Faculty & Staff Development Centre
(AIU-SVU FSDC'S AADC)

Report on the FDP: Indian Knowledge Systems (Ancient Indian Science)

Dated: 01 - 06 July 2024

The Faculty & Staff Development Centre (FSDC), in collaboration with the K J Somaiya Institute of Dharma Studies, organized an Online Faculty Development Programme (FDP) on 'Indian Knowledge Systems (Ancient Indian Science)' from 1st July 2024 to 6th July 2024. The FDP spanning 36 hours of training, was designed to help participants gain a deeper understanding of selected ancient Indian sciences to further incorporate in the curriculum at their respective colleges/departments. The FDP was inaugurated by Prof. V. N. Rajasekharan Pillai, Vice Chancellor, SVU. He highlighted the emergence and importance of IKS in Indian Universities and Colleges. The context for the FDP was set by Dr. Pallavi Jambhale, Director, K J Somaiya Institute of Dharma Studies, while Dr. Preeti Rawat, Director FSDC, highlighted the role and objectives of FSDC.

Date: 1 July 2024

Session 1: Ancient Indian Chemistry and Metallurgy
Dr. Sachin Joshi, Research Assistant in the Department of Archaeology at Deccan College, Pune, provided an overview of ancient Indian practices in chemistry and metallurgy, highlighting their relevance and applications in modern contexts.

Session 2: Ancient Indian Chemistry and Metallurgy
Continuing from the previous session, Dr. Sachin Joshi delved deeper into the advanced techniques and processes used in ancient Indian metallurgy, showcasing the scientific knowledge possessed by ancient Indians.

Date: 2 July 2024

Session 1: Rock Cut Architecture
Dr. Pallavi Jambhale, Director of K J Somaiya Institute of Dharma Studies, explored the intricate designs and engineering marvels of ancient Indian rock-cut architecture, emphasizing its historical and cultural significance.

Session 2: Ancient Indian Science of Debate
Dr. Rudraksha Sakrikar, Adjunct Associate Professor of Sanskrit at K J Somaiya Institute of Dharma Studies, discussed the sophisticated debate techniques from ancient Indian texts, focusing on their role in philosophical and scientific discourse.

Session 3: Ancient Indian Temple Architecture
Ms. Monalisa Behera, Assistant Professor in Art History at K J Somaiya Institute of Dharma Studies, examined the architectural styles and symbolism in ancient Indian temples,

highlighting their aesthetic and spiritual dimensions.

Date: 3 July 2024

Session 1: Ancient Indian Weather Science
Dr. Rudraksha Sakrikar, Adjunct Associate Professor of Sanskrit at K J Somaiya Institute of Dharma Studies, provided insights into ancient Indian methodologies for weather forecasting, revealing how these traditional practices align with modern meteorological science.

Session 2: Ancient Indian Weather Science
Dr. Rudraksha Sakrikar continued this session with a deeper analysis of ancient Indian texts related to weather science, demonstrating their accuracy and scientific basis.

Session 3: Ancient Indian Animal Husbandry
Dr. Pankaj Goyal, Scientific Assistant in the Archaeozoology Laboratory at Deccan College, Pune, explored the advanced practices of animal husbandry in ancient India, emphasizing sustainable and ethical approaches.

Date: 4 July 2024

Session 1: Ancient Number Naming Systems in Scientific Texts
Dr. Bhagyashree Bavare, head of the Centre for Buddhist Studies at K J Somaiya Institute of Dharma Studies, explained the numerical systems used in ancient Indian scientific texts and their applications in various fields.

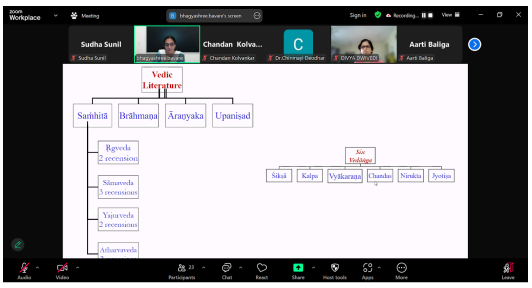


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Session 2: Ancient Indian Mathematics
Prof. Mahesh Shetti, Assistant Professor in Physics at Wilson College, discussed significant contributions of ancient Indian mathematicians and the impact of their work on contemporary mathematical theories.

Session 3: Ancient Indian Science of Debate
Dr. Rudraksha Sakrikar, Adjunct Associate Professor of Sanskrit at K J Somaiya Institute of

Dharma Studies, returned to delve into the methods of structured debate from ancient texts, showcasing their importance in intellectual and scientific advancements.

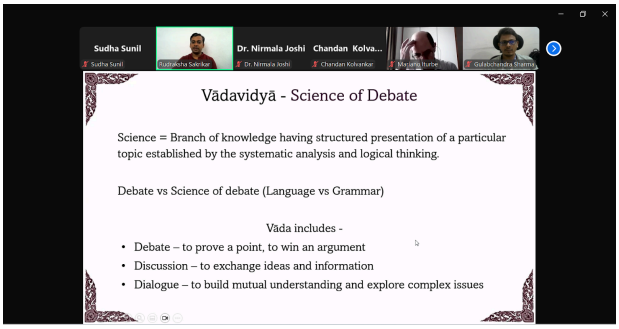


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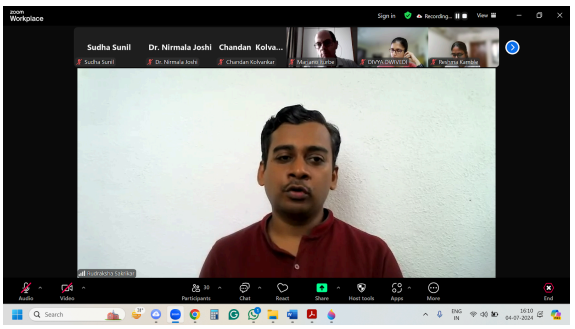


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Date: 5 July 2024

Session 1: Sculptures
Ms. Monalisa Behera, Assistant Professor in Art History at K J Somaiya Institute of Dharma Studies, provided an in-depth analysis of ancient Indian sculptures, focusing on their artistic techniques and cultural narratives.

Session 2: Ancient Indian Mathematics
Prof. Mahesh Shetti, Assistant Professor in Physics at Wilson College, continued with an exploration of complex mathematical concepts developed in ancient India and their influence on global mathematical progress.

Session 3: Rock Cut Architecture
Dr. Pallavi Jambhale, Director of K J Somaiya Institute of Dharma Studies, revisited the topic of rock-cut architecture, highlighting lesser-known sites and their unique architectural features.

Date: 6 July 2024

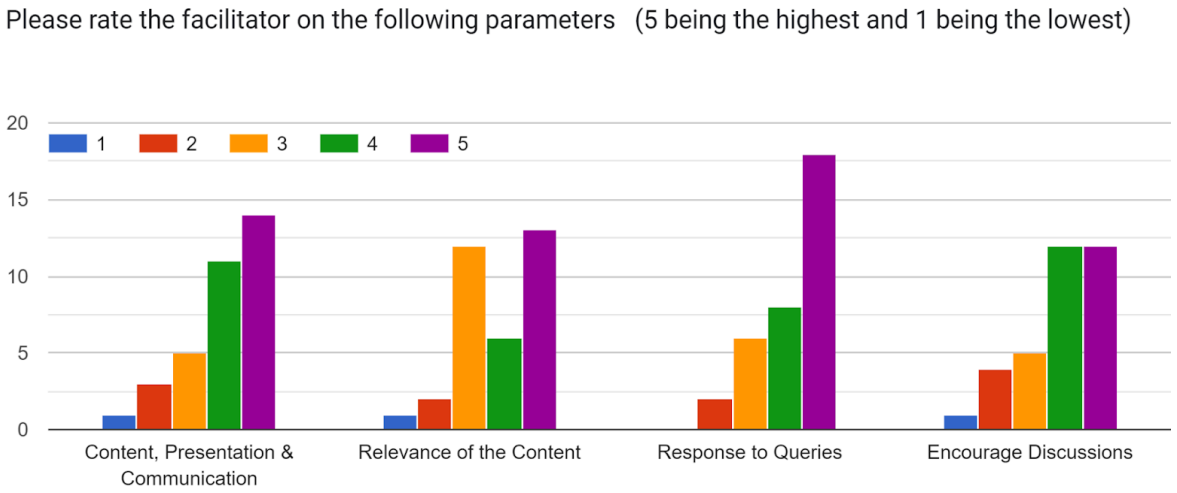
Session 1: Ancient Indian Astronomy
Dr. Vinita Navalkar, Assistant Editor, Sage Publications, art historian and curator, examined the astronomical knowledge of ancient India, discussing its accuracy and relevance in today's scientific community.

