



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

03/04/2022

Ref No: Cir/Aero/2022/028

CIRCULAR

This is to intimate the students that Value Added Program titled "Course on E-Airline Ticketing" is scheduled to be conducted from 08.04.2022. The course will be for a duration of 30 hours and will be conducted during weekends. Further Details can contact the Course Coordinator Dr.M.Sundararaj Assistant Professor Department of aeronautical Engineering.

Copy to:

1. Copy to All school of Engineering
2. Copy to Dean Engineering
3. Copy to Pro-VC
4. Copy to Office
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M. Sundararaj
HOD/Aero

Dr. M. SUNDARARAJ, M.E., Ph.D.,
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Department of Aeronautical Engineering
Bharath Institute of Higher Education & Research
(Declared as Deemed to be University U/S 3 of UGC Act 1956)
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Sharath

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)

Department of Aeronautical Engineering

Value Added Course
Courses on E-Airline Ticketing

Objective :

To provide a document by an airline or a travel agency, to confirm that an individual has purchased a seat on a flight on an aircraft. The course reveals many airline ticketing concepts such as travel agency management, ticketing, boarding, ticketing process and so on. The course is good for the job point of view as after passing it students have abundant opportunities in the civil aviation sector both government and private.

Course Co-ordinator: Dr.M.Sundararaj

COURSE LAYOUT

SNO	Date	Course Content	Duration	Instructor
1	08.04.2022(FN)	Air Travel Geography	3 Hours	Mr.S.Ramesh , JE Airport Authority of india
2	08.04.2022(AN)	Global Indicators	3 Hours	Mr.S.Ramesh , JE Airport Authority of india
3	15.04.2022(FN)	Airport & Airline Codes	3 Hours	Mr.S.Ramesh , JE Airport Authority of india
4	15.04.2022(AN)	Air Travel Terminology	3 Hours	Mr.S.Ramesh , JE Airport Authority of india
5	22.04.2022 (FN)	Fares & Ticketing Terminology, Making Reservations	3 Hours	Mr.S.Ramesh , JE Airport Authority of india
6	22.04.2022 (AN)	Fare & SSR Codes, Season Codes	3 Hours	Mr.S.Ramesh , JE Airport Authority of india
7	29.04.,2022(FN)	Electronic Ticketing	3 Hours	Mr.S.Ramesh , JE Airport Authority of india
8	29.04.2022 (AN)	Ticket Notices	3 Hours	Mr.S.Ramesh , JE Airport Authority of india

9	30.04.2022(FN)	Payment Modes, Currency & Taxes, Making Reservations	3 Hours	Mr.S.Ramesh , JE Airport Authority of india
10	30.04.2022(AN)	Passports & Visas, Foreign Exchange	3 Hours	Mr.S.Ramesh , JE Airport Authority of india

BOOKS AND REFERENCES

1	Air Transport Authors: Dr. John Bowen and Dr. Jean-Paul Rodrigue
2	Geography and Air Transport Hardcover – Import, 19 September 1995
3	Flight Reservation And Airline Ticketing, Jitendra K. Sharma
4	Foreign Exchange: A Practical Guide to the FX Markets, by Tim Weithers



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Selaiyur, Chennai-600 073. INDIA



