



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: 23/04/2018

CIRCULAR

The School of Civil and Infrastructure Engineering is planned to conduct a Value Added Course on **Business Ethics and Environmental Science** for the benefit of II, III, IV B.Tech students. This value added course is commences from **07/05/2018** with the duration of 30 hours (Two hour per day), 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 2 days before the commencement of course.

Contact:

Ms.S.THENDRAL

Assistant Professor / School of Civil & Infrastructure Engineering,
Course Coordinator

Bharath Institute of Higher Education & Research.

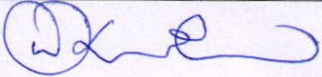
Email id: thendral.cscivil@bharathuniv.ac.in

HOD/CIVIL

Head of the Department
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 INFRASTRUCTURE ENGINEERING**VALUE ADDED COURSE - Business Ethics and Environmental Science****Date: 07.05.2018****Year/Sem: II /IV**

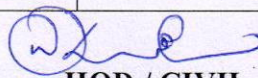
SL.NO	Reg No	Name of the students	Email id	Contacts Number
1	U17CE071	MOGILI SRIKANTH	srikanthmogili0@gmail.com	9600052027
2	U17CE072	BHUKYA VENKATA NARASIMMA	venkatbhukya0456@gmail.com	9848550456
3	U17CE074	DHARASAN .K	dharasansweni16@gmail.com	7708581626
4	U17CE075	NIMMAKAYALA SURYAVAMSI REDDY	suryavamsireddy000@gmail.com	7780296604
5	U17CE076	KARRA ANAND RAVI TEJA	anandraviteji7@gmail.com	9618884649
6	U17CE077	KATTERAPALLI RAM MOHAN REDDY	ramureddy80084@gmail.com	8096798483
7	U17CE079	FAMOUSSTAR MANIK SYIEMLIEH	fsyiemlieh2@gmail.com	6382983568
8	U17CE080	CHINTHAM DINESH YADHAVU	chinthamdinesh143@gmail.com	6301926433
9	U17CE081	KATARU SAI KISHORE	saikishorenaidu888@gmail.com	9182814262
10	U17CE082	VEGINATI PAVAN KUMAR	pavanveginati143@gmail.com	6281916177
11	U17CE084	JASANTA LOKTONGBAM	Jasantaloktongbam1997@gmail.com	8837447621
12	U17CE085	MOHAMMED YUSUF .A	yusuffyuhana@gamil.com	9360172326
13	U17CE086	MUHAMMAD FARHAAN SHAREEFF Y.S	farhaanshareeff1999@gmail.com	8838159947
14	U17CE087	PEMCHAND KHWAIRAKPAM	premkhwairakpamcoool@gmail.com	7005828091
15	U17CE088	ADARSHON MARUWEIN	adhmar89@gmail.com	9600083712
16	U17CE089	NIHI OO CHALLAM	challamnihioo@gmail.com	8257854837
17	U17CE090	SHELJIN DHAS .H	sheljin007@gmail.com	8056235392
18	U17CE091	KHUNDRAKPAM ISHWORLAL	Khundrakpamishworlal@gmail.com	8794271910
19	U17CE094	PAVITHRANS .R	pavitharan143@gmail.com	9080564777
20	U17CE095	GOBBAKA SAI KIRAN	saikirangobbaka123@gmail.com	7674086461
21	U17CE096	NARESH .P	rockeynaresh001@gmail.com	8678961013
22	U17CE097	SANTHOSH .R	santhoshappu202@gmail.com	9543836104
23	U17CE099	KOREETHA MANIKANTA	maninani5678@gmail.com	9182365642
24	U17CE100	IROM ROSHAN KUMAR	blacksabbathirom@gmail.com	9366323457
25	U17CE101	BANDI SRIKANTH	srikanthbandi@gmail.com	7730009698
26	U17CE102	ANANDHU SATHYAN	sathyananandhu1@gmail.com	9840710259
27	U17CE103	CHAMMANDI SAIJAYANTHI	Saijayanthreddy1121@gmail.com	8639351859
28	U17CE105	MUHAMMAD NAZRUL ISLAM	ni1982490@gmail.com	7085994985
29	U17CE118	BOJJAM SAKETH KUMAR	sakethkumar.bojjam@gmail.com	9025726162
30	U17CE711	SONAM DORJEE	Sonamdorjee2906@gmail.com	7358038733


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Department of Civil Engineering
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Selaiyur, Chennai-600 073, INDIA

Value Added Course
Business Ethics and Environmental Science
Content of Syllabus

S.No.	Syllabus Details	No. of Lecture Hours	Date	Time	Lecture Name
1.	Concept of Human Values, Value Education Towards Personal Development	2 hrs	8.05.2018	3 Pm To 6 pm	Ms.S. Thendral
2.	Personal Development	2 hrs	9.5.2018	3 Pm To 6 pm	Ms.S. Thendral
3.	Character Formation Towards Positive Personality	2 hrs	10.5.18	3 Pm To 6 pm	Ms.S. Thendral
4.	Value Education Towards National and Global Development	2 hrs	11.5.18	3 Pm To 6 pm	Ms.S. Thendral
5.	Professional Values - Knowledge thirst, sincerity in profession, regularity, punctuality and faith.	2 hrs	14.5.18	3 Pm To 6 pm	Ms.S. Thendral
6.	Social Values - Pity and probity, self control, universal brotherhood.	2 hrs	15.5.18	3 Pm To 6 pm	Ms.S. Thendral
7.	National Integration and international understanding.	2 hrs	16.5.18	3 Pm To 6 pm	Ms.S. Thendral
8.	Impact of Global Development on Ethics and Values	2 hrs	17.5.18	3 Pm To 6 pm	Ms.S. Thendral
9.	Professional challenges and compromise.	2 hrs	18.5.18	3 Pm To 6 pm	Ms.S. Thendral
10.	Ethical Leadership	2 hrs	21.5.18	3 Pm To 6 pm	Ms.S. Thendral
11.	Solving Ethical Problems	2 hrs	22.5.18	3 Pm To 6 pm.	Ms.S. Thendral
12.	Preparing for Common Ethical Management Problem, Organizational Values	2 hrs	23.5.18	3 Pm To 6 pm	Ms.S. Thendral
13.	Legal Compliance and Performance	2 hrs	24.5.18	3 Pm To 6 pm	Ms.S. Thendral
14.	Nature and Essence of Ethics	2 hrs	25.5.18	3 Pm To 6 pm	Ms.S. Thendral
15.	Business Ethics Concepts	2 hrs	28.5.18	3 Pm To 6 pm	Ms.S. Thendral
16.	Incorporate the concept of Business Ethics and Corporate	2 hrs	29.5.18	3 Pm To 6 pm	Ms.S. Thendral

	Social Responsibility into business decisions.				
17.	Evaluate how decisions are actually made in business ethics	2 hrs	30.5.18	3 Pm To 6 pm	Ms.S. Thendral
18.	Critique various tools for managing Business Ethics.	2 hrs	31.5.2018	3 Pm To 6 pm	Ms.S. Thendral
19.	Explain ethical issues that are found in corporate governance and shareholder relationships.	2 hrs	1.6.2018	3 Pm To 6 pm	Ms.S. Thendral


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Topic: Business Ethics and Environmental Science

Type of Course: value added course

Department: School of Civil and infrastructure Engineering

Pre-Requisites: Environmental Sciences

Course Duration: 38 hours (07 May' 18)

Intended Audience: Civil Engineering Students

Industries Applicable To: All companies that deal with the Civil & Environmental engineering development

Coordinators: Ms S.Thendral & Mr. S. Rajesh

Objective:

- ❖ Read and reflect on efforts to formulate an environmental ethic
- ❖ To demonstrate understanding of the social movements which correlate with and carry various perspectives on human responsibility toward the environment
- ❖ To apply environmental ethical theory to real-world environmental conflicts and issues.
- ❖ To demonstrate understanding of a range of ethical theories and their applications in debates about the environment
- ❖ to understand main types of ethical violations and consequence of their influence on business practice, economy and society in general;

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COURSE OUTLINE:

Students become more effective decision makers by examining the meaning and role of ethics in the business environment, and the social responsibility of business organizations. Topics include the relationship between business and society; identifying stakeholders and issues; the theoretical basis of business ethics; business ethics in management and leadership; the concept of corporate social responsibility; corporate social responsibility in practice; regulating business; ownership and governance of the corporation; environmental and business responsibilities; globalization and business responsibilities; and ethics, responsibilities, and strategy.

