

Introduction to Pix4D Training

COURSE CONTENT

GET IN TOUCH



Multisoft Systems
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.com

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

Pix4D Training by Multisoft Systems is a comprehensive program designed for professionals and enthusiasts who want to master drone mapping, photogrammetry, and 3D modeling using Pix4D software. The course covers the complete workflow — from image acquisition with drones to processing aerial data for generating orthomosaics, digital surface models (DSM), and 3D point clouds.

Module 1: Photogrammetry Overview

- ✓ What is photogrammetry?
- ✓ Methods, integration, applications, and software

Module 2: Pix4D and Photogrammetry

- ✓ Pix4Dmapper
- ✓ Pix4Dsurvey
- ✓ Pix4Dreact
- ✓ Pix4Dbim
- ✓ Pix4Dfields
- ✓ Pix4Dengine
- ✓ Pix4Dcapture
- ✓ Pix4Dmodel

Module 3: Coordinate Systems and GPS

- ✓ Mathematical model of Earth

Module 4: Preparing the Development Environment

- ✓ Installing and configuring Pix4D

Module 5: Flight Planning, Execution, and Image Capture

- ✓ Using Nadir and Oblique for image capture
- ✓ Marking GPS way points and boundary points
- ✓ Creating image capture flight plans and multiple capture flight plans
- ✓ Working with flight parameters

Module 6: Pix4D Desktop

- ✓ Using Pix4Dcapture

- ✓ Loading data
- ✓ Creating a project and a high-precision project
- ✓ Splitting and merging projects
- ✓ Processing templates
- ✓ Creating reports
- ✓ Producing a 3D texture
- ✓ Uploading to the cloud