Department of Aeronautical Engineering

Value Added Course

Course on E-Airline Ticketing

List of students Registered on 08.04.2022

SNO	Reg NO	Name of the Student
1	U15AE001	NAGANANDAN A
2	U15AE009	CHITTOJI THANMAYI
3	U15AE013	DIVYA A
4	U15AE025	MD ALAM
5	U15AE020	KARRI ASHOK KUMAR REDDY
6	U15AE017	GANDLA SAI KEERTHANA
7	U15AE026	MD MUDEE ALAM
8	U15AE033	PERCIYALA
9	U15AE036	ROSELIN L
10	U15AE039	SAMPATHARAO PARDHU
11	U15AE046	TYAGARAJAN BHAVANI SHANKAR
12	U15AE051	JAKKULA RAM SARATH YADAV
13	U15AE052	MANE JERMIAH
14	U15AE060	MUHAMMAD RAAZEE
15	U15AE067	ROHAN SRIKAR REDDY
16	U15AE054	ANBARASAN
17	U15ME001	ABDULKALAM
18	U15ME007	AGASH RAJ
19	U15ME009	AJAY Yadav
20	U15ME012	AKTHAR
21	U15ME022	ARIVARASU
22	U15ME013	AKULA ANJI BABU
23	U15ME024	ARUN KUMAR
24	U15ME038	BALAMURALIDHARAN
25	U15ME032	ATHKEM NARENDRA GOUD
26	U14MT001	ABHISHEK .S
27	U14MT007	BHUVANESKANNAN.R
28	U14MT013	PRAVEEN.N
29	U14MT016	RAJESH.P
30	U14MT017	RAMAKANTH.S



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Participant Feedback Form

(On course completion)

Date 30/4/2022

Date 30/4/2022

Course Course on e-Airline ticketing

Student Name (optional) Anu kumar

Student ID (optional) DISME024

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?

Satisfied overall

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?

All is well

Participant Feedback Form

(On course completion)

Date 30/04/2022

Course On E. Airline Ticketing

Student Name (optional) SAMPATHAROPARDHU

Student ID (optional) VI5AE039

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?

Good

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?

Well Organized



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Department of Aeronautical Engineering

Certificate

OF PARTICIPATION

THIS IS CERTIFY THAT

ABHISHEK .S

has undertaken 30 Hours course on "**Courses on E-Airline Ticketing**"
Organized by Department of Aeronautical Engineering, BIHER from 08.04.2022
to 30.04.2022

Convenor

HOD/Aero



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Department of Aeronautical Engineering

Certificate OF PARTICIPATION

THIS IS CERTIFY THAT

ROHAN SRIKAR REDDY

has undertaken 30 Hours course on "**Courses on E-Airline Ticketing**"
Organized by Department of Aeronautical Engineering, BIHER from 08.04.2022
to 30.04.2022.

Convenor

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BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF AERONAUTICAL ENGINEERING

Department of Aeronautical Engineering
Value Added Course

Courses on E-Airline Ticketing

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Our Instructor Mr.S.Ramesh , JE Airport Authority of india” is Handling the session to our registered participants on Air Travel Terminology



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DEPARTMENT OF AERONAUTICAL ENGINEERING



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

13/02/2022

Ref No:Cir/Aero/2022/018

CIRCULAR

This is to intimate the students that Value Added Program titled “Energy Conservation & Audit ” is scheduled to be conducted from 18.02.2022 . The course will be for a duration of 30 hours and will be conducted during weekends. Further Details can contact the Course Coordinator Mrs.Divyabharathi Assistant Professor Department of aeronautical Engineering.

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Department of Aeronautical Engineering

Value Added Course

Energy Conservation & Audit

List of students Registered on 18.02.2022

SNO	Reg NO	Name of the Student
1	U15AE003	AMUTHAN A
2	U15AE006	BANDARU KOTA NAGENDRA SURESH
3	U15AE010	DASARI RUFUS
4	U15AE015	ERLA NAVEEN KUMAR
5	U15AE019	ISHANT DUBEY
6	U15AE024	KUSUNURI JYOTHI SAI PAVAN
7	U15AE030	NINGKHANRIN N G
8	U15AE032	PAVULURI MOHITH CHOWDARY
9	U15AE035	RAVILLA VISHNU VARADHAN NAIDU
10	U15AE043	SWATHITH K S
11	U15AE042	SHIVA SHANKAR V N
12	U15AE048	BIKASH BORADO
13	U15AE053	PALLEKONDU SIRISHA
14	U15AE057	DIVYA C
15	U15AE058	SOBIN RAJ M
16	U15AE059	SANTHOSH RAJ K
17	U15ME004	ABISHEK AHI
18	U15ME005	ADHAV KRISHNA
19	U15ME002	ABHISHEK KUMAR
20	U15ME003	ABISHEK
21	U15ME014	ALLAPURAM AKHIL BALANARAYANA REDDY
22	U15ME019	ANKIT PAL
23	U15ME016	AMBATI ADI ESWAR REDDY
24	U15ME026	ARVINDH
25	U15ME035	BADAGALA
26	U15ME031	ASWIN
27	U15ME032	ATHKEM NARENDRA GOUD
28	U15ME036	BALAJI
29	U15ME038	BALAMURALIDHARAN
30	U15ME039	BASAVA GANESH REDDY
31	U15ME044	BODDA
32	U15ME045	BUDDANAGARI RAGHAVENDER REDDY
33	U15ME047	DASARI SURYA RAMANJANEYULU
34	U15ME051	DHANUSH NARAYANAN
35	U15ME052	DINESH
36	U15ME054	DONGA MANI BHASKAR
37	U15ME055	DONTHINA MOHAN VENKAT