Valedictory Session:
The FDP concluded with a valedictory session, where participants shared their reflections, followed by a vote of thanks from Dr. Preeti Rawat, Director of FSDC. The Faculty Development Programme successfully provided participants with a rich understanding of ancient Indian sciences and their modern-day applications, fostering a greater appreciation for India's scientific heritage.

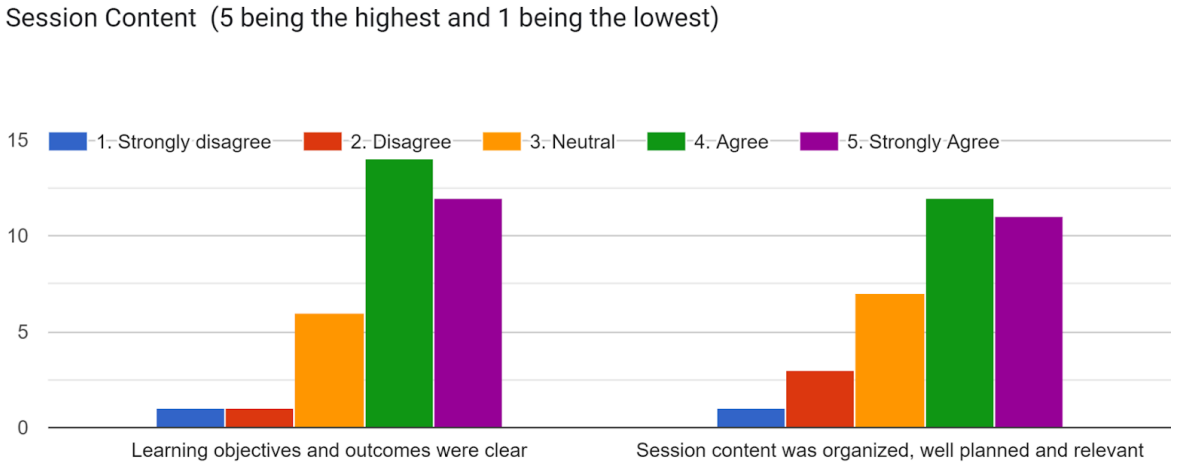
Feedback Analysis :

No of Participants	**38**
Feedback Received	**37**
Facilitator Feedback- Dr. Sachin Joshi	**4.01**
Facilitator Feedback- Dr. Pallavi Jambhale	**4.52**
Facilitator Feedback- Dr. Rudraksha Sakrikar	**4.52**
Facilitator Feedback- Ms. Monalisa Behera	**4.40**
Facilitator Feedback - Dr. Pankaj Goyal	**4.55**
Facilitator Feedback - Dr. Bhagyashree Bavare	**4.47**
Facilitator Feedback- Prof. Mahesh Shetti	**4.48**
Overall Feedback Analysis	**4.42**

Feedback on the Facilitator : Dr. Sachin Joshi

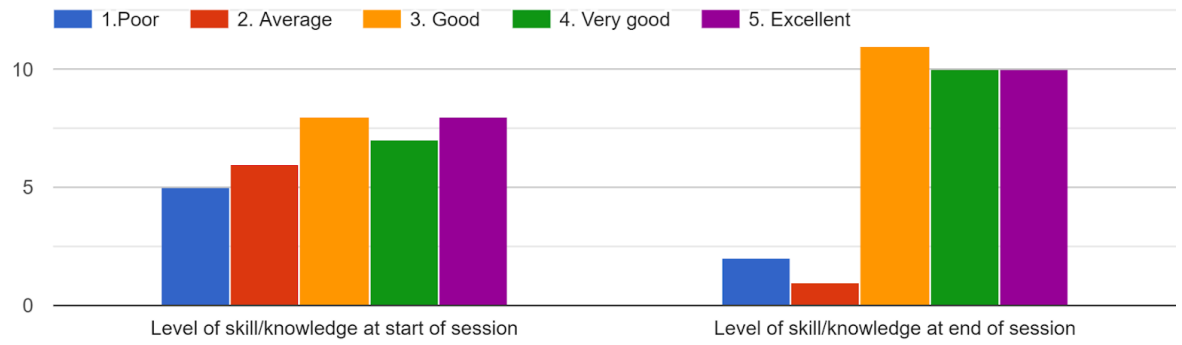


Session Content Feedback:



Learning Outcome Analysis:

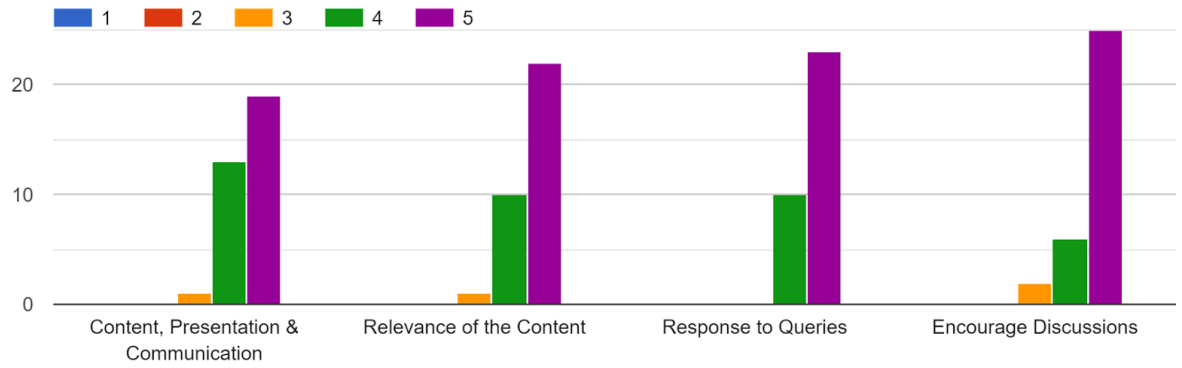
Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Day 2:

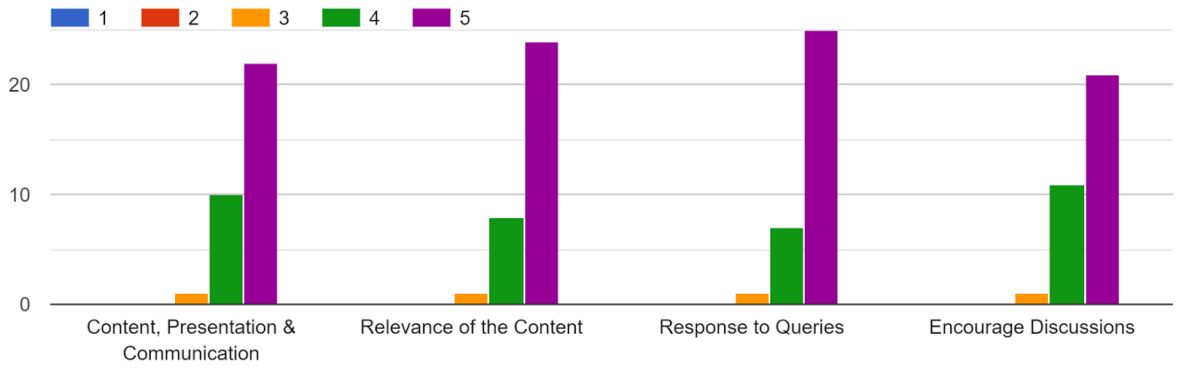
Feedback on the Facilitator : Dr. Pallavi Jambhale

