Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed-to-be University under section 3 of UGC Act, 1956)
(Vide Notification No. F.9-5/2000 - U.3, Ministry of Human Resource Development, Govt. of India, dated 4ᵗʰ July 2002)

BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF AERONAUTICAL ENGINEERING
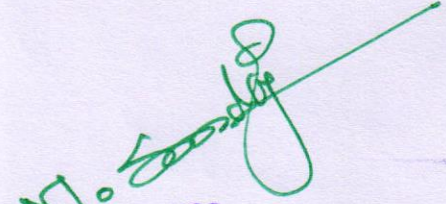Website : www.bharathuniv.ac.in

Dr. M.Sundararaj M.E., Ph.D
Head

22/01/2020

F.No.Aero/Events-1.1/Value Added Course/2020

CIRCULAR

Department of Aeronautical Engineering is organising a Value Added Course on "INTRODUCTION TO EXPERIMENTS IN FLIGHT" to be delivered by the eminent Industry expert and speaker, **Mr. Raja A, Design Engineer, Geometrics Pvt. Ltd.** on **24/01/2020** for the students of B.Tech (Aeronautical & Aerospace Engineering). All the students are hereby instructed to be available for the said course.

HOD.
Department of Aeronautical Engineering
Bharath Institute of Higher Education & Research
(Declared as Deemed to be University U/S 3 of UGC Act, 1956)
Selaiyur, Chennai-600 073. INDIA

HOD-Aero

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Department of Aeronautical Engineering
Value Added Course
INTRODUCTION TO EXPERIMENTS IN FLIGHT

Objective :

To conduct experiments in airplane to determine different parameters. This course will also help in creating a background to design an experiment to determine a specific parameter.

Course Co-ordinator: Mr. E. Mahavishnu

COURSE LAYOUT

SNO	Date	Course Content	Duration	Instructor
1	24/01/2020 (FN)	Planning of Experiment Weighment of Aircraft Cruise Flight Cruise Experiment	3 Hours	Mr.Raja A ,Design Engineer, Geometrics Pvt. Ltd.
2	27/01/2020 (FN)	Cruise Experiment Climbing Flight Neutral Point(stick fixed)	3 Hours	Mr.Raja A ,Design Engineer, Geometrics Pvt. Ltd.
3	27/01/2020 (AN)	Data Acquisition using MEMS devices	3 Hours	Mr.Raja A ,Design Engineer, Geometrics Pvt. Ltd.
4	28/01/2020 (FN)	Neutral Point Experiment Maneuvering Point (stick fixed) Maneuvering Point Experiment	3 Hours	Mr.Raja A ,Design Engineer, Geometrics Pvt. Ltd.
5	28/01/2020 (AN)	Steady Coordinated turn	3 Hours	Mr.Raja A ,Design Engineer, Geometrics Pvt. Ltd.
6	29/01/2020 (FN)	Lateral Stability and Control Lateral-Stability	3 Hours	Mr.Raja A ,Design Engineer, Geometrics Pvt. Ltd.
7	29/01/2020 (AN)	Directional Stability and Control Directional Stability and Control Experiments	3 Hours	Mr.Raja A ,Design Engineer, Geometrics Pvt. Ltd.
8	03/02/2020 (FN)	Aerodynamic Parameter Estimation using Least Squares Method	3 Hours	Mr.Raja A ,Design Engineer, Geometrics Pvt. Ltd.
9	03/02/2020 (AN)	Aerodynamic Parameter Estimation using Delta Method	3 Hours	Mr.Raja A ,Design Engineer, Geometrics Pvt. Ltd.
10	04/02/2020 (FN)	Aerodynamic Parameter Estimation using Delta Method	3 Hours	Mr.Raja A ,Design Engineer, Geometrics Pvt. Ltd.

| BOOKS AND REFERENCES	
1	Introduction to Flight By - Anderson

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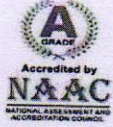
Department of Aeronautical Engineering

