



# Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH  
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

## Requisition Letter

Date: 01.08.2018

From

The HOD,  
Department of Mechanical Engineering,  
Bharath Institute of Higher Education and Research,  
Selaiyur, Chennai.

To

The Dean Engineering,  
Bharath Institute of Higher Education and Research,  
Selaiyur, Chennai.

Respected Sir,

Sub: Requisition for conducting Value added course – reg.

School of Mechanical Sciences has planned to conduct Value added course entitled “Design Fundamentals” on 06/08/2018 to 13.08.2018. In this regard we kindly request you to grant permission for the same.

Thanking You

  
HOD/MECH

  
Dean Engineering  
DEAN (Engineering)  
Bharath Institute of Science & Technology  
BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH  
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)  
Selaiyur, Chennai-600 073.



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Date: 01.08.2018

**Department of Mechanical Engineering**

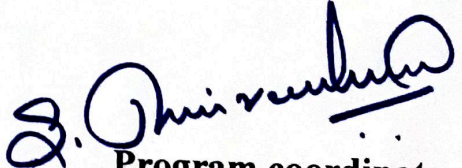
**Circular**

The of Department of Mechanical Engineering, BIHER is glad to conduct five days value added course entitled "*Design Fundamentals*" from 06.08.2018 to 13.08.2018 for 30 hours. Those who are interested to participate do register your name to the program coordinator.

The registered students must attend all the classes without fail. Students who have completed the course successfully with good score will get the course completion certificate from the institute/Department.

**Resource person: Mr.K.Selvakumar and Mr.R.Hariharan**

Maximum no. of registration allowed – 60.

  
Program coordinator

Mr.S.Thirumavalavan

Mr.V.P.Durairaj



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**Department of Mechanical Engineering**

**Design Fundamentals**

**OBJECTIVE:**

- The aim of the subject is to provide make the students to understand the Design Fundamentals.
- To understand elements and principles of art and design
- Develop an understanding of the application of art principles in design composition of traditional and contemporary architecture, textiles and interior design.

**MODULE 1**

Design definition and types (structural & decorative). Elements and design :point ,line,shape,form

Light:characterstics and classification.

Study of colours :classification ,dimensions ,colour schemes and effect.

**(10Hrs) [DAY: 1]**

**[DAY: 2]**

Contrast & Harmony ,Figure: ground relationship, grouping of figures, elements by spatial tension & likeness basis , Unity in diversity or variety , Balance ,Movement ,Proportion or scale , Rhythm . Dominance or subordination

**[DAY: 3]**

Historical Evolution of Art Primitive, classic, modern art movements and evolution.

**MODULE II**

Understand elements and principles of art and design, learn to appreciate art, Develop an understanding to the application of art principles in design composition of traditional and contemporary art, architecture and textile

in interior design. Develop skill in creating designs and making art objects.

**(5 Hrs)**

**[DAY: 4]**

### **MODULE III**

**[DAY: 5]**

To learn the technical skills to present drawing to impress the clients. • To know the concept of designing 2  
3d views of the furniture & rooms.

**(10 Hrs)**

### **MODULE IV**

**[DAY: 6]**

**(5 Hrs)**

To Practically understand the function of important building materials • Their quality perception and their  
various application and use at work sites



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Department of Mechanical Engineering  
One Week Value added Program on "Design Fundamentals" 6<sup>th</sup> to 13<sup>th</sup> Aug 2018

