

## Barrier-Free Design and Universal Design Principle in Architecture and Planning

05-Day Online Faculty Development Program  
NOVEMBER 14th to NOVEMBER 18th, 2022  
[1:00 PM to 4:00 PM]



FACULTY  
DEVELOPMENT  
PROGRAM

NOV 14 - NOV 18, 2022

Convened by –  
Dr Navneet Munoth  
Hon Director  
COA-TRC, Bhopal

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## Barrier-Free Design and Universal Design Principle in Architecture and Planning

### About the FDP

Approximately one billion people suffer from some form of disability worldwide. Disabilities isolate people from full participation in society through physical, social, economic, and attitude barriers. Not only differently Abled but everyone needs barrier-free access .

As a result of a barrier-free environment people can move with safety and freedom and take advantage of all types of built and unbuilt environment. Designing for barrier-free access supports individuals' ability to function independently, so all activities can be taken part in without assistance.

The term barrier-free covers a wide range of issues. Similarly Universal design is also associated with barrier-free design, referring to the concept of Design for All. Universal design means the design of products, environments, programs, and services to be usable by all people, to the greatest extent possible, without the need for adaptation or specialized design.

The aim of universal design and barrier-free environment is to develop theory, principles, and solutions to enable everybody to use the same physical solutions to the greatest extent possible, whether it be buildings, outdoor areas, means of communication, or household goods. Universal design opposes, ideologically and politically, all unnecessary and stigmatizing specialized solutions, whether they are intended for people with disabilities or other groups of the population. Barrier-free features and universal design principles are now becoming fundamental to all design concepts. The awareness level about the necessity of barrier-free access needs to be raised. The inculcation of these concepts in Architect and Planning definitely bring the massive effect

Hence this proposed Faculty development Program intends to look into all the prospects of Barrier-free design and universal design principles in the Architecture and Planning domain. And also, to conduct a capacity building Program for stakeholders.

Limited Seats only First 35 Participants will get the confirmation email from the organisers.  
Regrestration will closed when Seats are Full

Kindly mail the scanned images of proof of payment on [coatrc.bhopal@gmail.com](mailto:coatrc.bhopal@gmail.com) to confirm registration. Virtual meeting link [Zoom Platform] will be shared after registration by email. E- Certificate of the FDP 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 MCQ test [conducted on the last day].

MCQ time 4:30 pm to 5:30 pm



## Barrier-Free Design and Universal Design Principle in Architecture and Planning



**Prof. Dr. Ramesh  
Srikonda**

*INCLUSIVE ACCESSIBILITY  
APPROACH IN RESEARCH  
AND DESIGN*



**Prof. Dr. Rachna  
Khare**

*UNIVERSAL DESIGN  
PEDAGOGY FROM  
EXCLUSION TO  
INCLUSION*



**Prof. Dr. Kavita  
Murugkar**

*UNIVERSAL  
ACCESSIBILITY  
GUIDELINES FOR  
BUILT ENVIRONMENT*



**Shri Iqbal Lone**

*STATE LAWS FOR  
PERSONS WITH  
DISABILITIES CASE OF  
JAMMU AND KASHMIR*



**Shri Subhash  
Chandra Vashishth**

*PRACTICE OF  
ARCHITECTURE AND  
DESIGN AND THE LAW*



**Dr. Haimanti  
Banerji**

*UNIVERSAL DESIGN -  
PHILOSOPHY, THEORY  
AND PRACTICE*



**Dr. Priyanjali  
Prabhakaran**

*SPATIAL PLANNING  
FOR ACCESSIBILITY*



**Ms. Kinaari Desai**

*"AN ACCESS AUDIT"  
STEP FORWARD  
TOWARDS INCLUSIVE  
SOCIETY*



**Ar. Shweta Wardia**  
RATIONAL FOR  
CREATING HERITAGE  
SITES ACCESSIBLE  
TO ALL

### Registration

**Registration Fee:**  
(1500/- for CoA registered Candidates only)

### Registration Link:

<https://forms.gle/saAF2RxSwhhrVEcy7>

### Payment link:

<https://eazypay.icicibank.com/eazypayLink?P1=sRyz9KTACSNePnR3I+VJaQ==>



**Ar. Ravi Chopra**  
TECHNOLOGY FOR  
IDENTIFICATION OF  
INACCESSIBLE  
REGIONS FOR  
IMPROVED  
PLANNING AND  
LIVELIHOOD



## Prof. Dr. Ramesh Srikonda

Director of School of Planning and Architecture, Vijayawada. He is an Architect and Environmental Planner. He has more than 25 years of experience in Industry as well as in Academics. He conducted an extensive research on "Energy Conservation studies in Buildings through Components / Materials and Space conditioning Options." He rendered his professional services in various capacities such as Regional Architect, Senior Architect, Chief Architect and Director of Planning, slum & JJ, in Central.