38	U15ME056	DUVVARAPU
39	U15ME057	ESAKKI
40	U15ME058	ESWAR
41	U15ME059	FEHATH BASHA
42	U15ME090	KAITHEPALLI PAVAN KUMAR
43	U15ME218	SAMEER
44	U15ME510	GERSHOM SATHYADEV
45	U15ME511	BONAM SHANMUKA
46	U15ME516	VISHAL S
47	U15ME519	PRAVEEN KUMAR
48	U15ME520	ADITHYA
49	U15ME521	SAJJATH
50	U15ME522	AJAY



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Department of Aeronautical Engineering

Value Added Course

Energy conversion and Audit

Objective :

The theory should be taught and practical should be carried out in such a manner that students are able to acquire different learning outcomes in cognitive, psychomotor and affective domain to demonstrate following course outcomes.

- Identify the demand supply gap of energy in Indian scenario.
- Carry out energy audit of an industry/Organization.
- Draw the energy flow diagram of an industry and identify the energy wasted or a waste stream.
- Select appropriate energy conservation method to reduce the wastage of energy
- Evaluate the techno economic feasibility of the energy conservation technique adopted.

Course Co-ordinator: Mrs.Divyabharathi

COURSE LAYOUT

SNO	Date	Course Content	Duration	Instructor
1	18.02.2022 (FN)	Energy Audit Methodology and recent trends. General Philosophy, need of Energy Audit and Management, EC Act, Definition and Objective of Energy Management,	3 Hours	Mr.M.Manavalan Assistant Professor Department of Mechanical Engineering BIHER
2	18.02.2022 (AN)	General Principles of Energy Management. Energy Management Skills, Energy Management Strategy.	3 Hours	Mr.R.Sabarish Assistant Professor Department of Mechanical Engineering BIHER
3	19.02.2022 (FN)	Economics of implementation of energy optimization projects, it's constraints, barriers and limitations, Financial Analysis: Simple Payback, IRR, NPV, Discounted Cashflow;	3 Hours	Mr.M.Manavalan Assistant Professor Department of Mechanical Engineering BIHER
4	19.02.2022 (AN)	Energy Audit Methodology and recent trends. Report-writing, preparations and presentations of energy audit reports, Post monitoring of energy conservation projects, MIS,	3 Hours	Mr.M.Manavalan Assistant Professor Department of Mechanical Engineering BIHER

