



COUNCIL OF ARCHITECTURE  
TRAINING AND RESEARCH CENTRE, BHOPAL

in collaboration with

R.V.COLLEGE OF ARCHITECTURE, BENGALURU



# National online five-day Teacher Training Programme(TTP)

**PEDAGOGY  
IN TEACHING  
ARCHITECTURAL GRAPHICS  
AND PRESENTATION**

**14th to 18th**  
August 2023  
1.00 PM to 4.00 PM

Convened by:

**Dr. NAVNEET MUNOTH**

*Honorary Director,  
COA-TRC, Bhopal*

Chief Co-Ordinator:

**Dr. O.P.BAWANE**

*Principal,  
R.V.College of Architecture*

Course Co-Ordinator:

**Prof. K.SREEDHAR**

*Professor,*

*R.V. College of Architecture*

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

*This programme aims to train teachers to teach the subject of Architectural Graphics and presentation in both Manual and Digital methods, in an effective and efficient way which can help students, visualize three dimensional forms, simulate varying conditions and experience the resulting visual perceptions*

## **PROGRAMME OBJECTIVES**

- . Train teachers to learn and practice self help and self explanatory methods of teaching
- . Train teachers to prepare assignments and exercises which will have architectural emphasis and orientation
- . Train teachers to use three dimensional physical models for better understanding and visualization

# Programme Outline



14.08.2023 MONDAY



## Day 1

1.00 P.M.-2.00 P.M

### Graphics as Language and means of Communication

Graphical Representation as Process and outcome: Teaching Foundational skills.

1.00 P.M.-2.00 P.M

Graphics: Ideas from mind to site through different mediums.

15.08.2023 TUESDAY

## Day 2

12.00 A.M-1.20 P.M

### Graphics as means of Thought process and design presentation

Architectural Drawing: Unleashing the Narrative Power

1.20 P.M.- 2.40 P.M

Enhancing Students Conceptual and Schematic design presentation abilities

2.40 P.M- 4.00 P.M

3Ds of Graphics:Dare, Dimension & Design

16.08.2023 WEDNESDAY

## Day 3

1.00 P.M- 2.30 P.M

### Experiential learning of Perspective Sciography and Rendering presentation

Learning Perspective and Sciography using physical models

2.30 P.M.- 4.00 P.M

Architectural Presentation and Rendering

17.08.203 THURSDAY

## Day 4

1.00 P.M- 2.30 P.M

### Methods of 2D and 3D Projections

Comprehensive methods of teaching Solid geometry, Perspective and Sciography

2.30 P.M.- 4.00 P.M

Experimentative pedagogy in Teaching- Learning of Orthographic Projections

18.08.2023 FRIDAY

## Day 5

Day5 1.00 P.M- 2.30 P.M

Manual and Digital Presentation Techniques

Effective Methods of Teaching Sciography

2.30 P.M.- 4.00 P.M

Digital Presentation techniques

14.08.2023 MONDAY

## ***Graphics as Language and means of Communication***

1.00 P.M.-2.00 P.M

**Graphical Representation as Process and outcome: Teaching Foundational skills.**

Different graphical representation techniques are brought in either as a part of process in “Make and Learn” modules or as final outcome in ‘Analyse and interpret’ modules. The discussion draws on the teaching and learning within the CEPT Foundation.

1.00 P.M.-2.00 P.M

**Graphics: Ideas from mind to site through different mediums.**

Relating Evolution and development of Architectural Graphics as a presentation skill and medium to design presentation, its development since 18th century to present day, through software skills and digital technology. Concepts of Architectural Graphics as a means to realize building construction.

