COUNCIL OF ARCHITECTURE
TRAINING & RESEARCH CENTRE, BHOPAL

Bridging the GAP between Geomatics, Architects & Planners

GAP

NATIONAL LEVEL ONLINE TRAINING PROGRAM ON APPLICATIONS OF GIS & REMOTE SENSING IN ARCHITECTURAL PEDAGOGY (LEVEL 1)

3rd to 25th December 2022 [7 PM TO 10 PM]

Only on **Saturday & Sunday**

Registration on First Come First Serve basis- Limited to 40 Seats

CONVENER

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EXPERTS

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FEES

RS. 1500/-
ARCHITECTURE / PLANNING STUDENTS

RS. 1500/-
ARCHITECTURE / PLANNING FACULTY & PROFESSIONALS (WITH VALID COA REGISTRATION NUMBER)

RS. 3000/-
OTHER PROFESSIONALS (WITHOUT VALID COA REGISTRATION NUMBER)

- E-certificates will be provided on 100% attendance and successful submission of all the assignments.
- Kindly mail back scanned images of the proof of payment on coatrc.bhopal@gmail.com
- Link to join will be shared only after the registration and payment.

ABOUT THE TRAINING PROGRAM

As the world is moving towards fulfilling the Sustainable Development Goals (SDG), the applications of GIS have been rewarded phenomenally and it is continuously being recognized as an important analysis tool. The use of GIS is widely being adopted in all the fields of the real-world and beyond and hence, it is also slowly being conceived as an important tool in the architectural and planning domain.

GIS has many potential uses in architectural research and practice, especially in the areas of urban design, community planning, and the site selection process. One of the main areas where architecture and GIS overlap is in the digital representation of real-world objects. Architectural projects tend to be site-specific but many projects will incorporate ancillary local and regional scale datasets and GIS is a valuable source for such information and for the digital features necessary to render them in site drawings.

KEY TOPICS

DAY 1
INTRODUCTION TO GIS & DATA TYPES

DAY 2
SOFTWARE INSTALLATION AND PROJECTION

DAY 3
GEOREFERENCING & DIGITIZATION

DAY 4
QUERIES AND ATTRIBUTE TABLES

DAY 5
GEOPROCESSING TOOLS AND MAP MAKING

DAY 6
INTRODUCTION TO REMOTE SENSING

DAY 7
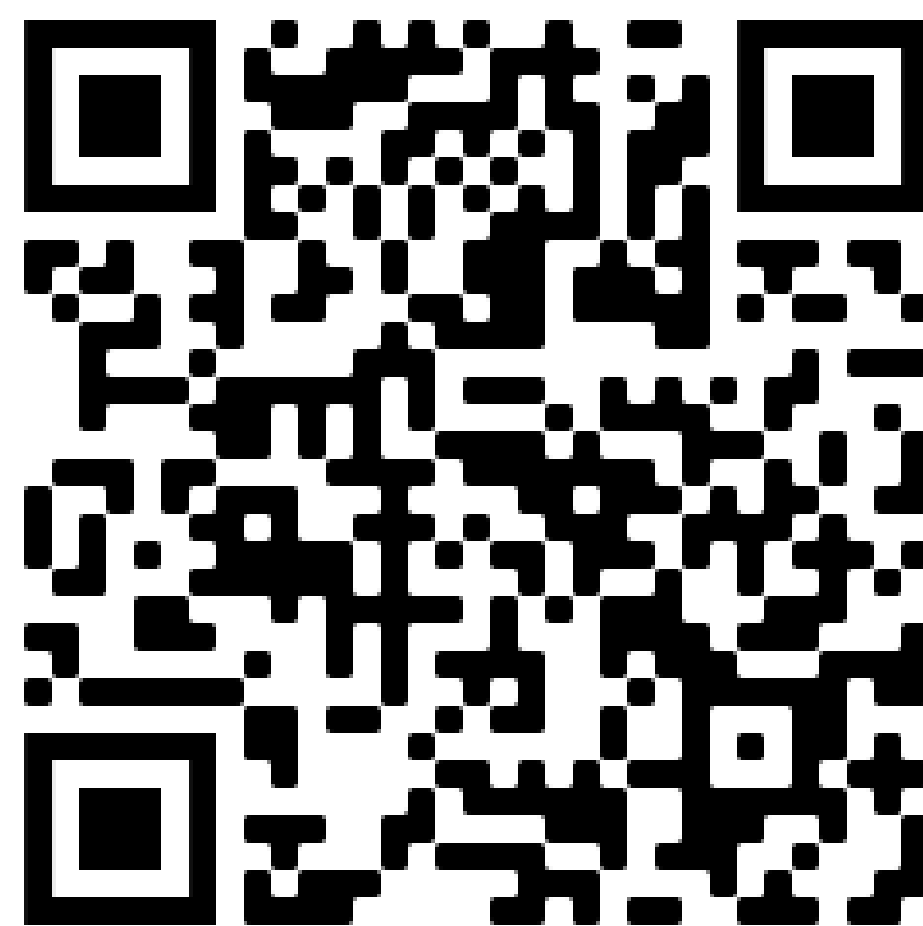IMAGE INTERPRETATION, DEM & DATA CONVERSION