This course introduces Business ethics as the modern managerial approach to ethical questions in business environment. It gives not only understanding of main theoretical concepts, but also developing skills of identification, analysis and permission of ethical dilemmas on a workplace and managing ethics in organizations.

This course includes three part, the first part, which is called Universal ethics, takes into account the nature and essence of ethics, problems and possibilities of individual ethical and moral behavior formation. In the second part, named Applied Ethics, - questions and problems of ethical decision-making in the company are considered. Moreover, its contribution to strategic advantages of the company and its integration into business process.



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GRADE
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL



BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY

CERTIFICATE OF PARTICIPATION

This is to Certify that NIHIDD CHALLAM, Bharath Institute of Higher Education and Research, has participated in value added course on '**Business Ethics and Environmental Science**' presented by **Ms.THENDRAL. S, Assistant Professor, School of Civil & Infrastructre Engineering, BIHER**, Organized by School of Civil & Infrastructre Engineering, Bharath Institute of Science & Technology, BIHER from 07.05.2018 To 1.6.2018.

Coordinator

Co-Coordinator

HOD, Civil Engineering

Head of the Department
Department of Civil Engineering
Bharath Institute of Higher Education & Research
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Selaiyur, Chennai-600 073. INDIA

VALUE ADDED COURSE

Feedback Form

Event Name: Business Ethics and Environmental Science

Event Venue: Date: BITER / 17/5/2018

Name of participant: Mogili Srikanth

1. How useful did you think this event was for you?

(Please circle the appropriate number where 1 = not at all useful and 5 = extremely useful)

1	2	3	4	5 ✓
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2. Do you think this venue was appropriate?

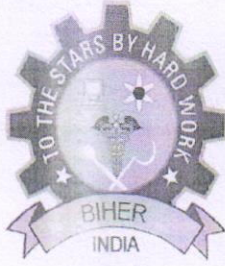
YES	NO ✓
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3. Did you receive all the information you required at this Venue?

YES ✓	NO
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4. Would you like to attend any further Training / Courses?

YES ✓	NO
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SCHOOL OF INFRASTRUCTURE ENGINEERING

VALUE ADDED COURSE - Business Ethics and Environmental Science

Date: 07.05.2018

Year/Sem: II /IV



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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
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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 SYIEMLIEH
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

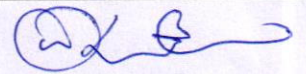


Head of the Department
Department of Civil Engineering
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Selaiyur, Chennai-600 073. INDIA

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



HOD CIVIL

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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.

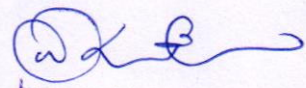
Head of the Department
Department of Civil Engineering
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COURSE OUTLINE:

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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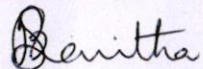
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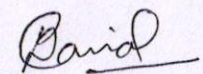


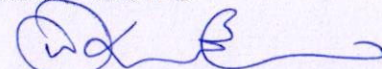
BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY

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


Coordinator


Co-Coordinator


HOD, Civil Engineering

Head of the Department
Department of Civil Engineering
Bharath Institute of Higher Education & Research
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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.

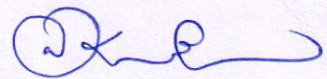
Water Purification Process

3. What aspects of the course we improve.

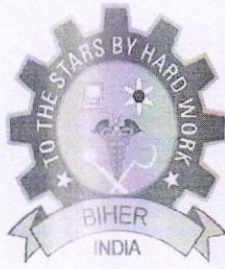
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4. What else would you like to see added.

—



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SCHOOL OF CIVIL INFRASTRUCTURE ENGINEERING

VALUE ADDED COURSE- ENVIRONMENTAL HYGIENE

Date: 05.03.2018 Year/Sem:II /IV



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Date: 10/08/2017

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 **Earthquake Resistance Design of Buildings Using SAP** with the duration of 36 hours (Two hour per day) and commences from **28/08/2017**.

Eligibility: Course is open for UG Students of School of Civil and Infrastructures 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:

Mrs.R.Chitra,

Assistant Professor /School of Civil and Infrastructures Engineering,

Course Coordinator

Bharath Institute of Higher Education & Research.

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

HOD/CIVIL
Head of the Department
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 AND INFRASTRUCTURE ENGINEERING
VALUE ADDED COURSE - EARTHQUAKE RESISTANCE DESIGN OF
BUILDINGS USING SAP

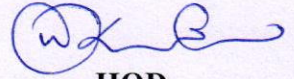
Date: 28.10.2018-20.09.2017

Year/Sem: II /III

List of students

SL.NO	REG NO	NAME OF THE CANDIDATE	STUDENTS CONTACTS NUMBER	E MAIL ID
1	U16CE001	ATHNAN BAYAJ K	7904684263	bayaj1998@gmail.com
2	U16CE002	KAYALA MAHESWARA REDDY .	9514461188	maheswarareddy278@gmail.com
3	U16CE003	RAHUL P	7397262652	Rahulross98@gmail.com
4	U16CE004	SAJEEVA RAO C H	8682868015	sajeev2306@gmail.com
5	U16CE005	TOURANGBAM LIZEN SINGH .	7550105911	Lizen47tourangbam@gmail.com
6	U16CE006	R.Aravinth	8778136368	arunaravinth.1999@gmail.com
7	U16CE007	BALAJI A	8610892435	Balabalaji7711@gmail.com
8	U16CE008	AJAY M	7395967727	ajay2871999@gmail.com
9	U16CE009	ABHISHEK SINGH KSH .	9650415523	abhishekksh3@gmail.com
10	U16CE010	JOYBIGANDA SINGH LAIRIKYENGBAM .	8415878808	joybigandal@gmail.com
11	U16CE012	RAJKUMAR SOMOKANTA SINGH .	9884583220	somoraj.rk@gmail.com
12	U16CE013	KANGKIRAM TACHING	8837422310	kangkiram.5@gmail.com
13	U16CE014	JAYOBRATO PAL	9832115770	jayobrato98pal@gmail.com
14	U16CE015	NILKEE MUKHIM	8787643316	neilkeermukhim.@gmail.com
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18	U16CE019	BOSE NAVEEN KUMAR .	7358037450	naveenkumarveeran30@gmail.com
19	U16CE020	ARUN SABHARISH C A	9600118859	aruncrazy8058@gmail.com
20	U16CE021	SRIGADE PAVAN PRASAD .	9666202032	Srigadepavan@gmail.com
21	U16CE024	MD SHAMIM AZAM	7005171146	blinkph123@gmail.com
22	U16CE025	KAMALDOSS K Y	9791379941	kamaldoss82@gmail.com
23	U16CE029	MARABATHUNI SREENU	7759068308	marabathunisreenu@gmail.com
24	U16CE030	KAREMPUDI AJAYKUMAR	9840184553	ajaykumar.karempudi@gmail.com
25	U16CE031	POLINENI ANUSH BABU .	7085972779	anesh.chowdary.5@gmail.com
26	U16CE032	GANJI AVINASH	9095346776	Avinash.ganji25@gmail.com
27	U16CE033	VIGNESH V	8074309554	vignesh1996@gnai.com
28	U16CE034	PURNAJEET USHAM	7036684266	Zitpurnajeetusham@gmail.com
29	U16CE035	NGANGOM SRIKANTA SINGH .	8072908123	ngangom26@gmail.com
30	U16CE036	TAGGUPARTI RAJASEKHAR REDDY .	9160096408	reddyrajasekhar016@gmail.com
31	U16CE039	KECHANGULIE KEDITSU	9940230346	Kechakeditsu44@gmail.com

32	U16CE040	BISHWANATH SINGH	9366887653	bishwa155@gmail.com
33	U16CE041	RITESH KUMAR .	7085924922	krritesh867@gmail.com
34	U16CE042	RENISH R	9010579593	renishjo.re@gmail.com
35	U16CE043	PARAS WARIBAM	8731008619	pwaribam@gmail.com
36	U16CE046	RAJKUMAR NOURJEET	8939667178	Rajkumarnourjeet@gmail.com
37	U16CE047	KURAPATI KOUSHIK REDDY .	7358261245	Koushik.mounik@gmail.com
38	U16CE048	SIDDARTH SOROKHAIBAM	9585206792	sorosid@gmail.com



HOD
Head of the Department
Department of Civil Engineering
Bharath Institute of Higher Education & Research
(Deemed to be University U/S 3 of UGC Act, 1956)
Saidyur, Chennai-600 073. 2016

Value Added Course
Earthquake Resistance Design of Buildings Using SAP
Content of Syllabus

