



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/2022

Date: 16/05/2022

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 School of Civil and Infrastructure Engineering, Bharath Institute of Higher Education & Research. The course offered is **Foundation Course on Disaster Management** with the duration of 30 hours (Two hours per day) and commences from **06/06/2022 to 24/06/2022**.

Eligibility: Course is open for UG Students for Department of 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:

Mr. P. Dayakar

Associate Professor

Bharath Institute of Higher Education & Research.

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


HOD

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

Value Added Course

Foundation Course on Disaster Management

Students name list

s.no	Reg.no	Name	e- mail
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Value Added Course

Foundation Course on Disaster Management

Content of Syllabus

S.No.	Syllabus Details	No. of Lecture hrs	Time	Date	Lecture name
1	Introduction to Disasters	1	10.45 am to 11.45am	06.06.22	Mr.P.Dayakar
2	Concepts, and definitions (Disaster, Hazard, Vulnerability, Resilience, Risks)	1	03.00 pm to 04.00 pm	06.06.22	Mr.P.Dayakar
3	Disasters: Classification,	1	10.45 am to 11.45am	07.06.22	Mr.P.Dayakar
4	Disasters: Causes, Impacts	1	03.00 pm to 04.00 pm	07.06.22	Mr.P.Dayakar
5	Differential impacts-in terms of caste, class, gender, age, location, disability.	1	10.45 am to 11.45am	08.06.22	Mr.P.Dayakar
6	Differential impacts-in terms of caste, class, gender, age, location, disability.	1	03.00 pm to 04.00 pm	08.06.22	Mr.P.Dayakar
7	Global trends in disasters urban disasters, pandemics,	1	10.45 am to 11.45am	09.06.22	Mr.P.Dayakar
8	Complex emergencies, Climate change.	1	03.00 pm to 04.00 pm	09.06.22	Mr.P.Dayakar
9	Approaches to Disaster Risk Reduction	1	10.45 am to 11.45am	12.06.22	Mr.P.Dayakar
10	Approaches to Disaster Risk Reduction	1	03.00 pm to 04.00 pm	12.06.22	Mr.P.Dayakar
11	Disaster cycle- its analysis	1	10.45 am to 11.45am	13.06.22	Mr.P.Dayakar
12	prevention, mitigation and preparedness	1	03.00 pm to 04.00 pm	13.06.22	Mr.P.Dayakar
13	prevention, mitigation and preparedness	1	10.45 am to 11.45am	14.06.22	Mr.P.Dayakar
14	Roles and responsibilities of community, States,	1	03.00 pm to 04.00 pm	14.06.22	Mr.P.Dayakar
15	Roles and responsibilities of Centre, and other stake-holders.	1	10.45 am to 11.45am	15.06.22	Mr.P.Dayakar
16	Inter-relationship between Disasters & Development	1	03.00 pm to 04.00 pm	15.06.22	Mr.P.Dayakar

17	Inter-relationship between Disasters & Development	1	10.45 am to 11.45am	16.06.22	Mr.P.Dayakar
18	Climate Change Adaptation. Relevance of indigenous knowledge	1	03.00 pm to 04.00 pm	16.06.22	Mr.P.Dayakar
19	Appropriate technology and local resources	1	10.45 am to 11.45am	19.06.22	Mr.P.Dayakar
20	Hazard and Vulnerability profile of India	1	03.00 pm to 04.00 pm	19.06.22	Mr.P.Dayakar
21	Hazard and Vulnerability profile of India	1	10.45 am to 11.45am	20.06.22	Mr.P.Dayakar
22	Components of Disaster Relief: Water, Food, Sanitation	1	03.00 pm to 04.00 pm	20.06.22	Mr.P.Dayakar
23	Components of Disaster Relief: Shelter, Health	1	10.45 am to 11.45am	21.06.22	Mr.P.Dayakar
24	Waste Management Institutional arrangements	1	03.00 pm to 04.00 pm	21.06.22	Mr.P.Dayakar
25	Mitigation, Response and Preparedness	1	10.45 am to 11.45am	22.06.22	Mr.P.Dayakar
26	Mitigation, Response and Preparedness	1	03.00 pm to 04.00 pm	22.06.22	Mr.P.Dayakar
27	DM Act and Policy	1	10.45 am to 11.45am	23.06.22	Mr.P.Dayakar
28	DM Act and Policy	1	03.00 pm to 04.00 pm	23.06.22	Mr.P.Dayakar
29	Other related policies, plans, programmes and legislation	1	10.45 am to 11.45am	24.06.22	Mr.P.Dayakar
30	Other related policies, plans, programmes and legislation	1	03.00 pm to 04.00 pm	24.06.22	Mr.P.Dayakar


