

Council of Architecture in collaboration with Jawahar School of Architecture Planning and Design, Chennai invites you for the 5 day training program on energy conscious design in buildings.

# ENERGY CONSCIOUS DESIGN & GREEN BUILDINGS WORKSHOP

## WORKSHOP ON UNDERSTANDING THE BASICS TOWARDS CLIMATE RESPONSIVE APPROACH IN BUILDINGS

at "Mahodaya Auditorium" Stree Seva Mandir, 62, 4th Avenue, Ashok Nagar, Chennai, Tamil Nadu 600083

### RESOURCE PERSONS

**Dr. R Kalaiselvi, PhD. (IITM)**  
Building Science Expert  
Asso. Prof. Rajalakshmi School of Architecture

**Ar. Anupama Mohanram**  
LEED Accredited Professional  
Certified GRIHA evaluator & Trainer

**Mr. Jayaraman T**  
MD, EQUAD Engineering Services,  
Seco Controls Pvt.Ltd.

**Ar. D V Solomon**  
Architect  
Professional Design Educator.

**Mr. Gunasekara**  
Entrepreneur, Technocrat

**Mr. Jaldeep Vivekanand**  
IGBC Accredited Professional  
Certified GRIHA Evaluator & Trainer

**Prof. Dr. Thooyavan**  
B.E., M.T.P., FIE, FIV, FITP, Ph.D.,  
Chief Urban Planner & Member (Retd), CMDA,  
Professor Measi Academy of Architecture.

**Ar. A Lakshmi Narayanan**  
M.Arch (Sustainable Architecture)

**Ar. Merlin V**  
M.Arch (Environmental Architecture)

**Ar. Vidhya Lakshmi Rajasekar**  
M.Arch.

Convened by  
**Prof. Jayashree Deshpande**  
Director, COA-TRC, Pune.

Course Co-ordinator  
**Er. V Vidya**,  
Nodal Officer (PMKVY),  
Co-ordinator (IEIPR).  
+91 99405 23647

Local Co-ordinators  
**Ar. Muthulakshmi**,  
Principal, JSAPD.  
+91 98844 26679

**Ar. Merlin V**,  
Asst. Prof. JSAPD  
+91 9445948171

DAY 1 - Inauguration | UNDERSTANDING OF CLIMATE RESPONSIVE TRADITIONAL FEATURES

DAY 2 - Solar GEOMETRY | DESIGN OF SHADING DEVICES | UNDERSTANDING OF SHADOWS  
Hands on exercises using demonstrative models | Plotting of sun path diagrams

DAY 3 - QUANTIFICATION OF DAYLIGHTING | DAYLIGHT FACTOR METHOD | THERMAL COMFORT  
Hands on exercises on work sheets | Plotting using daylight protractors | Manual calculations

DAY 4 - SIMULATION TOOLS & TECHNIQUES | CLIMATIC CONSIDERATION FOR URBAN & RURAL STUDY I  
Green Buildings in India | Passive Air Conditioning

DAY 5 - SITE & BUILDING LEVEL APPROACH | DESIGN STRATEGIES | GREEN RATING SYSTEMS  
Hands on exercise | Design based on climate responsive strategies | Evaluation of the design strategies

### REGISTRATION PROCESS

Colleges who have registered with Council of Architecture under the Collaborative Training Programme by payment of training fees in advance, proportionate to their average intake, can nominate teachers to participate in this programme. The nominated teachers can register for this programme by filling up the attached google form and mailing back a scanned image of the application form duly authenticated by HOD/Principal on [directorcoatr@gmail.com](mailto:directorcoatr@gmail.com), [ttptcoatr.pune@gmail.com](mailto:ttptcoatr.pune@gmail.com) and [trcjawahar@gmail.com](mailto:trcjawahar@gmail.com).

Only in case nominated teachers registered for this programme require provision of accommodation, the facility of accommodation on sharing basis, breakfast and dinner for five days can be availed of by payment of Rs. 5,000/- per head by online payment/bank challan and mailing back scanned images of the proof of payment together with application form duly authenticated by HOD/Principal on [directorcoatr@gmail.com](mailto:directorcoatr@gmail.com), [ttptcoatr.pune@gmail.com](mailto:ttptcoatr.pune@gmail.com) and [trcjawahar@gmail.com](mailto:trcjawahar@gmail.com).

OR  
Teachers/architects other than those nominated by schools of architecture, desirous of participating in this training programme, may register by filling up the attached google form and mailing it back along with a scanned image of receipt of online payment/bank challan towards registration fees on [directorcoatr@gmail.com](mailto:directorcoatr@gmail.com), [ttptcoatr.pune@gmail.com](mailto:ttptcoatr.pune@gmail.com) and [trcjawahar@gmail.com](mailto:trcjawahar@gmail.com).

### Registration fees:

- \* Rs. 10,000/- (inclusive of delegate kit, course material and lunch + site visits if scheduled.)
- \* Rs. 15,000/- (inclusive of delegate kit, course material, accommodation on sharing basis, breakfast, lunch & dinner + site visits if scheduled)

For Online Payment/Bank Challan please follow the following link:  
<https://www.onlinesbi.com/sbicollect/icollecthome.htm?copID=872531>

Link for Application Form: <https://goo.gl/forms/wAW12nJKpVKBDGHp1>

Kindly send the hard copy of registration form and receipt of online payment/bank challan (as applicable) on the following address for the confirmation of participation.

**Prof. Jayashree Deshpande, Director,**  
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