S.No.	Syllabus Details	No. of Lecture Hours	Time	Date	Lecture name
1	Introduction to Dynamic Loads	2 Hours	10.00am to 12.00pm	28.08.2017	Dr.S.J.Mohan, Professor
2	Static Load v/s Dynamic Load, Types of Dynamic forces, Force Control and Displacement Control	2 Hours	10.00am to 12.00pm	29.08.2017	Dr.S.J.Mohan, Professor
3	Basics of Seismology	2 Hours	10.00am to 12.00pm	30.08.2017	Dr.S.J.Mohan, Professor
4	Behavior of Structures During Earthquake and Earthquake Resistant Features of Structure	2 Hours	10.00am to 12.00pm	31.08.2017	Dr.S.J.Mohan, Professor
5	Inertia forces in structures	2 Hours	10.00am to 12.00pm	01.09.2017	Dr.S.J.Mohan, Professor
6	Behavior of Brick Masonry Structures	2 Hours	10.00am to 12.00pm	04.09.2017	Dr.S.J.Mohan, Professor
7	Behavior of Stone Masonry Structures	2 Hours	10.00am to 12.00pm	05.09.2017	Dr.S.J.Mohan, Professor
8	Behavior of RC Structures	2 Hours	10.00am to 12.00pm	06.09.2017	Dr.S.J.Mohan, Professor
9	Earthquake Design Philosophy & Guide lines	2 Hours	10.00am to 12.00pm	07.09.2017	Mrs.R.Chitra,AP
10	Fundamentals of Earthquake Vibrations of Structures	2 Hours	10.00am to 12.00pm	08.09.2017	Mrs.R.Chitra,AP
11	Equation of Motion (By Newton's Law and By D'Alembert's Principle), Degrees of Freedom	2 Hours	10.00am to 12.00pm	11.09.2017	Mrs.R.Chitra,AP
12	Equation of Motion for Forced Vibration for Damped and Un damped System	2 Hours	10.00am to 12.00pm	12.09.2017	Mrs.R.Chitra,AP
13	Earthquake Load Analysis on Structures	2 Hours	10.00am to 12.00pm	13.09.2017	Mrs.R.Chitra,AP
14	Introduction to methods of Earthquake Load Analysis	2 Hours	10.00am to 12.00pm	14.09.2017	Mrs.R.Chitra,AP
15	Analysis of Structure by Linear Static Method (Seismic Coefficient Method)	2 Hour	10.00am to 12.00pm	15.09.2017	Mrs.R.Chitra,AP
16	Analysis of Structure by Linear Dynamic Method (Random Response Method)	2 Hours	10.00am to 12.00pm	18.09.2017	Mrs.R.Chitra,AP
17	Ductile Detailing, Concepts of Detailing of various structural components as per IS: 13920 provisions.	2 Hours	10.00am to 12.00pm	19.09.2017	Mrs.R.Chitra,AP
18	Design of seismic resistant buildings using SAP & concept of lateral load distribution on buildings	2 Hours	10.00am to 12.00pm	20.09.2017	Mrs.R.Chitra,AP


HOD
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 Department of Civil Engineering
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Bharath

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

Topic: Earthquake Resistance Design of Buildings Using SAP

Type of Course: value added course / UG

School of Civil and infrastructure Engineering

Pre-Requisites: Design of Reinforced Concrete Structure.

Course Duration: 36 hours (28/08/2017 to 20/09/2017)


Intended Audience: Civil Engineering Students

Industries Applicable To: All companies that deal with the civil Design software.

Coordinators: Dr.S.J.Mohan, Professor and Mrs.R.Chitra, Assistant Professor

Objective:

- 1) To familiarize students to study the behavior of buildings and structures subjected to seismic loading.
- 2) Design of different type of member of building to resist the earthquake.
- 3) To deal with different aspect of earthquake forces
- 4) Computation of earthquake forces on building frame using seismic coefficient method as per IS 1893-2002.
- 5) Design of seismic resistant buildings using SAP & concept of lateral load distribution on buildings



Head of the Department
Department of Civil Engineering
Bharath Institute of Higher Education & Research
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Selaiyur, Chennai-600 073. INDIA

COURSE OUTLINE:

Earthquake Resistance Design of Buildings Using SAP, also known as Earthquake engineering, is the branch of civil engineering concerned with the engineering behavior of buildings resist the earthquake. The course on Introduction to Earthquake Resistance Design of Buildings Using SAP provides the fundamental concepts, principles and application of earthquake engineering in seismic analysis and design of structures. The course begins with the Seismology explaining the causes of occurrence of earthquake and its characterization. The seismic analysis of the structures under earthquake excitation is developed. The structural system modeled as discrete and continuous system. The concept of response spectrum analysis procedure to determine structure response and design earthquake forces is explained. The codal provisions for earthquake resistant design of structures as per Indian Standards are explained. Finally, the course also covers the soil structure interaction and inelastic response spectra.

The advanced course material on Earthquake Engineering will be very useful to undergraduate students, post-graduate students, teachers and practitioners. A number of chosen problems will be solved to illustrate the design and analysis concepts clearly.

Earthquake Resistance Design of Buildings Using SAP deals with different aspect of earthquake forces, the course provide a coherent development to the students for the courses in sector of earthquake engineering and to study the present the foundations of many basic engineering concepts related earthquake Engineering and also experience in the implementation of engineering concepts which are applied in field of earthquake engineering.


Head of the Department
Department of Civil Engineering
Bharath Institute of Higher Education & Research
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Selayur, Chennai-600 073. INDIA



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH

Declared as DEEMED-TO-BE UNIVERSITY U/S 3 of the UGC Act, 1956



GRADE **A** NAAC
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL



BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY

CERTIFICATE OF PARTICIPATION

This is to Certify that Kamal Doss.K.y, Bharath Institute of Higher Education and Research, has participated in value added course on “**Earthquake Resistance Design of Buildings Using SAP**”, presented by **Mrs.R.Chitra**, Assistant Professor, School of Civil & Infrastructre Engineering, BIHER, Organized by School of Civil & Infrastructure Engineering, Bharath Institute of Science & Technology, BIHER from 28.08.2017 to 20.09.2017.

Coordinator

Co-Coordinator

HOD, Civil Engineering
Head of the Department

Department of Civil Engineering
Bharath Institute of Higher Education & Research
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Selaiyur, Chennai-600 073. INDIA



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SCHOOL OF CIVIL AND INFRASTRUCTURE ENGINEERING
VALUE ADDED COURSE - EARTHQUAKE RESISTANCE DESIGN OF BUILDINGS
USING SAP

Date: 28.10.2018-20.09.2017

Year/Sem: II /III




Head of the Department
Department of Civil Engineering
Bharath Institute of Higher Education & Research
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VALUE ADDED COURSE

Feedback Form

Event Name: **SKILL DEVELOPMENT COURSE ON HAND BLOCK PRINTING.**

Event Venue: Date: **BIHER - 07/07/2017**

Name of participant: **S. PRASANNA - U17CE022**

CONTENT

Was the content interesting?	Yes <input checked="" type="checkbox"/>	No
Was the content understandable?	Yes <input checked="" type="checkbox"/>	No
Was there clarity in the content?	Yes <input checked="" type="checkbox"/>	No

STRUCTURE

(Rate from 1-5 where 1 being the least)

How was the focus of the talk good?	1	2	3	<input checked="" type="radio"/> 4	5
How far you found the lecture useful?	1	2	3	4	<input checked="" type="radio"/> 5
How far did the lecturer meet your expectations?	1	2	3	4	<input checked="" type="radio"/> 5
What struck you about this topic?					

PRESENTATION

(Rate from 1-5 where 1 being the least)

How far the lecturer managed to capture your attention?	1	2	3	<input checked="" type="radio"/> 4	5
How did you find the lecturer vocabulary?	1	2	3	<input checked="" type="radio"/> 4	5
How far audience participation & interaction encouraged?	1	2	3	4	<input checked="" type="radio"/> 5
How far the lecturer appeared enthusiastic about the subject?	1	2	3	4	<input checked="" type="radio"/> 5

OVERALL

Were you satisfied with the lecture?	Yes <input checked="" type="checkbox"/>	No	
Was the lecturer able to answer your questions?	Yes <input checked="" type="checkbox"/>	No	
What is your overall impression about the lecture?	Good <input checked="" type="checkbox"/>	Average	Ok
What suggestions do you have to improve the lecturers approach?	<u>-NIL-</u>		


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BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY

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

Ref: BIHER/BIST/Civil//Spl/2017

Date: 17/12/2017

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 **Geotechnical Engineering** with the duration of 30 hours (one hour per day) and commences from **10/01/2018**.

