RC PLANE WORKSHOP

Organized by TEAM VYOMA

WORKSHOP DETAILS

Ever wondered how it feels to design your own aircraft and see it soar into the sky?

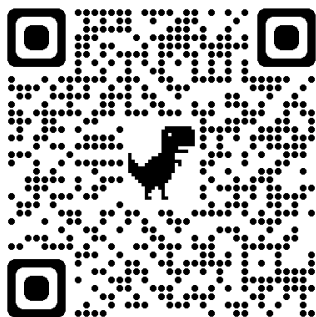## Then Take a Break and come to RC Aircraft Workshop at RVCE

About Workshop:

You get the opportunity to understand the theory underlying aircraft operation and aircraft design by attending this RC workshop. It encourages innovation by forcing you to create your own RC aircraft design and build it from the ground up. You may create your own plane with the aid of an interactive lecture and hands on session.

Outcomes:

- Design, Build & Test your first RC Aircraft from scratch!
- Hands-on experience on the electronic and electrical instrumentation of an RC aircraft
- You will learn all the basic concepts which are used for flying aircraft
- Intro to unmanned aerial systems (UAS)
- Applications of UAV

Registration Link:

Any doubts, please contact

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Timeline:

Day 1

EVENTS	DURATION	VENUE
Welcome Speech	20mins	Ec Seminar Hall
Workshop Detailing	10mins	Ec Seminar Hall
Introduction to UAVs	30mins	
Learn With Fun	15mins	
Hopping on Aircraft Stability	15mins	
Capturing Aerodynamic Data (Intro to XFLR)	30mins	
Hands On Session – Wing Manufacture	60mins	Vyoma Workshop

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RV Educational institutions®
RV College of Engineering®

Autonomous
Institution Affiliated
to Visvesvaraya
Technological
University, Belagavi

Approved by AICTE,
New Delhi

AERONAUTICAL
SOCIETY OF INDIA
Bangalore Branch

Day 2

EVENTS	DURATION	VENUE
Talk on Cad Modelling and Avionics	90mins	Design Thinking lab
Fuselage Manufacturing	60mins	Design Thinking lab
Empennage Manufacturing	30mins	
Avionics Connections	30mins	Design Thinking lab
Final Assembly	30mins	
Take Off	--	TBD

Fees and Prize

- The Workshop cost is 1400 per person. (5 members team)
- Since this a Workshop conducted to enhance the knowledge of RC Planes among fellow participants; there is no prize as such. However, 5 members team will carry one RC Plane build by them

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