

WHO SHOULD ATTEND

This course will be beneficial to a wide spectrum of people in the construction industry starting from city planners to the site engineers. We believe the following professionals are likely to get the maximum benefit: HSE executives, planners, senior management, architects and engineers associated with building and other construction activities.

COURSE DURATION & VENUE

The five day course will start on **December 17, 2012**. Classes will be held at the Industrial Consultancy and Sponsored Research (IC&SR) building, IIT Madras.

HOW TO APPLY

The applicants should send their applications in the specified format. A fee of Rs.19,000/- is to be paid by crossed demand draft drawn on any nationalized bank in favour of **"The Registrar, IIT Madras," payable at Chennai**.

BOARDING AND LODGING

Limited boarding and lodging facilities will be available in the Taramani guest house at IIT Madras and RLI guest house, Chennai. Participants can also avail IIT Madras discounts in the near-by hotels details of which are available in the course website.

IMPORTANT DATES

Early bird registration	: 10-10-2012
Last date for registration	: 10-12-2012
Workshop start date	: 17-12-2012

The application form should be posted to either coordinators address given below:

Dr Venkatesh Balasubramanian
Associate Professor
Department of Engineering Design
Indian Institute of Technology Madras
Chennai – 600 036.

Phone : (+91-44)-2257-5618
Email : iitm.rbg@gmail.com

Dr R. K. Elangovan
Director In-Charge
Regional Labour Institute
1, Sardar Patel Road, TTTI Post
Tharamani, Chennai – 600 113.

Phone : (+91-44)-2235-5690
Email : Chennai.rli@gmail.com

National Workshop

on

Human Factors & Occupational Safety in Construction Industry

<http://ed.iitm.ac.in/~vb/hfconst>

December 17 to 21, 2012



Organized by

Rehabilitation Bioengineering Group (RBG)
Department of Engineering Design
Indian Institute of Technology Madras
Chennai – 600 036

&

Regional Labour Institute
Directorate General Factory Advice Service & Labour Institutes
Ministry of Labour & Employment
1, Sardar Patel Road, Adyar
Chennai – 600 113

National Workshop
on
Human Factors & Occupational Safety in Construction Industry
December 17 to 21, 2012

Application Form

Name (block letter) :

Designation/ Job Description :

Organization :

Address for communication :

Mobile :

E-mail :

Fax :

Highest Academic Qualification:

Specialization :

Experience (in years) :

Accommodation : Required / Not Required
(Not guaranteed and will be given on a first come first serve basis)

All data provided are true to the best of my knowledge and belief. Kindly register me for the workshop on “Optimization Human factors & Occupational safety in Construction Industry” to be held at IIT Madras.

Place:

Date:

Signature of the applicant

OBJECTIVE

Human Factors Engineering is the scientific discipline concerned with the understanding of interactions among human beings and other elements of a system. It applies theory, principles, data and methods to design, in order to optimize human well-being and overall system performance. Ergonomists contribute to the design and evaluation of tasks, jobs, products, environments and systems in order to make them compatible with the needs, abilities and limitations of people.

In a developing country like India where large numbers of construction activities are going on with diverse and complex nature, the task of protecting safety and health of workers is enormous. Utilizing the principles of human factors will help to enhance system productivity without compromising on the safety and well-being.

Construction is one of the sectors where high risks are involved wherein prompt and practical safety measures are to be practiced constantly. The occupational safety and health in construction industries is achieved through the combined efforts of management, employers, contractors and employees. The Government, employers, employees and society expect more sense of responsibility among all concerned in construction activities to ensure safe and healthy work environment. Keeping this in view, this training programme has been designed to discuss various Safety and Health issues in construction industries.

COURSE CONTENTS

- Human factors principles and applications
- Tools for occupational risk analysis
- Strategies in construction management
- Case studies of human factors application in construction industry
- Safety in material handling at construction sites.
- BOCW Act and Rules
- Accident prevention
- Safety in working at height and in excavation
- First aid and occupational health issues in construction industries
- Hand-on sessions in ergonomic risk identification and mitigation

FACULTY

Experts from IIT Madras, Regional Labour Institute, Chennai and other premier Institutions/ organizations with extensive experience and expertise in the field of human factors and occupational safety will be leading the workshop.