

NATIONAL ONLINE FACULTY DEVELOPMENT PROGRAM

On

“Outcome Based Education: Best practices in Architecture and Planning Education”

DATE :

10th January - 14th January 2022

ORGANISED BY :

MBS School of Planning and
Architecture with
COA TRC, Bhopal.

MODE : Online

TIME : 2:00 pm - 5:00 pm

COA
Council of Architecture
Training & Research Centre
TRC

COUNCIL OF ARCHITECTURE,
TRAINING AND RESEARCH CENTRE BHOPAL
IN ASSOCIATION WITH
MBS SCHOOL OF PLANNING AND ARCHITECTURE,
DELHI
IS ORGANIZING

MBS
MIND BODY SOUL
SCHOOL OF PLANNING &
ARCHITECTURE
Affiliated to GGSIPU and Approved by COA & AICTE

National Online Faculty Development Program on *'Outcome-Based Education: Best Practices in Architecture & Planning Education'*

Changes in the Curriculum
Changes in Pedagogy
OBE
Practical exposure
Industrial Trainings

**5 DAYS, NATIONAL ONLINE
FACULTY DEVELOPMENT PROGRAM
FOR ACADEMICIANS, PROFESSIONALS AND RESEARCHERS
WITH COA NUMBER**

10TH TO 14TH JANUARY, 2022
(2PM – 5PM)

REGISTRATION FEE FOR BOTH ACADEMICIANS AND PROFESSIONALS : 3000/-

LAST DATE FOR REGISTRATION: 7TH JAN 2022

PAYMENT LINK: [CLICK HERE](#)

REGISTRATION LINK: [CLICK HERE](#)

• Kindly send scanned images of payment proof on Coatrc.Bhopal@gmail.com to confirm registration.
• ZOOM LINK will be shared only after registration via E-mail.
• MCQ test will be conducted on the last day (Mandatory for all participants)
• E-Certificates of the FDP shall be sent via registered E mail ID of participant after successful completion of program.

CONVENOR:
DR NAVNEET MUNOTH
HONORARY DIRECTOR
COA TRC, BHOPAL

CHIEF COORDINATOR:
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E-MAIL ID

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AR. DEEPAK
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E-MAIL ID

EMINENT SPEAKERS

Prof. V.K. Bugga
Why Architectural & Planning Education needs intervention

Dr. Minakshi Jain
Role of National Education Policy in Architecture & Planning Education

Dr. Bipasha Kumar
Importance and assessment of Outcome Based Education

Dr. Vinay Mohan Das
Restructuring of curriculum, pedagogy and assessment for OBE

Prof. Manoj Mathur
Teaching methodologies in Architecture & Planning Education: Best Practices

Prof. Milind Gujarkar
Enhancing Teaching & learning methodologies

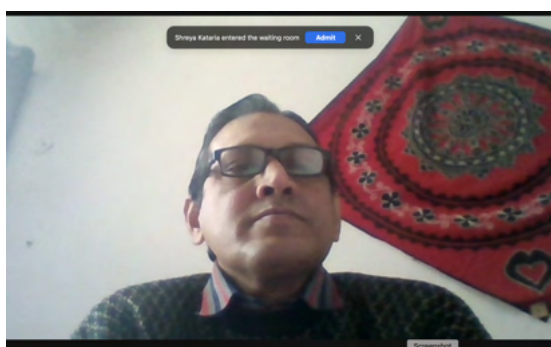
Col Virendra Malik
Technological Advancement in Architectural & Planning education

Dr. Shailesh Kumar Agrawal
Emerging Constructions Technologies

Ar. Balbir Verma
Bridging the Gap between Architecture Education & Professional Practice

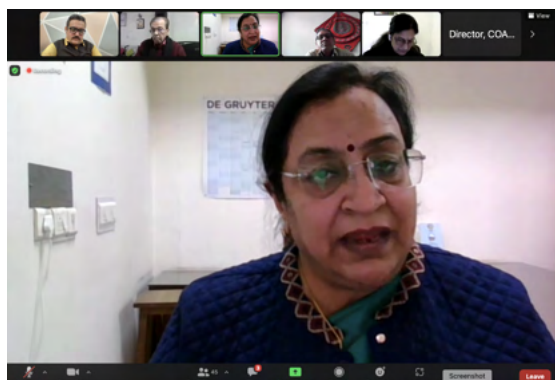
Ar. Yatin Pandya
Learning Vs Applicability

