



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

No.173, Agharam Road, Selaiyur, Chennai , T.N - 600 073.

Ref: BIHER/BIST/Civil//Spl/2018

Date:13/02/2018

CIRCULAR

Many a times, the defined skill sets that are being imparted to students today with Programme Specific Objectives in educational institutions become redundant sooner than later due to rapid technological advancements. It is important for higher education institutions to supplement the curriculum to make students better prepared to meet industry demands as well as develop their own interests and aptitudes.

Hence a Value Added Course is offered by Department of Civil Engineering, Bharath Institute of Higher Education & Research. The course offered is **Environmental Hygiene** with the duration of 30hours (one hour per day) and commences from **05/03/2018**.

Eligibility: Course is open for UG Students of Department of Civil Engineering.

Registration:

The registration form which is available in the university website should be duly filled by the participants and to be submitted to the Coordinator at least 10 days before the commencement of course.

Contact:

Dr.B.Saritha

Associate Professor / Department of Civil Engineering,

Course Coordinator

Bharath Institute of Higher Education & Research.

Email id: saritha.civil@bharathuniv.ac.in


HOD/CIVIL

Department of Civil 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

SCHOOL OF CIVIL INFRASTRUCTURE ENGINEERING
VALUE ADDED COURSE- ENVIRONMENTAL HYGIENE

Sl.NO	Reg No	Name of the students
1	U17CE071	MOGILI SRIKANTH
2	U17CE072	BHUKYA VENKATA NARASIMMA
3	U17CE074	DHARASAN .K
4	U17CE075	NIMMAKAYALA SURYAVAMSI REDDY
5	U17CE076	KARRA ANAND RAVI TEJA
6	U17CE077	KATTERAPALLI RAM MOHAN REDDY
7	U17CE079	FAMOUSSTAR MANIK SYIEMLIH
8	U17CE080	CHINTHAM DINESH YADHAVU
9	U17CE081	KATARU SAI KISHORE
10	U17CE082	VEGINATI PAVAN KUMAR
11	U17CE084	JASANTA LOKTONGBAM
12	U17CE085	MOHAMMED YUSUF .A
13	U17CE086	MUHAMMAD FARHAAN SHAREEFF Y.S
14	U17CE087	PEMCHAND KHWAIRAKPAM
15	U17CE088	ADARSHON MARUWEIN
16	U17CE089	NIHI OO CHALLAM
17	U17CE090	SHELJIN DHAS .H
18	U17CE091	KHUNDRAKPAM ISHWORLAL
19	U17CE095	GOBBAKA SAI KIRAN
20	U17CE096	NARESH .P
21	U17CE097	SANTHOSH .R
22	U17CE099	KOREETHA MANIKANTA
23	U17CE100	IROM ROSHAN KUMAR
24	U17CE101	BANDI SRIKANTH
25	U17CE102	ANANDHU SATHYAN
26	U17CE103	CHAMMANDI SAIJAYANTHI
27	U17CE105	MUHAMMAD NAZRUL ISLAM
28	U17CE107	MATHEW LARA E.N
29	U17CE109	K. LAKSHMI NARAYANA GANESH PILLAY
30	U17CE111	BHARATH .K
31	U17CE112	CHINIGEPALLI VENKATA SUBBA RAO
32	U17CE114	VINTI UDAY KUMAR
33	U17CE116	CHAWAN MAHESH SINGH
34	U17CE118	BOJJAM SAKETH KUMAR
35	U17CE122	LOTTONGBAM RAHUL SINGH
36	U17CE124	VEERAPATHIRAN R
37	U17CE125	VASANTHA SUDHAN S
38	U17CE127	ASHOK YADAV
39	U17CE129	KONSAM LANCHENBA MEETEI
40	U17CE130	KRISHNA MOHAN KUMAR
41	U17CE131	LIKHA GUVIN
42	U17CE132	SANKARRAM .S
43	U17CE503	VENKATA SAI ROHITH
44	U17CE504	D.DINESH
45	U17CE505	S.KIRUBAKARAN
46	U17CE705	JUSTFORLY SOHTUN(6/8/18)
47	U17CE706	DONALA PRAVEEN KUMAR
48	U17CE710	TEISOZHASIE MIASALHOU
49	U17CE711	SONAM DORJEE

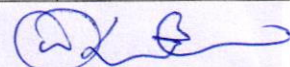


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Value Added Course on Environmental Hygiene

