



Dr. M. Sundararaj M.L. Ph.D. Head

04/01/2021

Ref No:Cir/Aero/2021/003

#### CIRCULAR

This is to intimate the students that Value Added Program titled "Course on Quadcopter Design " is scheduled to be conducted from 11/01/2021. The course will be for a duration of 30 hours and will be conducted during weekends. Further Details can contact the Course Coordinator Mr. S.R. Vimalraj Assistant Professor, Department of Aeronautical Engineering.

> In the second HoD-Aero

#### Copy to:

- 1. Copy to All school of Engineering
- 2. Copy to Dean Engineering
- 3. Copy to Pro-VC
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## **Department of Aeronautical Engineering**

Value Added Course on line Course on Quadcopter Design

### Objective:

This course introduces the designing and sizing process (Simulation/Experimental) for fixed ? wing UAV technology, integrated with its performance and stability analysis (Static & Dynamic) and prototype testing

Course Co-ordinator: S.R.Vimalraj

COURSE LAYOUT

SNO	Date	Course Content	Duration	Instructor
1	11/01/2021 (FN)	Review of the concepts of Quadcopter Design	3 Hours	Ms.Kavya, Managing Director, Big Bang Boom Solutions private limited
2	16/01/2021 (FN)	Understanding the static stability of various UAVs.	3 Hours	Ms.Kavya, Managing Director, Big Bang Boom Solutions private limited
3	16/01/2021 (AN)	Significance of location of Neutral point	3 Hours	Ms.Kavya, Managing Director, Big Bang Boom Solutions private limited
4	17/01/2021 (FN)	Centre of gravity for a stable flight	3 Hours	Ms.Kavya, Managing Director, Big Bang Boom Solutions private limited
5	17/01/2021 (AN)	Approach for wing design and airfoil selection with examples	3 Hours	Ms.Kavya, Managing Director, Big Bang Boom Solutions private limited
6	23/01/2021 (FN)	Tail sizing, control surface sizing and significance of tail volume ratio with examples	3 Hours	Ms.Kavya, Managing Director, Big Bang Boom Solutions private limited
7	23/01/2021 (AN)	Developing subroutine for design process	3 Hours	Ms.Kavya, Managing Director, Big Bang Boom Solutions private limited





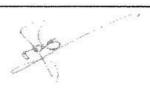






	Tell II II II Web	Department of Aeronautical Engineering					
		Value Added Course					
		online Course on Quadcopter Design					
List of students Registered on 11.01.2021							
SNO	Reg NO	Name of the Student					
1	U15AE004	ARAVINDAN A					
2	U15AE008	CHILAKALAPUDI YASHWANTH TEJA					
3	U15AE012	DEGALA VINODKUMAR					
4	U15AE022	KM JUHI GUPTA					
5	U15AE014	EDWIN PRAKASH F					
6	U15AE023	KOLA JOHN HANNA JAYASHREE					
7	U15AE031	PARASA MAHENDRA					
8	U15AE034	PULUSU PARDHU SREE					
9	U15AE040	SANGEETHA N					
10	U15AE041	SANJAY V					
11	U15AE047	VALMIKI MANOJ KUMAR					
12	U15AE050	YANAMADHALA AVINASH CHOWDARY					
13	U15AE702	MOHD AMIR					
14	U15AE062	SANDEEP G M					
15	U15AE055	VASU P					
16	U15AE053	PALLEKONDU SIRISHA					
17	U14AE059	PRAGATHY.D					
18	U14AE060	PRATHAP L					
19	U14AE067	B.SATHISH KUMAR					
20	U14AE068	SATHIYA SEELAN.E					
21	U14AE069	SAYAN BHATTACHARJEE					
22	U14AE071	SELVAGANAPATHY R					
23	U14AE072	SHAIK KHADER SHARIEF					
24	U14AE074	SHANMUGANANDAN.M					
25	U14AE076	SIDHAREDDY MANIGANDAN					
26	U14AE077	SIMGAVARJULA VEDAVYAS					
27	U14EC002	AARTHLP					
28	U14EC010	AMARJEET KUMAR					
29	U14EC011	R AMULYA					
30	U14EC012	MAHAMKALI VENKATA SAI NANDAANIRUDH.					
31	U14EC017	ASARA ANITH RAO					
32	U14EC024	CHANDRALEKA.K					
33	U14EC025	CHEKURI.VENKATA MAHESH					
34	U14EC031	DEEPAK.A					
35	U14CS171	SHARSHI KANT PRASAD					
36	U14CS186	SURIYA.A.					





# Participant Feedback Form (On course completion)

Date 23 /. 0.1 2021								
Course QuAD coeten Denign								
Student Name (optional)SuRNAAA.								
Student ID (optional)								
a) Helpful and knowledgeable staff:								
Very satisfied	Satisfied	Somewhat satisfied	Not satisfied					
b) Staff friendliness:  Very satisfied	Satisfied	Somewhat satisfied	Not satisfied					
C) Ease of registration:  Very satisfied	Satisfied	Somewhat satisfied	Not satisfied					
2. Is there anything we can improve with our registration process?								
rud orline Registratio								
B. The Training Facility								
3. How satisfied were you with the training facility on the follow								
a) Cleanliness of facility:  Very satisfied	: Satisfied	Somewhat satisfied	Not satisfied					
b) Comfort of training ro Very satisfied	om: Satisfied	Somewhat satisfied	Not satisfied					
4. Is there anything we can improve with any of the above?								
	Shod.							

# Participant Feedback Form

(On course completion)

Date?.3.la.1.l.2021							
Course VAP ON CONADCOPten Design							
Student Name (optional)V.A.S.uP.							
Student ID (optional)							
a) Helpful and knowledgeable staff:							
Very satisfied	Satisfied	Somewhat satisfied	Not satisfied				
b) Staff friendliness: Very satisfied	Satisfied	Somewhat satisfied	Not satisfied				
C) Ease of registration:  Very satisfied	Satisfied	Somewhat satisfied	Not satisfied				
2. Is there anything we can improve with our registration process?							
Need more Program Co-ordition							
B. The Training Facility							
3. How satisfied were you with the training facility on the follow							
a) Cleanliness of facility  Very satisfied	: Satisfied	Somewhat satisfied	Not satisfied				
b) Comfort of training ro  Very satisfied	oom: Satisfied	Somewhat satisfied	Not satisfied				
4. Is there anything we can improve with any of the above?							
Regularly we need this type of Program							