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.R.Venkatakrishnaiah

Professor / Department of Civil Engineering,

Course Coordinator

Bharath Institute of Higher Education & Research.

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

HOD/CIVIL

Head of the Department
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

**BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH
DEPARTMENT OF CIVIL ENGINEERING**

Students Name list

Sl.NO	Reg No	Name of the students
1	U17CE002	M. VIKASH
2	U17CE003	AISHWARYA .C
3	U17CE005	KALLAM VENKATA REDDY
4	U17CE006	ROSHAN NILLING GUHA
5	U17CE007	DILIP KUMAR .G
6	U17CE008	LARRY LALNUNZIRA
7	U17CE009	PRAVEEN KUMAR .S
8	U17CE010	MATHAVAN .S
9	U17CE011	DEEPAK KUMAR .N
10	U17CE012	D.MULLAIVENDHAN
11	U17CE013	REGHAKUMAR MUTHUKUMAR
12	U17CE014	TAJAMMUL AFROZ
13	U17CE015	KESAVA RANGANATH
14	U17CE017	KISHORE .G
15	U17CE018	RUBESH .V
16	U17CE019	JAIKISHEN .S
17	U17CE021	TALASU PAVAN MANEESH
18	U17CE022	SAYATUNENI PRASANNA KUMAR
19	U17CE023	KUNDEPI PAWAN SAI GOPAL
20	U17CE024	KONJENBAM SHYAM SINGH
21	U17CE025	CHINTALAAKHIL KRISHNA
22	U17CE026	MUTHURU ASHOK KUMAR REDDY
23	U17CE027	VARIKUTTI AYAPPA
24	U17CE028	GABE TEJA SAI REDDY
25	U17CE029	CHINTALAPUDI NAGA MURALI KRISHNA
26	U17CE030	NISHANTH RAJ .K
27	U17CE031	GADAEWAR SAI PRANAY
28	U17CE032	RAGHAVAREDDY PRASANTH REDDY
29	U17CE033	CHILAKA SATHISH REDDY
30	U17CE035	JAYANT CHODHARY
31	U17CE037	SRIRAM P.A.
32	U17CE038	KOMMURU ANIL REDDY
33	U17CE039	VIKRAM KUMAR .A
34	U17CE040	SHAIK ILIYAS
35	U17CE041	MOHAMMED EHTESHYAMUDDIN
36	U17CE042	KAKARLA RAMA NAIDU
37	U17CE043	ILLURI JAYA VENKATA SIVA SAI KUMAR
38	U17CE045	PALAVELLI SASI KUMAR REDDY
39	U17CE046	MOOLA HANUMANATHA REDDY
40	U17CE047	YEMI REDDY RAGAVENDRA REDDY
41	U17CE049	MARLAPATI NAVEEN
42	U17CE050	PALAPARTHI NAGARAJU
43	U17CE051	GOLLA DINESH
44	U17CE052	PERIVEMULA CHARITHA
45	U17CE053	M. VENKATA SAI SABAREESH
46	U17CE054	CHUNCHU SRUJAN

Head of the Department
Department of Civil Engineering
Bharath Institute of Higher Education & Research
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Selaiyur, Chennai-600 073. INDIA

Value Added Course on Geotechnical Engineering

Content of Syllabus

S.No.	Syllabus Details	No. of Lecture Hours	Date
1	Introduction	1 Hour	10.01.18
2	Origin and Definition of Soils	1 Hour	
3	Classification of Soils and Challenging Situations	1 Hour	11.01.18
4	Soil constituents and Particulate Nature of the Soils	1 Hour	
5	Soil Aggregate and Phase Relations and Classification of Soils	1 Hour	12.01.18
6	Particle Size Analysis of Fine grained Soils and Sieve Analysis	1 Hour	
7	Soil-water Interaction - 1	1 Hour	18.01.18
8	Soil-water Interaction - II	1 Hour	
9	Compaction Characteristics of Soil- I	1 Hour	19.01.18
10	Compaction Characteristics of Soil- II	1 Hour	
11	Permeability of Soil and Ground Water Flow- I	1 Hour	22.01.18
12	Permeability of Soil and Ground Water Flow- II	1 Hour	
13	Coefficient of Permeability	1 Hour	23.01.18
14	Seepage Theory	1 Hour	
15	Applications of Seepage Theory	1 Hour	24.01.18
16	Flow Net in the Earthen Dam -I	1 Hour	
17	Flow Net in the Earthen Dam -II	1 Hour	25.01.18
18	Stresses in the Soil Mass due to External Loadings- I	1 Hour	
19	Stresses in the Soil Mass due to External Loadings- II	1 Hour	29.01.18
20	Stresses in the Soil Mass due to External Loadings- III	1 Hour	
21	Compression Characteristics of Soils- I	1 Hour	30.01.18
22	Compression Characteristics of Soils- II	1 Hour	
23	Compression Characteristics of Soils- III	1 Hour	31.01.18
24	Consolidation of soils	1 Hour	
25	One Dimensional Consolidation Theory of soils	1 Hour	01.02.18
26	Consolidation Characteristics of soils	1 Hour	
27	Shear Strength of Soil	1 Hour	02.02.18
28	Determination of Shear Properties of Soil	1 Hour	
29	Stability of Slopes	1 Hour	05.02.18
30	Preventive Measures for failure of Slopes	1 Hour	

HOD CIVIL

Head of the Department
Department of Civil Engineering
Bharath Institute of Higher Education
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Selaiyur, Chennai-600 073. INDIA



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH
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Topic: Geotechnical Engineering

Type of Course: value added course / UG

Department of school of Civil and infrastructure Engineering

Pre-Requisites: Engineering Geology

Course Duration: 30 hours (10 Jan' 18)

Intended Audience: Civil Engineering Students

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

Coordinators: Dr. R. Venkata krishnaiah & S. Rajesh

Objective:

- a) Developed competence in the principles of soil mechanics and application in engineering practice.
- b) Ability to list the relevant engineering properties of soils and their characteristics and describe the factors which control these properties.
- c) Apply laboratory methods of determining the properties of soils.
- d) Ability to identify common situations when the soil becomes a factor in an engineering or environmental problem.
- e) Ability to apply basic analytical procedures to obtain the engineering quantity desired and understand their limitations.

COURSE OUTLINE:

Geotechnical engineering, also known as geotechnics, is the branch of civil engineering concerned with the engineering behavior of earth materials. It uses the principles and methods of soil mechanics and rock mechanics for the solution of engineering problems and the design of engineering works. It also relies on knowledge of geology, hydrology, geophysics, and other related sciences.

Geotechnical engineering is important in civil engineering, but also has applications in military, mining, petroleum, coastal, ocean, and other engineering disciplines that are concerned with construction occurring on the surface or within the ground, both onshore and offshore. The fields of geotechnical engineering and engineering geology are closely related, and have large areas of overlap. However, while geotechnical engineering is a specialty of civil engineering, engineering geology is a specialty of geology: they share the same principles of soil mechanics and rock mechanics, but may differ in terms of objects, scale of application, and approaches.

The tasks of a geotechnical engineer comprise the investigation of subsurface conditions and materials; the determination of the relevant physical, mechanical, and chemical properties of these materials; the design of earthworks and retaining structures (including dams, embankments, sanitary landfills, deposits of hazardous waste), tunnels, and structure foundations; the monitoring of site conditions, earthwork, and foundation construction; the evaluation of the stability of natural slopes and man-made soil deposits; the assessment of the risks posed by site conditions; and the prediction, prevention, and mitigation of damage caused by natural hazards (such as avalanches, mud flows, landslides, rockslides, sinkholes, and volcanic eruptions)



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ABET

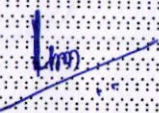
**BHARATH INSTITUTE OF SCIENCE AND
 TECHNOLOGY**

CERTIFICATE OF PARTICIPATION

This is to Certify that SRIRAM P A, Bharath Institute of Higher Education and Research, has participated in value added course on 'Geotechnical engineering', presented by **Dr. Venkata Krishnaiah. R, Professor, School of Civil & Infrastructure Engineering, BIHER**, Organized by School of Civil & Infrastructure Engineering, Bharath Institute of Science & Technology, BIHER on 10th Jan 2018.


