



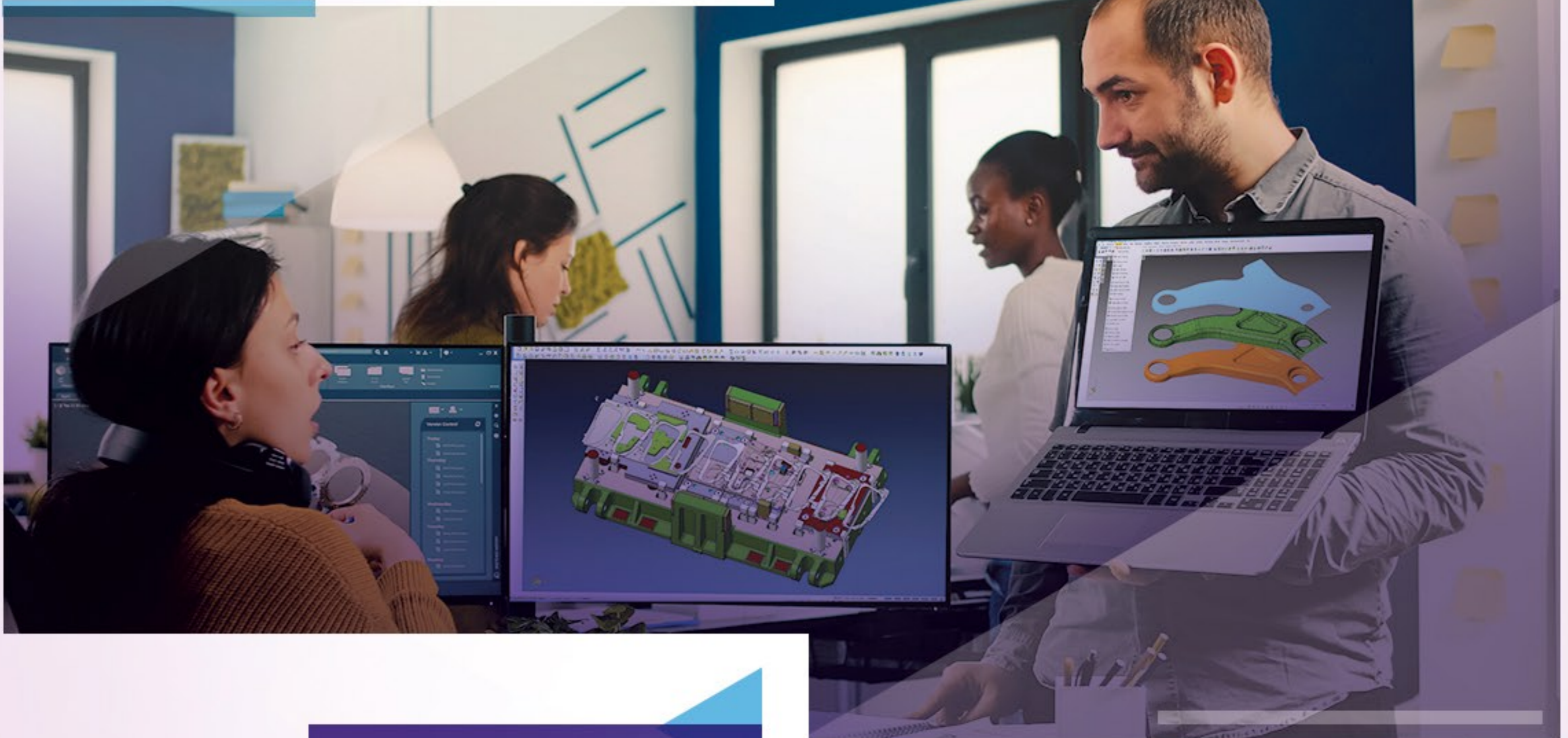
— Diploma in
Drone
Design and Analysis





“The ultimate Game-Changer”

With the initiatives taken by the Ministry of Civil Aviation and Director General of Civil Aviation (DGCA) for the UAV regulations and policies, it is very much evident that Drone is going to be a game-changing sector to increase the productivity and efficiency in sectors like Agriculture, Infrastructure, Power, Solar, Surveillance, Inspection, Remote sensing and many more.



