



**COUNCIL OF ARCHITECTURE
TRAINING & RESEARCH
CENTRE, BHOPAL**

**In
collaboration
with**



K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION

Building Services and their implementation in Architectural Design

**5 Day Online Faculty Development Program
22nd to 26th August 2022 [1:00 pm to 4:00 pm]
Last date to register: 21st August 2022**

ABOUT FDP

Building services are the systems installed in buildings to make them comfortable, functional, efficient and safe. These not only include plumbing, drainage, electrical, HVAC, and mechanical services but also contemporary ways of resource management.

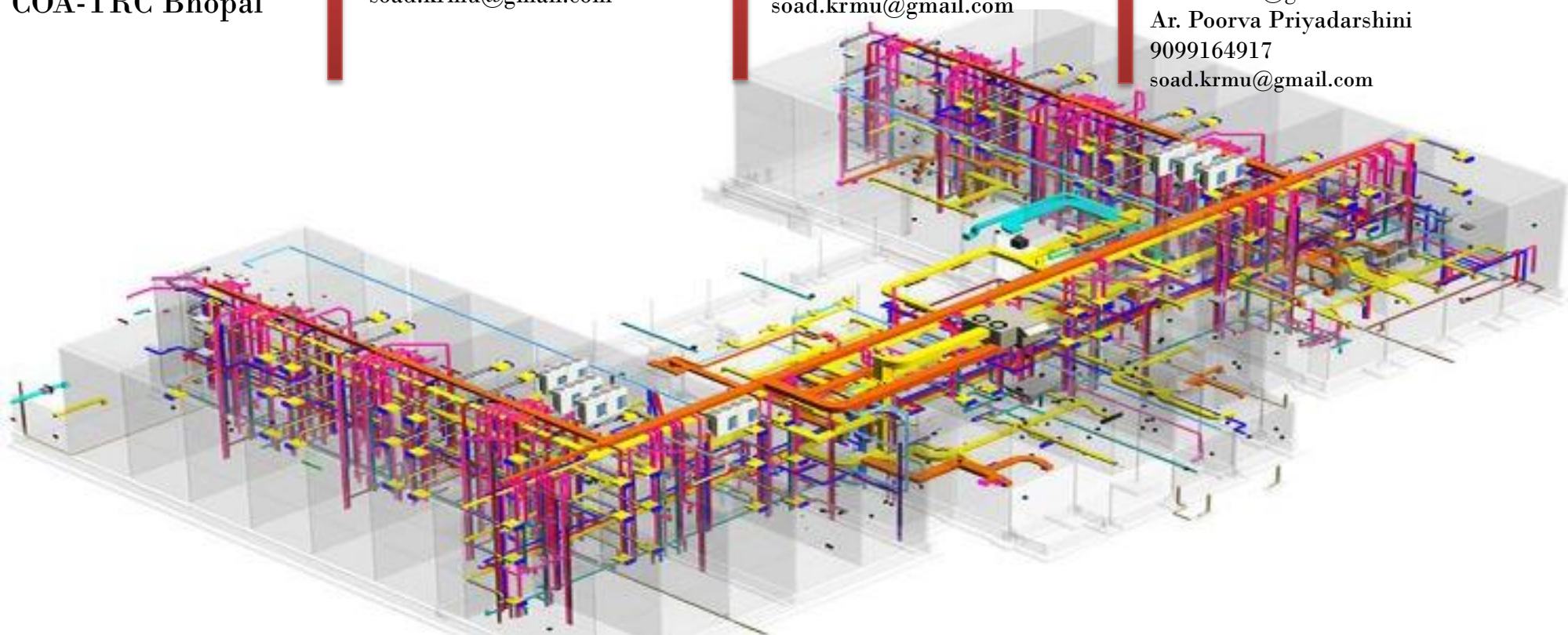
These aspects are integral to the design of contemporary buildings. Architectural education needs to ensure that this integration of building services happens at the design stage for students of Architecture. To facilitate this integration and enhance the knowledge of all faculty members, this FDP has been proposed. The FDP intends to understand, evaluate and assess the academic curriculum module of Building Services in relation to the Architecture Profession. It will give participants a platform to understand the services and relate them better to Architectural Design.

