

MBS SCHOOL OF PLANNING AND ARCHITECTURE, DWARKA (DELHI)

IN COLLABORATION WITH

SENSORY ALL, RAMBAGH INDORE/ KOTTURPURAM CHENNAI

PRESENTS NATIONAL ONLINE FACULTY DEVELOPMENT PROGRAM

“INTEGRATING UNIVERSAL DESIGN TO FOSTER INCLUSIVE AND ACCESSIBLE ENVIRONMENTS”

6TH - 10TH JANUARY, 2025 | 10:30 AM - 01:45 PM



Preamble

The Faculty Development Program on “Integrating Universal Design to Foster Inclusive and Accessible Environments” is designed for architectural educators committed to advancing inclusive design practices within the built environment. As societal awareness of accessibility grows, architects must be equipped with the knowledge and skills to create spaces that meet the diverse needs of all individuals, including those with physical, sensory, and cognitive disabilities. This program delves into the principles of Universal Design (UD), offering faculty practical strategies for embedding inclusivity into architectural pedagogy and practice. In addition to exploring design principles, the program will highlight relevant Indian government norms and regulations that mandate inclusivity in the built environment. The Harmonized Guidelines and Space Standards for Barrier-Free Built Environment for Persons with Disabilities and Elderly Persons (2016), issued by the Ministry of Housing and Urban Affairs, further reinforce these requirements.

By aligning with these government mandates, faculty will gain a deeper understanding of how to integrate these guidelines into design curricula, ensuring that future architects are well-prepared to create spaces that are not only functional but also inclusive, equitable, and welcoming for everyone.

Registration Details

Registration Fees- Rs. 1500/-

*******Early Bird Registration (On or before 23-12-2024)-**

Rs. 1000/-

Registration Link-

https://docs.google.com/forms/d/e/1FAIpQLSdOCWMUE3TDL0AjqjVPO63t5pQ7F2abcwIAppLldUUwZc3qCw/viewform?usp=pp_url

Program Outcomes:

By the end of the program, participants will:

1. Understand disability diversity and accessibility challenges.
2. Be familiar with accessibility laws, standards, and Universal Design principles.
3. Gain practical knowledge in designing inclusive spaces.
4. Develop strategies for embedding Universal Design in architectural pedagogy.
5. Advocate for and implement inclusive practices in their institutions and projects.

Convenor



Prof. Bijay Dash
Director, MBS SPA

Organizing Secretary



Prof. V.K. Bugga
Professor, MBS SPA

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“INTEGRATING UNIVERSAL DESIGN TO FOSTER INCLUSIVE AND ACCESSIBLE ENVIRONMENTS”

6TH - 10TH JANUARY, 2025 | 10:30 AM - 01:45 PM

Day: Understanding Disability

Speaker: Ar. Shivani Shah, Neurodiversity Accessibility Consultant

Objective: Build empathy and challenge stereotypes about disability, laying the foundation for inclusive design thinking.

Session 1: Breaking Myths, Stereotypes, and Building Empathy: Who Do We Design For?

Session 2: “Nothing About Us Without Us”- Stories, Barriers, and Enablers

Day 2: Legal Perspectives on Accessibility

Speaker: Smitha Sadasivan, Disability Rights Activist

Objective: Equip participants with an understanding of accessibility laws, guidelines, and real-life implementation challenges.

Session 1: Accessibility Laws and Rights

Session 2: Real-Life Projects and Challenges in Enforcement

Day 3: Introduction to Universal Design and Architectural Guidelines

Speaker: Dr. Kavita Murugkar, Universal Design Expert

Objective: Introduce Universal Design principles and explore architectural guidelines for external environments.

Session 1: Principles of Universal Design and Global Perspectives

Session 2: Architectural Guidelines for Accessibility (Part 1): External Environments

Day 4: Architectural Guidelines (Part 2) and Design Thinking

Speaker Session-1 : Dr. Kavita Murugkar, Universal Design Expert ,

Speaker Session-2 : Ar. Shivani Shah, Neurodiversity Accessibility Consultant

Objective: Deepen understanding of architectural guidelines for internal environments and engage in design thinking for inclusive design

Session 1: Architectural Guidelines for Accessibility (Part 2): Internal Environments

Session 2: Design Thinking for Inclusive Design

Day 5: Incorporating Universal Design in Pedagogy

Speaker: Dr. Kavita Murugkar, Universal Design Expert

Objective: Enable participants to integrate Universal Design principles into architectural education, fostering inclusive design practices.

Session 1: Embedding UD in Architectural Pedagogy: Identifying Gaps and Opportunities

Session 2: Developing Interdisciplinary and Experiential Teaching Methods

Speakers



Ar. Shivani Shah,

Neurodiversity Accessibility Consultant



Smitha Sadasivan,

Disability Rights Activist



Dr. Kavita Murugkar

Universal Design Expert

- Notes:

 - Teachers/ architects who wish to register for the development program may do so by filling up the Google form available on the given link.
 - To confirm registration, kindly upload proof of payment towards the registration fees.
 - Attendance on all days for all the sessions is mandatory and it is compulsory to stay connected online throughout the program.
 - Link to join the program will be shared one day prior to the program. This program is not for students.
 - E-Certificate of said development program shall be send via email on registered email id of participants, after successful completion of development program by participant i.e. attending all sessions and submitting assignments and feedback form of the development program.