5	25.02.2022 (FN)	Case-studies / Report studies of Energy Audits. Guidelines for writing energy audit report, data presentation in report, findings recommendations, impact of renewable energy on energy audit recommendations. Instruments for Audit and Monitoring Energy and Energy Savings, Types and Accuracy. Case studies of implemented energy cost optimization projects in electrical utilities as well as thermal utilities.	3 Hours	Mr.M.Manavalan Assistant Professor Department of Mechanical Engineering BIHER
6	25.02.2022 (AN)	Electrical Distribution and Utilization: Electrical Systems, Transformers loss reductions, parallel operations, T & D losses, P.F. improvements, Demand Side management (DSM), Load Management, Harmonics & its improvements,	3 Hours	Mr.M.Manavalan Assistant Professor Department of Mechanical Engineering BIHER
7	01.03.2022 (FN)	Energy efficient motors and soft starters, Automatic power factor Controllers, Variable speed drivers, Electronic Lighting ballasts for Lighting, LED Lighting, Trends and Approaches. Study of 4 to 6 cases of Electrical Energy audit and	3 Hours	Mr.M.Manavalan Assistant Professor Department of Mechanical Engineering BIHER
8	01.03.2022 (AN)	(Power factor improvement, Electric motors, Fans and blowers, Cooling Towers, Industrial/Commercial Lighting system, etc.)	3 Hours	Mr.M.Manavalan Assistant Professor Department of Mechanical Engineering BIHER

9	02.03.2022 (FN)	<p>Thermal Systems : Boilers- performance evaluation, Loss analysis, Water treatment and its impact on boiler losses, integration of different systems in boiler operation. Advances in boiler technologies, FBC and PFBC boilers, Heat recovery Boilers- it's limitations and constraints. Furnaces- Types and classifications, applications, economics and quality aspects, heat distributions, draft controls, waste heat recovering options, Furnaces refractory- types and sections. Thermic Fluid heaters, need and applications, Heat recovery and its limitations. Insulators- Hot and Cold applications, Economic thickness of insulation, Heat saving and application criteria. Steam Utilization Properties, steam distribution and losses, steam trapping,</p>	3 Hours	Mr.R.Sabarish Assistant Professor Department of Mechanical Engineering BIHER
10	02.03.2022 (AN)	<p>System Audit of Mechanical Utilities: Pumps, types and application, unit's assessment, improvement option, parallel and series operating pump performance. Energy Saving in Pumps & Pumping Systems. Bloomers (Blowers) types & application, its performance assessment, series & parallel operation applications & advantages. Energy Saving in Blowers Compressors, types & applications, specific power consumption, compressed air system, & economic of system changes. Energy Saving in Compressors & Compressed Air Systems Cooling towers, its types and performance assessment & limitations, water loss in cooling tower. Energy Saving in Cooling Towers .Study of 4 to 6 cases of Energy Audit & Management in Industries (Boilers, Steam System, Furnaces, Insulation and Refractory, Refrigeration and Air conditioning, Cogeneration, Waste Heat recovery etc.)Study of Energy Audit reports for various Industries and Organizations</p>	3 Hours	Mr.M.Manavalan Assistant Professor Department of Mechanical Engineering BIHER

BOOKS AND REFERENCES

1	Guide Books no. 1 to 4 for National Certification Examination for Energy Managers and Energy Auditors, Bureau of Energy Efficiency (BEE), Bureau of Energy Efficiency (A Statutory body under Ministry of Power, Government of India) (Fourth Edition 2015)
2	India – The Energy Sector; Henderson, P. D.; University Press, Delhi, 2016 ISBN: 978-0195606539
3	Energy Management Handbook Turner, W. C. ; Fairmount Press, 2012 ISBN 9781304520708
4	Energy Management and Conservation Sharma, K. V., Venkateshaiah; P. I K International Publishing House Pvt. Ltd; 2011 ISBN 9789381141298
5	Principles of Power System Mehta ,V. K. S. Chand &Co.New Delhi 2016 ISBN 9788121905947



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Participant Feedback Form

(On course completion)

Date 02/03/2022

Course Energy Conservation & Audit

Student Name (optional) Sajiath

Student ID (optional) U15ME521

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?

.....

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?

More ppt's & videos

.....

Participant Feedback Form

(On course completion)

Date ..02-03-2022.....

CourseEnergy Conservation and Audit.....

Student Name (optional)C. Divya.....

Student ID (optional)UISAE057.....

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?

.....Can make it online process.....

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?

.....



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Department of Aeronautical Engineering

Certificate OF PARTICIPATION

THIS IS CERTIFY THAT
NINGKHANRIN N G

has undertaken 50 Hours course on "**Energy Conservation & Audit**"
Organized by Department of Aeronautical Engineering, BIHER from 18.02.2022
to 02.03.2022.