Convened by
Dr. Navneet Munoth
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COA-TRC Bhopal

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LIST OF SPEAKERS



Dr. Amitava Sarkar
Use of Solar Energy
in Buildings



Dr. Rajeev Garg
Mechanical Services
(Lifts and Escalators)



Dr. Ashwani Kumar
Building Design
and Services in Hill
Areas



Manisha Gotmare
Rainwater
harvesting : Harvest
the rain, reap the
gains



Sawant Goswami
Building Automation
and HVAC



Shubham Raut
Site Planning and
Services



Dr. Aniket Sharma
Water supply
design in the
residential building



Shabbir Lokhandwala
Industrialised way of
constructing a building
- Precast Technology



Mrinal Mathur
Sewage treatment
technology and
role of Architects



G Srilata Ram Kumar
Airport Services

Registration Fee:

For Academicians
/Professionals - INR 3000/-
UG , PG and PhD students: Rs.
2000/- (below 40 yrs of age)
The image of proof of payment
at: coatrc.bhopal@gmail.com to
confirm registrations.

*MCQ test [conducted
on the last day].
- MCQ time 4:30 pm to
5:30 pm

*Virtual meeting link [Zoom Platform] will be shared after registration by email.

*E- Certificate of the Faculty Development Program shall be sent by email on registered email id of the participant upon successful completion of the program i.e., by attending all sessions and completing

REGISTRATION LINK:- <https://forms.gle/gKPTGip6Hq6jHpZKA>

PAYMENT LINK: <https://eazypay.icicibank.com/eazypayLink?P1=sRyz9kTACSNepnR3I+VJaQ==>



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Dr. Amitava Sarkar is an Associate professor at SPA, Vijaywada. After completing Masters in City Planning from IIT Kharagpur, he did PhD from Jadavpur University. He has published several research papers on Climate Responsive Architecture and Thermal performance.

Sawant Goswami completed post graduation in Sustainable Environmental Design from Architectural Association School of Architecture, London. He is currently working as Assistant Professor at School of Planning and Architecture, Bhopal. His expertise is in the field of Sustainable Urban Design, Interior and Architectural design, Digital visualization and regulatory compliance



Manisha Gotmare is a assistant professor at IDEAS college, Nagpur and has done Masters in Environmental Architecture. She is practicing at her own firm Gotmare And associates, nagpur. She has designed and execute many projects of diverse scales and nature and has expertise in Green Building Design and Audit.



Dr Rajeev Garg, a graduate (B. Arch.) of Lucknow University and Doctorate (Ph.D.) from IIT Roorkee is a seasoned academician and professional having experience of more than two decades in the field of architecture. Dr Garg has served leading National and International corporates (TATA Consulting Engineers Limited and JACOBS Engineering) in various capacities.



Shabbir Lokhandwala is a Professional structural engineer with vast experience in design of high-rise buildings comprising of hotels, residential apartments and mixed use buildings. Also designed bridges and precast structures in Middle East and India

Dr. Ashwani Kumar is working as an Assistant professor at Malaviya National Institute of Technology Jaipur from the year 2013 and has total teaching experience of 10 years. His research interest includes appropriate development in hill regions, building regulations, vernacular architecture, development in disaster-prone areas, and sustainable development.



Srilata Ram kumar is an International Airport Professional with 15 plus years' experience in Airport Master planning, Design, Planning, Interiors Finishes, Art & Architecture, including all the Ancillary, Utility and Airport Buildings, with holistic understanding of all Landside and Airside requirements, their Design, Development ,Maintenance and Operations.



Dr. Aniket Sharma, presently Assistant Professor, Department of Architecture, NIT Hamirpur has an experience of 13 years in the field of Architecture- Teaching and research and 2 years in architectural consultancy and Project Management..



Shubham Raut is GIS Analyst, with M. Tech. in geomatics' from CEPT University, Ahmedabad. Shubham is an architect with expertise in Geo-visualization, Geospatial Analytics and Modeling and GIS for Governance.

Mrinal Mathur has experience of over 18 years in Environment and Planning. She worked for the environment agency of the UK, World Bank, UN and TERI on environment and water issues. She is an architect by training and has a Masters in Environment Planning from School of Planning and Architecture, Delhi.

