*Council of Architecture Online Training Program
in collaboration with*

MEASI ACADEMY
of ARCHITECTURE (MAA)

CA
Council of Architecture
Training & Research Centre
TRC

"RETHINKING PEDAGOGY: EXPLORING THE POTENTIAL OF DIGITAL TECHNOLOGY IN TRANSFORMING THE ARCHITECTURAL DESIGN PROCESS."

DATES: 08th TO 12th JANUARY 2024

10.30 AM TO 1.45 PM

Last date for Registration: 05.01.2024

Key take-away for participants.

• Equip faculty members with skills and knowledge to adapt to advancements in digital tools and techniques.

• Understand the transformative impact of digital technologies on architectural design, Integrate digital tools like BIM, parametric design, and 3D printing into teaching methodologies.

• Gain hands-on experience with digital tools to understand their potential and limitations, Enhance design thinking and visualization processes using digital tools

Significance & objectives of the programme.

This Program aims to equip faculty members in the field of architecture with the necessary skills and knowledge for adapting to the rapid advancements in digital design tools and techniques. The exponential growth of these technologies has transformed the way we perceive, conceptualize, analyze, and understand the built environment. Consequently, it has had a profound impact on the architectural design process. The program's primary goal is to empower faculty members to effectively integrate digital tools and techniques into their teaching methodologies. By enhancing their understanding of these technologies, educators can better equip students with the skills needed to succeed in the dynamic field of architecture.

Participants will learn about various software applications and technologies commonly used in architectural design, Building Information Modeling (BIM), parametric design tools, climate conscious design tools, 3D printing and manufacturing applications. They will gain hands-on experience with these tools to understand their potential and limitations. They will explore how digital tools can enhance design thinking and visualization processes.

Registration fees: Rs.1,500/- (Rupees One thousand five hundred only).
Colleges may nominate faculty under CTP 2022-23

Link to register: https://forms.gle/Ao4XS2JH9E7PZRseA.

Link for online payment: https://eazypay.icicibank.com/eazypayLink?P1=KOOkQYjNFb8LZHkyuUDx6Q==.

Link for Nomination form under CTP 2022-2023:
https://drive.google.com/file/d/1zWCfKsLqbGAXc7OVgOTzuFx4M9l Jlac/view?usp=share_link

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

Coordinated by
Dr. Navara A., M.Arch., Ph.D
HOD (B.Arch)
MAA., Chennai.

Online Coordinator
Ar.Suhasini B.,M.Arch.,
Associate Professor
MAA., Chennai.
Ph no +918248516480

Online Coordinator
Ar.Silvinus C. Pragash., M.Arch
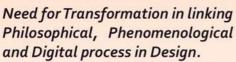Assistant Professor
MAA., Chennai.
Ph No-+919940560752

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DAY 1 - 08-01-2024

Session 1
Need for Transformation in linking Philosophical, Phenomenological and Digital process in Design.

Prof. Ravi Swaminathan, Design Chair, MAA., Chennai.

Session 2
The emergence of A.I generated Architecture, Computational design's crucial role in creation presentation and evaluation.

Ar. Ozan Ertug, Architect GAD Architecture, Istanbul.

Session 3
Design process through diagrams and models.

Ar. Silvinus, Assistant Professor, MAA., Chennai.

DAY 2 - 09-01-2024

Session 4
Design for Advanced Manufacturing.

Ar. Kavitha , Co-Founder, MAWI.

Session 5
Advanced digital design techniques and methodologies to support architectural design, urban design process and construction processes.

Ar.Durgai Kumaran, Director (Studio) FHD. Group.

Session 6
Advanced digital design techniques and methodologies to support architectural design, urban design process and construction processes.

Ar. Ankita Bob, Architect, Tvasta Construction.

DAY 3 - 10-01-2024

Session 7
Interoperability across various BIM platforms (Hands on session).

Mrs.EMA, Founder & Principal Trainer Ema's BIM_Academy Certified-RICS BIM PM.

Session 8
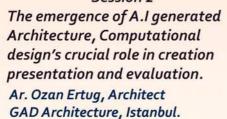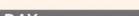Digital fabrication and advanced digital tools in architecture.

Ar.Gaurav Goel, Founder, Parametric Curiosity.

DAY 4 - 11-01-2024

Session 9
Real time Design with BIM and energy stimulation tools.

Ar. Firdose Basha Ghouse B.Arch, MAA, BIM -Spain, Co- Founder, WAR, Chennai &Spain

Session 10
Artificial Intelligence as a design tool in Architectural Pedagogy.

Ar. Saniya, Assistant Professor, MAA., Chennai.

DAY 5 - 12-01-2024

Session 11
Hands on session in web based daylight assessment and Design Development.

Dr. Faiz Ahmed, Assistant Professor, Department of Architecture, SPA, Vijawada.

Session 12
Data in digital format - the use of GIS techniques and planning models.

Mr. Samarjeet Salunke, PhD Scholar, Mumbai.

Notes:
- Teachers/ architects who wish to register for the training program either under Collaborative Training Program (CTP 2022-23) or as independent individuals may do so by filling up the Google form available on the given link.
- To confirm registration, kindly upload proof of payment towards the registration fees /nomination form on college letterhead before submitting the registration form.
- Link to join the program will be shared one day prior to the program.
- This program is not for students.
- E-Certificate of said training program shall be sent via email on registered email id of participants, after successful completion of training program by participant i.e. attending all sessions and submitting all assignments, EOPT and feedback form of training program.
- EoPT is scheduled on Friday, 12th January 2024, 2.00 pm to 3.00 pm