DAY 1



**VISHAL MEHTA**

Associate Professor

CEPT, Ahmedabad, Gujarat



**KANISHKA SUTHAR**

Associate Professor

CEPT, Ahmedabad, Gujarat



**HARIMOHAN PILLAI**

Professor Design Chair,

MITSOA, MITADT, Pune



**ADITYA SINGARAJU**

Assistant Professor

JNA and GA Univ, Telangana



**SUPRIYA VYASA**

Sr. Assistant Professor

Dept. of Architecture and Planning  
MANIT, Bhopal



**SATYALAKSHMI NAIDU**

EX. HOD

Dept. of Architecture,  
MIET, Gondia, Maharashtra

15.08.2023 TUESDAY

## ***Graphics as means of Thought process and design presentation***

12.00 A.M-1.20 P.M

### **Architectural Drawing: Unleashing the Narrative Power**

The Art of Visual Story telling in Architecture

Exploring Architectural Narratives through Drawings

Conveying Emotion and Meaning in architectural Visuals

1.20 P.M.- 2.40 P.M

### **Enhancing Students Conceptual and Schematic design presentation abilities**

Essential drawing techniques relevant to conceptual and schematic drawings shall be taught. These may include freehand sketching, diagramming, use of line weights, shading techniques, and 3D representation methods.

2.40 P.M- 4.00 P.M

### **3Ds of Graphics:Dare, Dimension & Design**

Sketching confidently in graphics, looking for scale and proportions and adding interior and exterior elements like Plants, Furniture and Human Beings.

16.08.2023 WEDNESDAY

# *Experiential learning of Perspective Sciography and Rendering presentation*

1.00 P.M- 2.30 P.M

## **Learning Perspective and Sciography using physical models**

Understanding the elements and principles of perspective drawings through simulating picture planes and capturing visual experience and also of sciography using physical models. This includes recording and studying shade and shadow patterns on building facades and scaled models.

2.30 P.M.- 4.00 P.M

## **Architectural Presentation and Rendering**

Creative drawing methods in different medium and Free hand sketching in various contexts(Urban, Rural) etc.

**K SREEDHAR**

Professor

R.V. College of Architecture, Bengaluru

**M S AMARNATH**

Associate Professor

R.V. College of Architecture, Bengaluru

17.08.203 THURSDAY

## **Methods of 2D and 3D Projections**

1.00 P.M- 2.30 P.M

**Comprehensive methods of teaching Solid geometry, Perspective and Sciography**

Visualizing the 3-D objects..Methods of drawing perspective using Measuring Points...Working out shadows with the aid of certaining grids.

2.30 P.M.- 4.00 P.M

**Experimentative pedagogy in Teching- Learning of Orthographic Projections**

The session will deal with experimentative peddagogy, such as:application of Bloom's taxonomyin Teaching-learning of Orthographic Projections: understanding Orthographic Projections using models;etc.



**MUKUND SADASHIV ATHAVALE**

Associate Professor (Retd),

Sir J. J. College of Architecture, Mumbai



**RAJSEKHAR CHOUDHURY**

Consultant

PMCA, Cuttack, Odisha



**KISHORE REWATKAR**  
Professor and Dean Research  
PIADS, Nagpur, Maharashtra



**GOWTHAM NANDAKUMAR**  
Assistant Professor  
R.V. College of Architecture, Bengaluru

18.08.2023 FRIDAY

## ***Manual and Digital Presentation Techniques***

1.00 P.M- 2.30 P.M

### **Effective Methods of Teaching Sciography**

Step by step approach to teach Sciography effectively.  
Objects- Simple to Complex.

2.30 P.M.- 4.00 P.M

### **Digital Presentation techniques**

Essential Graphics for digital presentation basics and  
usage of softwares.

# Registration link

<https://forms.gle/Y54Mmz5heCjgL3Vk7>

# Payment link

<https://eazypay.icicibank.com/eazypayLink?P1=KOOKQYjNFb8LZHkyuUDx6Q==>

E-Certificate of the TTP shall be sent to the participant's registered email id upon successful completion of the program i.e., by attending all sessions and completing MCQ test and feedback.

**MCQ TEST ON DAY 5 | 4:30-5:30**

## Note

- Kindly check and confirm the seat availability first then make the payment.
- COA Registration Number is mandatory for registration.
- Image of proof of payment at : [coatrc.bhopal@gmail.com](mailto:coatrc.bhopal@gmail.com) to confirm registration.
- Link to join the program will be shared one day prior to the program.

## Other Resource Persons

Dr. SHIKHA VERMA  
*Assistant Professor, RVCA*

Ar.HARCHARAN. P  
*Assistant Professor, RVCA*

Ar. JAGRATI JAIN  
*Assistant Professor RVCA*

Ar. UJJAYANT. B  
*Assistant Professor, RVCA*

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