DAY 8
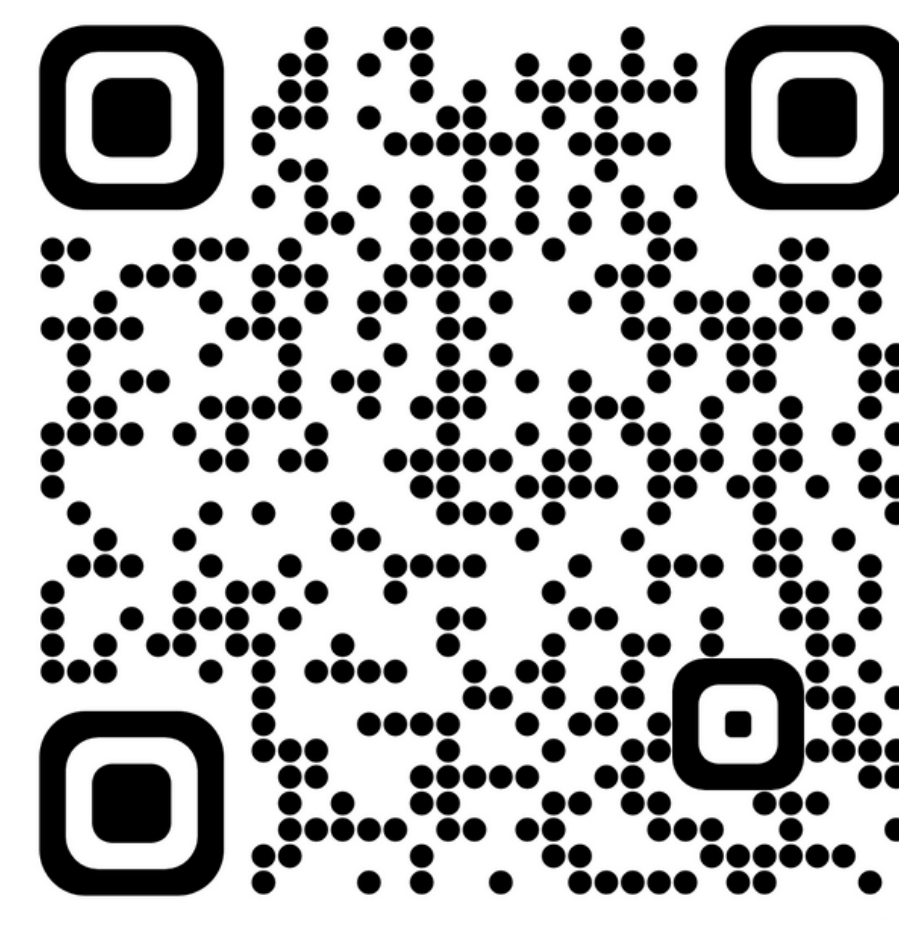SITE SUITABILITY ANALYSIS

PRE-REQUISITES

- The training program is open for Students, Faculty, and Professionals from Architecture & Planning and engineering domain.
- No prior knowledge about GIS is required as this is a beginner course.
- All the participants will need to have their own laptop and mouse with good internet connectivity

PAYMENT DETAILS

https://eazypay.icicibank.com/eazypay
Link?P1=sRyz9kTACSNePnR3I+VJaQ==

REGISTRATION

https://forms.gle/xTLSvKgQsZtkEqh96

CONNECT US

Kindly mail us on **coatrc.bhopal@gmail.com** if there are any enquiries pertaining to GAP LEVEL 1 trainibg program.

Registration is strictly basis on **First Come First Come Basis** and limited to only **40 seats.**

Kindly mail us the scanned copies of proof of payment at **coatrc.bhopal@gmail.com** to confrm the registration. Virtual meeting link will be shared after registration by email. E-Certificates shall be sent on the email which is used during registration upon successful completion of the program i.e., by attending all the sessions and completing MCQ test (To be conducted on the last day).