Convenor

HOD/Aero



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BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF AERONAUTICAL ENGINEERING

Department of Aeronautical Engineering

Value Added Course

Energy conversion and Audit



Our Instructor " Mr.M.Manavalan Assistant Professor Department of Mechanical Engineering BIHER" is Handling the session to our registered participants on Energy Audit Methodology and recent trends



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

05/01/2022

Ref No:Cir/Aero/2022 /002

CIRCULAR

This is to intimate the students that Value Added Program titled "Introduction to Aero Modeling" is scheduled to be conducted from 16.01.2022 . 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.

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Department of Aeronautical Engineering

Value Added Course

Introduction to Aero Modeling

List of students Registered on 16.01.2022

SNO	Reg NO	Name of the Student
1	U15AE002	AJAY S
2	U15AE005	ARUP RATAN PARAMANIK
3	U15AE007	BOJJA MANOJ KUMAR
4	U15AE018	VASUDEVA REDDY I
5	U15AE016	GADDAM MADHUSUDHAN REDDY
6	U15AE021	KARTHIKEYAN R
7	U15AE028	MOPOORI BHARATH KUMAR
8	U15AE027	MERLIN TERESA P
9	U15AE038	KARISHMA CHANDINI S
10	U15AE044	SWETHA R
11	U15AE045	PEEMMASANI HANUMANTH RAO
12	U15AE049	YALAMARTHI SRAVANI
13	U15AE054	ANBARASAN
14	U15AE061	MOHAMMAD ALAM K A
15	U15AE056	ARUN KUMAR D
16	U15AE063	VITTAL ZAHID AHMED
17	U15ME006	ADHITHYAN
18	U15ME010	AKASH
19	U15ME018	ANISH
20	U15ME020	ANUP KUMAR SRIVASTAWA
21	U15ME023	ARUN
22	U15ME027	ASHISH PATEL
23	U15ME029	ASWIN GOPI
24	U15ME501	YUSUF MUBIN
25	U15ME502	VAROON
26	U15ME503	PADALA ROHITH GOUD
27	U15ME505	RAASHIK RAJA
28	U15ME506	ASAWTH
29	U15ME507	JEROME ANTON
30	U15ME508	RAJAVELU CHERVAI



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Department of Aeronautical Engineering

Value Added Course

Introduction to Aero Modelling

Objective :

Aeromodelling refers to the event of model aircrafts that will be static (made just for show, cannot fly) or purposeful (made for flying or gliding). Model aircrafts are the main scaled down versions of globe plane. These models are static or dynamic (that is that they're going to either fly or glide). The materials used for manufacturing such model airplanes square measure cinnamene, foam, balsa and building material. Completely different techniques are enforced for constructing models as per their functions. In this course, participants will understand the construction and working of aero model parts, and makes individuals to build a complete wireless controlled Aero model and receive a comprehensive overview of model aircraft systems and the subsystems that comprise them.

PRE-REQUISITES: Current students of Under Graduate engineering and current post graduate science students

Course Co-ordinator: Mr.S.R.Vimalraj

COURSE LAYOUT

S No	Date	Course Content	Duration	Instructor
1	16.01.2022 (FN)	Level - 1 Principles of Flight (Fixed wing / Rotary wing)	3 Hour	Dr.S.Elangovan, Professor & Dean Department of Aeronautical Engineering- BIHER
2	21.01.2022 (FN)	Level - 1 Special capabilities of Helicopters	2 Hours	Mr.M.Ramakrishna Assistant Professor Tagore Engineering college
3	21.01.2022 (AN)	Level - 1 R/C aircraft power source	3 Hour	Dr.S.Elangovan, Professor & Dean Department of Aeronautical Engineering- BIHER