Date	Morning Session (9 AM – 12 PM)	Afternoon Session (1:30 PM – 3:30 PM)
06 – 08 – 2018 (Monday)	Program Inauguration <b>Mr.K.Selvakumar</b> Design definition and types (structural & decorative)	<b>Mr.R.Hariharan</b> Light: characteristics and classification.
07 – 08 – 2018 (Tuesday)	<b>Mr.R.Hariharan</b> Study of colours : classification ,dimensions ,colour schemes and effect.	<b>Mr.K.Selvakumar</b> Contrast & Harmony ,Figure: ground relationship, grouping of figures.
08 – 08 – 2018 (Wednesday)	<b>Mr.K.Selvakumar</b> Historical Evolution of Art Primitive, classic, modern art movements and evolution.	<b>Mr.R.Hariharan</b> Understand elements and principles of art and design, learn to appreciate art
09 – 08 – 2018 (Thursday)	<b>Mr.R.Hariharan</b> Develop an understanding to the application of art principles in design composition of traditional and contemporary art, architecture and textiles in interior design.	<b>Mr.K.Selvakumar</b> Develop skill in creating designs and making art objects.
10 – 08 – 2018 (Friday)	<b>Mr.K.Selvakumar</b> technical skills to present drawing to impress the clients	<b>Mr.R.Hariharan</b> concept of designing 2d & 3d views of the furniture & rooms.
13 – 08 – 2018 (Monday)	<b>Mr.R.Hariharan</b> Practically understand the function of important building materials	<b>Mr.K.Selvakumar</b> quality perception and their various application and use at work sites  <i>Quiz/ Feedback / valedictory Session</i>

Program Coordinator:

Assistant Professor,

Mr.S.Thirumavalavan  Mr.V.P.Durairaj

E-Mail: [vpdurairaj57@gmail.com](mailto:vpdurairaj57@gmail.com)

[goldenrenjith.mech@bharathuniv.ac.in](mailto:goldenrenjith.mech@bharathuniv.ac.in)



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## FEEDBACK FORM

- ❖ As part of a continuing improvement process, our college appreciates suggestions and inputs regarding the institution. We request you to sincerely answer these questions under assurance of complete confidentiality. Your interest in making our institution better is greatly appreciated.

Name of Department : ..... *Mechanical Engg.* .....  
Date : ..... *6.08.2018* .....  
Event / Speaker Name : ..... *Design fundamentals.* .....

- Please rate the session on the scale indicated. Your comments are most appreciated.

S.NO	Parameters	Below Average	Average	Good	Excellent	Outstanding
1.	<b>The Topic</b>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	The choice of topic was relevant to me				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.	<b>The Lecturer / Speaker</b>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Self-confidence					<input checked="" type="checkbox"/>
	Communication skills					<input checked="" type="checkbox"/>
	Doubts/ queries were answered satisfactorily				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.	<b>The Content (Topic)</b>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Refers to latest developments in the field				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Career oriented				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Innovative learning, if any					<input checked="" type="checkbox"/>

- Overall, how would you rate this Guest Lecture / Workshop / Seminar / Event/Value added course?

1. Below Average	2. Average	3. Good	4. Excellent	5. Outstanding
			<input checked="" type="checkbox"/>	

- Comments (If any): *More knowledge sharing.*  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# **Bharath Institute of Higher Education and Research**

## **CERTIFICATE OF PARTICIPATION**

**This certificate goes to**

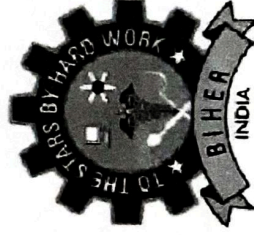
***C. Dinesh***

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for successfully completing the Value Added Course on  
"DESIGN FUNDAMENTALS" conducted by the School of  
Mechanical Engineering during the month of Aug 2018.