 Coordinator


 Co-Coordinator


 HOD, Civil Engineering

Head of the Department
 Department of Civil Engineering
 Bharath Institute of Higher Education & Research
 Deemed to be Deemed to be University by UGC Act 1956
 Selenia, Chennai-600 073, INDIA



Bharath

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

SCHOOL OF INFRASTRUCTURE ENGINEERING

VALUE ADDED COURSE -GEOTECHNICAL ENGINEERING

Date: 10.01.2018

Year/Sem: II /IV



Online Feedback

Value added course on Geotechnical engineering

Sl.NO	Email Address	Name	Reg number	Institute	Designation *	Phone Number	Rating for the session (1 to 5)	Feedback *
1	vikashmathi2012@gmail.com	M. VIKASH	U17CE002	Bharath Institute of higher education and research	Student	9942841465	5	It's great to learn new staffs. thank you
2	ebaish18@gmail.com	AISHWARYA .C	U17CE003	Bharath Institute of higher education and research	Student	9841549522	5	Good
3	venk4147@gmail.com	KALLAM VENKATA REDDY	U17CE005	Bharath Institute of higher education and research	Student	9052918828	4	Very good
4	rosannilling@gmail.com	ROSHAN NILLING GUHA	U17CE006	Bharath Institute of higher education and research	Student	9174828427	5	nice presentation almost covered all topics related to
5	Dilipramya1406@Gmail.com	DILIP KUMAR .G	U17CE007	Bharath Institute of higher education and research	Student	9382112361	3	The software that is available in a variety
6	larryziras@gmail.com	LARRY LALNUNZIRA	U17CE008	Bharath Institute of higher education and research	Student	8729947993	4	Good session
7	praveenvictory505@gmail.com	PRAVEEN KUMAR .S	U17CE009	Bharath Institute of higher education and research	Student	9884444190	4	good
8	maddyaustin316@gmail.com	MATHAVAN .S	U17CE010	Bharath Institute of higher education and research	Student	8754464893	5	Very informative video
9	littledeepak46@gmail.com	DEEPAK KUMAR .N	U17CE011	Bharath Institute of higher education and research	Student	9585504266	5	It was well efficient to know in detail.
10	mullaivendhan949@gmail.com	D.MULLAIVENDHAN	U17CE012	Bharath Institute of higher education and research	Student	9894321511	4	The session was very good
11	kumarraghav333@gmail.com	REGHAKUMAR MUTHUKUMAR	U17CE013	Bharath Institute of higher education and research	Student	9665708936	4	Good
12	tajammulafroz@gmail.com	TAJAMMUL AFROZ	U17CE014	Bharath Institute of higher education and research	Student	9931855153	4	Nice
13	keshavkhan1999@gmail.com	KESAVA RANGANATH	U17CE015	Bharath Institute of higher education and research	Student	9710429549	1	Very good
14	Kishorgkv30@gmail.com	KISHORE .G	U17CE017	Bharath Institute of higher education and research	Student	8940442197	4	Good
15	rubeshragul17@gmail.com	RUBESH .V	U17CE018	Bharath Institute of higher education and research	Student	9841808017	5	Excellent
16	jaikishen91@gmail.com	JAIKISHEN .S	U17CE019	Bharath Institute of higher education and research	Student	9840542829	4	Well organised session

Online Feedback

Value added course on Geotechnical engineering

Sl.NO	Email Address	Name	Reg number	Institute	Designation *	Phone Number	Rating for the session (1 to 5)	Feedback *
17	pavanmaneesh.talasu@gmail.com	TALASU PAVAN MANEESH	U17CE021	Bharath Institute of higher education and research	Student	9885147485	1	The session was pretty good, and I've gotta listened clearly.
18	sayapaneni69@gmail.com	SAYATUNENI PRASANNA KU	U17CE022	Bharath Institute of higher education and research	Student	7285997033	4	Very good
19	kpsgopal2000@gmail.com	KUNDEPI PAWAN SAI GOPAL	U17CE023	Bharath Institute of higher education and research	Student	9841043943	5	Excellent webinar that i have never seen.
20	kshyam2791@gmail.com	KONJENGBAM SHYAM SING	U17CE024	Bharath Institute of higher education and research	Student	9841043943	3	Good explanation
21	chintalabrothers11@gmail.com	CHINTALAAKHIL KRISHNA	U17CE025	Bharath Institute of higher education and research	Student	9966640115	5	good
22	ashokreddy8264@gmail.com	MUTHURU ASHOK KUMAR R	U17CE026	Bharath Institute of higher education and research	Student	9848224716	5	good
23	manirockzz371@gmail.com	VARIKUTTI AYAPPA	U17CE027	Bharath Institute of higher education and research	Student	9182348297	5	Very much informative session.
24	gadetejasaireddy@gmail.com	GABE TEJA SAI REDDY	U17CE028	Bharath Institute of higher education and research	Student	9182270182	5	Good
25	chinthalapudimuralikrishna5@gmail.com	CHINTALAPUDI NAGA MUR	U17CE029	Bharath Institute of higher education and research	Student	9553664841	3	Over all session was use full and filled with contents
26	nishanthvijay62@gmail.com	NISHANTH RAJ .K	U17CE030	Bharath Institute of higher education and research	Student	9382107732	5	Good
27	saipranay4181@gmail.com	GADAEWAR SAI PRANAY	U17CE031	Bharath Institute of higher education and research	Student	9963967474	5	Good
28	rp7842197222@gmail.com	RAGHAVAREDDY PRASANT	U17CE032	Bharath Institute of higher education and research	Student	9581187506	4	It was very helpful
29	chilakasathish664@gmail.com	CHILAKA SATHISH REDDY	U17CE033	Bharath Institute of higher education and research	Student	9492657904	4	Good
30	choudharyjayant689@gmail.com	JAYANT CHODHARY	U17CE035	Bharath Institute of higher education and research	Student	7999935872	5	Good
31	sriramchennai2@gmail.com	SRIRAM P.A.	U17CE037	Bharath Institute of higher education and research	Student	9952181664	4	Good
32	kommuruani11998@gmail.com	KOMMURU ANIL REDDY	U17CE038	Bharath Institute of higher education and research	Student	9010913489	5	Very informative and useful

Online Feedback

Value added course on Geotechnical engineering

Sl.NO	Email Address	Name	Reg number	Institute	Designation *	Phone Number	Rating for the session (1 to 5)	Feedback *
33	crvikramkumar99@gmail.com	VIKRAM KUMAR .A	U17CE039	Bharath Institute of higher education and research	Student	9842143489	5	Good
34	iliyasuddin26@gmail.com	SHAIK ILIYAS	U17CE040	Bharath Institute of higher education and research	Student	9502544813	4	Good
35	ehteshyamudfin@gmail.com	MOHAMMED EHTESHYAMU	U17CE041	Bharath Institute of higher education and research	Student	9700555345	3	Good
36	ramlaxmankakarla173137@gmail.com	KAKARLA RAMA NAIDU	U17CE042	Bharath Institute of higher education and research	Student	7287033416	5	Very good
37	saikumarilluri222@gmail.com	ILLURI JAYA VENKATA SIVA	U17CE043	Bharath Institute of higher education and research	Student	9963445449	5	Good
38	sasikumarreddy14@gmail.com	PALAVELLI SASI KUMAR RED	U17CE045	Bharath Institute of higher education and research	Student	7893842066	5	Very good
39	hhanumanthareddy2000@gmail.com	MOOLA HANUMANTHA RED	U17CE046	Bharath Institute of higher education and research	Student	9182197104	5	nice presentation almost covered all topics related to
40	reddy590@gmail.com	YEMI REDDY RAGAVENDRA	U17CE047	Bharath Institute of higher education and research	Student	7330851493	5	Very good
41	naveenlovely991@gmail.com	MARLAPATI NAVEEN	U17CE049	Bharath Institute of higher education and research	Student	8639650606	4	Very good
42	nagrajpalaparthi1999@gmail.com	PALAPARTHI NAGARAJU	U17CE050	Bharath Institute of higher education and research	Student	7658979772	4	Good
43	dineshdinnu745@gmail.com	GOLLA DINESH	U17CE051	Bharath Institute of higher education and research	Student	7989208217	4	Good
44	charithaperivemula@gmail.com	PERIVEMULA CHARITHA	U17CE052	Bharath Institute of higher education and research	Student	9848477202	5	Good
45	saisabareesh098@gmail.com	M. VENKATA SAI SABAREES	U17CE053	Bharath Institute of higher education and research	Student	9949971343	5	Good
46	srujanvarma999@gmail.com	CHUNCHU SRUJAN	U17CE054	Bharath Institute of higher education and research	Student	9121645008	5	Good

Lmm
HOD / (civil)

Head of the Department
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INSTITUTE OF HIGHER EDUCATION AND RESEARCH

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BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY

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

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

Date: 22/01/2018

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 Health Engineering** with the duration of 30 hours (one hour per day) and commences from **01/02/2018**.