5-Day Faculty Development Program on Universal Design

Theme: *Integrating Universal Design to Foster Inclusive and Accessible Environments*

Day 1: Understanding Disability

Speaker: *Ar. Shivani Shah, Neurodiversity Accessibility Consultant*

Objective: Build empathy and challenge stereotypes about disability, laying the foundation for inclusive design thinking.

1. **Session 1:** *Breaking Myths, Stereotypes, and Building Empathy: Who Do We Design For?*

- **Content:**

- Exploring diversity within disabilities.
- Fundamental questions: Who do we design for? What is inclusion?

2. **Session 2:** *"Nothing About Us Without Us" – Stories, Barriers, and Enablers*

- **Content:**

- Real-life stories from people with disabilities highlighting challenges and opportunities.
- Identifying environmental, societal, and attitudinal barriers and enablers.

3. **Session 3:** *Disability Etiquettes and Discussions*

- **Content:**

- Best practices for interacting with people with disabilities.
- Importance of person-first language and avoiding stereotypes.
- Open discussion to clarify doubts and explore inclusivity practices.

Day 2: Legal Perspectives on Accessibility

Speaker: *Smitha Sadasivan, Disability Rights Activist*

Objective: Equip participants with an understanding of accessibility laws, guidelines, and real-life implementation challenges.

1. **Session 1:** *Accessibility Laws and Rights*

- **Content:**

- Overview of RPWD Act, UNCRPD, and other international frameworks.
- Rights-based approach to disability inclusion.

2. **Session 2:** *Real-Life Projects and Challenges in Enforcement*

- **Content:**

- Case studies of accessibility projects in India.
 - Challenges in implementing accessibility laws.
 - Role of architects, activists, policymakers, and communities in addressing these challenges.
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Day 3: Introduction to Universal Design and Architectural Guidelines

Speaker: *Dr. Kavita Murugkar, Universal Design Expert*

Objective: Introduce Universal Design principles and explore architectural guidelines for external environments.

1. **Session 1:** *Principles of Universal Design and Global Perspectives*

- **Content:**

- The 7 Principles of Universal Design.
- Global trends and examples in Universal Design implementation.

2. **Session 2:** *Architectural Guidelines for Accessibility (Part 1): External Environments*

- **Content:**

- Introduction to guidelines for universal design, their applications, and usage
 - Key UD elements for urban planning and public infrastructure.
 - Standards for the external environment include ramps, pathways, parking, outdoor signage, etc.
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Day 4: Architectural Guidelines (Part 2) and Design Thinking

Session 1 Speaker: *Dr. Kavita Murugkar, Universal Design Expert*

Session 2 Speaker: *Ar. Shivani Shah, Neurodiversity Accessibility Consultant*

Objective: Deepen understanding of architectural guidelines for internal environments and engage in design thinking for inclusive design.

1. **Session 1:** *Architectural Guidelines for Accessibility (Part 2): Internal Environments*

- **Content:**

- Accessibility standards for buildings: entrances, interiors, circulation, restrooms, elevators, lighting, and acoustics and sensory accommodations.

2. **Session 2:** *Design Thinking for Inclusive Design*

- **Content:**

- Using empathy, ideation, and prototyping to design inclusive spaces.
 - Tools and methods for iterative problem-solving.
-

Day 5: Incorporating Universal Design in Pedagogy

Speaker: *Dr. Kavita Murugkar, Universal Design Expert*

Objective: Enable participants to integrate Universal Design principles into architectural education, fostering inclusive design practices.

1. **Session 1:** *Embedding UD in Architectural Pedagogy: Identifying Gaps and Opportunities*
 - **Content:**
 - Challenges in current architectural curricula.
 - Strategies for incorporating UD into design studios and theoretical courses.
 2. **Session 2:** *Developing Interdisciplinary and Experiential Teaching Methods*
 - **Content:**
 - Collaborative projects with disciplines like psychology, sociology, and urban planning.
 - Experiential learning through site audits and stakeholder engagement.
 3. **Session 3:** *Action Planning and Wrap-Up*
 - **Content:**
 - Participants develop action plans for incorporating UD in their teaching practices.
 - Reflection and feedback session.
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Program Outcomes:

By the end of the program, participants will:

1. Understand disability diversity and accessibility challenges.
2. Be familiar with accessibility laws, standards, and Universal Design principles.
3. Gain practical knowledge in designing inclusive spaces.
4. Develop strategies for embedding Universal Design in architectural pedagogy.
5. Advocate for and implement inclusive practices in their institutions and projects.



Shivani Shah
Founder, CEO, Sensory ALL
Architect, Accessibility Consultant

Bio

Shivani Shah is an architect and accessibility consultant. As the Founder and CEO of Sensory ALL, India's first social impact startup dedicated to sensory accessibility, she champions inclusive design, particularly for neurodiverse individuals.