Content of Syllabus

S.No.	Syllabus Details	No. of Lecture hrs	Time	Date	Lecture name
1	Introduction	2hrs	10.00 a.m-12.00 p.m	5.3.2018	Dr.B.Saritha
2	Components of Environment	2 hrs	10.00 a.m-12.00 p.m	6.3.2018	Ms. L.MariaSubashini
3	Water supply and water quality	2 hrs	10.00 a.m-12.00 p.m	7.3.2018	Dr.B.Saritha
4	Water Pollution	2 hrs	10.00 a.m-12.00 p.m	8.3.2018	Dr.B.Saritha
5	Water Borne Diseases	2 hrs	10.00 a.m-12.00 p.m	9.3.2018	Dr.B.Saritha
6	Water purification processes	2 hrs	10.00 a.m-12.00 p.m	12.3.2018	Dr.B.Saritha
7	Air Pollution -Sources and Effects	2 hrs	10.00 a.m-12.00 p.m	13.3.2018	Ms. L.MariaSubashini
8	Control of Air Pollution	2 hrs	10.00 a.m-12.00 p.m	14.3.2018	Ms. L.MariaSubashini
9	Noise Pollution -Sources and Effects	2 hrs	10.00 a.m-12.00 p.m	15.3.2018	Ms. L.MariaSubashini
10	Control of Noise Pollution	2 hrs	10.00 a.m-12.00 p.m	16.3.2018	Ms. L.MariaSubashini
11	Solid waste Management	2 hrs	10.00 a.m-12.00 p.m	19.3.2018	Dr.B.Saritha
12	Collection, Disposal Techniques	2 hrs	10.00 a.m-12.00 p.m	20.3.2018	Dr.B.Saritha
13	Sanitary Landfill	2 hrs	10.00 a.m-12.00 p.m	21.3.2018	Dr.B.Saritha
14	Community Organizations for Environmental Health	2 hrs	10.00 a.m-12.00 p.m	22.3.2018	Ms. L.MariaSubashini
15	Legislation and Acts regulating Environmental Hygiene	2 hrs	10.00 a.m-12.00 p.m	23.3.2018	Dr.B.Saritha



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Topic: Environmental Hygiene

Type of Course: value added course/ UG

Department of school of Civil and infrastructure Engineering

Pre-Requisites: Environmental Studies

Course Duration: 30 hours (05March' 18)

Intended Audience: Civil Engineering Students

Industries Applicable To: All companies that deal with the Civil infrastructure development

Coordinators: Dr.B.Saritha&Ms. L.MariaSubashini

Objective:

- a) Develop competence in the principles of Environmental Health and its application in Environmental Hygiene.
- b) Ability to list the Environmental Pollutions and their sources, effects and their control measures.
- c) Ability to know about Management of Solid waste.
- d) Ability to learn about Community Organizations for Environmental Health.
- e) Ability to learn Legislation and Acts regulating Environmental Hygiene.


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COURSE OUTLINE:

This course explores the relationship people have with their environment, the risk management choices made, and the resulting associations that affect health and physical well-being for the individual, communities and susceptible populations. This field is a professional, interdisciplinary field focused on the science and practice of preventing injury and illness from exposures to hazards in our environments. Environmental Hygiene is designed to introduce students to foundational and technical concepts in the field of Environmental Public Health. Primarily, students will learn how a variety of environmental factors impact health outcomes, the control measures currently used to prevent or minimize the health effects from these negative impacts, and where to access additional information to make a difference at the individual, community or higher level.

The course is designed to acquaint the student with the scientific and technical foundations of the field, and examines both practice and research contributions to understanding and controlling environmental hazards. This course also is intended to be a service course, meaning that everyone is touched by Environmental Hygiene principles and topical areas of concern everyday; we all eat, drink, produce waste and breathe air each day. This course delivers important information and resources for the students' own health and wellness advocacy as they move out beyond this institution.

This course covers a wide range of topics in environmental health sciences. Students will be provided with a general introduction to the core concepts of environmental health (i.e. exposure assessment, toxicology, epidemiology and risk assessment); and ways to examine the environmental health issues by applying core concepts. This course will also briefly introduce some methods to measure pollutants in the environment— mainly the air pollution, and effectively control environmental hazards; and it will introduce the concepts of endocrine disruption and how early developmental exposures to environmental chemicals may influence of human disease. Environmental health issues in both developed and developing countries will be presented.


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NAAC
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL



BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY

CERTIFICATE OF PARTICIPATION

This is to Certify that BHARATH. K, Bharath Institute of Higher Education and Research, has participated in value added course on 'Environmental Hygiene', presented by **Dr.B.Saritha, Associate Professor, School of Civil & Infrastructure Engineering, BIHER**, Organized by School of Civil & Infrastructure Engineering, Bharath Institute of Science & Technology, BIHER from 5th March 2018 to 23rd March 2018

Bharitha

Coordinator

David

Co-Coordinator

[Signature]

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VALUE ADDED COURSE

Feedback Form

Event Name:

Environmental Hygiene

Event Venue: Date:

Department of School of Civil &
Infrastructure Engineering, 5/3/2018
Mogili Srikanth to 23/3/2018

Name of participant:

1. Rate the success of the event (1: not successful, 5 very successful)

1

2

3

4

5

2. Describe what topic is good.

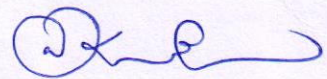
Water Purification Process

3. What aspects of the course we improve.

—

4. What else would you like to see added.

—



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Date: 05.03.2018 Year/Sem:II /IV



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