



**Dautya Aerospace Pvt. Ltd.**

**दौत्य एयरोस्पेस (प) ल्टड.**

**Aerospace Integrated training cum Internship  
Skill Development Program 2024-25**

---

**DREAM HIGHER TO FULFILL YOUR DESIRE DAUTYA AEROSPACE**

## About Us

- Dautya is a research oriented engineering company from Goa India, it was established in 2020.
- The aim of Dautya is to overcome competitive world with a effective mode of operation through its Research Intelligence.
- Dautya never compromise on the quality of the deliverables with customer satisfaction in short span of time.
- Dautya also acts as a helping hand for other industries with the root cause analysis of the problem faced by the particular industry in rapid and cost effective manner.



DARL, Bengaluru  
(an ISO 9001 Certified company)  
Research, Analysis, Testing



**DAUTYA  
AEROSPACE**

## Company Certification and Accreditation



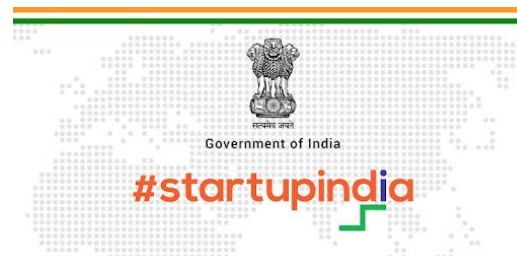
Ministry of Corporate Affairs  
Government Of India  
Research And Development  
CIN : U73100GA2021PTC014669



QUALITY MANAGEMENT SYSTEM  
INTERNATIONAL ORGANIZATION  
FOR STANDARDIZATION  
9001:2015  
RESEARCH AND DEVELOPMENT



**StartupTN**



Company is Certified and Accredited by above for Engineering Research and Development, Analysis, Testing with Technical Publications for all the researched products.



DARL, Bengaluru  
(an ISO 9001 Certified company)  
Research, Analysis, Testing



**DAUTYA  
AEROSPACE**

## Branches:

Dautya Aerospace Pvt. Ltd.  
**Research Centre**

Vasco-Da-Gama, Goa  
India

Dautya Aerospace Pvt. Ltd.  
**Research Lab**

Bengaluru, Karnataka  
India

Dautya Aerospace Pvt. Ltd.  
**Manufacturing Lab**

Nammakal, Tamil Nadu  
India

Dautya Aerospace Pvt. Ltd.  
**Aerospace Consultant Centre**

(Kerala, Gujarat ) India  
Maldives, U.K. (Seattle, Washington)



DARL, Bengaluru  
(an ISO 9001 Certified company)  
Research, Analysis, Testing



**DAUTYA  
AEROSPACE**

# Capabilities

Scientific Research  
(Aerospace &  
Mechanical)

Technical  
Publications



RC Research & Flying  
( Aircraft & Drones)

NPI  
Manufacturing



DARL, Bengaluru  
(an ISO 9001 Certified company)  
Research, Analysis, Testing



DAUTYA  
AEROSPACE

## Expertise

Engineering Service	Scientific Research	Technical Publication
AUTO CAD 3D, 2D	AIRCRAFT PROPULSION	ARBORTEXT EDITOR
CFD	AIRCRAFT STRUCTURE	ISODRAW
HYPERMESH	AIRCRAFT SYSTEM	FRAMEMAKER
SOLID WORKS	AVIONICS	SAP
NASTRAN	COMPOSITE	AUTO CAD
CREO	AUTOMOBILE	GIPSY
CATIA	MECHANICAL	EPIC EDITOR

## Projects Undergoing:

Elimination of foreign object with ultra sonic sensor for Aviation

Piezo Embedded energy harvesting due to external Load applied

Research & Development of multi seater Amphibian vehicle Gradopter

Magneto propulsive Solar Aircraft Engine concept research

## What is Internship?

An **internship** is a professional learning experience that offers meaningful, practical work related to a student's field of study or career interest. An **internship** gives a student the opportunity for career exploration and development, and to learn new skills.





## Why Internship?

Industry are looking mainly for the students who are industry ready.

