



# 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



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

Dr. M. SUNDARARAJ, M.E., Ph.D.,  
HOD  
Department of Aeronautical Engineering  
Bharath Institute of Higher Education & Research  
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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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## 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*  
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 Selayur, Chennai-600 073. INDIA

# 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**

## **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**