Value Added Course

Course on INTRODUCTION TO EXPERIMENTS IN FLIGHT

List of students Registered on 24/01/2020

SNO	Reg NO	Name of the Student
1	U16AE004	KEERTHIVASAN J
2	U16AE005	CHARANKUMAR A
3	U16AE006	VIGNESH T
4	U16AE007	BOYANAPALLE SRINIVAS ANSHU BAB
5	U16AE008	SEELAM DURGA LAKSHMI PRIYANKA
6	U16AE009	LOKESH B
7	U16AE010	KANDULA THRINATH
8	U16AE011	KODAVALURU SAI BHAVANA
9	U16AE019	PUNITHAN A
10	U16AE020	JANARTHANAN K
11	U16AE021	MANDALA HARI
12	U16AE022	VIGNESH A
13	U16AE023	NATARAJAN T M
14	U16AE024	SANTHOSH KUMAR SAHU
15	U16AE025	VAGGALA MAMATHA SRI
16	U16AE026	KESAVARAJU K V
17	U16AE027	GOLLA GOPAL
18	U16AE028	MUHUNTHANI B
19	U16AE029	GUDIPATI SIVAKUMAR
20	U16AE030	MONIKA VEMAGIRI
21	U16AE031	D VINOD RAO
22	U16AE032	ARUN R
23	U16AE033	DEKKA SAI VENKATA SURYA AJAY KUMAR
24	U16AE034	SHAKEEL AKTHAR M
25	U16AE035	ADAPALA ANIL KUMAR
26	U16AE036	GHANTASALA PARASU RAJU
27	U16AE037	K GAMANA
28	U16AE038	GORIPARTHI PRATHYUSHA
29	U16AE039	MULAKA BHAVANA
30	U16AE040	THULLIMALLI RATNA KISHORE
31	U16AE041	LAKSHMI NARASIMHAN V
32	U16AE042	ADIGARLA BHANU PRASAD
33	U16AE043	SRI HARSHA VARMA MANTHENA

34	U16AE044	GOGULAMANDA VEERA SWAMY RAJIV
35	U16AE045	HURASU VENUH
36	U16AE046	PRABAKARAN P
37	U16AE047	ZAHID AYOOB
38	U16AE048	PASUPULETI PUJITHA
39	U16AE501	AKASH V
40	U16AE502	RIYO PAULDUVIN M
41	U16AE503	RAJAGOPALAN NARAYANAN
42	U16AE504	MOHAMMED ARSHAD SAMEER F
43	U16AE701	SHAIK GAFOOR
44	U16AE704	MEDIDARAJU VIGNENKUMAR RAJU
45	U16AS001	SARATH KUMAR S
46	U16AS002	KESAVARAJU K V
47	U16AS006	VISHAVAK P S
48	U16AS007	RUMADE SHUBHAM NARAYAN
49	U16AS008	GONDAL PRANAY GOPAL
50	U16AS009	PUNITHAN A
51	U16AS010	ASHLIN KUMAR
52	U16AS501	KURAL ARASU L
53	U16AS502	DONTHA ADITYA
54	U17AE011	MANJUNADH ESHWAR P
55	U17AE012	PEREZHIL MUGUNDAN D
56	U17AE013	CHITTI SAI SRAVAN KUMAR
57	U17AE014	VALLALA MUKESH GOUD
58	U17AS018	KADIYAM MANIKANTA RAGHU
59	U17AS019	TASLEEMAA K

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Department of Aeronautical Engineering

Certificate of Participation

This acknowledges that

K GAMANA
U16AE037

Has undertaken 30 hours course on "INTRODUCTION TO EXPERIMENTS IN FLIGHT"
Organized by DEPARTMENT OF AERONAUTICAL ENGINEERING, BIHER FROM 24.01.2020 TO
04.02.2020.

MR. E. MAHAVISHNU, PROGRAM
COORDINATOR

HOD/AERO

Participant Feedback Form
(On course completion)

Date 04/02/2020

Course Introduction to Experiments in Flight

Student Name (optional) K. Gamana

Student ID (optional) U16AE037

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?

The registration process was smooth

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 room:

☑ Very satisfied   ☐ Satisfied   ☐ Somewhat satisfied   ☐ Not satisfied

4. Is there anything we can improve with any of the above?

No Comment.