An online Faculty Development Program (FDP) on “**Outcome Based Education: Best practices in Architecture and Planning Education**” at National Level has been jointly organised by **MBS School of Planning and Architecture** and **Council of Architecture Training And Research Centre (COA TRC), Bhopal** from 10th January to 14th January 2022 with various eminent Guest speakers from the Architectural and Planning fraternity.



MBS School of Planning and Architecture has nominated their twelve faculty members for this event, namely - Prof. HKG Nambiar, Ar. Toshi Sharma, Ar. Priyajit Pandit, Ar. Anubha, Ar. Jyoti Arora, Ar. Mansha Samreen, Ar. Amrita Kaur Gulati, Ar. Ankita Mishra, Ar. Anshuman Dubey, Ar. Arpita Aggrawal, Ar. Neelam Shukla, and Ar. Rajshree Mathur along with three program coordinators, Prof. Bandana Jain (Chief-Coordinator), Ar. Navneet Singh (Coordinator) and Ar. Deepak Kumar (Coordinator).

First day of the Faculty Development Program started with a welcome speech by Prof. Bijoy



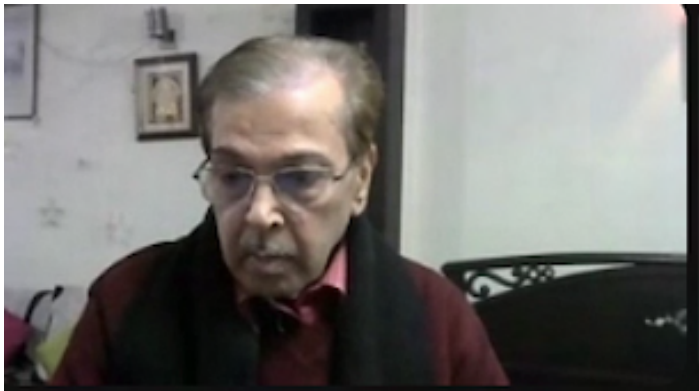
Dash, Director, MBS School of Planning and Architecture, he greeted all the participants, guest speakers and members of COA TRC, Bhopal.

Followed by this, Dr. Neerja Lugani Sethi, Dean, USAP, Guru Gobind Singh Indraprastha University appreciated the initiation of FDP and expressed her views on the Topic.

Further, Dr. Navneet Munoth, Director of COA TRC, Bhopal expressed gratitude to the participants, and requested their institutes to initiate such kind of FDP's with COA TRC.



Day1

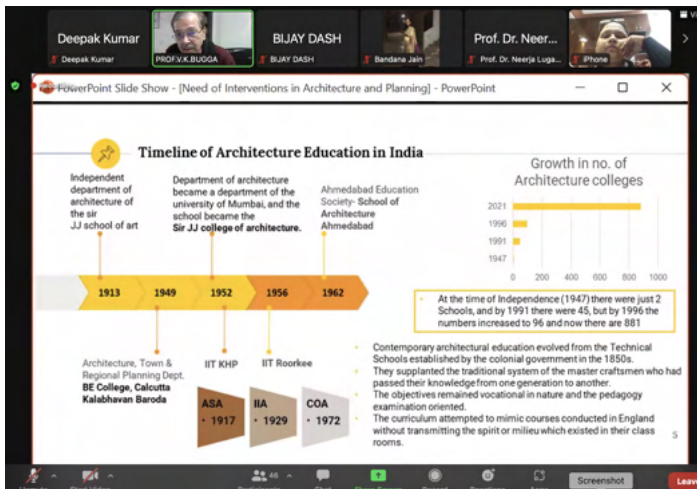


Speaker 1 : Prof. V. K. Bugga, Professor & Former Director, MBS School of Planning & Architecture.