Time

Trainer

Salary

Infrastructure



**SKILL DEVELOPMENT PROGRAM AND  
INTERNSHIP OFFERED BY  
DAUTYA AEROSPACE**



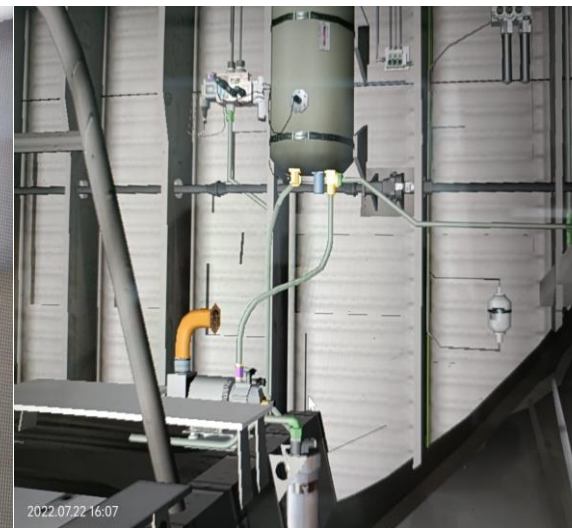
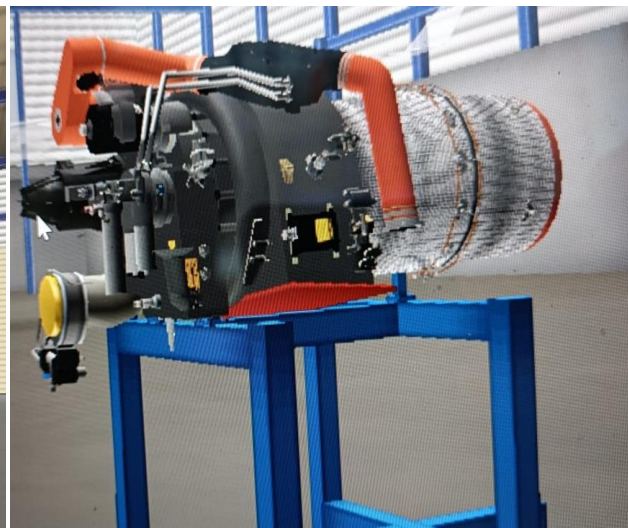
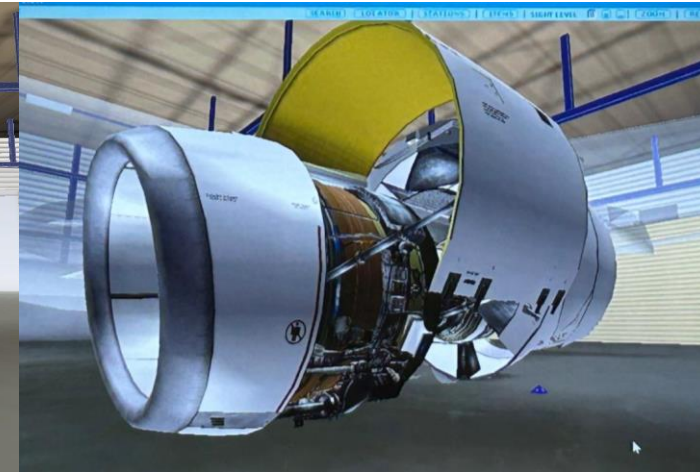
## Know your Aerospace/Aeronautics/Aviation

- History Of Aerospace
- Aerodynamics
- Propulsion
- Structure
- System and Instruments
- Zero Visibility Landing
- Engine Dissection
- Helicopter Take off and Landing