Fellowships & Certifications

- India Inclusion Fellow (2024), IHE Delft Toilet Fellow (2022), Anant Fellow in Built Environment Studies (2020)
- Diversity, Equity & Inclusion certification from Cornell University

Recognitions

- Smart City Innovation Challenge & Inclusive Cities Award (2022) by NIUA and the UN in India
- INCLUDE 2022, The Helen Hamlyn Centre for Design, RCA London: Published and presented a paper on autism-friendly experiences, developed with The Indian Music Experience Museum and ReReeti Foundation.

Professional Experience

- Made The International Purple Fest, Goa 2024 as India's First Neurodiverse Friendly Festival
- Inclusive Design Consultations with Arunima Assisted Living Center, Dehradun, Autism Mitra, Bhopal
- Corporate Training Programs with Microsoft, WNS, and TCS.

Academic Contributions & Collaborations

- Contributor to ETHOS Initiative- Udit, focusing on universal design Sense & Sensibility Course and faculty development program.

- Prior universal design visiting faculty at Srishti Manipal Institute of Art and Design
 - Universal design elective course instructor at SEDTA, Navrachana University, Vadodara.
 - Design for ALL workshops with IIA-Chennai and TARA Vidyasagar for architects.
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Ms. Smitha Santhakumari Sadasivan
M.A , M.Phil in Psychology

Bio

Ms. Smitha .S. Sadasivan is an accessibility and inclusion practitioner, disability rights trainer, access auditor, and policy advocate with over two decades of lived experience with Multiple Sclerosis. Based in Chennai, she works at state, national, and international levels. Academically, she holds an M.A. in Psychology (Madras University), an M.Phil. in Psychology (Annamalai University), a Diploma in Computer Science (NIIT), and is pursuing a PG Diploma in Development Leadership.

Work Profile:

Member, TN State Advisory Board for Persons with Disabilities;;

Member, TN State Steering Committee on Accessible Elections;

Member, Protection from Sexual Harassment at Workplace Committee, Department for Welfare of Differently Abled Persons;

Member, Chennai District Monitoring Committee on Accessible Elections, Greater Chennai Corporation;

Accessible Elections Icon for Multiple Sclerosis, Chennai District, Greater Chennai Corporation;

Access Auditor for Accessible Elections 2024, District Differently Abled Welfare Office, Chennai

Ambassador for Multiple Sclerosis, International Purple Fest 2024, Goa;

Member – Managing Committee, Multiple Sclerosis Society of India, Chennai chapter;
Lead Facilitator, Trust Enabled Decisions & Support Systems, Vidya Sagar, Chennai;
Member, Disability Rights Alliance Tamilnadu;
Senior Advisor, Inclusive Health Policy, Disability Rights India Foundation;
Member, Indian Forum for Rehabilitation and Assistive Technology
Member, National Committee on the Rights of Persons with Disabilities, NCPEDP, Delhi;
Consultant, Study on Accessible Health care for Persons with Disabilities in Karnataka, NCPEDP (2023 – 2024)
Council Member, World Health Summit, Germany;
Advisory Group Member, Civil Society Alliance for Human Rights on Pandemic Treaty;
Civil Society Representative for Global South, UHC2030 & Advisory Group member for Civil Society Engagement *Mechanism for UHC2030* (2019 – 2024);
Accessibility Consultant, Election Commission of India, New Delhi (2017 – 2022);
Consultant, Consolidation of Data, World Bank Project, Department for Welfare of Differently Abled Persons, Govt of Tamilnadu (2021 & 2022);
Mentor, Javed Abidi Fellowship, NCPEDP (2020 – 21);
Ambassador, ArtAbilities, SciArtsRUs, USA;
Board Member, Mahaeashwar Special School, Mayiladuthurai District
Board Member, ADD India.

Significant awards received:

National award by Govt of India for role model person with disability– Shreshth Divyangjan 2023, Best Social Worker award by Govt of Tamilnadu 2021, Javed Abidi Public Policy Award 2019 by NCPEDP, SRM Mangayar Tharagai award 2024, Indra Nagar Womens club award for best role model woman 2021, Ooruni woman achiever award 2021, Recognised by Alma Mater Queen Maris College, etc

Current Roles:

- Senior Advisor for Inclusive Health Policy at Disability Rights India Foundation: I take forward research and advocacy measures towards health equity for persons with disabilities including Rehabilitation and assistive technology at the national and state level. Based on my

continuous advocacy, the Department of Health, Govt of Tamilnadu has recently notified 21 disability committees under the National Health Mission program. I have been continuously advocating for streamlining accessibility health care standards based on the requirements of all 21 disabilities. I am also involved in working with the Department for Empowerment of Persons with Disabilities, Govt of India in campaigning for health insurance of all persons with disabilities including Multiple Sclerosis as well as the notification of updated disability assessment guidelines by DEPWD. I continue to campaign for Universal Health Coverage of all persons with disabilities under the #UHC4INDIA campaign apart from coordinating the efforts of the disability movement for inclusion of disability questions in National Family Health Survey 6 (NFHS6). Following the exclusion of disability, my writ petition seeking inclusion in NFHS is under trial at the Madras high court since July 2023. My role involves leading research work, writing/reviewing documents, developing communications / campaigns, engaging with stakeholders nationally and internationally and documenting progress.

