

## SPONSORSHIP CERTIFICATE

Certified that Dr./Shri/Smt .....  
..... is being sponsored  
from ..... for attending the short term  
course on "**Human Comfort and Indoor Air  
Quality**" to be conducted at IIT Madras during  
November 20-25, 2018.

.....  
(Signature of Sponsoring/forwarding authority with  
date and seal)

## REGISTRATION FEE

### (a) Participants from AICTE recognized colleges

No registration fee will be charged from the  
teachers of AICTE recognized Engineering  
Colleges. However, a caution fee of Rs. 1000/-  
(Rupees One Thousand only) is to be paid along  
with the application form. The caution money is  
refundable to (a) applicants who are not selected  
(b) selected applicants who attend the course.

The participants from AICTE colleges will be paid  
TA/DA as per the AICTE norms.  
TA: 3AC - to and fro fare by the shortest route.

### (b) Participants from other organizations

Participants from Industry, Government  
Departments, and Research Organizations, have to  
pay **Rs. 20,000/-** per candidate as registration fee.  
This amount is to be sent along with the application  
form.

Registration fee includes an electronic copy of the  
lecture notes, training programme kit, lunch and  
refreshments.

## Mode of Payment

All payments should be made through crossed  
Demand Draft in favour of "**IIT Madras**" payable at  
Chennai.

**IIT Madras GSTIN 33AAAI3615G1Z6**

## BOARDING AND LODGING

**QIP participants:** Boarding and lodging will be arranged in  
the Taramani Guest House at IIT Madras on twin sharing  
basis.

**Participants from Industry/Research organizations:**  
Boarding and lodging will be arranged in the Taramani  
Guest House at IIT Madras or Hotel in IIT Madras Research  
Park on payment basis.

## IMPORTANT DATES

Submission of application form  
with sponsorship certificate : Sept 28, 2018  
Payment of course fee : Sept 28, 2018  
Intimation to selected candidates : Oct 12, 2018

## CONTACT DETAILS

**Dr. S.M. Shiva Nagendra**  
Associate Professor  
Department of Civil Engineering  
Indian Institute of Technology Madras  
Chennai - 600036

Email : [snagendra@iitm.ac.in](mailto:snagendra@iitm.ac.in)

Phone : 91-44-22574290 (O)

## Course Web-Site

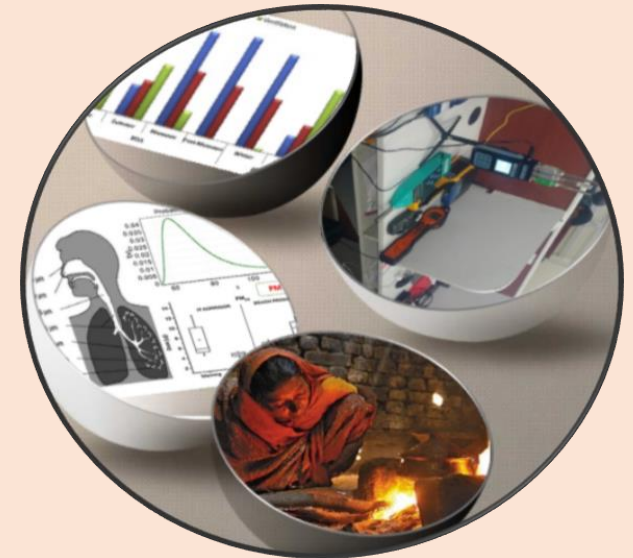
URL: <http://iitm.ac.in/News>



Gajendra Circle (GC) , IIT Madras

## QIP Short Term Training Programme on Human Comfort and Indoor Air Quality (Sponsored by AICTE, New Delhi)

November 20 -25, 2018



Coordinators

**Dr. S.M. Shiva Nagendra,**  
**Prof. M.P. Maiya,**



Organized by  
Departments of Civil and Mechanical Engineering  
**INDIAN INSTITUTE OF TECHNOLOGY MADRAS**  
Chennai - 600036, India

## ABOUT THE COURSE

Indoor air quality (IAQ) and thermal comfort have great impact on health, productivity and psychology of the occupants. Modern air-tight (air-conditioned) buildings with low fresh air supply to reduce energy consumption resulted in 30 to 200% higher sick building syndrome. On the other hand, natural ventilation building located in polluted environment are subjected to have poor IAQ.

In the past many epidemiological studies reported an increase in occurrence of adverse health effects in populations living and working in enclosed environments near polluted atmosphere.

Several factors like meteorology, indoor and outdoor pollution sources and sinks, pollutant deposition, filtration and ventilation etc. are influencing the indoor air quality and human exposure.

## AIM

The main objective of this one week training programme is to provide a basic understanding of the indoor air pollution issues at different work places, ventilation design, exposure assessment and control techniques followed by indoor air quality management practices.

## COURSE CONTENTS

The course contents broadly are:

1. Introduction – Fundamentals of Indoor Air Quality
2. Natural and Mechanical Ventilation Systems
3. Basics of Human Comfort
4. Indoor Air Quality and Health Impacts
5. Human Exposure Assessment
6. Indoor Air Pollution Control and Management Practices
7. Tutorials and Laboratory / Industry / Site visits

The exact program with slot wise lecture will be sent in due course of time to all those who register by email their “Expression of Interest” to attend the programme.

## RESOURCE PERSONS

The teaching faculty will constitute experts from different specializations within IIT Madras and guest speakers from other reputed institutions and organizations.

## LECTURE NOTES

Printed volume of lecture notes will be made available to the participants. Soft copy of the lecture notes will also be provided in a CD.

## ELIGIBILITY

Teachers from AICTE recognized engineering colleges, practicing engineers from private and overnment organizations, scientists/ engineers from R&D establishments are eligible to apply

## QIP Short Term Training Programme On Human Comfort and Indoor Air Quality (November 20 -25, 2018)

### Application Form

(Last date for submission:  
Friday, 28th September 2018)

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_ PIN \_\_\_\_\_

Phone ( With STD Code) \_\_\_\_\_

E-mail: \_\_\_\_\_ FAX: \_\_\_\_\_

Educational Qualification : \_\_\_\_\_

Professional Experience (Years): \_\_\_\_\_

Please tick the appropriate box below:  
From AICTE Recognized College  
From Industry/Research Organization

DD Details: Amount (in Rs.) \_\_\_\_\_

DD Number \_\_\_\_\_ Date \_\_\_\_\_

Date: ..... Signature of applicant

**Please enclose sponsorship certificate along with this form**

For additional entries, please photocopy/ type this form.