4	22.01.2022 (FN)	Level - 1 Airfield Layouts and Flying Principles	2 Hours	Mr.M.Ramakrishna Assistant Professor Tagore Engineering college
5	22.01.2022 (AN)	Level 2- Aeromodel Construction Basics	3 Hour	Dr.S.Elangovan, Professor & Dean Department of Aeronautical Engineering- BIHER
6	28.01.2022 (FN)	Level 2 - Design of electronic systems	2 Hours	Dr.S.Elangovan, Professor & Dean Department of Aeronautical Engineering- BIHER
7	28.01.2022 (AN)	Level 2- Pre-flight check	3 Hours	Dr.S.Elangovan, Professor & Dean Department of Aeronautical Engineering- BIHER
8	29.01.2022 (FN)	Level 3 - Aeromodel propulsion systems	2 Hours	Mr.M.Ramakrishna Assistant Professor Tagore Engineering college
9	29.01.2022 (AN)	Level 3 Attitude control systems	2 Hours	Mr.M.Ramakrishna Assistant Professor Tagore Engineering college
10	05.02.2022 (FN)	Level 3 Power management	2 Hours	Mr.M.Ramakrishna Assistant Professor Tagore Engineering college
11	05.02.2022 (AN)	Level 3 Digital signal transmission	3 Hours	Dr.S.Elangovan, Professor & Dean Department of Aeronautical Engineering- BIHER
12	06.02.2022 (FN)	Level 3 Fabrication and final Setup	3 Hours	Mr.M.Ramakrishna Assistant Professor Tagore Engineering college

BOOKS AND REFERENCES

1	Lennon, A., "Basics of R/C Model Aircraft design: Practical Techniques for Building Better Models", Air Age media, September 1996, ISBN-13: 978-0911295405
2	Simmons, M., "Model Aircraft Aerodynamics, Fourth Edition," (Chris Lloyd Sales & Marketing, March 3, 2000), ISBN-13: 978-1854861900
3	Anderson Jr, J.D., "Fundamentals of Aerodynamics, 5th edition, (McGraw-Hill Education, February 12, 2010), ISBN-13: 978-0073398105
4	University of Maine, SAE Aero Capstone Group, "Design, Construction and Testing of a Remote Operation Heavy - Lift Model Aircraft," https://mhmberry.files.wordpress.com/2015/03/umaine-sae-aero-design-finalreport.pdf , accessed Dec. 2015
5	MIT Open Course Ware, "Basic Aircraft Design Rules," http://ocw.mit.edu/courses/aeronautics-and-astronautics/16-01-unified-engineering-iii-iii-iv-fall-2005-spring-2006/systems-labs-06/spl8.pdf , accessed Jan. 2016



M. Sundararaj

Dr. M. SUNDARARAJ, M.E., Ph.D.,
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



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed-to-be-University under section 3 of UGC Act 1956)
BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF AERONAUTICAL ENGINEERING

Department of Aeronautical Engineering
Value Added Course
Introduction to Aero Modelling



Our Instructor "Mr.M.Ramakrishna Assistant Professor Tagore Engineering college" is Handling the session to our registered participants on Level 3 Attitude control systems

Participant Feedback Form

(On course completion)

Date 6/2/22

Course Introduction to Aeromodelling

Student Name (optional) Abash

Student ID (optional) U15ME010

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?

Try to make online process

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?

NIC

Participant Feedback Form

(On course completion)

Date 06/02/2022

Course INTRODUCTION TO AEROMODELLING

Student Name (optional) ANBARASAN

Student ID (optional) U15AE056

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?

NO NEED, MAINTAIN THE SAME.

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:

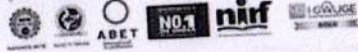
Very satisfied Satisfied Somewhat satisfied Not satisfied

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

NO



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Department of Aeronautical Engineering

Certificate

OF PARTICIPATION

THIS IS CERTIFY THAT

GADDAM
MADHUSUDHAN REDDY

has undertaken 30 Hours course on "Introduction to Aero Modeling" Organized by Department of Aeronautical Engineering, BIHER from 16.1.2022 to 06.02.2022.

