



Bharath

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

Date: 29.01.2020

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 “ENVIRONMENTAL ECONOMICS “from 03.02.2020 to 07.02.2020. In this regard we kindly request you to grant permission for the same.

Thanking You

HOD/MECH



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Date:29.01.2020

Department of Mechanical Engineering

Circular

The of Department of Mechanical Engineering, BIHER glad to conduct on five days value added program on “ENVIRONMENTAL ECONOMICS” from 03.02.2020 to 07.02.2020 for 30 hours. Those who are interested to participate do register your name to the program coordinator.

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

Resource person: Dr.V.Ravi. Dr.S.Thirumavalavan

Maximum no. of registration Allowed – 60.


Program coordinator

Mr.V.P.DuraiRaj



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Department of Mechanical Engineering

Environmental Economics

OBJECTIVE:

This course is designed to cover the most critical topics in environmental economics today. Through this course, students will gain solid understanding of environmental issues and the economic incentive instruments that can be employed to protect, improve and conserve the environment.

MODULE 1

(10Hrs)

. Meaning-Nature-Scope-Significance of environmental economics, Economy and environment interlinkages, Eco-systems, Common property resources, Environment and development trade-off, Sustainable development.

MODULE II

(10 Hrs)

Environmental problems of industrial development: Water pollution, Air pollution, Noise pollution, Thermal pollution, Marine pollution, Nuclear pollution. Global environmental issues: Ozone depletion, Global warming, Climate change, Acid rain, Loss of Biodiversity, Endangered species, Trade of hazardous material.

MODULE III

(5 Hrs)

Technological changes in Agriculture and Environment: Excess use of Water, Fertilizers, Pesticides, Over extraction of groundwater, Concept of Natural Farming. Forest Depletion: Causes, consequences and remedies, Significance of social forestry.

MODULE IV

(5 Hrs)

Role of public and private sector in environmental protection – Rain water harvesting, Solid waste management, etc., Environmental regulation in India: Air and water acts, Fiscal incentives, Enforcement and Implementation issues, Emerging options – eco-taxes and eco-subsidies, Case studies on pollution control in India.



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Department of Mechanical Engineering
One Week Value added Program on *Environmental economics*

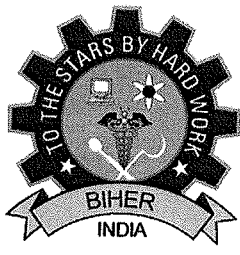
Date	Morning Session (9 AM – 12 PM)	Afternoon Session (1:30 PM – 4:30 PM)
3.02.2020	Program Inauguration:Dr.S.THIRUMAVALAVAN Meaning-Nature-Scope-Significance of environmental economics.	Dr.V.RAVI Economy and environment interlinkages, Eco-systems
4.02.2020	Dr.V.RAVI LEARNING - Definition, Theories on Learning- Classical and Operant conditioning.	Dr.S.THIRUMAVALAVAN Common property resources, Environment and development trade-off, Sustainable development.
5.02.2020	Dr.S.THIRUMAVALAVAN Environmental problems of industrial development: Water pollution, Air pollution, Noise pollution, Thermal pollution, Marine pollution, Nuclear pollution	Dr.V.RAVI Global environmental issues: Ozone depletion, Global warming, Climate change, Acid rain, Loss of Biodiversity, Endangered species, Trade of hazardous material.
6.02.2020	Dr.V.RAVI Technological changes in Agriculture and Environment: Excess use of Water, Fertilizers, Pesticides, Over extraction of groundwater. Concept of Natural Farming. Forest Depletion: Causes, consequences and remedies, Significance of social forestry	Dr.S.THIRUMAVALAVAN Role of public and private sector in environmental protection – Rain water harvesting, Solid waste management, etc.,
7.02.2020	Dr.S.THIRUMAVALAVAN Environmental regulation in India: Air and water acts, Fiscal incentives, Enforcement and Implementation issues.	Dr.V.RAVI Emerging options – eco-taxes and eco-subsidies, Case studies on pollution control in India. <i>Quiz/ Feedback / valedictory Session</i>

Program Coordinator:

Mr.Dr.V.P.DURAIRAJ

Assistant Professor,

E-Mail: durairaj.mech@bharathuniv.ac.in



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Attendance sheet

S.No	Reg. No	Students Name	Department
1	U16ME042	MOURYA RAJ D	Mechanical Engineering
2	U16ME046	V. SIVASHANMUGAM V	Mechanical Engineering
3	U16ME050	VIKRAM SINGH	Mechanical Engineering
4	U16ME051	AFTAB ALAM	Mechanical Engineering
5	U16ME053	HARI HARAN S E	Mechanical Engineering
6	U16ME054	VIGNESH KUMAR R	Mechanical Engineering
7	U16ME057	AMIT PRAKASH V	Mechanical Engineering
8	U16ME058	RAHUL GEDELA	Mechanical Engineering
9	U16ME060	PUCHAKAYALA HARI BABU .	Mechanical Engineering
10	U16ME122	KESHAV KUMAR .	Mechanical Engineering
11	U16ME128	SHUBHAM YADAV	Mechanical Engineering
12	U16ME138	VAIDHEESWARAN K	Mechanical Engineering
13	U16ME139	MD ZEESHAN RAZA .	Mechanical Engineering
14	U16ME144	JAGADALA KUMARA SWAMY	Mechanical Engineering
15	U16ME701	KONERU CHAITANYA CHANDRA .	Mechanical Engineering
16	U16ME713	TUPAKULA LAKSHMI NARAYANA .	Mechanical Engineering
17	U16ME715	DAMSANI SRIKANTH	Mechanical Engineering
18	U16ME717	CHINTAKAYALA SANDEEP SANDEEP	Mechanical Engineering
19	U16ME718	TARUN G	Mechanical Engineering
20	U16ME719	NEHLANGKI SUIAM	Mechanical Engineering
21	U16ME002	DINESH KUMAR U	Mechanical Engineering
22	U16ME011	AJITH KUMAR S	Mechanical Engineering
23	U16ME012	MOHANRAJ R	Mechanical Engineering
24	U16ME014	RAVIRAJAN S	Mechanical Engineering
25	U16ME023	ARAVINDAN K	Mechanical Engineering
26	U16ME029	DINESH KUMAR M	Mechanical Engineering
27	U16ME031	ZHAKIRHUSSAIN S	Mechanical Engineering
28	U16ME033	SHERIN T MAMMEN	Mechanical Engineering
29	U16ME035	PARTHAN V	Mechanical Engineering
30	U16ME041	SUVODEEP RAKSHIT	Mechanical Engineering
31	U16ME049	MOHAMED ABDULLAH K	Mechanical Engineering
32	U16ME055	DEEPAK H	Mechanical Engineering
33	U16ME056	YOGESH P	Mechanical Engineering
34	U16ME059	JEFRON G	Mechanical Engineering

35	U16ME120	MADDIKARA SRIKAMTHREDDY	Mechanical Engineering
36	U16ME121	MUKESH K	Mechanical Engineering
37	U16ME129	DEEPAK RAJAN D	Mechanical Engineering
38	U16ME131	VIJAY M	Mechanical Engineering
39	U16ME133	AKASH SAHA	Mechanical Engineering
40	U16ME134	ARANYA JASH	Mechanical Engineering
41	U16ME140	MO WASEEM .	Mechanical Engineering
42	U16ME602	SHAIK MAHAMMED HANEEF	Mechanical Engineering
43	U16ME603	SHAIK RIYAZ	Mechanical Engineering
44	U16ME007	ALBY ANTONY .	Mechanical Engineering
45	U16ME008	RISHEEK SHANKAR M	Mechanical Engineering
46	U16ME009	CHENNABOENA THARUN KUMAR .	Mechanical Engineering
47	U16ME016	YUVARAJ P	Mechanical Engineering
48	U16ME024	ANCHULLA VENUGOPAL	Mechanical Engineering
49	U16ME025	SHANKAR YADAV	Mechanical Engineering
50	U16ME026	VISHVAK R	Mechanical Engineering
51	U16AM019	ANTHAM JEEVA REDDY	Automobile Engineering
52	U16AM020	MERUGU SHIVA SAGAR	Automobile Engineering
53	U16MT501	MUGILAN M	Mechatronics Engineering
54	U16MT502	VIGNESHWAR C B	Mechatronics Engineering
55	U16MT503	KARUPHIN KAWIN J	Mechatronics Engineering

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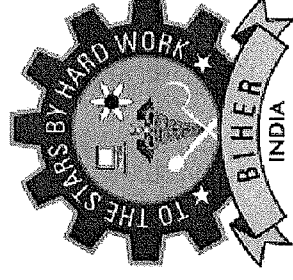
This is to certify presented to :

DEEPAK RAJAN.D

Has participated in the Value Added Course titled "Environmental
Economics" conducted by the School of Mechanical Engineering
during the month of Feb 2020



VAC CO-ORDINATOR



HOD MECHANICAL



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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 : ... Medical

Date : ... 7/02/20

Event / Speaker Name : ... Environmental 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):

Very Interesting, how save money
Knowledge

PHOTO

