research, advocacy and innovative ideas through publication, various outreach programmes, collaborations and partnerships for sustainable and cognitive development of this region as well as to provide skill-based education to the students and make them employable and strengthening the hands of both public and private sectors by providing all-round supports in Southeast Asia. Since its formation SCAG was continuously engaged with lots of academic and capacity building programmes and now considering the growing importance of geospatial field SAIARD has decided to transform this centre into an autonomous institution with a new updated version i.e. IIGST. As a key player in geospatial field, the academic platforms of IIGST are designed in such a way as that it can meet the requirements of working professionals, academicians, researchers, planners and decision makers.*



***SkyMap Global** is a location-based data analytics company providing operational solutions to both commercial and government organizations worldwide. Headquartered in Singapore, it partners with global technology partners like Google, Planet Labs etc. to provide value added services to a diverse range of markets that includes Infrastructure, Forestry, Agriculture, Insurance, Water Resources, Environment, Healthcare, FMCG, Telecom among many others. Going forward the company is building its next generation products using Machine Learning and Automated tools as it aims to bring platforms for Satellite Imagery Analytics and Location Based Services. The company is launching its Imagery monitoring solutions to provide next generation data products and services. This is possible by co-creating solutions with their partners and empowering every user with a better decision making. When business requires fast and efficient Spatial Analytics, SkyMap Global delivers.*

Application Link: bit.ly/3euv8pi

Course Fees: 2500/- includes Kits, Lunch, Tea & Training

Bank Details:

Bank Name: State Bank of India
Beneficiary Name: SAIARD
Account No: 38377901244
IFSC Code: SBIN0016629

Seat Capacities per batch: 35

Target Audiences: B.A./B.Sc./M.A./M.Sc. /B.Tech. /M.Tech./ B.E. / A.M.I.E./B.C.A. / M.C.A.
 Students/Faculties in any
 University/College/Research Institution/Govt. officials/Corporates

Certificate: Registered candidates will get certificates on behalf of both the institution

Venue: IIGST, 87/210, Raja S.C. Mallick Road, Kolkata-700047 (Near Ganguly Bagan Bus Stop)

For any queries: 6289169916, 9836240482, iigstkolkata@gmail.com

PROGRAMME SCHEDULE

Day	Topic	Resource Persons	Time
1	Inauguration		10.00- 10.15 am
	Introduction of SkyMap Global	Mr.Prasenjit Haldar	10.15 – 11.30 am
	Overview of SkyMap Solution		
	& Importance of High Resolution Satellite Imagery and UAV Imagery		
	TEA BREAK		
	What is Drone?	Mr Anuj Mittal	11.45-1.15 pm
	Types of Drone		
	Design Parameter of Any Drone		
	Introduction to SkyMap G-Wing UAV		
	LUNCH		
Practical: Drone Fly and Image Capture	Mr Anuj Mittal	2.00-4.00 pm	
2	Application of Drone in GIS	Mr Soumaya Bhattacharyya	10.15 – 11.30 am
	DEM/DSM Creation using drone		
	TEA BREAK		
	Survey experience and accuracy enhancement on drone data	Mr Soumaya Bhattacharyya	11.45-1.15 pm
	Drone Data Processing		
	LUNCH		
Practical: Hands on Training on Drone	Mr Soumaya Bhattacharyya	2.00-4.00 pm	
3	Introduction to EO-Factory & Its Application	Mr Soumaya Bhattacharyya	10.15 – 1.15 pm
	LUNCH		
	Hands-on Training of EO-Factory	Mr Soumaya Bhattacharyya	2.00-4.00 pm
	Q & A Session		4.00-4.15 pm
	Valedictory Session & Certificate Distribution		4.15-4.30 pm

Glimpses of our Previous Workshop