Convenor

HOD/Aero



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DEPARTMENT OF AERONAUTICAL ENGINEERING



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

06/03/2022

Ref No:Cir/Aero/2022/018

CIRCULAR

This is to intimate the students that Value Added Program titled "Introduction to Project Management Principles and Practices" is scheduled to be conducted from 17.03.2022 . The course will be for a duration of 30 hours and will be conducted during weekends. Further Details can contact the Course Coordinator Mr.A.Syedhaleem Assistant Professor Department of aeronautical Engineering.

Copy to:

1. Copy to All school of Engineering
2. Copy to Dean Engineering
3. Copy to Pro-VC
4. Copy to Office
5. Copy to IQAC



M. Sundararaj
HOD/Aero

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HOD
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Department of Aeronautical Engineering

Value Added Course

Introduction to Project Management Principles and Practices

List of students Registered on 17.03.2022

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	U15ME008	AGATHIYAN
18	U15ME011	AKIRI VENKATESH
19	U15ME015	ALTAF HUSAIN
20	U15ME017	ANANTH
21	U15ME021	ARAVIND
22	U15ME025	ARUN
23	U15ME031	ASWIN
24	U15ME169	PARANI SUNDAR
25	U15ME170	PARIPALLI
26	U15ME172	PARUPALLI
27	U15ME174	PITCHIKA JYOTHI SWAROOP
28	U15ME175	POTNURU
29	U15ME177	PRABU
30	U15ME178	PRANAV
31	U15ME179	PRANAV
32	U15ME184	PRINCE KUMAR
33	U15ME185	PURUSHOTHAMARAO
34	U15ME186	PUTTANA NAVEEN KUMAR REDDY
35	U15ME187	PUTTURU
36	U15ME188	ANANTH KUMAR
37	U15ME189	PONMOORTHY

38	U15ME701	GILL JEFIRIN
39	U15ME702	SARAVANAN
40	U15ME703	SATHISH
41	U15ME704	ARUNKUMAR
42	U15ME705	DIVINO
43	U15ME706	GOKUL
44	U15ME192	KAMESH
45	U15ME194	RAJADURAI



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Sharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-52000-U.3)

Department of Aeronautical Engineering

Value Added Course

Introduction to project management principles and practices syllabus

Objective :

Identify the five process groups and nine knowledge areas Identify the role and responsibilities of the project manager and project team. □Draft a project scope statement. □Create a work breakdown structure. □Develop a project schedule. □Identify the resource needs of the project and develop a cost baseline. □Recognize the components of a project's quality management plan. □Identify project stakeholders and determine their information needs. □Perform a basic project risk assessment. □Define the key elements needed to measure and report on project scope, schedule, and cost performance. □Identify and analyze changes to project scope.

PRE-REQUISITES: No Pre-requisites

Course Co-ordinator: Mr.A.Syeehdaleem

COURSE LAYOUT

SNO	Date	Course Content	Duration	Instructor
1	17.03.2022	<i>Management: Introduction, Need for Project Management, Project Management Knowledge Areas and Processes, The Project Life Cycle,</i>	3 Hours	Dr.Praveen Professor and Head Department of MBA BIHER
2	18.03.2022(FN)	<i>The Project Manager (PM), Phases of Project Management Life Cycle, Project Management Processes, Impact of Delays in Project Completions, Essentials of Project Management Philosophy,</i>	3 Hours	Dr.Praveen Professor and Head Department of MBA BIHER
3	18.03.2022(AN)	<i>Project Management Principles Project Identification and Selection: Introduction, Project Identification Process, Project Initiation, Pre-Feasibility Study, Feasibility Studies, Project Break-even point</i>	3 Hours	Dr.Praveen Professor and Head Department of MBA BIHER