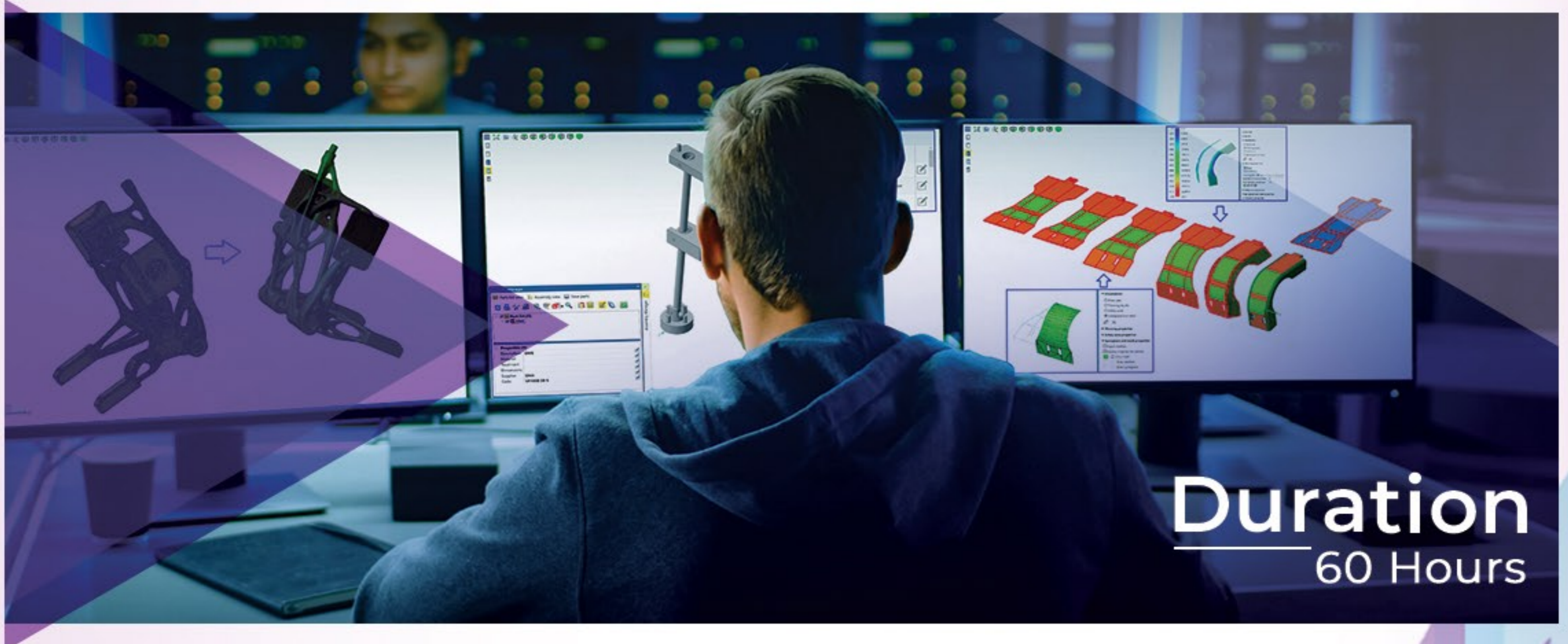
Softwares

- VISI Advanced Free Form CAD
- Easy5 Basic Package
- Easy5 Basic Analysis Only Package
- MSC Nastran LS Productivity Bundle MSC
- Apex Modeler
- MSC Apex Structures
- MSC Nastran Aeroelasticity I
- Actran/Acoustics
- Actran/Vibro-Acoustics
- Cradle CFD



“An array of Expertise”

