

HOW TO BUILD A DRONE FOR BEGINNERS



PROGRAM DESCRIPTION

OVERVIEW

The growing interests of learners in the drone technology have developed new fields of application for it. Presently, drones are working in so many areas and with continuous advancements in technologies these machines are going to be more robust and useful in coming future too.

The core focus of this training program is to help students who wants to pursue study and career in space-tech/drone field. This basic program on drone & UAV covers what is drone, drone frequencies and drone power levels. The course also covers drone hardware components, how drone works, drone applications etc.

IN THIS PROGRAM, WE WILL GO THROUGH FOLLOWING SUBTOPICS:

- The basic definition of drone UAV
- UAVs and design -categories and applications
- Frequencies used in drone communication
- Power level used in drone
- Hardware components used in making of drone
- Working of drone
- Drone applications - AI enabled Drones and use cases in the civilian and military sectors.

FOR WHOM :

- This is for the 10-12th standard audience and possibly first-year students.

SCHEDULE – 1 WEEK. BATCHES STARTS JANUARY END

- Fees – INR 9999 /- plus GST

GENERAL QUESTIONS

WHAT IS AEROSPACE ENGINEERING?

Aerospace Engineering is a branch of Engineering that provides skills and knowledge to design, manufacture and maintain spacecrafts, aircrafts, missiles and weapons systems. A large part of Aerospace Engineering consists of Mechanical Engineering covering a wide range of topics, including computer application, structures, mathematics, physics, drafting, electricity, robotics, aeronautics etc.

HOW I FIND AEROSPACE TECHNOLOGY IS GOOD CAREER FOR ME?

Professionals who work as an aerospace worker conduct research, and design and develop vehicles and systems for atmospheric and space environments. Individuals who have the proper educational background, possess good communications skills, and are committed to being part of a team achieve successful career in Aerospace field. A successful aerospace career field offers opportunities for high job satisfaction and excellent compensation.

HOW DO YOU KNOW IF I CAN PURSUE AN AEROSPACE CAREER?

Please check your chances for success by answering these questions:

- Do you enjoy math and science?
- Do you have an inquisitive and searching mind?
- Do you like to solve problems and puzzles?
- Do you enjoy working with computers?
- Do you like to build things?

If you are agreed with most of the question, than you may want to consider an aerospace career.

HOW I SEE ME IN 10 YEARS IN AEROSPACE CAREER?

The world will continue to need aerospace scientists, engineers, technologists and technicians to be ready for the 21st century.

YOUR MENTOR FOR THIS PROGRAM



MR. RUP SEN

He has two decades of experience in Automotive, IT and Defence/Space sectors in Leadership/Technology

EDUCATION

- M.Tech Software Systems, BITS Pilani 2013-15
- B. Tech (Hons.) Production Engineering, University of Calicut 1993-97 Six Sigma Black Belt, Indian
- Statistical Institute 2012-13
- FMEA Trainer/Moderator, Quality Gate and CIP Moderator, Robert Bosch GmbH 2008-18
- Lean Aerospace (HAL) and Automotive (GM) Expert 2003-06
- Lead Auditor – ISO 9001 (Quality) & 27001 (Info Security)
- Internal Auditor – ISO 14001 (Environment), OHSAS 18001 & 27001 (Info Security)
- IATF 16949 (Automotive), AS 9100 (Aerospace), ISO13485 (Medical Devices)
- CMMi V & A-Spice models, ISO 31000 & ERM

WORK EXPERIENCE

- 19+ years with HAL, GM & Bosch
- - 2 years own Consulting/Training & Design practice

ACHIEVEMENTS

- iDEX/DIO MoD DISC National Winner 2018-19
- NASSCOM Mobility Challenge contest Finalist 2019
- Designed + Sold a GRC SW product in Robert Bosch GmbH for USD 0.5 million (for global use @ 150+ countries @10X ROI, 2016-19)

FOR ENROLLMENT, PLEASE CONNECT TO –

AMIT SINGH

Program Manager

Email – amit@coursmy.com

Contact – +91 80071 94747, 91-124-6613328

Website – <https://coursmy.com>