- Lead Facilitator, Equality Pillar, Begin to Live Interdependently with Support Systems (BLISS), Vidya Sagar, Chennai: With a motto of deinstitutionalization of persons with disabilities and enabling their safe and independent living within the community, I am engaged in facilitating community resource mapping for individuals with Disabilities and their families, develop individual support plan and support circles for them in the community, fostering community support systems to enable independent living and safe environment for them. I am currently working on a community support model at Kotturpuram. I facilitate development & execution of legal trust deeds for individuals with high support needs, based on their specific needs and preferences. I am also involved in capacity building of support professionals such as caregivers etc.
- Accessible Elections Advisor: As a member of Accessible Election Committees at the State and District level (and with extensive expertise from working as Accessibility Consultant at ECI, New Delhi 2017 – 2022), I support the respective departments by evolving and collaborating on successful strategies on accessible elections as well as enabling consultations with multi stakeholders to enhance Inclusive & Accessible Elections. My recent contribution to accessible

elections was to draft and facilitate the “Advisory to political parties in respect of persons with disabilities”, as notified by the ECI on 20th December 2023. Currently I am focussing on elections from the lens of climate change and Disability in addition to strategizing accessibility of all polling stations in the upcoming State Legislative Assembly elections 2026 as well as promoting Advisory in respect of Persons with Disabilities with all political parties. I speak in National and International webinars on accessible elections apart from attending the disability inclusive elections dialogue at Kathmandu, Nepal conducted by International Foundation for Electoral Systems (IFES) in september 2024 where I supported IFES in assessing the accessible electoral process of 5 South Asian countries Bangladesh, Nepal, Sri Lanka, India and Pakistan. The Accessibility Section of ECI is keen on strategizing accessible elections based on climate change as per my inputs as a member of National Advisory Committee for Accessible Elections.

- Managing Committee Member, MSSl, Chennai: I continue to collaborate with the Department for Welfare of Differently Abled, Govt of Tamilnadu as well as Department for Empowerment of Persons with Disabilities, Govt of India on enhancing the medical and social rehabilitation of persons with multiple sclerosis. In addition, I execute the role of peer counsellor for fellow persons with MS, campaigner/ collaborator with multi stakeholders to create awareness on MS (including working on entitlements such as health insurance, disability guidelines, quality Disease Modifying Therapies etc for persons with MS).
- Roles at International platforms: As a Council Member of the World Health Summit, I advise on inclusion of disability & health discussions at the Summit, person centered care including Rehabilitation, mental health and assistive technology within the health spectrum, engagement of more persons with disabilities and accessible operations at the Summit. As an Advisory Group Member of Civil Society Alliance for Human Rights on Pandemic Treaty, I review (zero) draft input on strategies to include disability rights within the discussions on the pandemic treaty and ensure community approach with regard to the same. As a member of Global Patient Think Tank, I am instrumental in evolving the UHC COMPASS in line with the CRPD approach. I speak at international platforms such as UN, WHO, WHS, UHC2030 etc

towards ensuring health equity for persons with disabilities and including the same at all levels of discussions on health care and Rehabilitation including SRHR & Mental Health.

- Other significant contributions at local level in the recent time: I contributed as an expert for Multiple Sclerosis to the study on direct cost to disability in the State of Tamil Nadu by Centre for Inclusive Policy.

https://inclusive-policy.org/wp-content/uploads/2024/06/Direct-Costs-of-Disability-to-Families-in-Tamil-Nadu_June-2024.pdf . I worked with Greater Chennai Corporation in creating

an accessible pathway to Marina beach and accessible parks that facilitates leisure for adults and children with reduced mobility. Currently working on similar provision at Besant Nagar

Beach, Chennai. I facilitated and supported Greater Chennai Corporation & TN Dept for

Welfare of Differently Abled Persons in ensuring door step vaccination for persons with

disabilities and their caregivers in Chennai and other districts of Tamilnadu during COVID 19

Pandemic. I was involved in setting up & management of Museum of POSSIBILITIES at the TN

Department for Welfare of Differently Abled Persons by Vidya Sagar, which is a display and

experiential centre for assistive aids & adaptations towards facilitating independent living of

Persons with Disabilities. Also worked on similar settings including adapted games at Purple

Fest Goa and promoting the same with different authorities. I facilitated a research study (by

NCPEDP- Azim Premji Foundation) on Accessible Health care services for persons with

disabilities in Bengaluru and Kalburgi districts of Karnataka.

https://ncpedp.org/wp-content/uploads/2024/06/NCPEDP_ANZ_HeathStudyReport_Karnataka.pdf. I initiated conversations, drafted the initial document on Political Advisory on

respectful language with regard to persons with disabilities and it's notification by ECI, New

Delhi.

