



Three Days Workshop

on

“Working with Drone”

20th-22nd March 2021

PATRONS

Dr. Dheeraj Sanghi
(Director – PEC)

COORDINATORS

Dr. Har Amrit Singh Sandhu
(Asst Prof. & Coordinator-KCCGT, PEC)

ORGANIZED BY

**Kalpna Chawla Chair of Geospatial
Technology,**
(PEC Chandigarh)

INDUSTRY PARTNER

Matrix Geo Solutions Pvt. Ltd.
New Delhi

BACKGROUND



Surveying with a drone offers enormous potential to GIS professionals. With a drone, it is possible to carry out topographic surveys of the same quality as the highly accurate measurements collected by traditional methods, but in a fraction of the time. This substantially reduces the cost of a site survey and the workload of specialists in the field. During the survey, the ground is photographed several times from different angles. Each image is tagged with coordinates. These maps can also be used to extract information such as highly-accurate distances or volumetric measurements.

OBJECTIVES

The workshop aims to impart theoretical and practical knowledge on Drone surveying and mapping to practicing engineers, consultants, student interns highlighting different aspects of unmanned aerial drone surveying. Highlights of this comprehensive workshop are:

- ✓ Exposure to drone mapping by industry experts with years of experience.
- ✓ Hands on experience of flying aerial drones to obtain high resolution data.

Registration link:

<https://forms.gle/BF9q4nM2gZQuKpNs9>

COURSE CONTENTS

Theory and practical sessions on basics of remote sensing, GIS and drone mapping, manual and automatic flight missions, calibration of drones, QC, GCP planning and survey, working of drones followed by practice sessions.

WHO CAN ATTEND?

Faculty members, Research Scholars, Students, stakeholders from govt. and private departments in the field of Engineering, Town Planner and Architects etc.

REGISTRATION FEES

The registration fee* is as below:

Rs 4,000/- +18% GST (Before 15th March)

Rs 5,000/- + 18% GST (After 15th March)

Rs 6,000/- + 18% GST (On Site)

** includes registration kits, Manual, Tea/Snacks*

Limited Seats registration will be on first come first basis

Bank details:

Account holder:	Kalpna Chawla Chair
Bank name:	Punjab National Bank
Account No.:	6060000100019834
IFSC code:	PUNB0606000
Address:	PEC Branch, Sec12, Chandigarh

ADDRESS FOR CORRESPONDENCE

For any query, you may please contact the following:

1. **Dr. Har Amrit Singh Sandhu** (Faculty, CED, PEC)
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