## Aircraft Maintenance and Live Visualisation

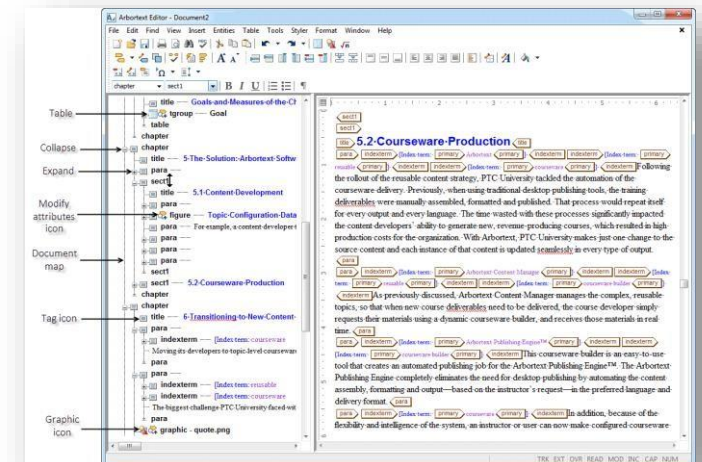
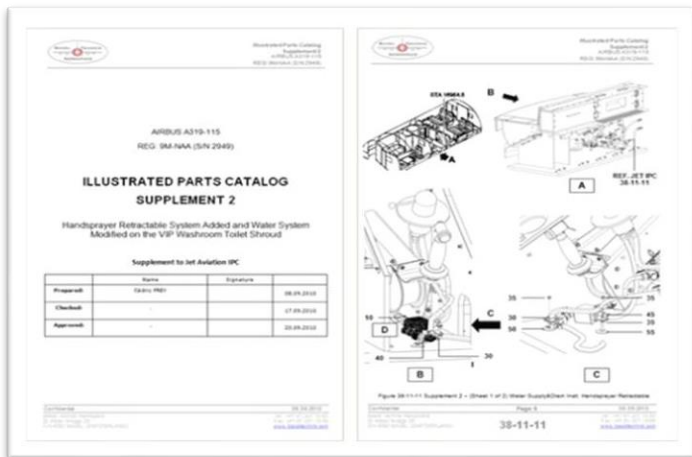
- Live Visualization of Aircraft ( System, Instruments, Controls, different Bays etc..)
- DGCA and Rules and regulation
- Different Maintenance process and Checks
- DGCA Exam
- Live Visualization on A330 Software



## Aerospace Technical Publications

- Aerospace Global Standards (ATA 100, iSpec2200, S1000D)
- Maintenance Manuals ( AMM, CMM, IPC, ERM, SRM)
- FAA Exam Preparation complementary Certification
- SOP, MIS, MOS, SAP, RIS creations
- Quality Tools

## SAP Software Training

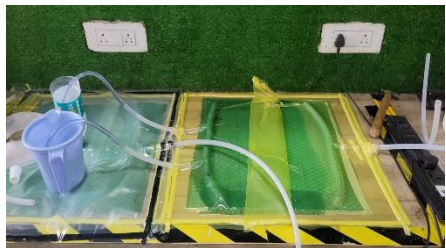


## Composite Repair and Manufacturing Technology

- History of Composite
- Patents
- Medical Applications
- Engineering Manufacturing
- Aerospace Manufacturing
- Future Composite

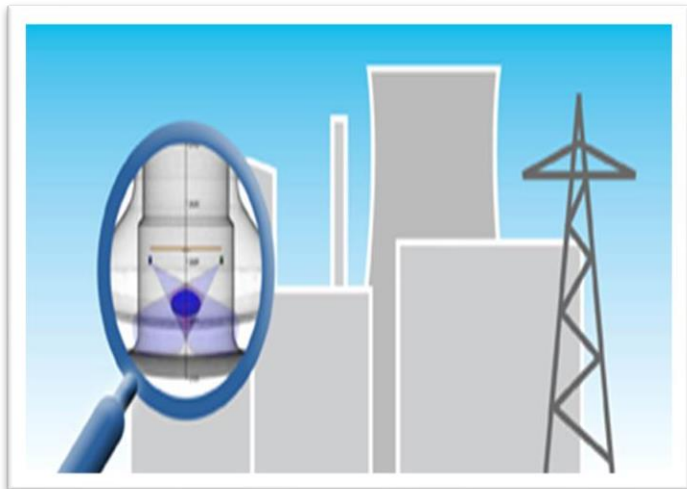
### Practical Training

- R & D Manufacturing process in Aerospace Industry using VARTM Process



## Non Destructive Testing

- Non Destructive Testing (NDT)
- Destructive Testing (DT)
- Visual Inspection (VI) – Fibroscope , Boroscope
- **Die Penetrate Inspection (DPI)**
- **Magnetic Particle Inspection (MPI)**
- Eddy Current Testing
- **Ultrasonic Testing**
- Radiography
- Computer Tomography (CT) – Normal Scan, PET , MRI