Success stories:

<https://everyoneisgoodatsomething.com/inclusive-stories/smitha-sadasivan>

<http://www.patientsengage.com/personal-voices/multiple-sclerosis-does-not-stop-her-fighting-others-rights>

<https://stories.possibilities.com/be-yourself-and-explore-the-better-you-a-story-full-of-determination-of-smitha-sadasivan/>

https://www.thebetterindia.com/204342/smitha-sadasivan-disability-rights-activist-constitution-equality-multiple-sclerosis-india/?utm_source=rss&utm_medium=rss&utm_campaign=smitha-sadasivan-disability-rights-activist-constitution-equality-multiple-sclerosis-india

<http://www.newindianexpress.com/cities/kochi/2019/sep/04/back-on-her-to-feet-to-become-the-voice-of-disabled-people-all-over-the-world-2028482.html>

<https://cseonline.net/about-us/who-we-are/smitha-sadasivan/>.

Languages known: Fluent in English & Tamil. Basic knowledge in Hindi & Malayalam

DoB: 9th March 1980

Address: Anboli C1, 7/4 Guruvappan Street, Kotturpuram, Chennai, India

Ph: +91 9840087540,

Email: sssmitha40@gmail.com

I am a disability inclusion practitioner at the local, National and International levels with firm belief in policy advocacy that is interconnected at the 3 levels. I am persistent in my efforts towards enhancing accessibility within my hometown Chennai or advocate for policy changes with health ministries at the State and national levels or work out new strategies with accessibility division of ECI or discuss way forwards for health equity of Persons with Disabilities at International platforms such as World Health Summit, UNITE Summit, WHO consultations on SRHR, self care, NCDs, Mental health etc. On a day to day basis, I fight my chronic fatigue every moment in which my parents are a great support, in addition to the numerous infections – UTI, RTI, stomach infections, viral fevers, allergies etc some of them due to usage of public toilets and being in crowd for advocacy activities. Though I get severely sick almost every week, as soon as I feel better you can see me sitting in Marina and Besant Nagar beaches discussing beach access with my team and GCC officials or campaigning for accessible buses. I travel abroad despite my infections carrying all the antibiotics and regular medicines, to voice

the health rights of persons with disabilities and importance of community health engagement within the health systems at global and community level. 24 years of multiple sclerosis with many relapses and bouncing back has made me physically weak but I regain hope when I see small successes in my work that takes disability inclusion to the next level.



Dr. Kavita Murugkar
Universal Design Specialist & Disability Inclusion Consultant

Bio

Dr. Kavita Murugkar is a distinguished architect, educator, and Universal Design evangelist with an impressive 20-year track record in both education and practice. Her unwavering passion lies in Disability-Inclusive development and rights, specialising in the fields of diversity, inclusion, and accessibility.

Throughout her career, she has relentlessly advocated for people centred and inclusive design policies, conducted groundbreaking research, and fostered inclusive practices in the design industry and various professional platforms in India. With a doctorate at the intersection of disability, architecture, and built environments, Dr. Murugkar currently serves as the Principal of Bharati Vidyapeeth College of Architecture in Pune.

Email : murugkar@gmail.com

MBS School of Planning and Architecture

PSP Area, Dwarka Sector- 9, New Delhi- 110077

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Faculty Development Program

Integrating Universal Design to Foster Inclusive and Accessible Environments

Date	6th - 10th January 2025
Type of event	Faculty Development Program
Topic/Theme	Integrating Universal Design to Foster Inclusive and Accessible Environments
Venue	Online
Key Speakers	<i>Ar. Shivani Shah, Neurodiversity Accessibility Consultant</i> <i>Smitha Sadasivan, Disability Rights Activist</i> <i>Dr. Kavita Murugkar, Universal Design Expert</i>

Day 1: Understanding Disability

Speaker: *Ar. Shivani Shah, Neurodiversity Accessibility Consultant*

Objective: Build empathy and challenge stereotypes about disability, laying the foundation for inclusive design thinking.

Session 1: Breaking Myths, Stereotypes, and Building Empathy: Who Do We Design For?

- **Key Focus:** Ar. Shivani Shah led an insightful discussion to challenge traditional perceptions and myths around disability. She emphasized the need for a shift in mindset, encouraging participants to think beyond stereotypes and focus on the varied needs of people with disabilities. By fostering empathy, the session set the tone for the upcoming discussions on inclusive design.

Session 2: "Nothing About Us Without Us" – Stories, Barriers, and Enablers

- **Key Focus:** The second session focused on the principle of "*Nothing About Us Without Us*" and how the lived experiences of people with disabilities must inform design processes. Ar. Shivani shared real-life stories and highlighted the barriers faced by people with disabilities, along with potential enablers that can create a more inclusive environment.

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Day 2: Legal Perspectives on Accessibility

Speaker: *Smitha Sadasivan, Disability Rights Activist*

Objective: Equip participants with an understanding of accessibility laws, guidelines, and real-life implementation challenges.

Session 1: Accessibility Laws and Rights

- **Key Focus:** Ms. Smitha Sadasivan introduced participants to the legal frameworks that govern accessibility. The session covered various laws and rights of people with disabilities, emphasizing how these legal instruments are essential for creating more inclusive spaces. She also stressed the importance of understanding these laws to advocate for better enforcement and implementation.