Eligibility: Course is open for UG Students of Department School of Civil and Infrastructure 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 5 days before the commencement of course.

Contact:

Ms.K.Anitha

Assistant Professor / School of Civil and Infrastructure Engineering.,

Course Coordinator

Bharath Institute of Higher Education & Research.

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

HOD

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SCHOOL OF CIVIL AND INFRASTRUCTURE ENGINEERING
VALUE ADDED COURSE
ENVIRONMENTAL HEALTH ENGINEERING
STUDENTS NAME LIST

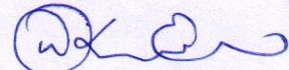
Sl.NO	Reg No	Name Of The Students
1	U17CE002	M. VIKASH
2	U17CE003	AISHWARYA .C
3	U17CE005	KALLAM VENKATA REDDY
4	U17CE006	ROSHAN NILLING GUHA
5	U17CE007	DILIP KUMAR .G
6	U17CE008	LARRY LALNUNZIRA
7	U17CE009	PRAVEEN KUMAR .S
8	U17CE010	MATHAVAN .S
9	U17CE011	DEEPAK KUMAR .N
10	U17CE012	D.MULLAIVENDHAN
11	U17CE013	REGHAKUMAR MUTHUKUMAR
12	U17CE014	TAJAMMUL AFROZ
13	U17CE015	KESAVA RANGANATH
14	U17CE017	KISHORE .G
15	U17CE018	RUBESH .V
16	U17CE019	JAIKISHEN .S
17	U17CE021	TALASU PAVAN MANEESH
18	U17CE022	SAYATUNENI PRASANNA KUMAR
19	U17CE023	KUNDEPI PAWAN SAI GOPAL
20	U17CE024	KONJENBAM SHYAM SINGH
21	U17CE025	CHINTALAAKHIL KRISHNA
22	U17CE026	MUTHURU ASHOK KUMAR REDDY
23	U17CE027	VARIKUTTI AYAPPA
24	U17CE028	GABE TEJA SAI REDDY
25	U17CE029	CHINTALAPUDI NAGA MURALI KRISHNA
26	U17CE030	NISHANTH RAJ .K
27	U17CE031	GADAEWAR SAI PRANAY
28	U17CE032	RAGHAVAREDDY PRASANTH REDDY
29	U17CE033	CHILAKA SATHISH REDDY
30	U17CE035	JAYANT CHODHARY
31	U17CE037	SRIRAM P.A.
32	U17CE038	KOMMURU ANIL REDDY
33	U17CE039	VIKRAM KUMAR .A
34	U17CE040	SHAIK ILIYAS
35	U17CE041	MOHAMMED EHTESHYAMUDDIN
36	U17CE042	KAKARLA RAMA NAIDU
37	U17CE043	ILLURI JAYA VENKATA SIVA SAI KUMAR
38	U17CE045	PALAVELLI SASI KUMAR REDDY
39	U17CE046	MOOLA HANUMANTHA REDDY
40	U17CE047	YEMI REDDY RAGAVENDRA REDDY
41	U17CE049	MARLAPATI NAVEEN
42	U17CE050	PALAPARTHI NAGARAJU
43	U17CE051	GOLLA DINESH
44	U17CE052	PERIVEMULA CHARITHA
45	U17CE053	M. VENKATA SAI SABAREESH


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Environmental Health Engineering

Content of Syllabus

S.No.	Syllabus Details	No. of Lecture Hours
1	Impact of Development and Water Pollution	1 Hour
2	Ecology and ecosystems Impact of development, land use and natural resource management	1 Hour
3	Cause and effects of environmental pollution.	1 Hour
4	Natural Processes: Pollution due t	1 Hour
5	Industrial, agriculture and municipal wastes	1 Hour
6	Limitation of disposal of dilution.	1 Hour
7	BOD considerations in streams.	1 Hour
8	Water Pollution control legislation.	1 Hour
9	Air and Noise Pollution and Control	1 Hour
10	Pollutants and their sources	1 Hour
11	Effect of pollution of human wealth, vegetation	1 Hour
12	Air pollution control legislation	1 Hour
13	Noise pollution, sources and effects, Control measures.	1 Hour
14	Solid Wastes Management	1 Hour
15	Water Control Sources, Characteristics Quantities	1 Hour
16	Collection methods and disposal techniques Sanitary, landfill	1 Hour
17	-Incineration and pyrolysis,	1 Hour
18	Composting, water borne diseases of mosquitoes, flies, rodents.	1 Hour
19	Rational control and naturalistic methods of control	1 Hour
20	uses and limitations of pesticides	1 Hour
21	Engineering measures of water control.	1 Hour
22	Food & Milk Sanitation	1 Hour
23	Relation of food to disease	1 Hour
24	Principles of food sanitation	1 Hour
25	Sanitation of Kitchen in restaurants and other catering establishments	1 Hour
26	Quality changes in milk	1 Hour
27	Milk as carrier of infection	1 Hour
28	Pasteurization of milk	1 Hour
29	HTST and LTLT processes.	1 Hour
30	Cattle shed sanitation.	1 Hour



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Topic: Environmental Health Engineering

Type of Course: value added course / UG

School of Civil and Infrastructure Engineering

Pre-Requisites: Environmental Engineering

Course Duration: 30 hours (01 Feb' 18)

Intended Audience: Civil Engineering Students

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

Coordinators: Ms.K.Anitha

Objective:

- a) To learn about the air pollutants, sources and its effects.
- b) To have a clear understanding on the air quality standards and its techniques.
- c) To determine the fluid resistance for organic materials.
- d) To find the Properties of air pollution and its control measures.
- e) To learn about the effects and the sources of noise pollution.

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Environmental Health Engineering Course outline:

Pollution is the contamination, harm, or disruption of the natural environment through the emissions of harmful substances. Pollution is most typically associated with anthropogenic sources but can also occur from natural activity, such as volcanic eruptions. Pollution can impact air, water, and land. Pollutants include domestic, industrial, and agricultural waste. It comes in many different forms and can be chemical substances or noise, heat, or light. Pollution can be either point source or nonpoint source. Point source is a specific and easily identifiable source of pollution, such as a factory or power plant. Nonpoint sources consist of many small, distributed sources of a pollutant that are difficult to individually identify and on their own may not be that harmful but in aggregate are significant sources of pollution. A classic example of nonpoint source would be soap detergents, fertilizers, and other commonly used chemicals and products from many residences and businesses that then contaminate watersheds with high levels of nitrogen. Nonpoint sources tend to be more complex to regulate for pollution emissions. Pollution is not just toxic substances; it can be pollutants that are actually part of a healthful ecosystem in the proper quantities, such as nitrogen or carbon dioxide, but that in excessive quantities alter the normal functioning of an ecosystem resulting in harm to the ecosystem. Pollution can range from highly dangerous radioactive materials to airborne dust (a substance that is typically benign) resulting from land erosion. Air pollution, the contamination of the atmosphere by airborne pollutants, is most often related to combustion of fuel from either stationary or mobile sources. Stationary sources include the smoke stacks of factories, power plants, and furnaces or boilers. Mobile sources refer to motor vehicles, aircraft, and other forms of fossil-fuel-based transportation. Paints, chemicals, and aerosol sprays also can pollute the air. Natural sources of air pollution include dust, methane from livestock, volcanic activity, wildfires, and even vegetation.


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VALUE ADDED COURSE

Feedback Form

Event Name: Environmental Health Engineering

Event Venue: Date: 01/02/2018

Name of participant: Jaikishen S

1. How useful did you think this event was for you?

(Please circle the appropriate number where 1 = not at all useful and 5 = extremely useful)

1	2	3	4	5 ✓
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2. Value added course is useful and well organized.

YES ✓	NO
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3. Did you receive all the information you required at this Venue?

YES ✓	NO
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4. Would you like to attend any further Training Courses VAC

YES ✓	NO
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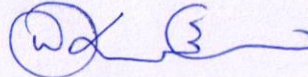


BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY

CERTIFICATE OF PARTICIPATION

This is to Certify that M. VIKASH, Bharath Institute of Higher Education and Research, has participated in value added course on 'Environmental Health Engineering', presented by Ms.K.Anitha, Assistant Professor, School of Civil & Infrastructre Engineering, BIHER, Organized by School of Civil & Infrastructre Engineering, Bharath Institute of Science & Technology, BIHER from 1st Feb 2018 to 1st March 2018.


