



Bharath

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

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Requisition Letter

Date: 01.03.2019

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.

Department of Mechanical Engineering has planned to conduct Value added course entitled “Energy Economics” from 04/03/2019 to 11.03.2019 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.



Date: 01.03.2019

Department of Mechanical Engineering

Circular

The of Department of Mechanical Engineering, BIHER is glad to conduct five days value added program entitled "*Energy Economics*" from 04.03.2019 to 11.03.2019 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.D.Ravi and Mr.K.Selvakumar

Maximum no. of registration Allowed – 60.

Program coordinator


Mr.R.Harihaaran


Mr.V.Jose Anand Vino



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Department of Mechanical Engineering

Energy Economics

OBJECTIVE:

To acquaint students with theoretical and empirical topics from the field of energy and related areas, specifically pertaining to demand, supply, prices, environmental consequences and associated regulatory issues.

MODULE 1

(10Hrs) [DAY: 1]

Introduction and Background - Review of the Basics of Supply, Demand and Price Formation in Competitive Markets - Energy Supply and the Economics of Depletable Resources - World Oil Markets and Energy Security.

[DAY: 2]

Coal - Nuclear Power - Energy Efficiency Policies - Renewable Energy Policies - comparative analysis of these markets from an India vs rest of the world perspective - The role of IREDA.

[DAY: 3]

Natural Gas Price Regulation, Deregulation and Markets - Evolution of the Electricity Market in India - Electricity Act (2003) - techniques specific to energy and electricity markets in India: Risk Management, Futures Markets and Derivatives.

MODULE II

(5 Hrs)

[DAY: 4]

Review of the Basics of Supply, Demand and Price Formation in Competitive Markets - Energy Supply and the Economics of Depletable Resources - World Oil Markets and Energy Security.

MODULE III

[DAY: 5]

(10 Hrs)

Energy and Climate Change - Pigouvian pricing - externalities - pricing externalities - Internalizing Environmental Externalities with a Focus on CO2 Emissions Cap and Trade Mechanism.

MODULE IV

[DAY: 6]

(5 Hrs)

Coal - Nuclear Power - Energy Efficiency Policies - Renewable Energy Policies - comparative analysis of these markets from an India vs rest of the world perspective - The role of IREDA .



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Department of Mechanical Engineering
One Week Value added Program on "Energy Economics"
4th Mar to 11th Mar 2019

Date	Morning Session (9 AM – 12 PM)	Afternoon Session (1:30 PM – 3:30 PM)
04 – 03 – 2019 (Monday)	Program Inauguration Mr.D.Ravi Introduction and Background - Review of the Basics of Supply, Demand and Price Formation.	Mr.K.Selvakumar Energy Supply and the Economics of Depletable Resources - World Oil Markets and Energy Security.
05 – 03 – 2019 (Tuesday)	Mr.K.Selvakumar Coal - Nuclear Power - Energy Efficiency Policies	Mr.D.Ravi Renewable Energy Policies
06 – 03 – 2019 (Wednesday)	Mr.D.Ravi comparative analysis of these markets from an India vs rest of the world perspective .	Mr.K.Selvakumar Natural Gas Price Regulation, Deregulation and Markets
07 – 03 – 2019 (Thursday)	Mr.K.Selvakumar techniques specific to energy and electricity markets in India: Risk Management, Futures Markets and Derivatives.	Mr.D.Ravi Review of the Basics of Supply, Demand and Price Formation in Competitive Markets
08 – 03 – 2019 (Friday)	Mr.D.Ravi Energy Supply and the Economics of Depletable Resources - World Oil Markets and Energy Security.	Mr.K.Selvakumar Coal - Nuclear Power - Energy Efficiency Policies - Renewable Energy Policies - comparative analysis of these markets from an India vs rest of the world perspective - The role of IREDA
11 – 03 – 2019 (Monday)	Mr.K.Selvakumar Energy and Climate Change - Pigouvian pricing	Mr.D.Ravi - Energy Supply and the Economics of Depletable Resources - World Oil Markets and Energy Security. <i>Quiz/ Feedback / valedictory Session</i>

Program Coordinator:

Assistant Professor

Mr. R. Harilal


Mr. V. Jose Anand Vino

E-Mail: vpdurairaj57@gmail.com

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 : ... 4/3/2019

Event / Speaker Name : ... Energy Economics

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

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

- 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
				✓

- Comments (If any):

Excellent Conduction of Program



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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 : MECHAYRONICS · ENGINEERING

Date : 4 · 03 · 2019

Event / Speaker Name : ENERGY · ECONOMICS

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

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

- 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
				✓

- Comments (If any):

This value added courses very informative in my career.

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CERTIFICATE OF PARTICIPATION

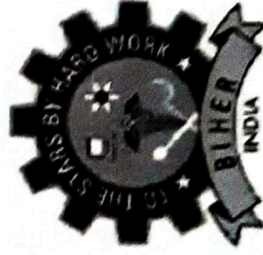
This is certify that

S. RAVIRAJAN

has participated in the Value Added Course titled "Energy Economics"
conducted by the School of Mechanical Engineering during the month of
March 2019.