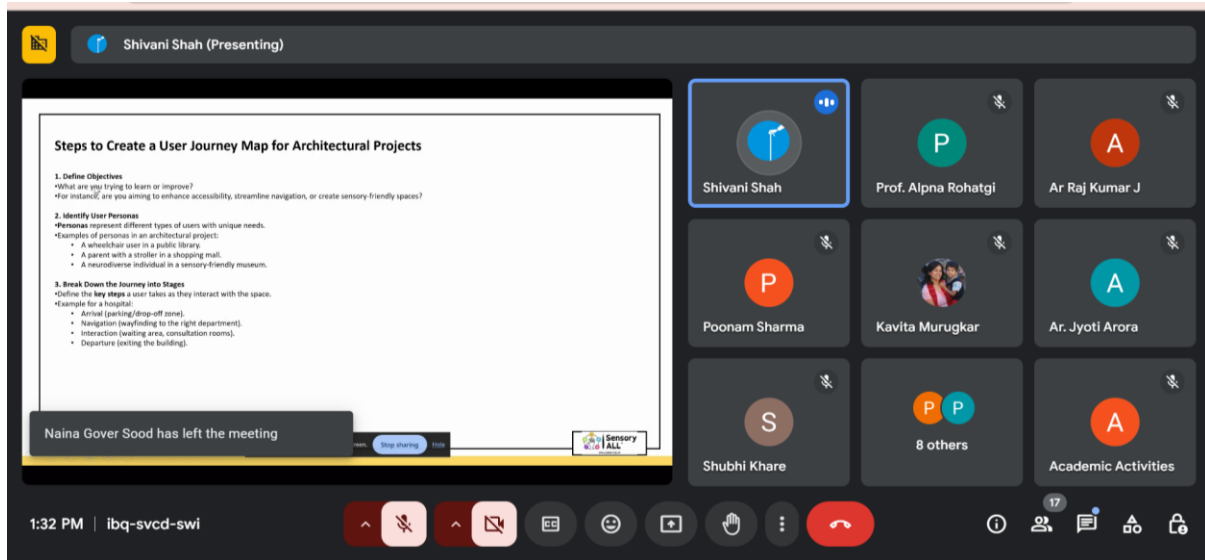
Session 2: Real-Life Projects and Challenges in Enforcement

- **Key Focus:** Ms. Sadasivan provided insights into real-life projects where accessibility standards were either met or missed. She discussed the challenges in enforcement, such as lack of awareness, insufficient resources, and the inconsistent application of standards, helping participants understand the practical aspects of accessibility implementation.

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Day 3: Introduction to Universal Design and Architectural Guidelines

Speaker: *Dr. Kavita Murugkar, Universal Design Expert*

Objective: Introduce Universal Design principles and explore architectural guidelines for external environments.

Session 1: Principles of Universal Design and Global Perspectives

- **Key Focus:** Dr. Kavita Murugkar presented the foundational principles of Universal Design (UD), explaining how these principles can be applied across various architectural typologies to ensure inclusivity. She also provided a global perspective on Universal Design, showcasing how different countries and cultures have embraced these principles to create more accessible environments.