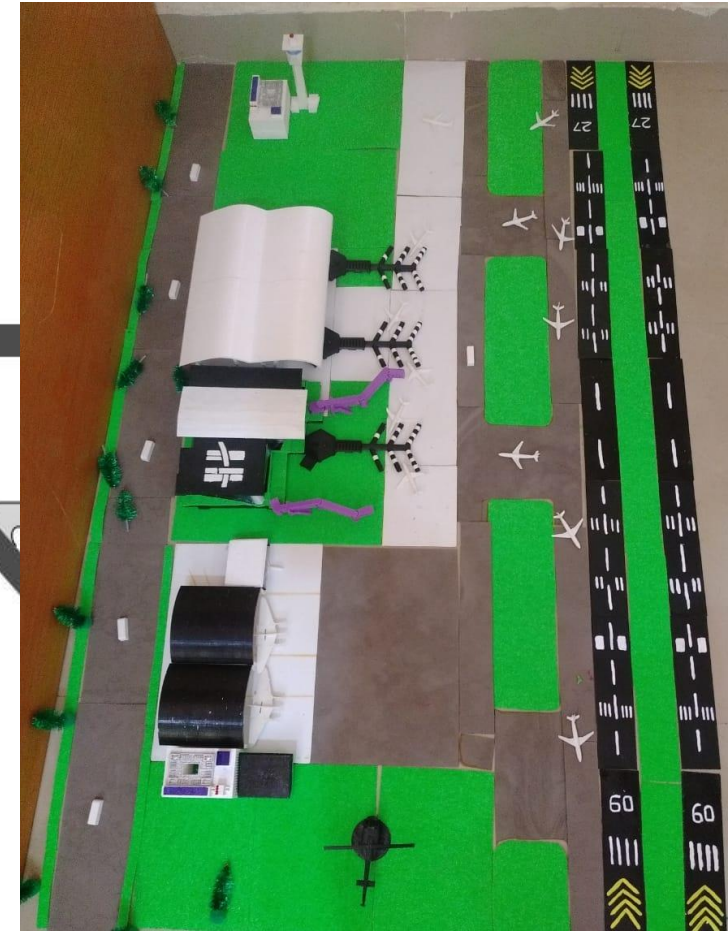
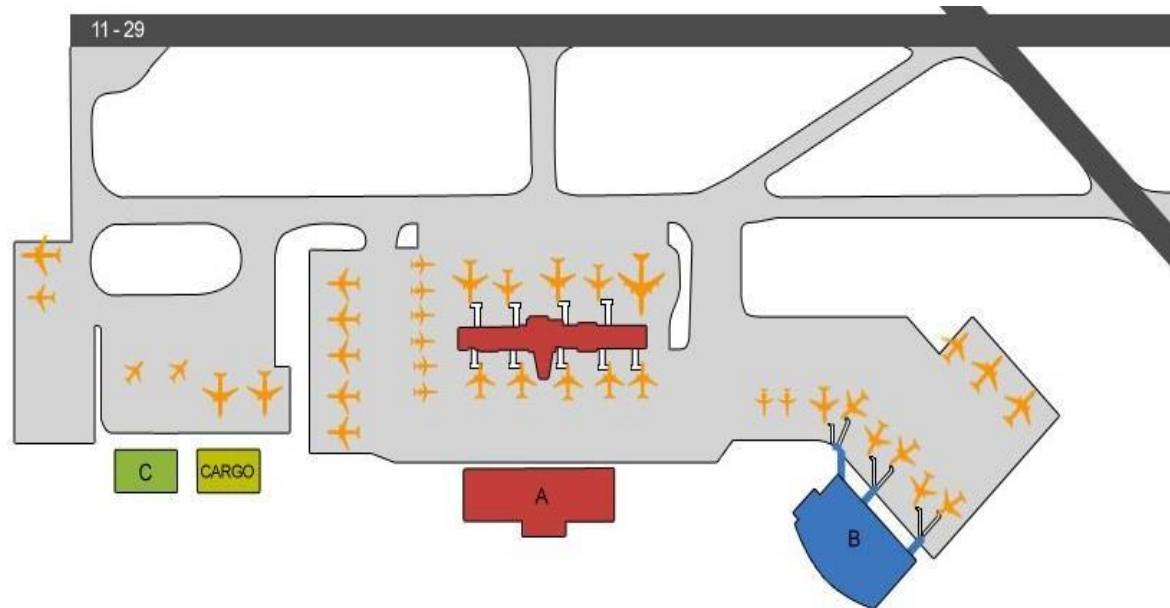