Coordinator



HOD, Civil Engineering
Head of the Department

Department of Civil Engineering
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SCHOOL OF CIVIL AND INFRASTRUCTURE ENGINEERING

VALUE ADDED COURSE

ENVIRONMENTAL HEALTH ENGINEERING

Date: 01.02.2018

Year/Sem: II /IV



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BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY
No.173, Agharam Road, Selaiyur, Chennai , T.N - 600 073.

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

Date:22/03/2018

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 Management and Sustainable Development** with the duration of 30hours (one hour per day) and commences from **02/04/2018**.

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:

Mrs.L.Maria Subashini

Associate Professor / Department of Civil Engineering,

Course Coordinator

Bharath Institute of Higher Education & Research.

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

HOD/CIVIL

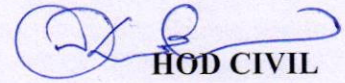
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Content of Syllabus

S.No	Syllabus Details	No. of Lecture hrs	Time	Date	Lecture name
1	Introduction	1 hrs	10.00 am to 11.00 pm	2.4.2018	L.Maria Subashini
2	Principles of Environmental Management	1 hrs	11.00 am to 12.00 pm		L.Maria Subashini
3	Policy and Legal Aspects of EM	1 hrs	10.00 am to 11.00 pm	5.4.2018	L.Maria Subashini
4	Environmental Impact Assessment (EIA)	1 hrs	11.00 am to 12.00 pm		L.Maria Subashini
5	EIA Documentation and Processes	1 hrs	10.00 am to 11.00 pm	6.4.2018	L.Maria Subashini
6	Environmental Auditing	1 hrs	11.00 am to 12.00 pm		L.Maria Subashini
7	Life Cycle Assessment (LCA)	1 hrs	10.00 am to 11.00 pm	7.4.2018	L.Maria Subashini
8	Environmental Management System Standards	1 hrs	11.00 am to 12.00 pm		L.Maria Subashini
9	Environmental Management Techniques	1 hrs	10.00 am to 11.00 pm	8.4.2018	L.Maria Subashini
10	Environmental Design	1 hrs	11.00 am to 12.00 pm		L.Maria Subashini
11	Environmental Economics	1 hrs	10.00 am to 11.00 pm	9.4.2018	L.Maria Subashini
12	Sustainability Concepts – Innovations and Challenges	1 hrs	11.00 am to 12.00 pm		L.Maria Subashini
13	Ecology, Population & Environmental Chemistry	1 hrs	10.00 am to 11.00 pm	12.4.2018	L.Maria Subashini

14	Physical Process in Environment	1 hrs	11.00 am to 12.00 pm		L.Maria Subashini
15	Environmental Biological Concepts	1 hrs	10.00 am to 11.00 pm	13.4.2018	L.Maria Subashini
16	Environmental Risk Assessments with Concepts of EIA and LCA	1 hrs	11.00 am to 12.00 pm		Dr.B.Saritha
17	Water – Quantity and Quality	1 hrs	10.00 am to 11.00 pm	14.4.2018	Dr.B.Saritha
18	Water Treatment Basics	1 hrs	11.00 am to 12.00 pm		Dr.B.Saritha
19	Basics of Wastewater Collection, Treatment & Resource Recovery	1 hrs	10.00 am to 11.00 pm	15.4.2018	Dr.B.Saritha
20	Basics of Solid Waste, Soil and Noise Pollution	1 hrs	11.00 am to 12.00 pm		Dr.B.Saritha
21	Basics of Air Pollution Issues – Global and Local	1 hrs	10.00 am to 11.00 pm	16.4.2018	Dr.B.Saritha
22	Case Studies	1 hrs	11.00 am to 12.00 pm		Dr.B.Saritha
23	Climate change adaptation & green and blue infrastructure	1 hrs	10.00 am to 11.00 pm	19.4.2018	Dr.B.Saritha
24	Drivers of change & systems thinking	1 hrs	11.00 am to 12.00 pm		Dr.B.Saritha
25	Sustainable living & principles of ecological design	1 hrs	10.00 am to 11.00 pm	20.4.2018	Dr.B.Saritha
26	Climate change mitigation & the low-carbon economy	1 hrs	11.00 am to 12.00 pm		Dr.B.Saritha
27	Citizen engagement & creativity in rethinking the future	1 hrs	10.00 am to 11.00 pm	21.4.2018	Dr.B.Saritha
28	Sustainability & civilisation	1 hrs	11.00 am to 12.00 pm		Dr.B.Saritha
29	Navigating towards	1 hrs	10.00 am	22.4.2018	Dr.B.Saritha

	sustainability		to 11.00 pm	8	
30	Global challenges & urban futures	1 hrs	11.00 am to 12.00 pm		Dr.B.Saritha


HOD CIVIL

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INSTITUTE OF HIGHER EDUCATION AND RESEARCH
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Topic: Environmental Management and Sustainable Development

Type of Course: Value added course / UG

Department of school of Civil and infrastructure Engineering

Pre-Requisites: Environmental Science

Course Duration: 30 hours (2 April' 18)

Intended Audience: Civil Engineering Students

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

Coordinators: L.Maria Subashini & Dr. B. Saritha


Objective:

- a) To impart an understanding of systems approach to Environmental Management and skills for environmental performance in terms of legal compliance, pollution prevention and continual improvement.
- b) To understand the environmental, social and economic dimensions of sustainability and the principles evolved through landmark events so as to develop an action mindset for sustainable development.
- c) To understand the importance of natural resources and strategies for its sustainable management.

Head of the Department
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COURSE OUTLINE:

This course introduces to the best environmental technologies for a sustainable development and how they are managed in various settings around the world. This course gives an opportunity to learn about global trends that influence our environment and the living conditions and how different management systems and approaches that are used around the world to manage the environment. This includes current environmental technologies built for the environment and technologies for sustainable soil management, groundwater protection methods and integrated Water resources management. The course will cover basic concepts of ecology, water pollution, water and wastewater quality and treatment, solid and hazardous waste management, soil and noise pollution, sustainability concepts including Environmental Impact Assessment, Life Cycle Assessment, Waste Minimization, Circular Economy and Sustainable Development Issues. Unplanned developmental activities as well as ever-increasing population have caused enormous strain on the environment resources and hence societies across the world face several problems of environmental degradation. However, it is imperative to maintain a balance between the capacity of the environment and the sustainable utilization of resources. This is only possible by understanding the environment in its totality and the principles of its scientific management. Today, 'Environment Management' (EM) is a significant term. To comprehend the term, one must understand the issues that relate to it. Development activities related to population growth can lead to environmental degradation in a number of ways, not least depletion of resources. The critical task of EM is to balance the capacity of the environment against developmental requirements effectively. This task can be achieved through application of sustainable development/utilization mechanisms which are based on scientific principles of environment.


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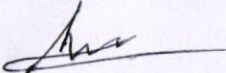


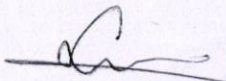
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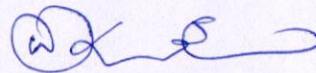
CERTIFICATE OF PARTICIPATION

This is to Certify that Golla Dinesh, Bharath Institute of Higher Education and Research, has participated in value added course on 'Environmental Management and Sustainable Development', presented by L.Maria Subashini, Assistant Professor, School of Civil & Infrastructure Engineering, BIHER, Organized by School of Civil & Infrastructure Engineering, Bharath Institute of Science & Technology, BIHER from 2nd

April 2018 to 22th April 2018


Coordinator


Co-Coordinator


HOD, Civil Engineering
Head of the Department
Department of Civil Engineering
Bharath Institute of Higher Education & Research
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Selaiyur, Chennai-600 073. INDIA

VALUE ADDED COURSE

Feedback Form

Event Name:

Environmental Management & Sustainable

Event Venue: Date:

Department of school of ^{Dev} Civil &
Infrastructure Engg

Name of participant:

Perivenmularachartha

24/2018
to 25/4/18

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

1

2

3

4

5

2. Describe what topic is good.

Sustainability Principles

3. What aspects of the course we improve.

4. What else would you like to see added.



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

SCHOOL OF CIVIL AND INFRASTRUCTURE ENGINEERING

VALUE ADDED COURSE –Environmental Management and Sustainable Development

Date: 2.04.2018

Year/Sem: II /IV



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BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY
No.173, Agharam Road, Selaiyur, Chennai , T.N - 600 073.