Prof. Bugga spoke on the topic, **Why Architecture and Planning Education needs Interventions.**

Initially he explained that these professional courses are not for status or livelihood but one has to work for the society. He further explained how in

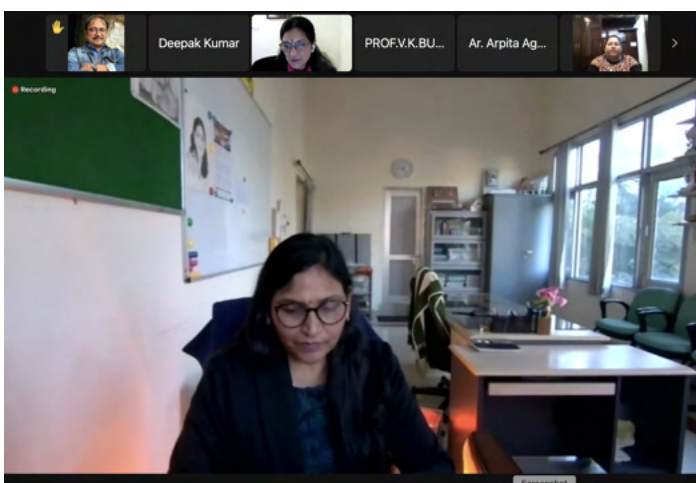
1913 Britishers started with the architecture course in India from JJ college with a perspective of drafting only as all designing was done in Britain. But with the time, IIT Roorkee and School of Architecture, Ahmedabad came with the interventions of Indian vernacular concept. Later he explained the establishment of Council of Architecture (COA) and its interventions to maintain the quality and minimum standards of education in various architecture institutes.



He also focused on the need for interventions in education system and when to intervene. He further described the interventions of softwares in Architecture and Planning these days. He further shared his experience of Delhi's sealing problem, in which Residential was being converted to shops and work places which was not a part of MPD other than Shahjahanabad. Due to which a mass sealing was done throughout Delhi and to provide with a solution, a New Mixed Use Policy came in which allowed commercial activities on designated streets and later became the part of Master Plan Delhi which is now a boom in Transit Oriented Development (TOD) to promote use of public transportation.

Day1

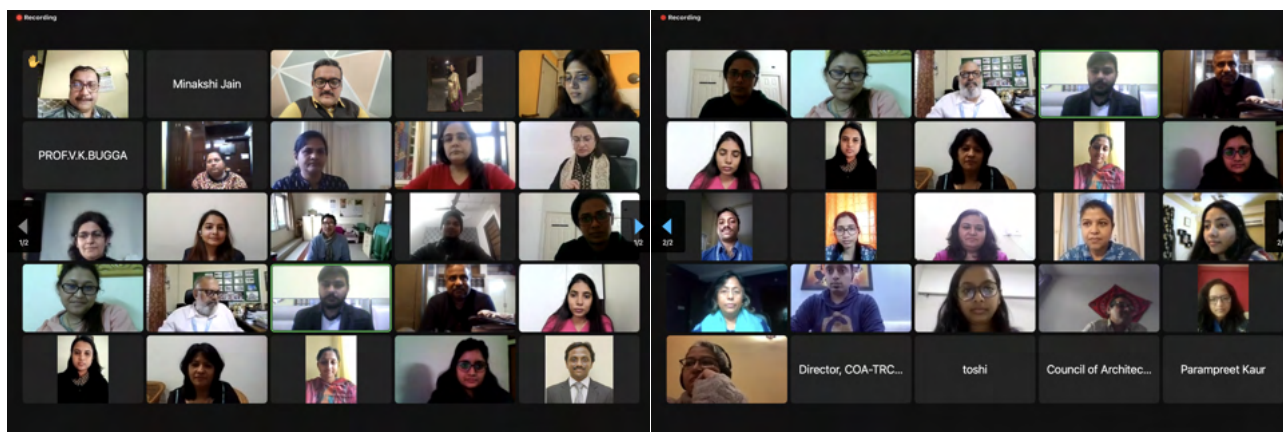
Speaker 2 : Prof. Minakshi Jain, Former Director, SPA Vijayawada.