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



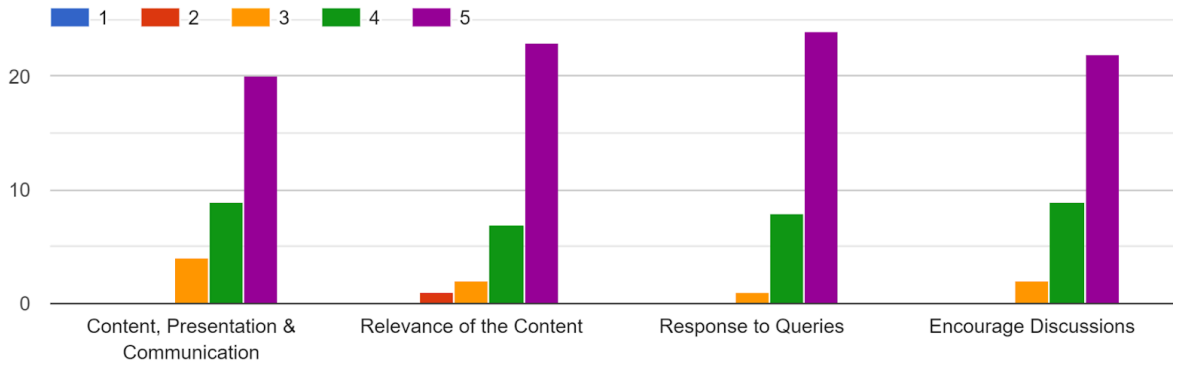
Feedback on the Facilitator : Dr. Rudraksha Sakrikar

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



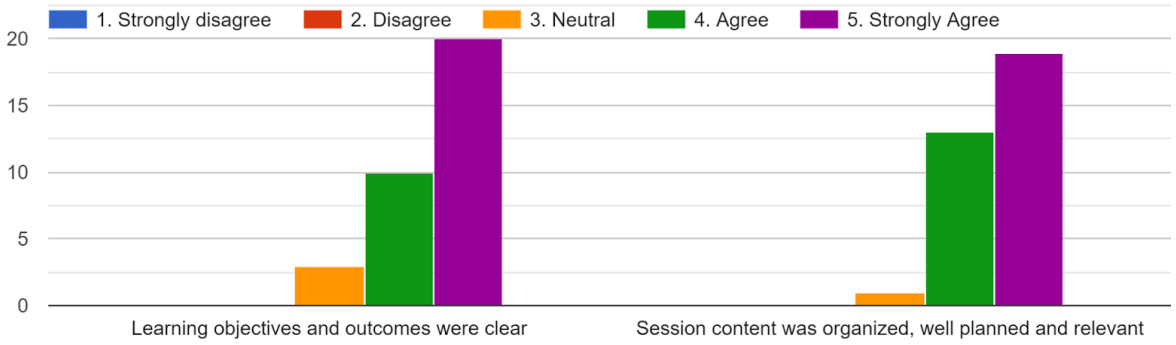
Feedback on the Facilitator : Ms. Monalisa Behra

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



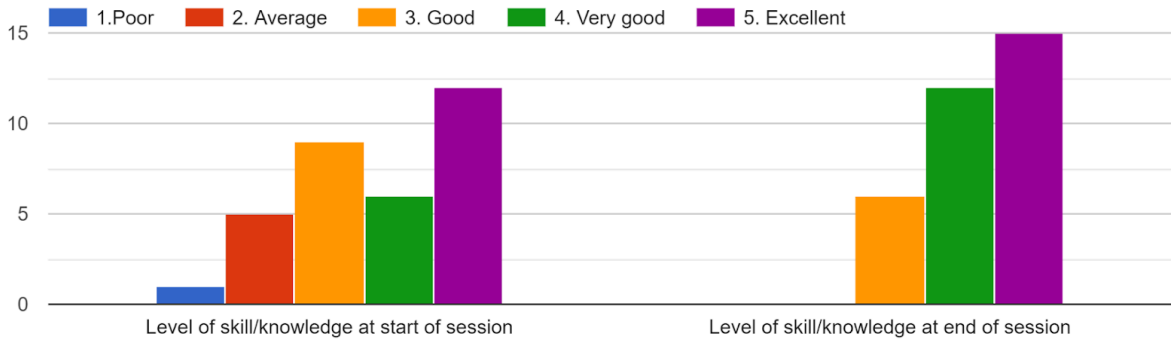
Session Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



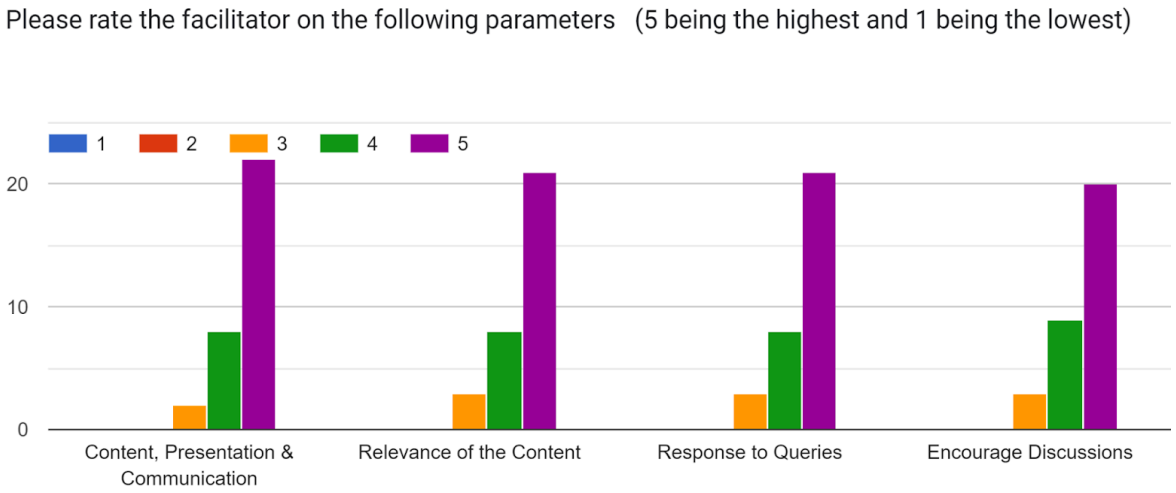
Learning Outcome Analysis:

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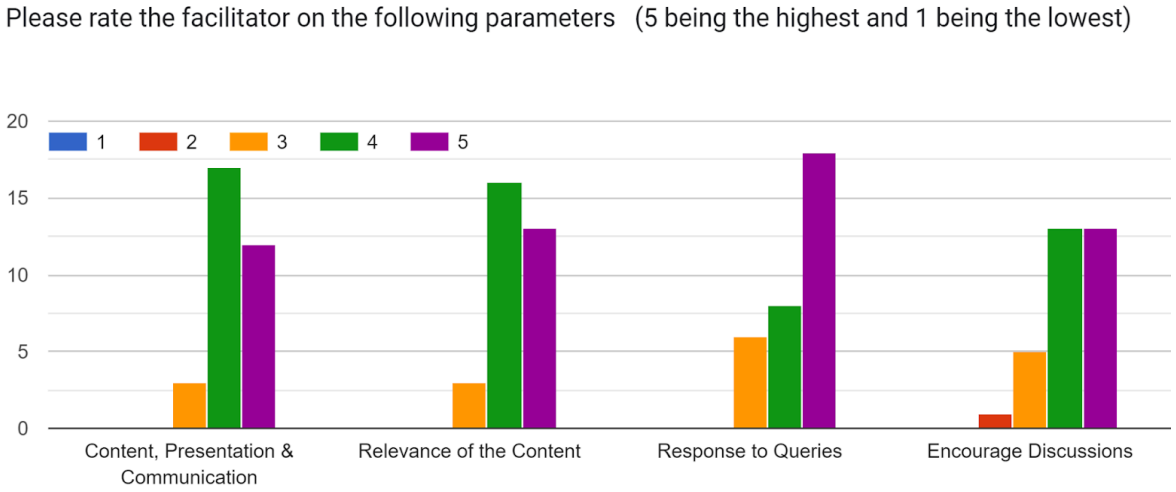


Day 3:

Feedback on the Facilitator : Dr. Rudraksha Sakrikar

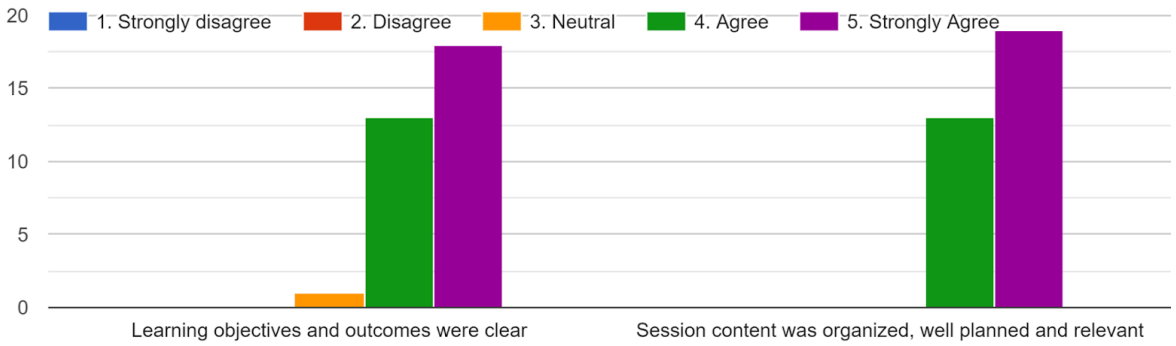


Feedback on the Facilitator : Dr. Pankaj Goyal



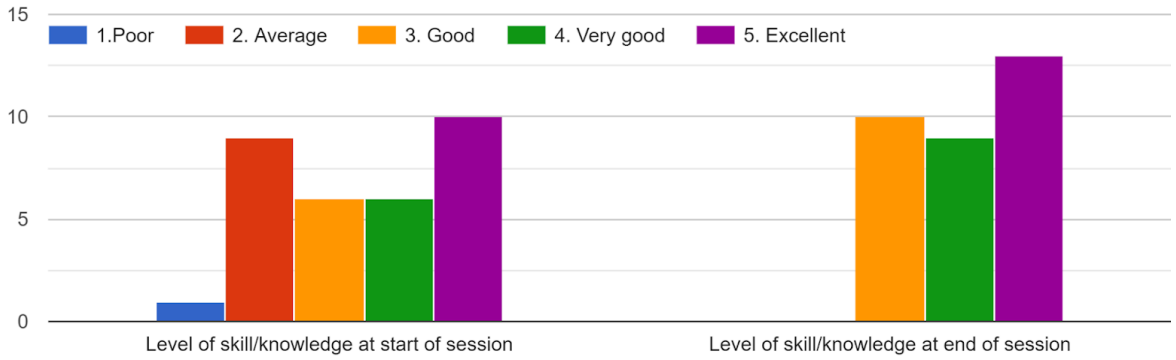
Session Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



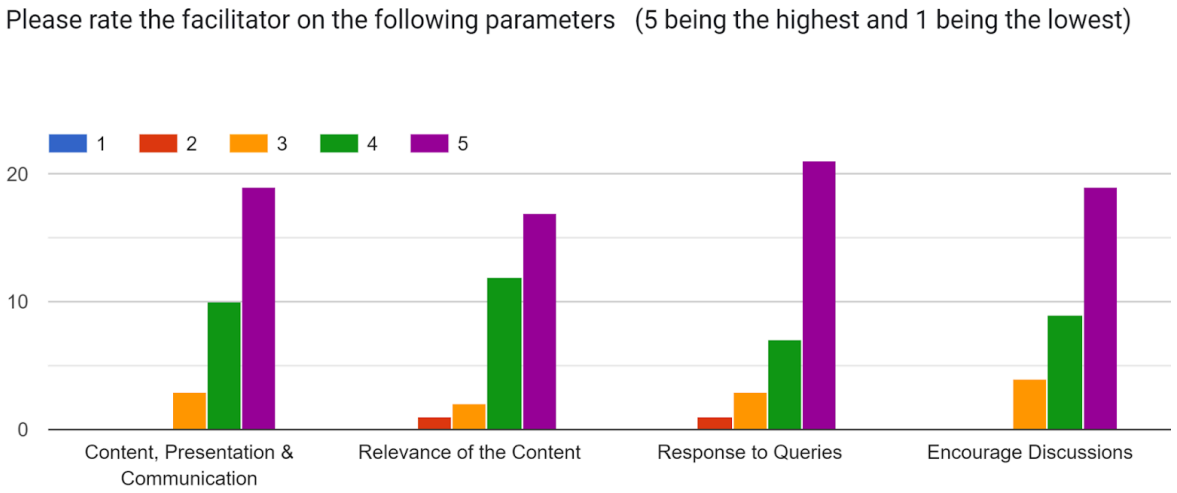
Learning Outcome Analysis:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)

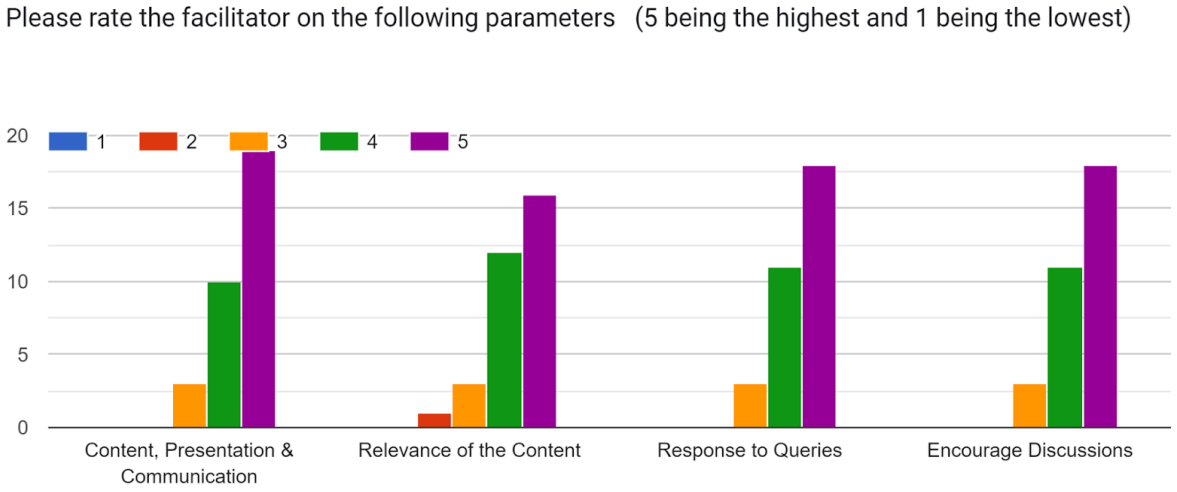


Day 4:

Feedback on the Facilitator : Dr. Bhagyashree Bavare

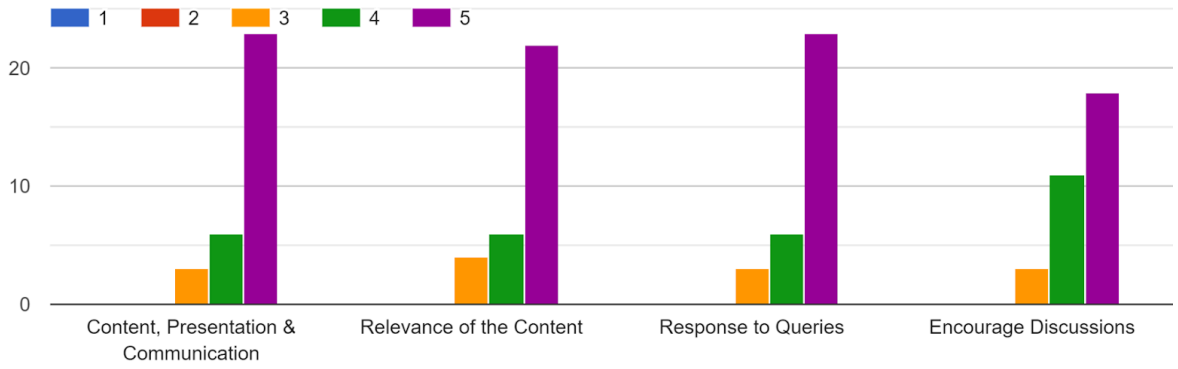


Feedback on the Facilitator : Prof. Mahesh Shetti



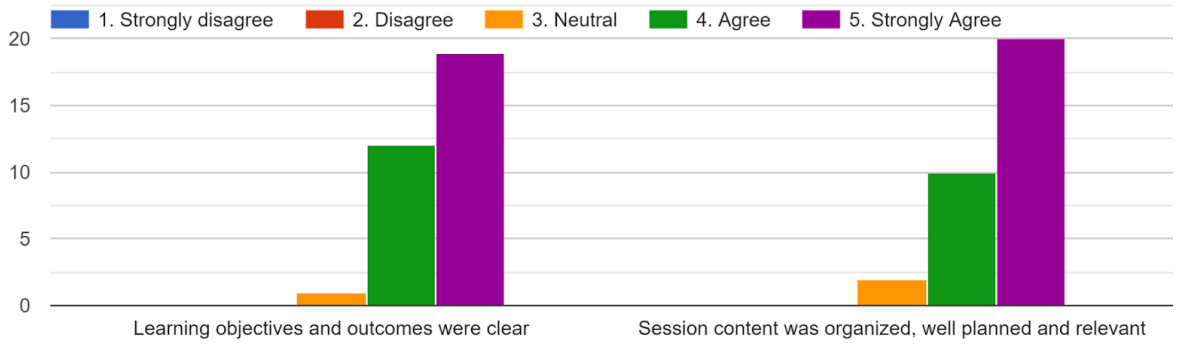
Feedback on the Facilitator : Dr. Rudraksha Sakrik

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



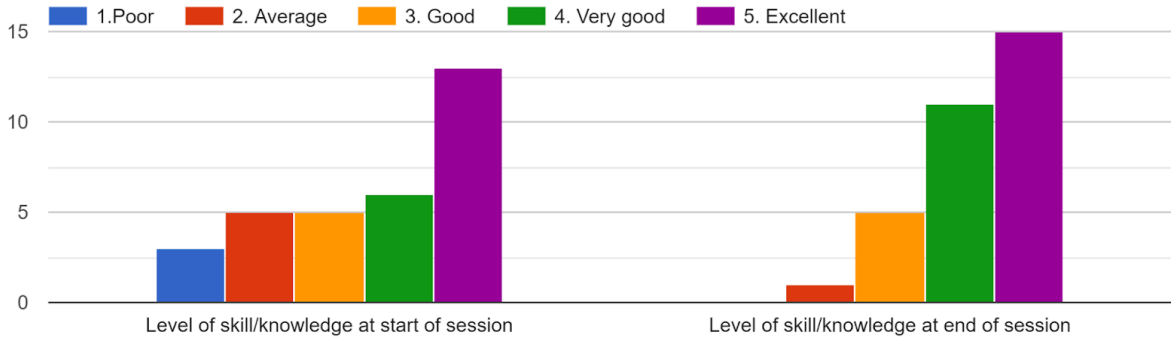
Session and Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

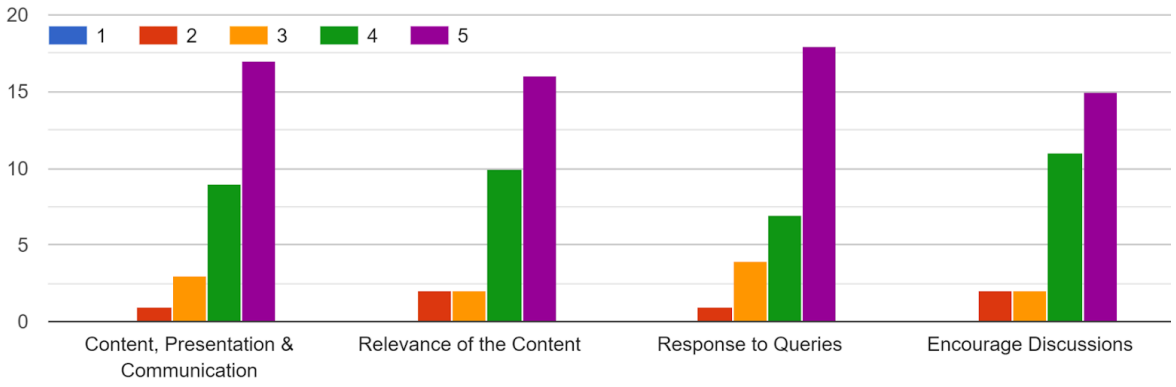
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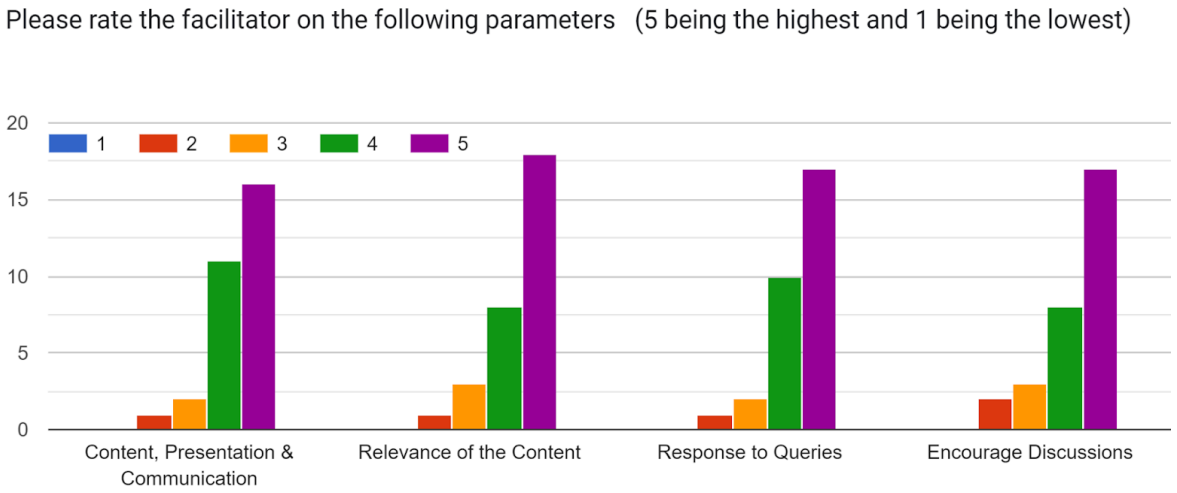
Day 5:

Feedback on the Facilitator : Ms. Monalisa Behera

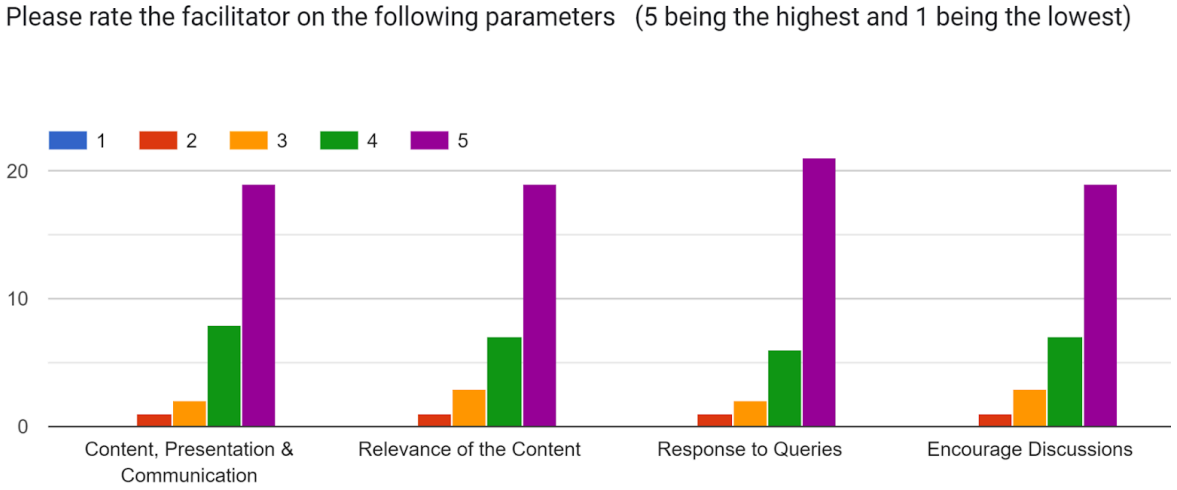
Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



