SEDRAA'S
AAYOJAN SCHOOL OF ARCHITECTURE, JAIPUR
RESEARCH WING, AAYOJAN CENTER OF EXCELLENCE

CA
Council of Architecture Training & Research Centre
TRC
COUNCIL OF ARCHITECTURE
TRAINING & RESEARCH
CENTRE, PUNE

COA-TRC Pune in colloboration with Research Wing, Aayojan centre of Excellence is organizing a

05 DAYS NATIONAL ONLINE FACULTY DEVELOPMENT PROGRAM ON

TOOLS AND TECHNIQUES FOR DATA MANAGEMENT AND ANALYSIS IN ARCHITECTURAL RESEARCH

December 19th to 23rd, 2022 | 02:30 PM - 05:50 PM

DR. ROSHAN KAZI
Professor and HOD MBA Program, Allana Institute of Management Sciences, Pune

Fundamentals of statistics in Architectural Research

DR. SUDNYA MAHIMKR
Principal
MES Pillai College of Architecture, Mumbai

Data management for Architectural research

DR. BIMAL PUTHUVAYI
Assistant Professor at NIT Calicut, Department of Architecture and Planning

Introduction to spatial statistics in Architectural research using GIS & Google tools

MR. VAIBHAV GARG
Chief technology manager & data scientist at Genus Power Infrastructures Limited, Jaipur

Introduction to MS Excel in statistical data analysis for architectural research

DR. SHAMBHAVI
Assistant Professor, Department of Department of statistics, University of Lucknow

Fundamentals of SPSS software, data transformation and analysis.

DR. AADITYA SANYAL
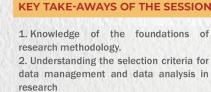Assistant Professor, Department of Architecture, Planning & Design, IIT(BHU)

An introduction to the application of Case-Based Reasoning in Architectural research

DR. SHWETA MITTAL
Post-Doctoral Fellow, IIT Delhi, Consultant at Indian Institute of Public Administration, IIPA

Investigations into the Case Studies as a method for architectural research

KEY TAKE-AWAYS OF THE SESSION

1. Knowledge of the foundations of research methodology.
2. Understanding the selection criteria for data management and data analysis in research
3. Skills in qualitative and quantitative data gathering, description, analysis, and interpretation.
4. Hands-on experience on software such as SPSS, GIS and MS Excel etc. for data management and analysis in architectural research.

NOTE:

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 and feedback form of training program.

PREAMBLE:

The two key foundational facets of research are data management and data analysis. An in-depth understanding of research data management is necessary for executing an efficient study. A variety of closely related procedures are carried out as part of a general analysis of data in order to summarize the obtained material and arrange it so that it answers the research questions. A proactive data management and analysis strategy can save time and resources. Recent advancements in data management and analysis techniques have expanded research opportunities and significantly aided studies employing empirical data in architectural study. This training programme focuses on modern research methodologies, data management, and analysis tools utilised in an architectural research enquiry. Participants will gain practical expertise with programmes like SPSS, GIS, and MS Excel, which are crucial tools for data analysis.

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

Last date to register
16th of December, 2022

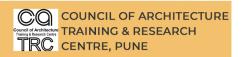**Registration Fees: Rs. 1500/-**

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

Nomination form Link under CTP

https://drive.google.com/file/d/1IJ-BI9c4UdU8_Lo76iu8Z9kMTK-CuZ9-Qf/view?usp=sharing

CONVENER
PROF. JAYASHREE DESHPANDE
Director, COA-TRC, Pune

PROGRAM ADVISOR
PROF. KIRAN S. MAHAJANI
PRINCIPAL & DIRECTOR ASA, JAIPUR

COURSE COORDINATOR
PROF. ARCHANA S. RATHORE
PROFESSOR, ASA, JAIPUR

CO-COORDINATOR
PROF. CHARLIE GUPTA
PROFESSOR, ASA, JAIPUR

ONLINE COORDINATOR
PROF. TEJASWINI RAI
PROFESSOR, ASA, JAIPUR

SEDRAAS'S
AAYOJAN SCHOOL OF ARCHITECTURE, JAIPUR
RESEARCH WING, AAYOJAN CENTER OF EXCELLENCE

CA **COUNCIL OF ARCHITECTURE**
Council of Architecture **TRAINING & RESEARCH**
Training & Research Centre **CENTRE, PUNE**
TRC

COA-TRC Pune in colloboration with Research Wing, Aayojan centre of Excellence is organizing a

05 DAYS NATIONAL ONLINE FACULTY DEVELOPMENT PROGRAM ON

TOOLS AND TECHNIQUES FOR DATA MANAGEMENT AND ANALYSIS IN ARCHITECTURAL RESEARCH

December 19th to 23rd, 2022 | 02:30 PM - 05:50 PM

SIGNIFICANCE & OBJECTIVES OF THE PROGRAMME

Research is an ongoing process that results in new concepts, advancements, and progress. Knowledge of research techniques and instruments is necessary for an effective researcher. Massive volumes of data are routinely created and transferred in today's research-driven society, however, managing and analyzing data in the right way can lead to groundbreaking findings and insights. The process of managing and analyzing data is generally thought to be the most challenging part of conducting research. While we need to understand what to do with the data and how to interpret the results, various data management and statistical analysis tools can make this process as simple and straightforward as feasible. The objective of this Online training programme is to provide researchers in the field of architecture with the skills and knowledge they need to independently manage and analyze data for conducting the research. Participants in the planned 5-day online training program would gain familiarity with methods for gathering and evaluating data in order to draw scientific conclusions about patterns and emerging trends in qualitative and quantitative data analysis.

conducting program analyzing knowledge research GIS process training familiarity fundamentals need software qualitative provide studies gathering methods results teach tools strategy researcher data order quantitative statistical Excel save MS draw programme emerging like most essential effective architecture way new empirical researchers SPSS independently contributions managing about online participants management analysis

NOTES:

1. Teachers/ architects who wish to register for the training program either under Collaborative Training Program (CTP 2021-22/ CTP 2022-23) or as independent individuals may do so by filling up the Google form available on the link.

2. To confirm registration, kindly upload proof of payment towards the registration fees /nomination form submitting the registration form.

3. Link to join the program will be shared one day prior to the program. This program is not for students.

4. 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

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

6. Colleges may nominate faculty under CTP 2021-22/ CTP 2022-23

7. Last date for Registration: 16th December 2022

8. Since the number of seats are limited so the registration would be on first come basis.

9. First day session would commence from 02:15 PM, the rest of the days, the timings would be 02:30 PM to 05:50 PM.

10. EOPT would be conducted on the last day of the training session i.e. 23rd of december, 2022 from 6:30 PM to 7:30 PM.