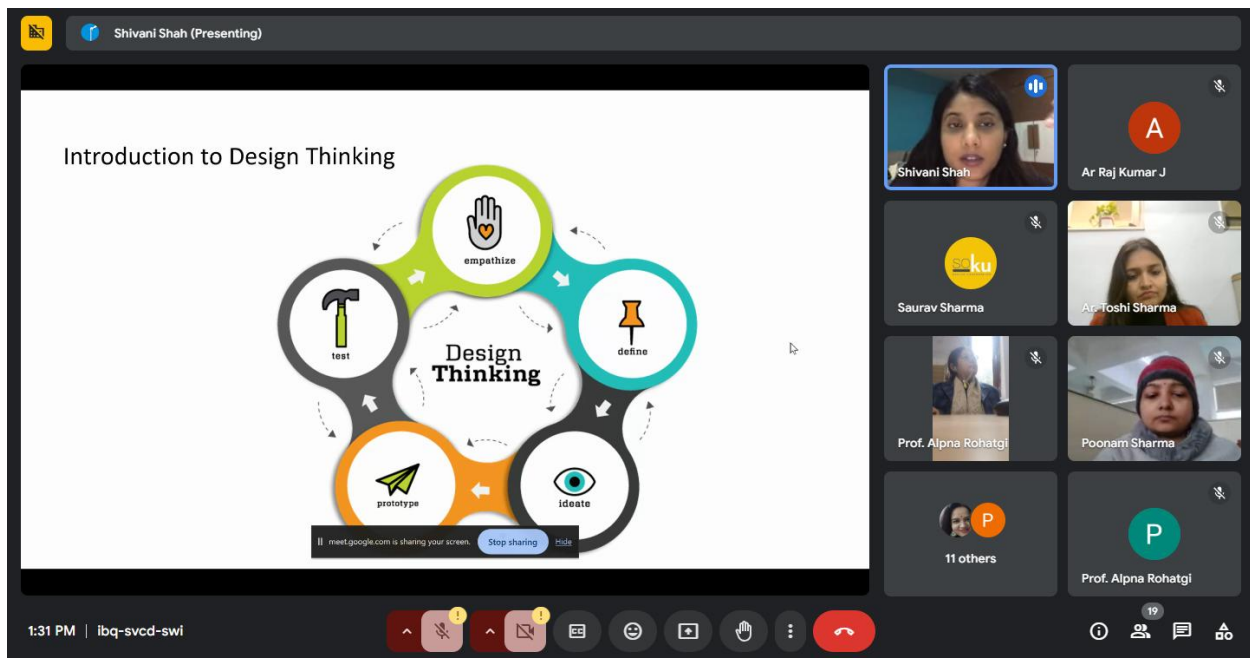
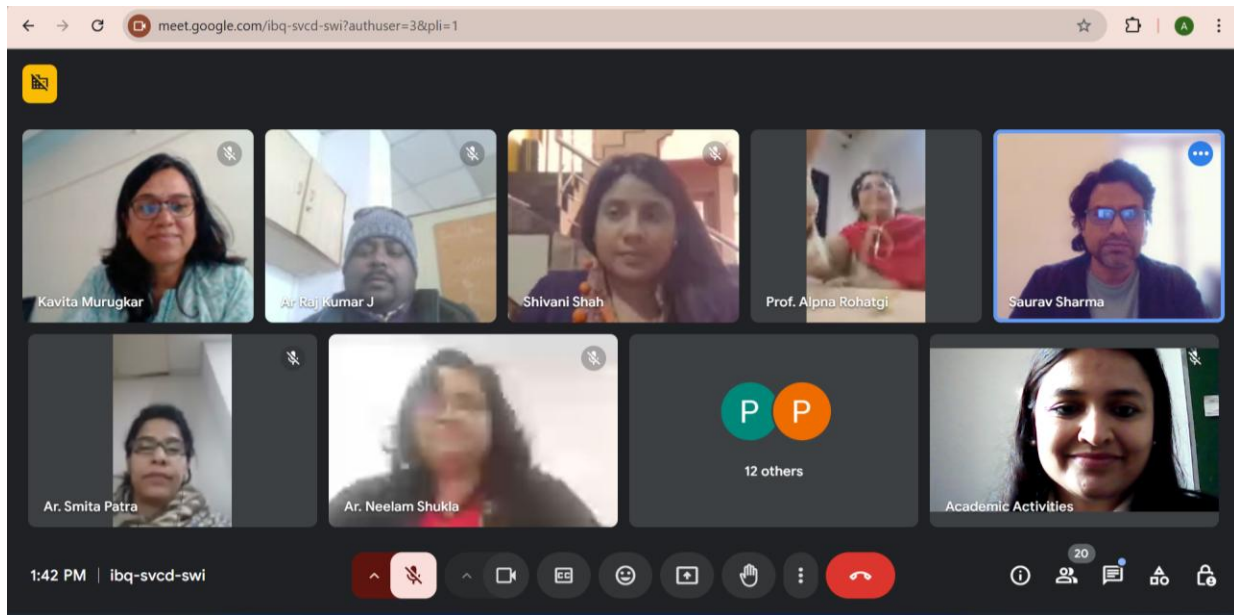
Session 2: Architectural Guidelines for Accessibility (Part 1): External Environments

- **Key Focus:** This session focused on the practical application of Universal Design principles to external environments. Dr. Murugkar elaborated on architectural guidelines for public spaces, including pathways, ramps, parking areas, signage, and public transportation. The session provided participants with the knowledge necessary to create accessible external environments.

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Day 4: Architectural Guidelines (Part 2) and Design Thinking

Speaker 1: Dr. Kavita Murugkar, Universal Design Expert

Speaker 2: Ar. Shivani Shah, Neurodiversity Accessibility Consultant

Objective: Deepen understanding of architectural guidelines for internal environments and engage in design thinking for inclusive design.