### Practical Training

- Die Penetrate Inspection (DPI)
- Magnetic Particle Inspection (MPI)
- Ultrasonic Testing

## Airport Layout Security and Safety

- Airport Layouting
- Signal Lights
- Departments in Airport
- AVSEC
- BCAS
- Fire and Safety
- Aviation Alphabets
- Safety and Security
- Terminals
- AEP







DARL, Bengaluru  
(an ISO 9001 Certified company)  
Research, Analysis, Testing



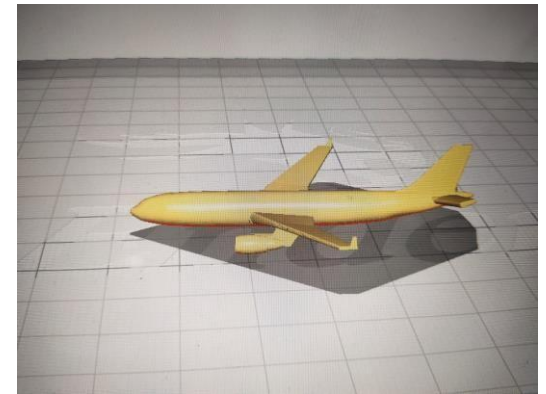
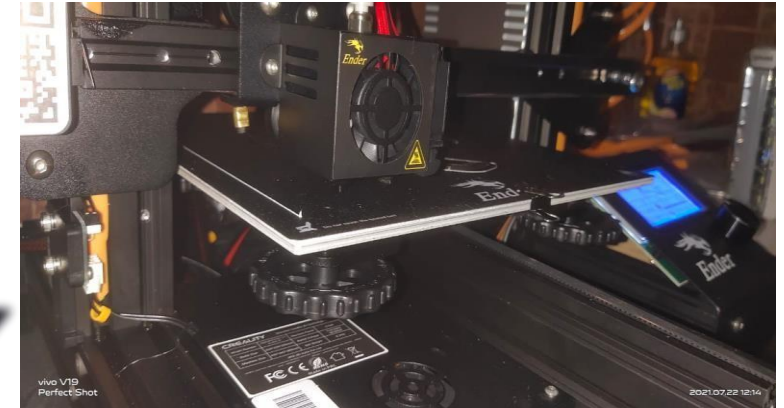
DAUTYA  
AEROSPACE

## 3D Printing Technology

- Design
- 3D Printing Technology
- Manufacturing
- Troubleshooting
- Maintenance Process and Safety measure

## Software Training

- U C 4.13.1



## Aircraft Simulator training

Experience the real time Aircraft Flying using HOTAS



## Unmanned Aerial Vehicle

Research, Design, Manufacture and Fly



## **Internship Project Under Dautya Aerospace**

On Completion of Training student would be assigned with working on product research Project under Dautya Aerospace, Areas of research covered

- **Aerodynamic**
- **Propulsion**
- **Structure**
- **Composite**
- **System and Avionic**
- **UAV**
- **Marine**
- **Automobile**
- **Medical Instruments and safety products**
- **Railways**
- **Dautya Product Manual Preparation**



DARL, Bengaluru  
(an ISO 9001 Certified company)  
Research, Analysis, Testing

*“Dream higher to fulfill your desire”*

For More details feel free to contact us:

#### Headquters

**Dautya Aerospace Pvt. Ltd. (Research Centre)**

# 36, Near Varunapuri gate,  
Mangoor, Vasco-Da-Gama,  
Goa-403802

 +91 87882 78322

 +91 73386 38322

 [www.dautyaaerospaceindia.com](http://www.dautyaaerospaceindia.com)

#### Branch Office

**Dautya Aerospace Pvt. Ltd. (Research Lab)**

199/D, 4th Main Road,  
HAL 3<sup>rd</sup> Stage, New Tippasandra,  
Bengaluru -75

Follow us on :    