Prof. Jain spoke on the topic, **“Role of National Educational Policy 2020 for Architecture”**. She believes education is not learning facts, but the training of the mind to think. She also guided all participants about the significance of education by expressing 2 types of education system: Gurukul and Vishwa Vidyalaya systems. She further emphasised on the aim and objectives of NEP 2020 of holistic development in

both academic and non academic spheres. She focused on development goals of focusing on diverse ancient culture and traditional Indian knowledge systems and the quality of education. She also mentioned salient features of NEP 2020 such as multiple Entry and Exit

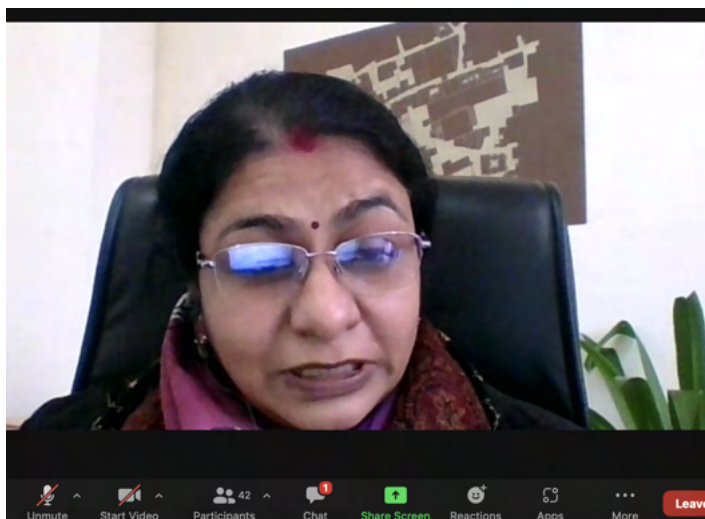
options, Academic Bank of Credit, Open and Distance Learning like SWAYAM, MOOC, NPTEL etc., mentoring from the senior/retired faculty utilising their experiences, Redeemed credit systems, Equitable and Inclusive Education, Creation of Autonomous body for exchanging ideas, presence of outstanding and enthusiastic institutional leaders, and excellent faculty with high academic, research and service credentials, integrated higher education system including professional and vocational education. In the end, she compared the old and new Professional B.Arch: Multiple Entry/Exit and in M.Arch/M.Plan, how multiple Entry/Exit works with Postgraduate Diploma or Professional Masters.



First day concluded with an intense Question & Answers and later all the participants of the program introduced themselves and the session ended with a group photograph.

Day2

Speaker 1 : Dr. Bipasha Kumar, Professor, Apeejay School of Architecture and Planning, Greater Noida.



Dr. Bipasha Kumar spoke on the topic, “**Importance and Assessment of outcome based Education**”. She focused on the outcomes in OBE mentioning its 2 major parts Emphasise on measurement

Architecture and Planning Education”

of coursework examination results and Performance indicators.

She explained the implementation of OBE with 3 learning domains stated as Cognitive Domain, Affective Learning and Psychomotor domain with their hierarchy levels. She also stated an example of Urban Design subject and explained how different stages comes under which domain. She also explained the various keys of OBE system with 5 d's namely Define Outcomes, Design Curriculum, Deliver Instruction, Document Results and Determine advancement. Also she mentioned 4 major principles of OBE stated as clarity of focus, expanded opportunity, high expectations and design down.

She later shared the course outcome of Rubric which she has introduced in her university with its advantages to the students and the faculty.

Day2



Speaker 2 : Dr. Vinay Mohan Das, Professor and HOD, Architecture and Planning at NIT, Bhopal.

Dr. Vinay Mohan spoke on the topic **“Restructuring of Curriculum, Pedagogy & Assessment for Outcome Based Education”**. He started with the Historic perspective of the study of Architectural treatises which reveals that Architect should know Shastra, Karma, Ganita, Chanda, Shilpa, Yantrakarma

and Architects should have Prajnya, and Sheela.

He also shared his contribution with in preparation of syllabus of B.Architecture with AICTE as per the New Education Policy 2020. He compared and explained the attributes and traits in Ancient Indian Architectural with Contemporary Treatises. The session ended with a fruitful Q&A from the participants.