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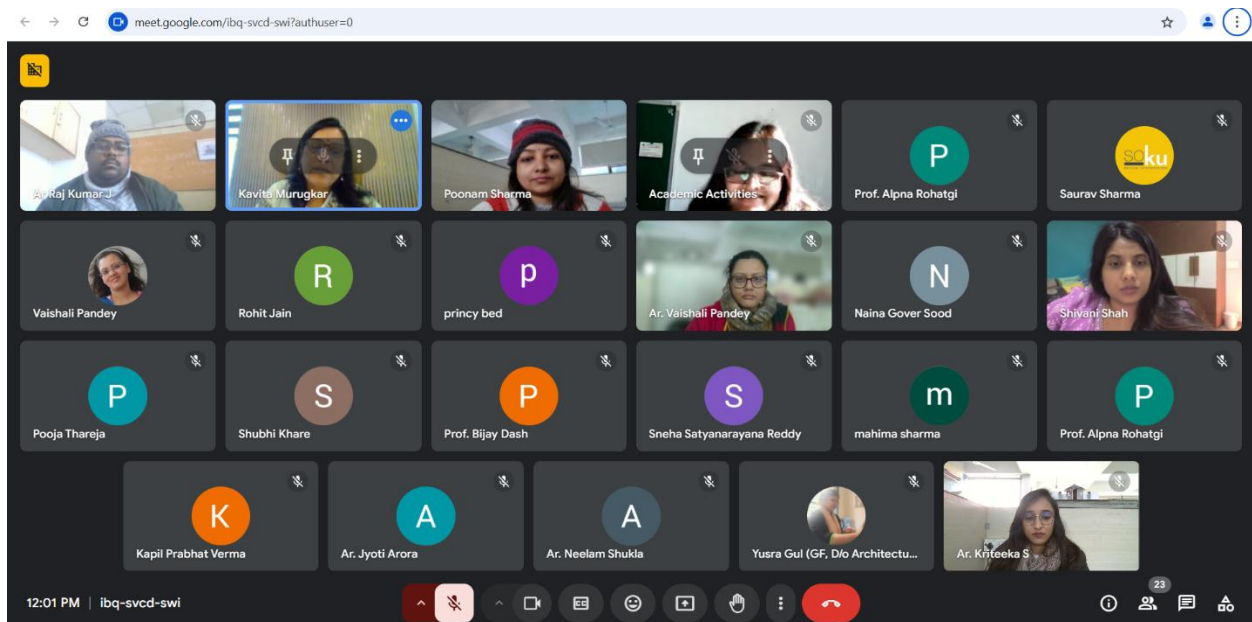
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Session 1: Architectural Guidelines for Accessibility (Part 2): Internal Environments

- **Key Focus:** Dr. Kavita Murugkar continued the discussion on architectural guidelines, this time focusing on internal environments such as building entrances, lobbies, bathrooms, elevators, and workspaces. The session highlighted essential design principles for ensuring internal spaces are accessible and comfortable for all individuals, especially those with disabilities.

Session 2: Design Thinking for Inclusive Design

- **Key Focus:** Ar. Shivani Shah introduced the concept of design thinking, encouraging participants to adopt a more empathetic and user-centered approach to design. Through case studies and hands-on activities, participants explored how to integrate inclusive design thinking into their own work, ensuring that the needs of diverse users are addressed at every stage of the design process.



Day 5: Incorporating Universal Design in Pedagogy

Speaker: *Dr. Kavita Murugkar, Universal Design Expert*

Objective: Enable participants to integrate Universal Design principles into architectural education, fostering inclusive design practices.

Session 1: Embedding Universal Design in Architectural Pedagogy: Identifying Gaps and Opportunities

MBS School of Planning and Architecture

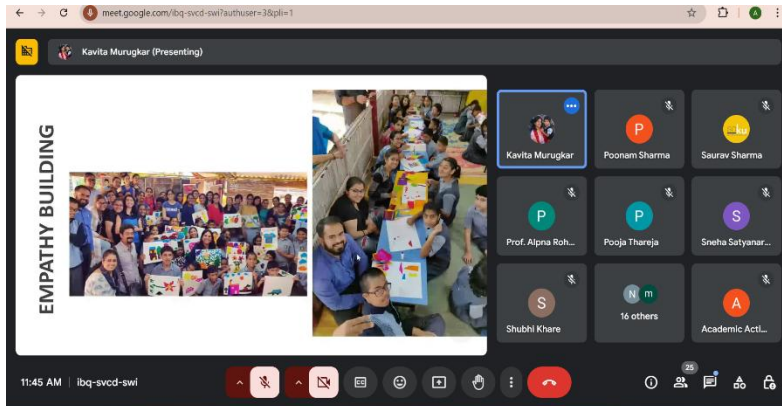
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- **Key Focus:** Dr. Kavita Murugkar facilitated a discussion on how Universal Design principles can be embedded into architectural pedagogy. Participants identified existing gaps in the curriculum and explored opportunities to incorporate inclusivity and accessibility in the education of future architects.

Session 2: Developing Interdisciplinary and Experiential Teaching Methods

- **Key Focus:** In this session, Dr. Murugkar introduced various interdisciplinary and experiential teaching methods to help students engage with the principles of Universal Design. Activities like role-playing, empathy exercises, and collaborative projects were discussed as effective ways to deepen students' understanding of inclusive design.



Conclusion

At the end of the program, participants were invited to reflect on their key takeaways. Gratitude was expressed to all speakers for their invaluable contributions to the program, particularly:

- **Ar. Shivani Shah** for her engaging sessions on empathy, stereotypes, and inclusive design thinking.
- **Dr. Kavita Murugkar** for her comprehensive and insightful presentations on Universal Design principles and architectural guidelines.
- **Ms. Smitha Sadasivan** for her expert insights into accessibility laws, rights, and enforcement.

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The program concluded with reflections from the participants, who expressed their commitment to applying the knowledge gained to create more inclusive, accessible, and empathetic environments in their professional practices.



Sign and Date

Ar. Toshi Dube
Associate Professor
Chair- Person (Academic Co-Curricular)

Director