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Topic: Foundation Course on Disaster Management

Type of Course: value added course / UG

Department of school of Civil and infrastructure Engineering

Pre-Requisites: Engineering Geology

Course Duration: 30 hours (6th Jun 2022)

Intended Audience: Civil Engineering Students

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

Coordinator: Dayakar. P

Objectives:

- a) This course aims to make the students well-versed with the latest techniques to protect the society from various disasters.
- b) The students shall be able to understand the effects of various disasters.
- c) Sufficient tutorials will be held to enable hands-on experience to the students
- d) Students will be able to understand the basic concept of disaster(s) and disaster management, their significance and types.
- e) Students will develop the analytical skills to study relationship between vulnerability, disasters, disaster prevention and risk reduction
- f) Students will gain a preliminary understanding of approaches to Disaster Risk Reduction (DRR)
- g) Students will be empowered with the awareness of institutional processes in the country for Disaster Management

COURSE OUTLINE:

This course is being conducted at the UG level to enable students and citizens to recognize the increasing vulnerability of the planet in general and India in particular to disasters. This, it is expected would create a basis to work towards preparedness and also help us develop a culture of safety and prevention. The adoption of a disaster risk reduction perspective in the teaching of the course would be useful. While disasters are generally seen as an outcome of catastrophic natural events, the idea of pre-existing vulnerabilities is equally important. These need to be understood and addressed if disaster impacts are to be minimized.

There has been a considerable policy level intervention in India in recent years and if teachers and young people in each city, district block or village can understand and explore avenues of reducing disaster risks and work towards preparedness the efforts would contribute towards minimizing losses and saving lives.

Disaster Management is a highly multidisciplinary subject wherein rich contributions have been made by the fields of environmental sciences, medicine, geography, geology, sociology, political science, economics, social work profession, psychology, public administration, law, gender studies, engineering sciences, demography and media studies and so on. Therefore, this course at the undergraduate level could be easily taught by faculty members from any discipline.

They must be interested in the subject matter and willing to look at disaster management issues from both a theoretical perspective as well as from a practical standpoint. This would enrich the teaching learning process. While this course has been developed keeping diverse disciplines in mind the teachers in consultation with the college curriculum committee are welcome to improvise and modify the content. Encouraging creativity of teachers is important.



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Value Added Course

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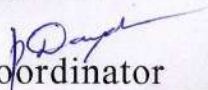
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ACCREDITATION COUNCIL

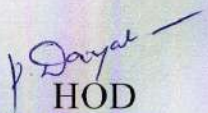


Bharath Institute of Higher Education and Research

CERTIFICATE OF PARTICIPATION

This is to Certify that PRADEEP . K , from Bharath Institute of Higher Education and Research, has participated in value added course on '**Certificate Program in Foundation Course on Disaster Management**' presented by **Mr.P. Dayakar., Associate Professor**, Organized by School of Civil & Infrastructure Engineering, BIHER from **06/06/2022 to 24/06/2022.**


Coordinator


HOD

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VALUE ADDED COURSE

Feedback Form

Event Name: Foundation course on Disaster Management

Event Venue: Date: 20/6/2022

Name of participant: D. Naveesh

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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