*Chinnabhanu Vij*

**VAC CO-ORDINATOR**



*[Signature]*

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**HOD MECHANICAL**



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## Attendance sheet

S.No	Name	Register No.	Department
1	AVULA GURUNATH	U15ME033	Mechanical Engineering
2	AVULA SAIRAM	U15ME034	Mechanical Engineering
3	BHARATH KUMAR S	U15ME042	Mechanical Engineering
4	BODDA DINESH	U15ME044	Mechanical Engineering
5	BUDDANAGARI RAGHAVENDER REDDY .	U15ME045	Mechanical Engineering
6	DASARI SURYA RAMANJANEYULU .	U15ME047	Mechanical Engineering
7	DEVA D	U15ME049	Mechanical Engineering
8	DHANUSH NARAYANAN M	U15ME051	Mechanical Engineering
9	DINESH C	U15ME052	Mechanical Engineering
10	DINESHKUMAR S	U15ME053	Mechanical Engineering
11	DONTHINA MOHAN VENKAT .	U15ME055	Mechanical Engineering
12	ESAKKI P	U15ME057	Mechanical Engineering
13	ESWAR K	U15ME058	Mechanical Engineering
14	PADALA ROHITH GOUD .	U15ME503	Mechanical Engineering
15	RAJAVELU CHERVAI R	U15ME508	Mechanical Engineering
16	GERSHOM SATHYADEV S	U15ME510	Mechanical Engineering
17	BONAM SHANMUKA NAGA	U15ME511	Mechanical Engineering
18	VISHAL S	U15ME516	Mechanical Engineering
19	PRAVEEN KUMAR M	U15ME519	Mechanical Engineering
20	SAJJATH C	U15ME521	Mechanical Engineering
21	SRIKRISHNA S	U15ME524	Mechanical Engineering
22	GAMBALI SANTHAN	U15ME060	Mechanical Engineering
23	GANESH KUMAR E.A	U15ME061	Mechanical Engineering
24	GEESURU AKSHITH REDDY .	U15ME063	Mechanical Engineering
25	GEORGE VINSER A	U15ME064	Mechanical Engineering
26	GIMKALA NAVEEN KUMAR .	U15ME065	Mechanical Engineering
27	GOBIANANTH P	U15ME066	Mechanical Engineering
28	GOKULAKRISHNAN D	U15ME067	Mechanical Engineering
29	GOLLAPROLU SRINUVAS	U15ME068	Mechanical Engineering
30	GOLLAVILLI MOHAN KUMAR .	U15ME069	Mechanical Engineering
31	GURAJALA SATISH VARMA .	U15ME070	Mechanical Engineering
32	GURRAMPATI NIRANJAN REDDY .	U15ME071	Mechanical Engineering
33	GUTURU SATWICK	U15ME072	Mechanical Engineering
34	HARIHARAN G	U15ME073	Mechanical Engineering
35	HULENDRA KUMAR .	U15ME077	Mechanical Engineering



36	INDELA VAMSI KRISHNA REDDY .	U15ME078	Mechanical Engineering
37	ISRAFIL ALI	U15ME079	Mechanical Engineering
38	HARI HARAN J	U15ME080	Mechanical Engineering
39	JAINU SAI RAM .	U15ME081	Mechanical Engineering
40	JAVID AMEEN A	U15ME083	Mechanical Engineering
41	JAYVIMALRAJA P R	U15ME085	Mechanical Engineering
42	JOHNSON.J J	U15ME088	Mechanical Engineering
43	KAIPU JAYAPRAKASHREDDY	U15ME089	Mechanical Engineering
44	KARRI YASWANTH SRINIVAS .	U15ME095	Mechanical Engineering
45	KARTHICK V	U15ME096	Mechanical Engineering
46	KARTHIK R	U15ME097	Mechanical Engineering
47	KAVALI SAI KUMAR .	U15ME100	Mechanical Engineering
48	KAVIN L	U15ME101	Mechanical Engineering
49	KISHOREKUMAR B	U15ME104	Mechanical Engineering
50	GIRIDAAR A	U15AM006	Automobile Engineering
51	EDULA VISHNU GOVARDHAN REDDY	U15AM007	Automobile Engineering
52	GANNI VINEETH SREE SAI	U15AM008	Automobile Engineering
53	KARTHIGAYAN P	U15MT005	Mechatronics Engineering
54	MOHAMMED IDRIS S	U15MT007	Mechatronics Engineering
55	OVIAN NICHOLAS	U15MT008	Mechatronics Engineering



# Bharath Institute of Higher Education and Research

[Declared Under Section 3 of UGC Act, 1956]

Chennai - 600 073

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## INTERNAL QUALITY ASSURANCE CELL (IQAC) DOCUMENTS SUBMISSION FORM

Date of Submission	05/09/2018
Type of Documents	Value Added Course
Description	Principles of Micro-Economics
Enclosures	a) Requestion letter
	b) circulars
	c) Curriculum
	d) Schedule
	e) Attendance sheet
	f) Feed back
	g) Certificate
	h) Photo image
No. of Pages	13
Submitted By	Name : <del>13</del> Mr. Arun V. Raju
	Designation : Assistant professor
	Department : Mechanical
	Signature :

### For Office Use Only

Verified By:	Dr. N. S. SENTHUR	Sign:	Date: 07/09/2018
Uploaded By:		Sign:	Date:
File Name:			

IQAC - BIHER