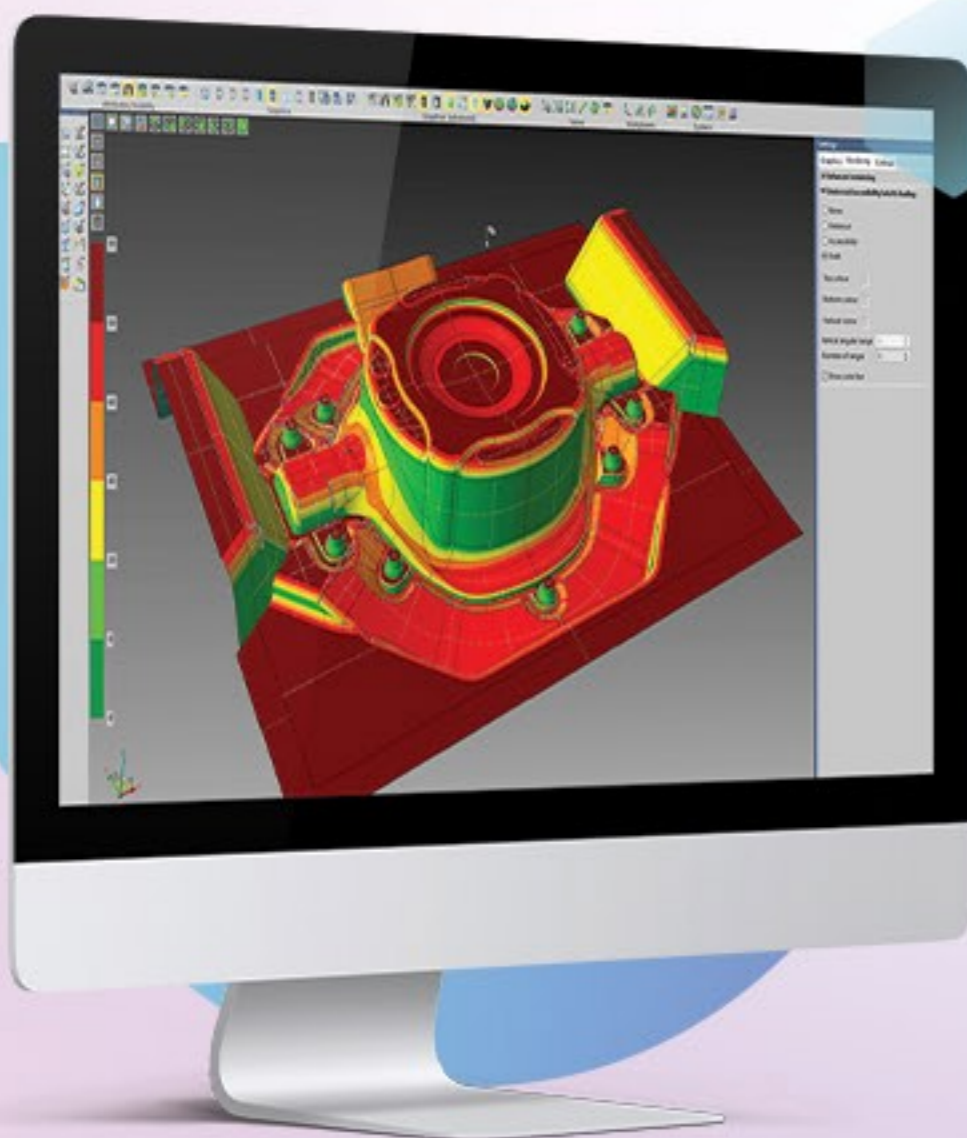
This course will enable users to cover the complete gamut from designing using VISA and Apex, structural analysis using Nastran, vibration analysis using Actran, and fluid dynamics analysis using Cradle to simulating control systems using Easy 5.



Duration
60 Hours

Modules

- Introduction to Drone Technology
- Drone Avionics System
- Drone Integration and Calibration
- Drone Stability and Control
- Introduction to Industrial Design
- Multirotor Drone Design
- Introduction to Quadcopter Mathematical Modelling
- Altitude modeling, Roll Modeling, Pitch Modeling, Yaw modeling and Linearized Quadcopter modeling
- RC Aircraft Design and Development
- Drone Aerodynamics and Acoustics
- Drone Structures



Overview

ImageGrafix Academy, a training division of ImageGrafix Software Solutions, partnered with the leading Engineering Software Solutions developer viz, Hexagon ALI, and Oracle offers training on instructor-led, state-of-the-art facilities and virtual training services to help people master themselves with adaptive new solutions.



- Withholds a succeeding legacy of 25 years in Engineering and Software solutions and more than a decade in the training industry,
- Our Infrastructure comprises of latest in-demand technologies, virtual software access for practical sessions, library references, Noteworthy course materials and Digital Learning Management System - LMS.
- Competency-based curriculum.

Our Forte

- Highly skilled & industry-experienced faculties to deliver world-class training.
- Global Certification benefit, with the authorized logo of software developer.
- Our job-oriented training help students meet the industry requirements and get the spotlight in the market.

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