4	24.03.2022(FN)	<i>Project Planning: Introduction, Project Planning, Need of Project Planning, Project Life Cycle, Roles, Responsibility and Team Work, Project Planning Process,</i>	3 Hours	Dr.Praveen Professor and Head Department of MBA BIHER
5	24.03.2022(AN)	Work Breakdown Structure (WBS) Organisational Structure and Organisational Issues: Introduction, Concept of Organisational Structure,	3 Hours	Dr.Praveen Professor and Head Department of MBA BIHER
6	31.03.2022(FN)	Roles and Responsibilities of Project Leader, Relationship between Project Manager and Line Manager, Leadership Styles for Project Managers, Conflict Resolution, Team Management and Diversity Management, Change management	3 Hours	Dr.Praveen Professor and Head Department of MBA BIHER
7	31.03.2022(AN)	<i>PERT and CPM: Introduction, Development of Project Network, Time Estimation, Determination of the Critical Path, PERT Model, Measures of variability, CPM Model, Network Cost System. Resources Considerations in Projects: Introduction, Resource Allocation, Scheduling, Project Cost Estimate and Budgets, Cost Forec</i>	3 Hours	Dr.Praveen Professor and Head Department of MBA BIHER

8	07.04.2022(FN)	<p><i>Project Risk Management:</i> Introduction, Risk, Risk Management, Role of Risk Management in Overall Project Management, Steps in Risk Management, Risk Identification, Risk Analysis, Reducing Risks. Project Quality Management and Value Engineering: Introduction, Quality, Quality Concepts, Value Engineering Project Management Information System: Introduction, Project Management Information System (PMIS), Planning of PMIS, Design of PMIS</p>	3 Hours	Dr.Praveen Professor and Head Department of MBA BIHER
9	07.04.2022(AN)	<p>Purchasing and Contracting for Projects: Introduction, Purchase Cycle, Contract Management, Procurement Process, Project Performance Measurement and Evaluation: Introduction, Performance Measurement, Productivity, Project Performance Evaluation, Benefits and Challenges of Performance Measurement and Evaluation, .</p>	3 Hours	Dr.Praveen Professor and Head Department of MBA BIHER
10	08.04.2022(FN)	<p>Controlling the Projects, Project Execution and Control: Introduction, Project Execution, Project Control Process, Purpose of Project Execution and Control, Project Close-out, Termination and Follow-up: Introduction, Project Close-out, Steps for Closing the Project, Project Termination, Project Follow-up, Case Studies in Project Management</p>	3 Hours	Dr.Praveen Professor and Head Department of MBA BIHER

BOOKS AND REFERENCES

1	A Guide to the Project Management Body of Knowledge (PMBOK® Guide) 4th Edition, Project Management Institute, Newtown Square, PA, 2008.
2	Textbook Of Project Management, ISBN - 10 :9351380882, V.E.Ramamoorthy P.Gopalakrishnan
3	GUIDE TO PROJECT MGMT BODY OF KNOWLEDGE, Book - ISBN: 9781935589679 PROJECT MG, 5 ed, PROJECT MANAGEMENT INSTITUTE



M. Soodley
Dr. M. SUNDARARAJ, M.Sc., Ph.D.,
 HOD
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Participant Feedback Form

(On course completion)

Date

08/04/2022

Course

Introduction to project management principle & practice

Student Name (optional)

pranav

Student ID (optional)

U15ME178

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?

Well organised.

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?

Good.

Participant Feedback Form

(On course completion)

Date 08/04/2022

Course Introduction to Project Management Principle & practise.

Student Name (optional) Aravindan A

Student ID (optional) VISA E 004

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?

online mode could have better

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?

Nothing



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Department of Aeronautical Engineering

Certificate

OF PARTICIPATION

THIS IS CERTIFY THAT
PULUSU PARDHU SREE

has undertaken 45 Hours course on "**Introduction to Project Management Principles and Practices**" Organized by Department of Aeronautical Engineering, BIHER from 18.03.2022 to 08.04.2022.

Convener

HOD/Aero



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Department of Aeronautical Engineering

Value Added Course

Introduction to project management principles and practices syllabus



Our Instructor "Dr.Praveen Professor and Head Department of MBA BIHER" is Handling the session to our registered participants on Project Management Principles Project Identification