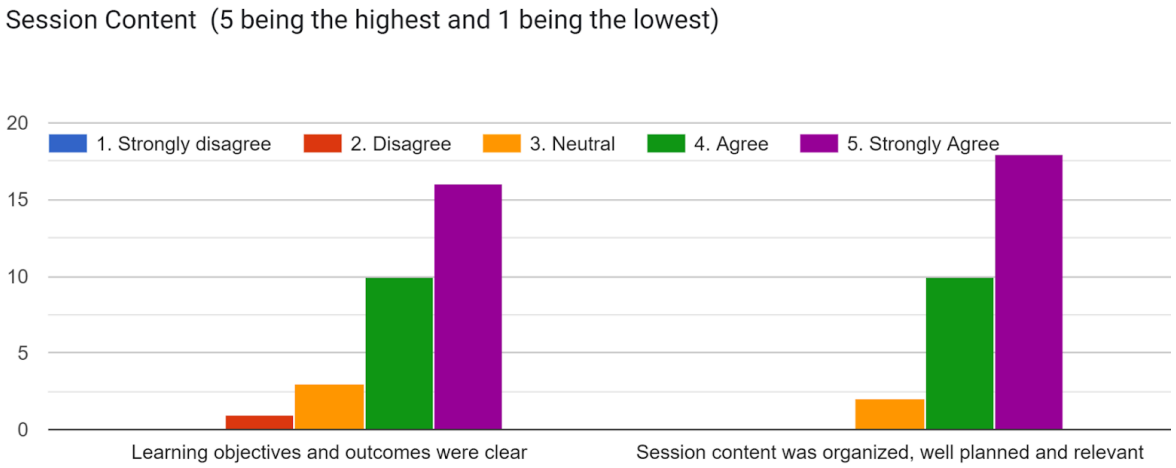
Feedback on the Facilitator : Prof. Mahesh Shetti



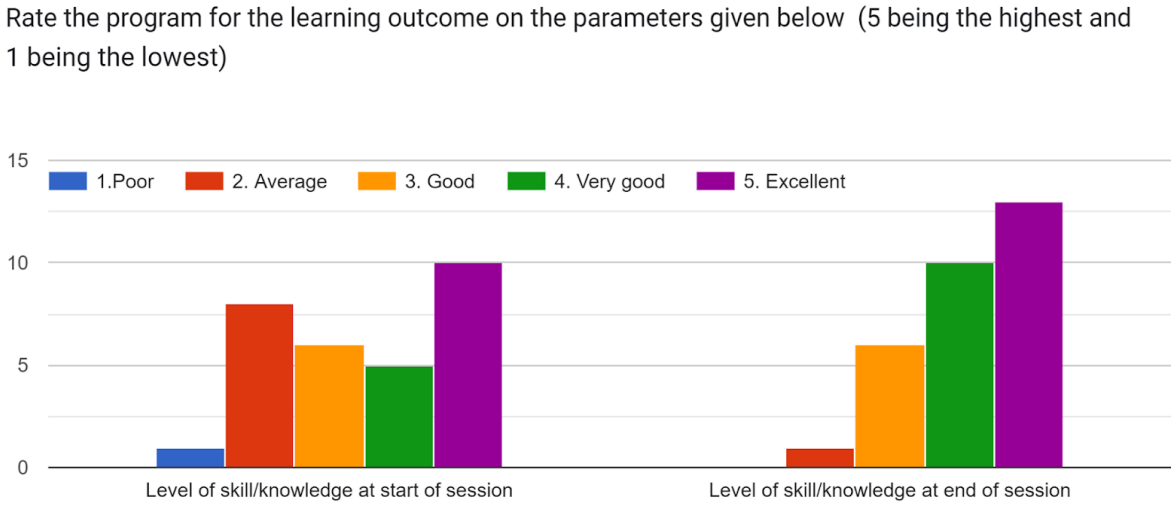
Feedback on the Facilitator : Dr. Pallavi Jambhale



Session and Content Feedback:

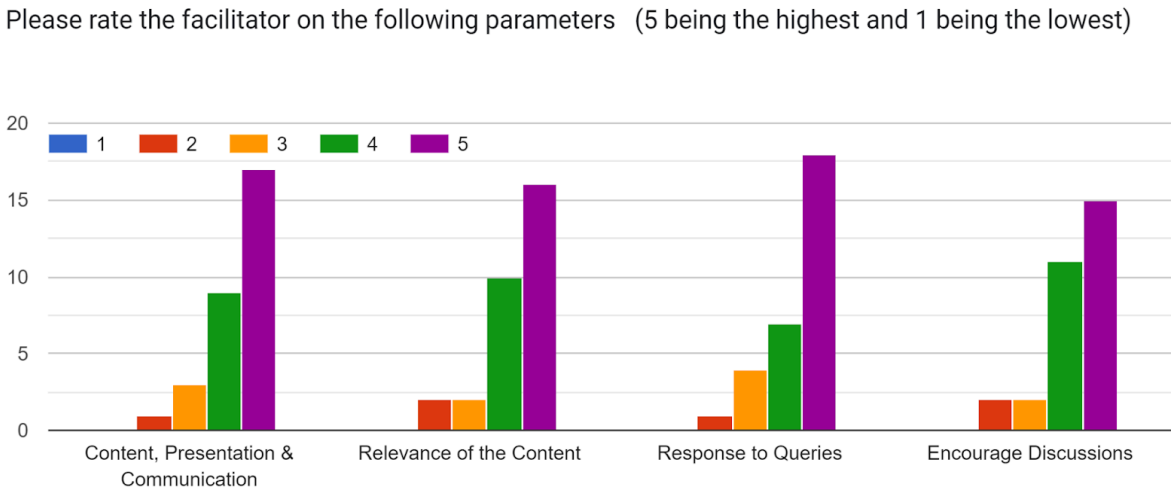


Learning Outcome Analysis:

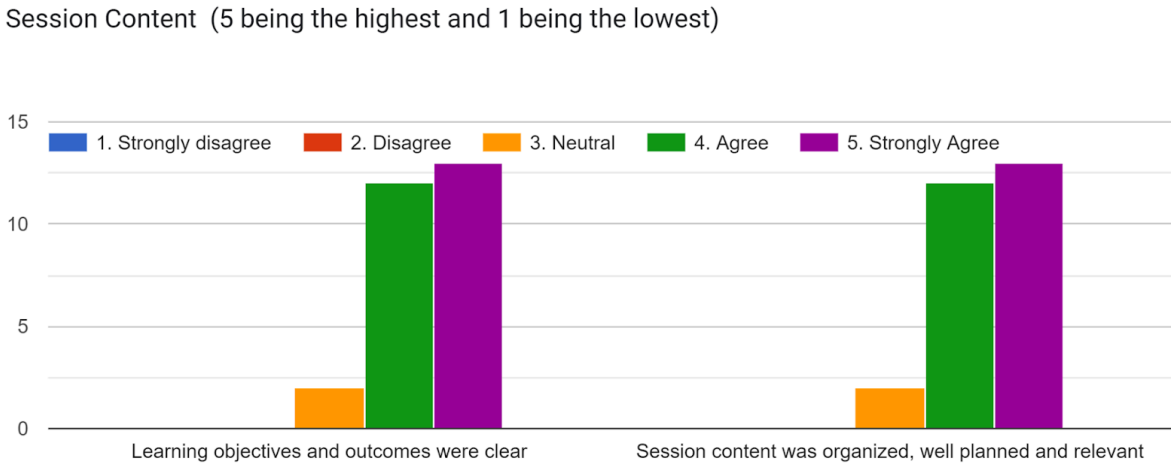


Day 6:

Facilitator Feedback:



Session Content Feedback:

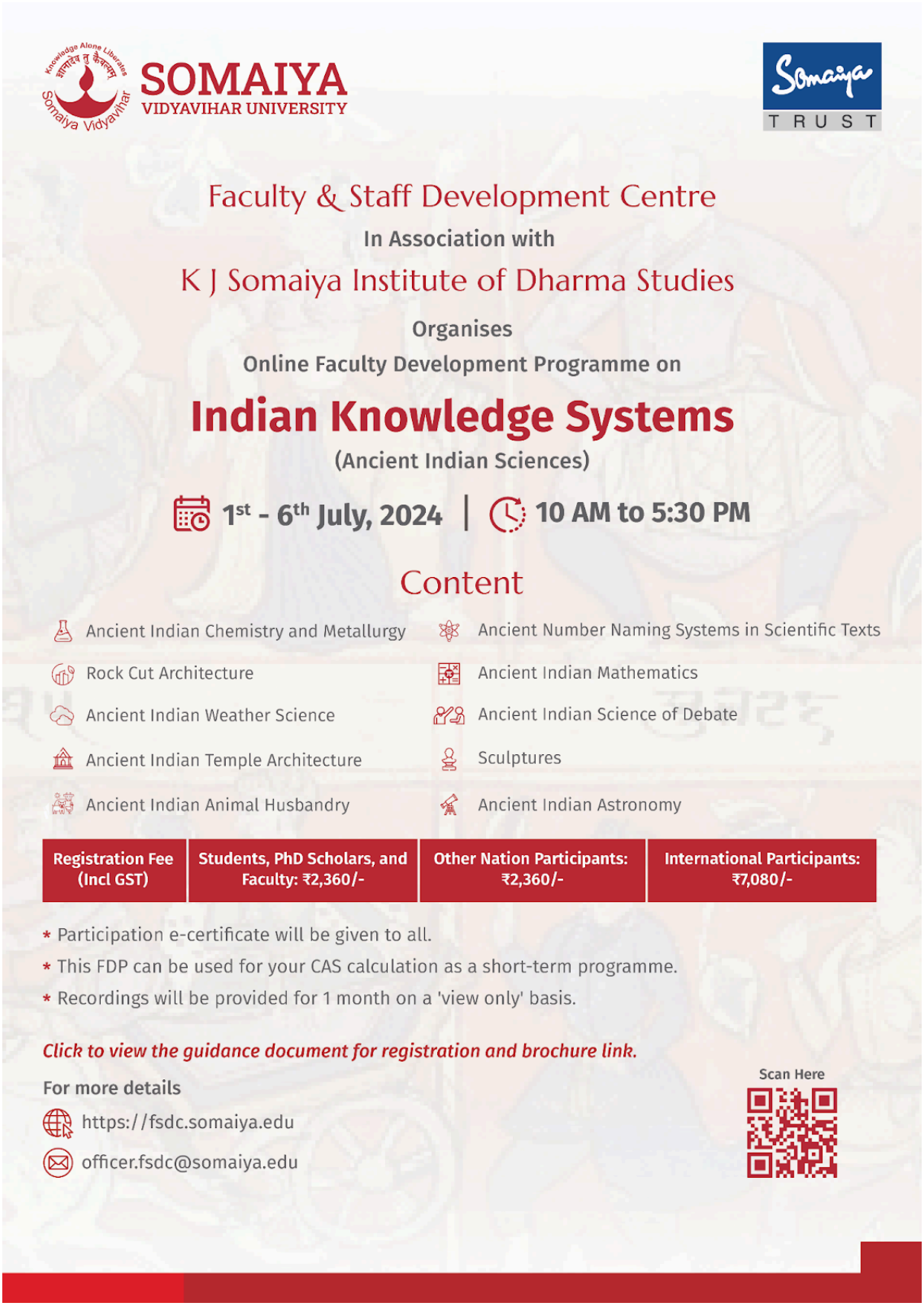


Learning Outcome Analysis:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Poster of the FPD:


SOMAIYA VIDYAVIHAR UNIVERSITY
Somaiya TRUST
Faculty & Staff Development Centre
In Association with
K J Somaiya Institute of Dharma Studies
Organises
Online Faculty Development Programme on
Indian Knowledge Systems
(Ancient Indian Sciences)
1st - 6th July, 2024 | 10 AM to 5:30 PM
Content
Ancient Indian Chemistry and Metallurgy
Rock Cut Architecture
Ancient Indian Weather Science
Ancient Indian Temple Architecture
Ancient Indian Animal Husbandry
Ancient Number Naming Systems in Scientific Texts
Ancient Indian Mathematics
Ancient Indian Science of Debate
Sculptures
Ancient Indian Astronomy
Registration Fee (Incl GST)
Students, PhD Scholars, and Faculty: ₹2,360/-
Other Nation Participants: ₹2,360/-
International Participants: ₹7,080/-
* Participation e-certificate will be given to all.
* This FDP can be used for your CAS calculation as a short-term programme.
* Recordings will be provided for 1 month on a 'view only' basis.
Click to view the guidance document for registration and brochure link.
For more details
https://fsdc.somaiya.edu
officer.fsdc@somaiya.edu
Scan Here

Faculty & Staff Development Centre
(AIU-SVU FSDC'S AADC)

Report on the FDP: Intellectual Property Rights (IPRs): Special Reference to Patents

Date: 05 July 2024

The Faculty & Staff Development Centre (FSDC) organised an online Faculty Development Programme (FDP) on 'Intellectual Property Rights (IPRs): Special Reference to Patents' on 5th July 2024. The event commenced at 10:00 AM with an inaugural address and campus prayer. Dr. Preeti Rawat, Director of FSDC, set the context for the FDP and spoke about the centre's objectives. The FDP featured multiple sessions, each offering valuable insights into various aspects of IPRs, with a particular focus on patents. The total duration of this FDP was 6.5 hours.

Session 1: "Overview on IPR"

The first session was conducted by Dr. Gopakumar Nair, CEO of Gnanlex Associates LLP. He provided a comprehensive overview of Intellectual Property Rights, emphasizing the importance of managing creations of the human mind in today's competitive world. Dr. Nair discussed the different types of IPRs and their significance in various fields such as science, technology, and the arts.

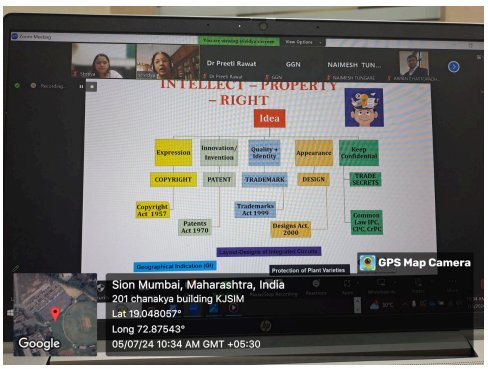


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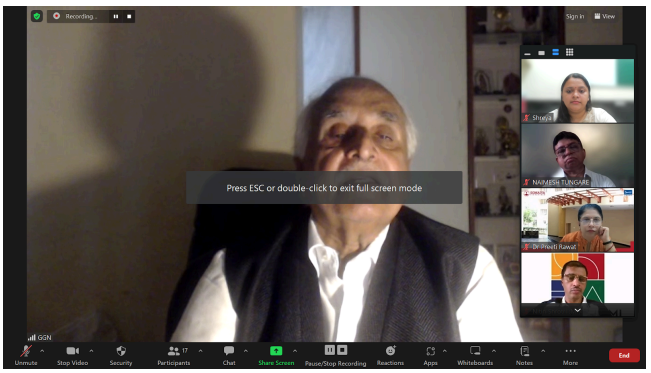


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Session 2: "Discussion on Other Types of IPR"

Following a brief tea break at 11:30 AM, Dr. Srividya Ravi, Head of Operations at Gnanlex Hermeneutics Pvt Ltd, led a session on other types of IPRs. Dr. Ravi elaborated on the basic types of IPRs, including trademarks, designs, and copyrights. She also discussed the fundamental eligibility criteria for each type and the relevant statutory provisions.