## Prof. Dr. Rachna Khare

is full Professor at School of Planning and Architecture Bhopal. She won a prestigious Fulbright scholarship twice. She a founder member of three NGOs called 'Movement for Intervention, Training and Rehabilitation of Children with Autism' (MITRA), Center for Assistive Built Environment (CABE) and Arunoday. She headed a Center for Human Centric Research (CHCR) that aims to responds to the design needs of a diverse human population.



## Prof. Dr. Kavita Murugkar

is an architect and Universal Design evangelist with over 20 years experience in education and practice. She is a Principal at Bharati Vidyapeeth College of Architecture Pune. She received ZERO PROJECT AWARD, at the United Nations Headquarters, Vienna, and NCPEDP-MPHASIS UNIVERSAL DESIGN AWARD 2014. for her efforts to promote accessibility. She has been recognised by the Ministry of Social Justice and Empowerment as an Accessibility auditor and trainer.



## Shri Iqbal Lone

served as commissioner for persons with disabilities in the erstwhile state of Jammu and Kashmir. He also worked in the non-governmental development sector for more than two decades. He is a postgraduate in social work and has also studied human rights. He has been awarded three international fellowships in his relevant professional work.



## Shri Subhash Chandra Vashishth

is a Lawyer and a Specialist in Accessibility, Universal Design & Diversity Inclusion. He is an Expert Panel Member for Accessibility on Bureau of Indian Standards (BIS) Sectional Committee for National Building Code (NBC) and has contributed substantially to the accessibility provisions incorporated in NBC 2016. He was the Core Committee of Ministry of Urban Development, Govt of India that authored 'Harmonized Guidelines & Space Standards on Barrier free Environment for Elderly & Disabled Persons' which stands notified under Sec. 15 of Disabilities Rules 2017 as the Guideline for designing accessible Built Environment.



## DR. Haimanti Banerji

full Professor at Associate Professor Department of Architecture and Regional Planning Indian Institute of Technology Kharagpur with over 10 years experience in education and 3 years in practice. She is Specialization and Expertise in Housing and Neighborhood Planning, Urban Design, Universal Design, Regional Vulnerability Assessment and Settlement Planning, Urban Design, Industrial Township Planning, and Urban Brownfield. She was also on Notable International Association as Co-coordinator of India Practicum with MIT, Boston, USA. January – May 2017.



## Dr. Priyanjali Prabhakaran

is Professor in Architecture at College of Engineering Trivandrum. She is currently Principal Investigator of Barrier Free Consultancy Cell (BFCC) which is working under grant from Social Justice department, Government of Kerala as a State Level Monitoring and Evaluation Cell of Barrier Free Kerala Scheme. She has conducted many Training Programs on Accessibility as part of BFCC. She also worked in Costford, an NGO in 1998-99, which was then headed by Padmasree Laurie Baker and in Thiruvananthapuram Development authority in 1997.



## Ms. Kinaari Desai

is working presently as Senior Manager in Advocacy & Rehabilitation At Blind Peoples Association (BPA), Vastrapur, Ahmedabad. She received 'Gold Award-Kindness Matters' by Lions Club International District. She is associated with Gujarat State Committee to make the Electoral process accessible for persons with disabilities and also a Part of the state level committee for drafting the Disability Policy to implement the Rights of People with disabilities Act, 2016 in Gujarat.



## Ar. Shweta Wardia

is an architect and conservationist. She is faculty in School of Planning and Architecture Bhopal. At Present Pursuing Ph.D. Studies at College of Environment and Design, University of Georgia, Athens. She was involved in research consultancy projects like "Design Innovation Centre: Universal Design Innovation for Heritage" sponsored by Ministry of Human Resource Development, Government and also "Universal Access Plan- Design for All



## Ar. Ravi Chopra

is an Architect and Urban Planner with over 20 years experience in practice and almost 2 years in education. He is Specialized in GIS, working as Vice President, Genesys International, Bangalore. He also worked in Location Tech. & Map products – V P, Ex-Amazon Maps (Last Mile), Ex-Wipro. He also completed a Senior Management Program, Strategy and Business Development from Indian Institute of Management, Calcutta.