Council of Architecture Training and Research Center, Pune

in association with

UNIVERSITY INSTITUTE OF ARCHITECTURE, CHANDIGARH UNIVERSITY

5 Days National Faculty Development Program

Application of PLS-SEM in Research

Date: **March 18-22, 2024** | **Online** | Duration: **3.0 hrs. Each day, Total 15 hrs**.
Session 1- **10:30 AM to 12:00PM** | Session 2- **12:15 PM to 1:45 PM**

Introduction

The Faculty Development Program (FDP) is a comprehensive initiative aimed at enhancing research skills within the architecture field. Across the sessions, participants will gain expertise in conceptualizing research topics, crafting effective questionnaires, analyzing data, and navigating ethical publication processes. From identifying research problems to mastering advanced data analysis tools such as PLS-SEM, this program caters to researchers, academics, and professionals seeking to elevate their capabilities. Supported by the Council of Architecture, the FDP aligns with their mission to foster professional development and promote research advancements in architecture and allied fields.

Objective

- *The program aims to enhance the research capabilities of faculty members, providing them with updated methodologies, tools, & best practices in their respective fields.*
- *The program aims to equip faculty members with advanced skills in the application of Partial Least Squares Structural Equation Modeling (PLS-SEM) in research.*
- *Enhance the ability of faculty members to communicate research findings effectively, whether through scholarly publications, conference presentations, or engagement with the broader community.*
- *To empower participants with the knowledge and skills necessary to make informed decisions regarding the selection of suitable journals and conferences for their research.*

Convenor
Prof. Jayashree Deshpande
Hon. Director CoA TRC, Pune

Coordinator
Prof. (Dr) Anurag Varma
Executive Director
Liberal Arts & Humanities
Chandigarh University
+91-9810101334

Coordinator in Support
Prof. Swati Behl Uppal
Principal
University Institute of Architecture
Chandigarh University
+91-9876791528

Online Coordinator
Asso Prof. Aarti Rana
University Institute of Architecture
+91-8630676752
aarti.e12858@cumail.in

Online Coordinator
Asso Prof. Aarti Khokhar
University Institute of Architecture
+91- 70879 62319
aarti.e12211@cumail.in

Scan to Register

Registration Link:
https://forms.gle/Ao4XS2JH9E7PZRseA

Scan to Pay

Payment Link:
https://eazypay.icicibank.com/eazypayLink?P1=KOOkQYjNFb8LZHkyuUDx6Q==

Last date for Registration :- 16 March 2024

EoPT is scheduled on Friday, 22nd March 2024, 2.00 pm to 3.00 pm

Registration fees: Rs.1,500/- (Rupees One thousand five hundred only).

Note:

- *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.*
- *Link for Nomination form under CTP 2022-2023:*
  https://drive.google.com/file/d/1zWCfKsLqbGAXc7OVgOTzuFx4M9lwJIac/view?usp=share_link
- *To confirm registration, kindly upload proof of payment towards the registration fees /nomination form on college letterhead before submitting the registration form.*
- *Kindly email a scanned image of the proof of payment to coaonlinettp@gmail.com .*
- *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 send 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.*

Application of PLS-SEM in Research

Day1 : 18 March 2024
Framing research Conceptualize a Research Topic

Session 1
10:30AM to 12:00 PM

Dr. Roopal Deshpande, Principal Manoramabai Mundle College of Architecture, Nagpur

Formulate a Research Problem & Anticipate Potential Scope

Session 2
12:15 PM to 1:45 PM

Dr. Abhijit Sadashiv Natu Principal, BKPS College of Architecture, Pune

Crafting Meaningful Research Questionnaire

Day 2 : 19 March 2024
Data Analysis and Management: Maximizing Insights and Preparation

Session 3
10:30AM to 12:00 PM

Dr. Dhaval Maheta Professor, Veer Narmad South Gujarat University, Surat

Systematic Literature Review using AI-Tools

Session 4
12:15 PM to 1:45 PM

Dr. Aarti Grover, HOD, Landscape Architecture, SPA Delhi

Quantitative and Qualitative Research Design: Paradigms and Processes

Day 3 : 20 March 2024
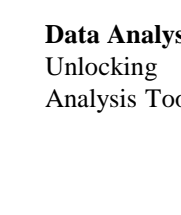### PLS-SEM Data Analysis: Harnessing Quantitative Insights

Session 5
10:30AM to 12:00 PM

Dr. Puja Khatri, Professor, Guru Gobind Singh Indraprastha University, Dwarka, Delhi

Data Analysis Tools PLS-SEM Transforming Raw Data into Insights

Session 6
12:15 PM to 1:45 PM

Data Analysis Tools PLS-SEM: Unlocking the Power of Quantitative Analysis Tool

Day 4 : 21 March 2024
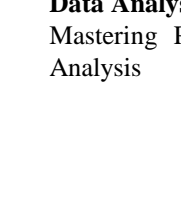### PLS-SEM Data Analysis: From Unlocking Power to Advanced Mastery

Session 7
10:30AM to 12:00 PM

Dr. Atul Shiva, Assistant professor, Jaipuria Institute of management, Noida

Data Analysis Tools PLS-SEM: Mastering PLS-SEM for Advanced Data Analysis

Session 8
12:15 PM to 1:45 PM

Data Analysis Tools PLS-SEM: Mastering PLS-SEM for Advanced Data Analysis

Day 5 : 22 March 2024
Publication Strategies and Ethical Research Practices

Session 9
10:30AM to 12:00 PM

Dr. Bhawna Goyal, Assistant Professor Chandigarh University , Punjab

Crafting Research Papers: Transforming Data Interpretation into Impactful Publications

Session 10
12:15 PM to 1:45 PM

Dr. Rabi Narayana Mohanty, Assistant Professor Department of Architecture, Planning and Design, IITBHU Varanasi

Finding and Selecting the Right Journals and research ethics