



**COUNCIL OF ARCHITECTURE  
TRAINING AND RESEARCH CENTRE, BHOPAL**



In collaboration with

**CHETTINAD SCHOOL OF ARCHITECTURE (CSOA)**  
(Chettinad Academy Of Research & Educations) Kelambakkam, Chennai

# MANIFESTING THE UTILIZATION OF SOFTWARES IN ARCHITECTURE

**FACULTY DEVELOPMENT PROGRAM  
30.10.2023 - 03.11.2023**

Convened by:

**Dr. NAVNEET MUNOTH**

Honorary Director,  
COA-TRC, Bhopal

Chief Co-Ordinator:

**Ar. LOGANATHAN**

DEAN, CSOA

**Ar. VAIDYANATHAN KANNAN**

HOD, CSOA

Course Co-Ordinator:

**Dr. YOGAPRIYA**

Associate Professor, CSOA  
+91 9176773139

**Ar. PRIYANKA**

Assistant Professor, CSOA  
+91 9791816373

For any Queries email to [coatrc.bhopal@gmail.com](mailto:coatrc.bhopal@gmail.com)



**COUNCIL OF ARCHITECTURE  
TRAINING AND RESEARCH CENTRE, BHOPAL**



*In collaboration with*

**CHETTINAD SCHOOL OF ARCHITECTURE (CSOA)**  
(Chettinad Academy Of Research & Educations) Kelambakkam, Chennai

## **PREAMBLE & TAKE-AWAYS**

In the dynamic field of architecture, the integration of software has ignited a transformative revolution that resonates throughout both the professional and academic spheres. This technological infusion has ushered in remarkable enhancements in efficiency, creativity, and precision, revolutionizing every facet of architectural design and research. Software tools have become indispensable in the academic classroom, seamlessly bridging the gap between theory and practice in architectural education. Moreover, in the realm of architectural research, software and tools stand as essential cornerstones, powering progress and facilitating groundbreaking designs.

Participants in this program will gain insights into the diverse applications of software in architectural design, spanning across professional practice, academic instruction, and research



E-Certificate of the FDP will be sent to the participant's registered email ID upon successful completion of the program.

Successful completion entails attending all sessions, completing the MCQ test conducted on Day 5 (04:30 to 05:30 p.m.), and providing feedback through the feedback form

For any Queries email to [coatrc.bhopal@gmail.com](mailto:coatrc.bhopal@gmail.com)

**Dr. Iyer Vijayalaxmi K**  
Professor, SPA, Vijayawada  
*'Analytical tool for Architectural Research'*  
01.00 p.m. - 02.30 p.m.



SESSION 1

DAY 1

30.10.2023

**Ar. Karthick**  
Design director, Studio Urban Poetics, Bengaluru  
*'Architectural Software application in Practice'*  
02.30 p.m. - 4.00 p.m.



SESSION 2

**Dr. Farheen Bano**, Sr. Assistant Professor,  
Faculty of Architecture and Planning AKTU Lucknow  
*'Enhancing Architectural Research through  
Simulation and Visualization Tools'*  
12.00 p.m. - 01.15 p.m.



SESSION 1

**Dr. Satyaki Sarkar**, Professor,  
Department of Architecture & Planning,  
Birla Institute of Technology, Mesra, Ranchi  
*'Methodologies for architectural research'*  
01.15 p.m. - 02.30 p.m.



SESSION 2

DAY 2

31.10.2023

**Ar. Mohafiz Riyaz**  
Assistant Professor Sr-Grade 1  
School of Architecture, VIT, Vellore  
*'Digital tools for Form finding'*  
02.30 p.m. - 04.00 p.m.



SESSION 3

**Dr. Roopal Deshpande**, Principal,  
Smt. Manoramabai Mundle College of Architecture, Nagpur  
*'Concepts and Techniques of Space Syntax  
Method for Research on Built Environment'*  
01.00 p.m. - 02.30 p.m.



SESSION 1

DAY 3

01-11-2023

**Er. Jaydeep Bhadra**  
Doctoral Researcher, Centre for Doctoral Training in  
Energy Resilience and the Built Environment,  
Loughborough University.  
*'Simulations tools for quantifying energy efficiency'*  
02.30 p.m. - 04.00 p.m.



SESSION 2

**Dr.Mahfuzuar Rahman Barbhuiya**

Assistant Professor

Department of Architecture and Planning , NSUT Delhi

*'Qualitative research in Architecture and Planning using NVivo, MaxQDA and R Studio softwares'*

12.00 p.m. - 01.15 p.m.



SESSION 1

**Ar.Swetha**  
Co-Partner,Paradise Landscape Architecture,Kerala

*'Ideating reference manager for Research Articles'*

01.15 p.m. - 02.30 p.m.



SESSION 2

**Dr. Jyoti Jain Tholiya**  
Associate Professor, MMCOA, Pune

*'Data Visualization Techniques in Architecture and Planning'*

02.30 p.m. - 04.00 p.m.



SESSION 3

DAY 4

02-11-2023

**Ar. Kokilavani Thiyagarajan**  
Geographic Information Systems Specialist,Canada

*'Basic understanding of GIS application in spatial decision-making'*

12.00 p.m. - 01.15 p.m.



SESSION 1

**Dr. Sagar T S**  
Associate Professor, SOA SIT, Tumakuru

*'Advantages of Integrating Architectural process and Computer Applications in Studios'*

01.15 p.m. - 02.30 p.m.



SESSION 2

**Dr. Kailash Rao**  
Director, SPA, Bhopal

*'Digital tools in building Conservation'*

02.30 p.m. - 04.00 p.m.



SESSION 3

DAY 5

03-11-2023

# REGISTRATION

<https://forms.gle/TCPFV1cEjjGD21J59>

# PAYMENT LINK

<https://eazypay.icicibank.com/eazypay-Link?P1=K00kQYjNFb8LZHkyuUDx6Q==>

## Registration fees

For academicians / Professionals / PG & PhD students : INR 1500/-  
(Only 35 Seats)

For Non-Architects - INR 3000/- (Only 05 Seats)

## Note:

1. Kindly check and confirm the seat availability before payment
2. COA Registration link is mandatory for registration
3. Image of proof of payment: coatrc.bhopal @ gmail.com to confirm registration
4. Link to join the program will be shared one day prior to the program.