VAC CO-ORDINATOR



HOD MECHANICAL



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Attendance sheet

S.No	Reg. No	Students Name	Department
1	U16ME002	DINESH KUMAR U	Mechanical Engineering
2	U16ME011	AJITH KUMAR S	Mechanical Engineering
3	U16ME012	MOHANRAJ R	Mechanical Engineering
4	U16ME014	RAVIRAJAN S	Mechanical Engineering
5	U16ME023	ARAVINDAN K	Mechanical Engineering
6	U16ME029	DINESH KUMAR M	Mechanical Engineering
7	U16ME031	ZHAKIRHUSSAIN S	Mechanical Engineering
8	U16ME033	SHERIN T MAMMEN	Mechanical Engineering
9	U16ME035	PARTHAN V	Mechanical Engineering
10	U16ME041	SUVODEEP RAKSHIT	Mechanical Engineering
11	U16ME049	MOHAMED ABDULLAH K	Mechanical Engineering
12	U16ME055	DEEPAK H	Mechanical Engineering
13	U16ME056	YOGESH P	Mechanical Engineering
14	U16ME059	JEFRON G	Mechanical Engineering
15	U16ME120	MADDIKARA SRIKAMTHREDDY	Mechanical Engineering
16	U16ME121	MUKESH K	Mechanical Engineering
17	U16ME129	DEEPAK RAJAN D	Mechanical Engineering
18	U16ME131	VIJAY M	Mechanical Engineering
19	U16ME133	AKASH SAHA	Mechanical Engineering
20	U16ME134	ARANYA JASH	Mechanical Engineering
21	U16ME140	MO WASEEM .	Mechanical Engineering
22	U16ME602	SHAIK MAHAMMED HANEEF	Mechanical Engineering
23	U16ME603	SHAIK RIYAZ	Mechanical Engineering
24	U16ME007	ALBY ANTONY .	Mechanical Engineering
25	U16ME008	RISHEEK SHANKAR M	Mechanical Engineering
26	U16ME009	CHENNABOENA THARUN KUMAR .	Mechanical Engineering
27	U16ME016	YUVARAJ P	Mechanical Engineering
28	U16ME024	ANCHULLA VENUGOPAL	Mechanical Engineering
29	U16ME025	SHANKAR YADAV	Mechanical Engineering
30	U16ME026	VISHVAK R	Mechanical Engineering
31	U16ME042	MOURYA RAJ D	Mechanical Engineering
32	U16ME046	V. SIVASHANMUGAM V	Mechanical Engineering
33	U16ME050	VIKRAM SINGH	Mechanical Engineering
34	U16ME051	AFTAB ALAM	Mechanical Engineering

35	U16ME053	HARI HARAN S E	Mechanical Engineering
36	U16ME054	VIGNESH KUMAR R	Mechanical Engineering
37	U16ME057	AMIT PRAKASH V	Mechanical Engineering
38	U16ME058	RAHUL GEDELA	Mechanical Engineering
39	U16ME060	PUCHAKAYALA HARI BABU .	Mechanical Engineering
40	U16ME122	KESHAV KUMAR .	Mechanical Engineering
41	U16ME128	SHUBHAM YADAV	Mechanical Engineering
42	U16ME138	VAIDHEESWARAN K	Mechanical Engineering
43	U16ME139	MD ZEESHAN RAZA .	Mechanical Engineering
44	U16ME144	JAGADALA KUMARA SWAMY	Mechanical Engineering
45	U16ME701	KONERU CHAITANYA CHANDRA .	Mechanical Engineering
46	U16ME713	TUPAKULA LAKSHMI NARAYANA .	Mechanical Engineering
47	U16ME715	DAMSANI SRIKANTH	Mechanical Engineering
48	U16ME717	CHINTAKAYALA SANDEEP SANDEEP	Mechanical Engineering
49	U16ME718	TARUN G	Mechanical Engineering
50	U16ME719	NEHLANGKI SUIAM	Mechanical Engineering
51	U16ME720	YELAMARTHI SAI AKHIL .	Mechanical Engineering
52	U16ME725	HIMANSHU KAMADIYA	Mechanical Engineering
53	U16ME726	KODALI ROHITH	Mechanical Engineering
54	U16MT501	MUGILAN M	Mechatronics Engineering
55	U16MT502	VIGNESHWAR C B	Mechatronics Engineering
56	U16MT503	KARUPHIN KAWIN J	Mechatronics Engineering
57	U16AM019	ANTHAM JEEVA REDDY	Automobile Engineering
58	U16AM020	MERUGU SHIVA SAGAR	Automobile Engineering



Bharath Institute of Higher Education and Research

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Chennai - 600 073

INTERNAL QUALITY ASSURANCE CELL (IQAC) DOCUMENTS SUBMISSION FORM

Date of Submission	10/4/2019
Type of Documents	Value Added Course Program Report
Description	Network theorems, Optoelectronics and electronics
Enclosures	a) Resubmission Letter
	b) Circular
	c) Curriculum
	d) Schedule
	e) Attendance Sheet
	f) Feedback Form
	g) Certificate
	h) Image
No. of Pages	13
Submitted By	Name : Mr. V. P. Durairaj
	Designation : Assit Professor
	Department : Mechanical
	Signature :

For Office Use Only

Verified By:	Dr. N. S. SENTHUR	Sign:	Date: 12/4/2019
Uploaded By:		Sign:	Date:
File Name:			

IQAC - BIHER