Ref: BIHER/BIST/Civil//Spl/2017

Date: 26/06/2017

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 School of Civil and Infrastructure Engineering, Bharath Institute of Higher Education & Research. The course offered is **SKILL DEVELOPMENT COURSE ON HAND BLOCK PRINTING** with the duration of 30 hours (Two hour per day) and commences from **07/07/2017**.

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.S.J.MOHAN

Professor / School of Civil and Infrastructure Engineering

Course Coordinator

Bharath Institute of Higher Education & Research.

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

HOD

Head of the Department
Department of Civil Engineering
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SCHOOL OF CIVIL AND INFRASTRUCTURE ENGINEERING**VALUE ADDED COURSE****SKILL DEVELOPMENT COURSE ON HAND BLOCK PRINTING****Date: 07.07.2017****Year/Sem: II /IV****STUDENTS NAME LIST**

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50	U16CE054	NITHYANANDAM S	6374506633	godspeed5173@gmail.com

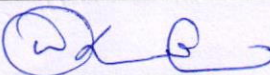


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Value Added Course on Skill Development course on Hand Block Printing

Content of Syllabus

S.No.	Syllabus Details	No. of Lecture hrs	Time am / pm	Date	Lecture name
1	Introduction	1 hrs	09.30-10.30	07/07/20	Dr.S.J.Mohan
2	The History Of Hand Block Printing	1 hrs	11.00-12.00		Dr.S.J.Mohan
3	The origin of Woodblock h	1 hrs	01.30-02.30	07/07/20	Dr.S.J.Mohan
4	Process of woodblock printing	1 hrs	03.00-04.00		Dr.S.J.Mohan
5	Hand block printing done on textiles-I	1 hrs	09.30-10.30	08/07/20	Dr.S.J.Mohan
6	Hand block printing done on textiles-II	1 hrs	11.00-12.00		Dr.S.J.Mohan
7	Making the Wood Block I	1 hrs	01.30-02.30	08/07/20	Dr.S.J.Mohan
8	Making the Wood Block-II	1 hrs	03.00-04.00		Dr.S.J.Mohan
9	Use of Chopped Wooden Logs	1 hrs	09.30-10.30	10/07/20	Dr.S.J.Mohan
10	Block Master Carving Wooden Block	1 hrs	11.00-12.00		Dr.S.J.Mohan
11	Wood Block Making	1 hrs	01.30-02.30	10/07/20	M/s.R.Chithra
12	Preparing The Fabric -I	1 hrs	03.00-04.00		M/s.R.Chithra
13	Preparing The Fabric - II	1 hrs	09.30-10.30	11/07/20	M/s.R.Chithra
14	Preparing The Fabric - III	1 hrs	11.00-12.00		M/s.R.Chithra
15	Colors and dyes for Block Printing - I	1 hrs	01.30-02.30	11/07/20	M/s.R.Chithra
16	Colors and dyes for Block Printing - II	1 hrs	03.00-04.00		M/s.R.Chithra
17	Colors and dyes for Block Printing- III	1 hrs	09.30-10.30	12/11/20	M/s.R.Chithra
18	Color Mixed And Filtered In Bucket	1 hrs	11.00-12.00		M/s.R.Chithra
19	Preparing Color Tray - I	1 hrs	01.30-02.30	12/11/20	Dr.S.J.Mohan
20	Preparing Color Tray - II	1 hrs	03.00-04.00		Dr.S.J.Mohan
21	Printing Blocks On The Fabric - I	1 hrs	09.30-10.30	13/11/20	Dr.S.J.Mohan
22	Printing The Blocks On The Fabric - II	1 hrs	11.00-12.00		Dr.S.J.Mohan
23	Fabric Pinning On The Table	1 hrs	01.30-02.30	13/11/20	Dr.S.J.Mohan
24	Border Block Printing - I	1 hrs	03.00-04.00		Dr.S.J.Mohan
25	Border Block Printing - II	1 hrs	09.30-10.30	14/11/20	Dr.S.J.Mohan
26	Dyed Fabrics	1 hrs	11.00-12.00		Dr.S.J.Mohan
27	Post block printing optional processes	1 hrs	01.30-02.30	14/11/20	Dr.S.J.Mohan
28	Fabric Steaming For Color Fastness	1 hrs	03.00-04.00		Dr.S.J.Mohan
29	Cloths Hung Dry After Washing	1 hrs	09.30-10.30	15/11/20	Dr.S.J.Mohan
30	Hand Block Printing In India	1 hrs	11.00-12.00		Dr.S.J.Mohan


HOD CIVIL

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Topic: Skill Development course on Hand Block Printing

Type of Course: value added course / UG

Department of school of Civil and infrastructure Engineering

Pre-Requisites: Computer Aided Civil Engineering Drawing

Course Duration: 30 hours (10 Jan' 18)

Intended Audience: Civil Engineering Students

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

Coordinators: Dr. S.J.Mohan and R. Chitra

Objective:

- a) Developed competence in the area of Block Printing.
- b) Ability to list the relevant engineering applications of computer aided printing.
- c) Apply on industrial components and civil engineering drawings.
- d) Ability to develop carving a desired pattern .
- e) Ability to apply covering wooden block with ink or dye and then stamping

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COURSE OUTLINE:

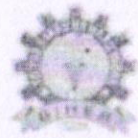
Hand block printing technique with the use of wooden blocks is a technique entirely done by hands without the use of any machines. In a nutshell, it is the technique of dipping hand carved wooden blocks in color trays and then stamping the block on the fabric imprinting the design carved on the block on the fabric permanently.

Woodblock printing technique is one of the oldest techniques of printing on textile and paper known to man. Woodblock printing is widely used throughout the Eastern part of Asia for printing pictures text or printing majorly on textiles but also on paper. The art of block printing was originated in China with the evidences dating back roughly to 220 AD. technique of woodblock printing initiated with printing on textiles it later was started to be used for paper. Till 19th century block printing was a still the most popular technique of printing in various parts of the world. Before the invention of woodblock printing majority of the printing was done using seals and stamps with which impressions were made in which date back to around 3000 BC in Mesopotamia. The technique of hand block printing came to India around 12th century from China. It was during this time that some towns of India majorly on the coastlines started getting famous for printed cottons. Diamond sutra hand block printed on a textile which is currently kept at the British museum is the earliest example of block printing on textiles with an exact date dating back to 868 AD. The technique of block printing latest write two parts of Europe. unlike the common perception areas near Surat including Surat and parts of South India and Bengal were the areas where initially the hand block printing was adapted.

Seasoned wood logs are cut into flat pieces. Then the flat finished wooden log piece is painted with white chalk paste on one side. First design is drawn on paper. The drawing is then traced on the white chalk paste surface. The with the use of different types of chisels, the block maker carves the design on the wooden log. It takes roughly a full day to two days to complete one block depending on the intricacy of the design. Multiple see through holes are drilled in the block to avoid air locking and discharging any excess color while stamping the block on the material. In the end handles are hammered in the block. At some places the handle is also carved in wood along with the flat portion from the log itself making it much more durable. The blocks, once complete are then soaked into oil for at least 10-15 days which softens the grains of the block. The blocks are regularly brushed and washed after usage in printing.



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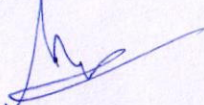
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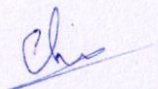


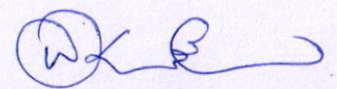
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CERTIFICATE OF participation

This is to Certify that AJAY.M, Bharath Institute of Higher Education and Research, has participated in value added course on “Skill Development course on Hand Block Printing” presented by Dr. S.J.Mohan, Professor, School of Civil & Infrastructure Engineering, BIHER, Organized by School of Civil & Infrastructure Engineering, Bharath Institute of Science & Technology, BIHER on 7th July 2017 to 15th July 2017.


Coordinator


Co-Coordinator


HOD, Civil Engineering

Head of the Department
Department of Civil Engineering
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SCHOOL OF CIVIL AND INFRASTRUCTURE ENGINEERING

VALUE ADDED COURSE

SKILL DEVELOPMENT COURSE ON HAND BLOCK PRINTING

Date: 07.07.2017

Year/Sem: II /IV



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VALUE ADDED COURSE

Feedback Form

Event Name: Skill Development course on hand block Printing

Event Venue: Date: 26/6/17

Name of participant: Vignesh.V

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

1 2 3 4 5 ✓

2. Describe what topic is good.

All the topic usefull to us & top wood block making

3. What aspects of the course we improve.

—

4. What else would you like to see added.

—