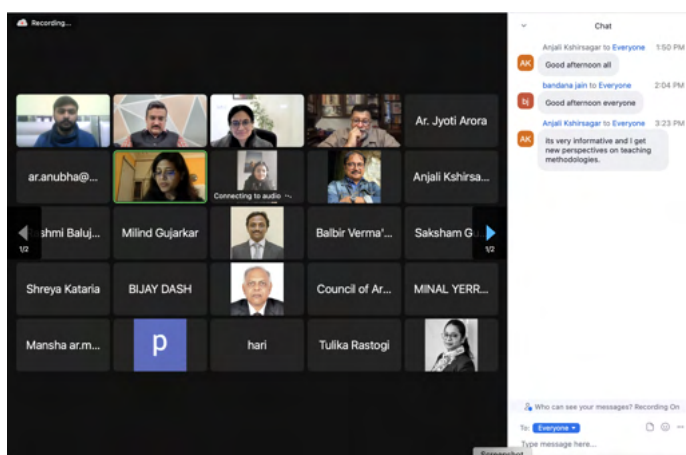
Day3

Speaker 1 : Prof. Manoj Mathur, Professor, SPA New Delhi.



Prof. Mathur spoke on the topic **“Teaching methodologies in Architecture & Planning Education: Best Practices”**. He started with Knowledge supply - The Teacher as Plumber, The desired Outcomes - A planned Architecture, Engage, Enable, Ennoble - A Teacher’s Toolkit, Leading by Example - The Best is to Practice and New Horizons - A climate of change.

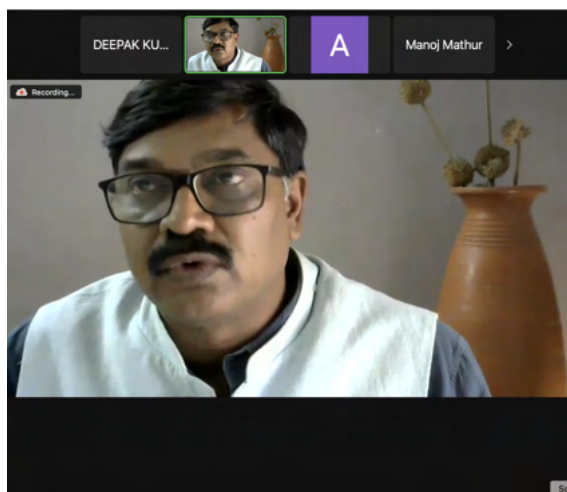
He also shared his techniques, how he make his students engaged. He also gave an example of designing a cage for an egg, which has to fall from a height and egg should not break. He added how he make his teaching enable by acting as an elder student of the class and interact with the students. Resettling the work place, every studio should have flexible furniture, his students redo the studio furniture as per the situation provided. He expressed how to approach any Design studio with an example of Housing by simplifying the complex design.



For Ennoble, he added that faculties should mark properly by using the crease of marking and appreciate the efforts and promptness of the students. One should publish the work of the students by associating in the projects and research. The faculty should share their podium and let the student speak and present his/her work.

He further added, that the Best practice of teaching Architecture and Planning is to PRACTICE. He emphasised that one should always remember you are only as good as your last project delivered. In the end he added, the school or the program is not the only place for learning. His enlightening session ended with an intense Questions & Answers round.

Day3



Speaker 2 : Prof. Milind Gujarkar, Director & HOD, IDEAS Nagpur.

Prof. Gujarkar spoke on the topic **“Enhancing Teaching & Learning methodologies”**. He stated some parameters like syllabus, Institutional Projects, Design as Base, Events without Grading and Real World Experience.

He shared how his institute do the projects on the field, as student are advised to do the work on field only and later the work done is compiled in the form of a book which then is published in a

public forum and students has to face the public which helps them to boost their confidence. He explained the seven stage process of teaching namely, orientation, consolidation, induction, application, experimentation and expression. He also shared a case study of Vertical Design Studio named as Ideas Design Opportunity, having an objective of participation on the same platform with equal opportunities to express, participate and execute. He believes in Innovate, Inspire and Experiment. Participants interacted with the speaker with their different ideas and thoughts.

Day 04

Speaker 1: Col Virendra Malik,



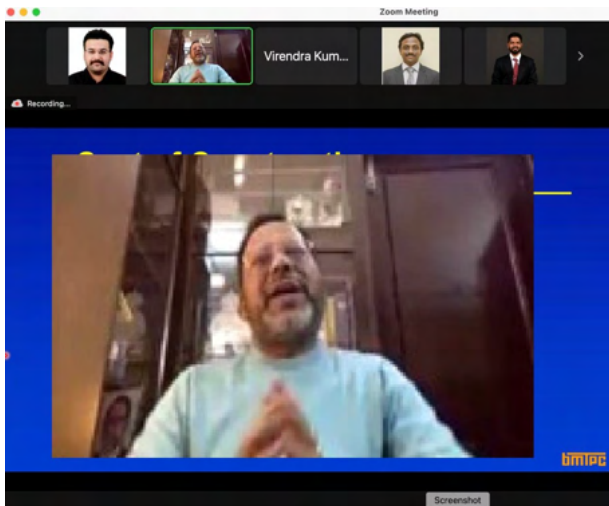
Professor at Sushant School of Art & Architecture

Col malik started the speech with history of building materials giving perfect example of industrial revolution. Moving ahead he started with Tree of OBE and future aspects of OBE. He also focused on skillset required for 21st century Architects. He shared viewpoints on student centering teaching in OBE, how the system can

work and it can lead to international level in architectural education. Student centering system will be at par with current software needs of the industry, AR & VR and BIM. He mentioned the three pillars of future architecture that are- Intelligence, Flexibility and sustainability. He also stated the need of automation in the industry, where all the activities can perform simultaneously which can lead to over all time and resources saving. He also shared the importance of parametric designs giving examples of Frank Gehry where he used CATIA software, which is also being used in Army.

He also focused on all BIM related software. He also focused on the 7 D's of the BIM industry. Towards the end of the presentation, he focused on the importance of 3D printing in the construction industry.

Speaker 2:



Dr. Shailesh Kumar Agrawal, Head of BMTPC

Sir started with the PMAY scheme by the Indian Govt focusing on housing shortage. He then focused on the conventional construction techniques, specially focusing on shortage of sand in the process. In the process he gave importance to the green construction techniques. He focused on prefabrication in the construction industry to speed up the housing process and curb housing shortage.

Monolithic construction technology was the part he focused the most on.

Day 05:

Speaker 1:

**Ar. Balbir Verma,
Past President IIA**



He started beautifully by addressing that an Architect must be a jack of all and master of one. He also had some suggestions for restructuring architectural education. He focused on the industrial experience of the architect teachers, an Architect must possess some experience before joining as a teacher. Towards the end he laid importance of subject Professional practice as well. He showed video

clips to empower his thoughts in the presentation.

Speaker 2:

**Ar. Yatin Pandya,
Private Practitioner & Visiting Faculty at CEPT**



Sir has started with laying attention on the diverse approach in learning where dance, songs and poems play an important role. He has drawn the comparison between the regional architecture and modern architecture in many areas like Kerala and Jaipur. By this he paid attention to the traditions and rich cultures that are always in Architecture. In his ppt he has shown small interventions in slums

to enhance the quality of living. He also focused on the Design parameters by which we all should focus more on design rather than fulfilling norms only.

As day 05 was the last day of the FDP after all the eminent speakers Prof Bandana Jain shared a vote of thanks to the Guest speakers and invited Director COA TRC bhopal to conclude the session with his report.

Dr. Navneet Munoth, Honorary Director, COA TRC Bhopal took the mic and he shared his thoughts on the FDP. He thanked MBS SPA and Team FDP for their efforts. He presented a brief report on all the days of the sessions by concluding all the sessions in his words.

Post which Prof. Bijay Dash, Director MBS SPA, shared his vote of thanks to all the speakers and participants.

The overall event was concluded with a MCQ test based on the 5 days of the event, which started at 5:15 pm and ended at 6:30 pm.

FDP Coordinators:



Prof. Bandana Jain
(Chief Coordinator)

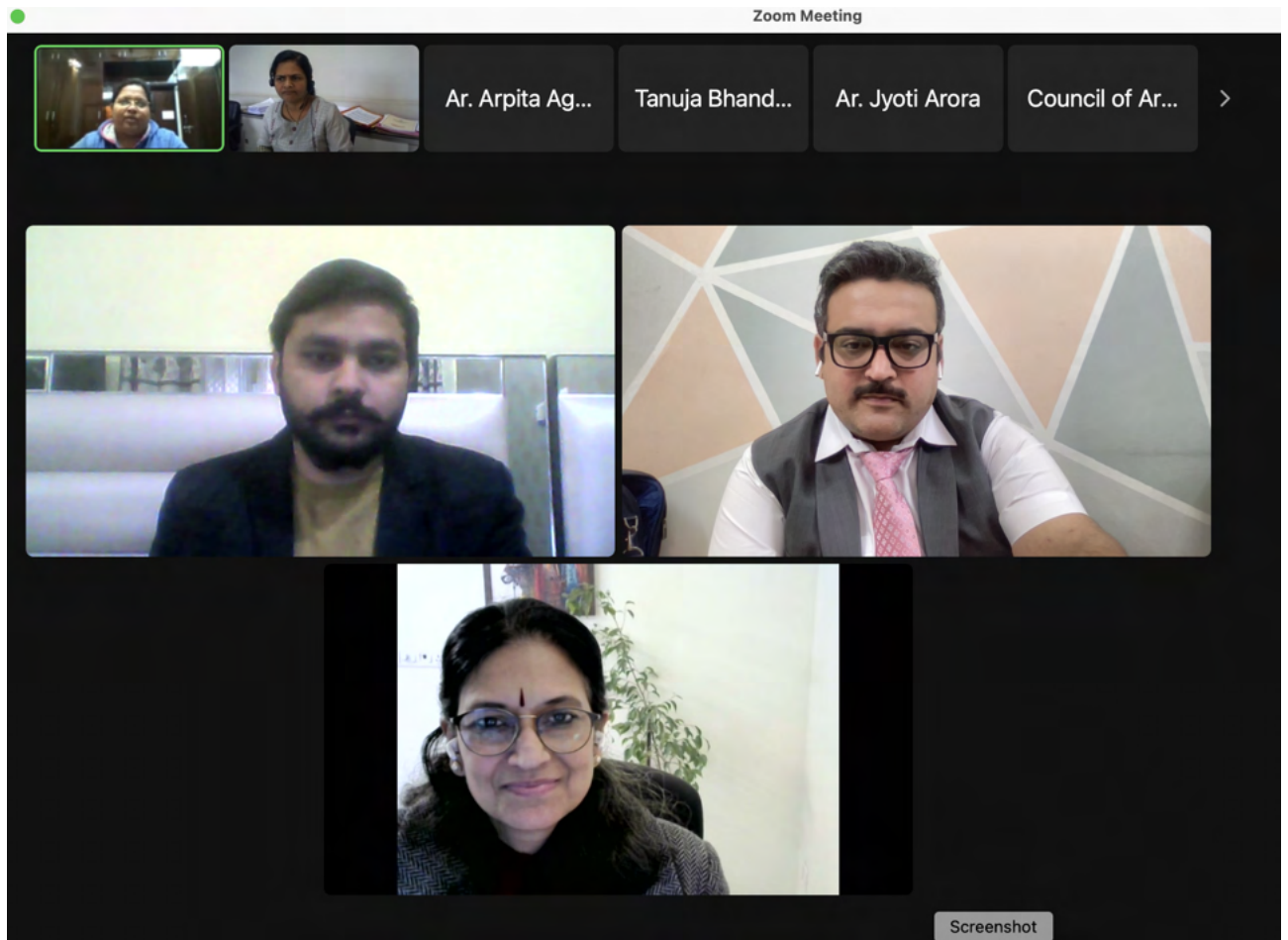


Ar. Navneet Singh
(Program Coordinator)



Ar. Deepak Kumar
(Program Coordinator)

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