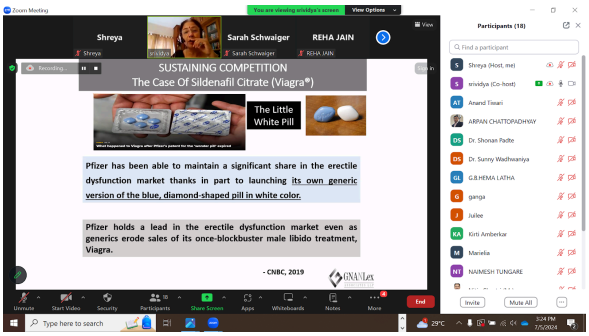


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Session 3: "Converting Research into Patent Part 1"

After a lunch break from 1:15 PM to 2:00 PM, the program resumed with Dr. Srividya Ravi facilitating a session on converting research into patents. In this part, she focused on the process of patenting, including when to file for a patent and how to convert an idea or research outcome into a patentable invention. The session provided practical insights into patent analytics and the patenting timeline.

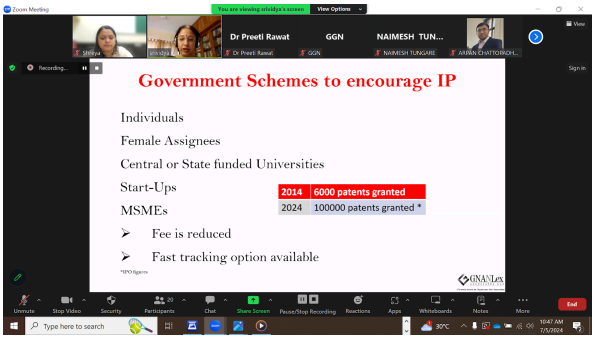


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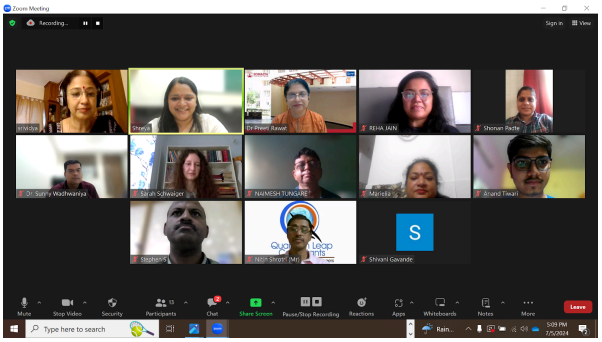


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Session 4: "Converting Research into Patent Part 2"

The final session of the day, also conducted by Dr. Srividya Ravi, continued the discussion on converting research into patents. She provided detailed case discussions and group activities to enhance understanding of patent conversion processes. Dr. Ravi also addressed non-patentable inventions and criteria for patentability, giving participants a well-rounded view of the patenting process.

Closing Ceremony

The FDP concluded with a Q&A session, feedback collection, and a vote of thanks delivered by Dr. Preeti Rawat, Director of FSDC, Somaiya Vidyavihar University. Dr. Rawat emphasized the importance of IPRs in academic and professional settings and encouraged continued learning and application of these concepts.

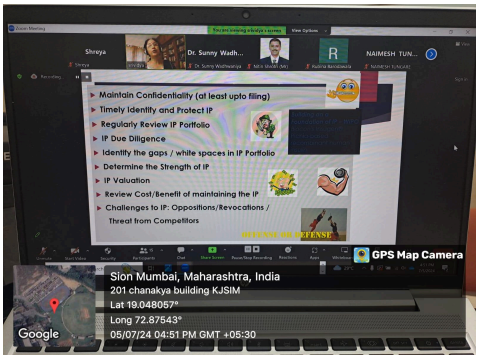


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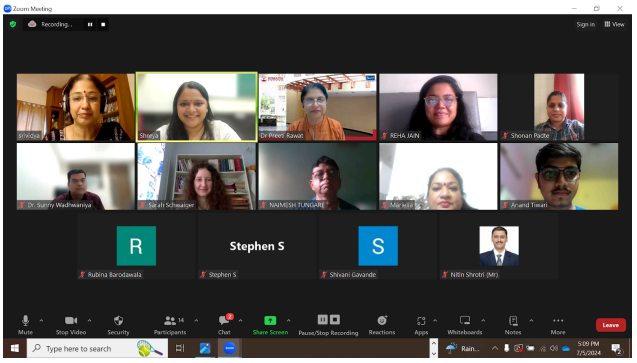
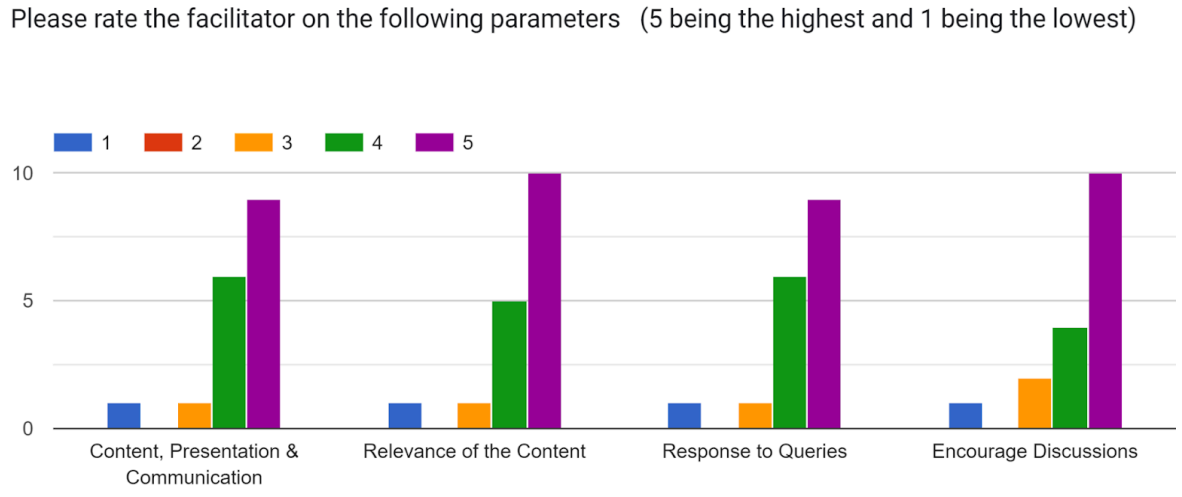


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Feedback Analysis:

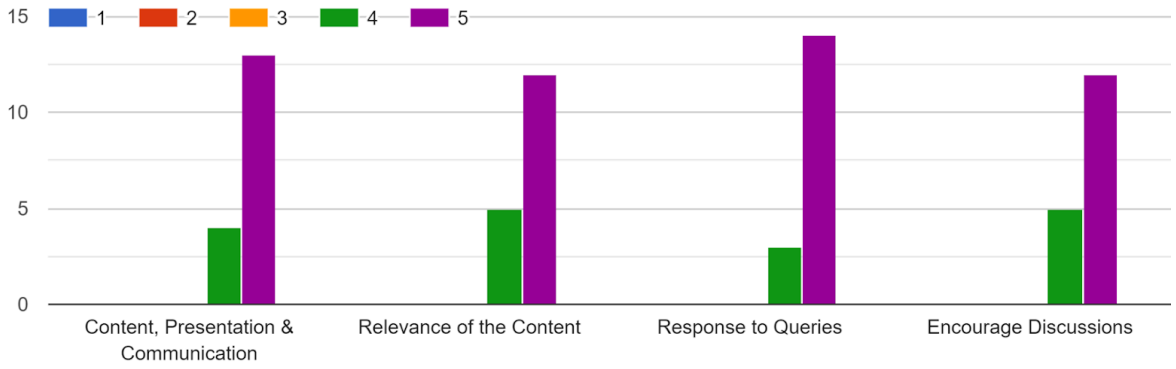
Number of participants	**19**
Number of feedback received	**17**
Facilitator feedback - Dr. Gopakumar Nair	**4.31**
Facilitator feedback - Dr. Srividya Ravi	**4.75**
Overall Feedback Analysis	**4.57**

Feedback on the Facilitator : Dr. Gopakumar Nair



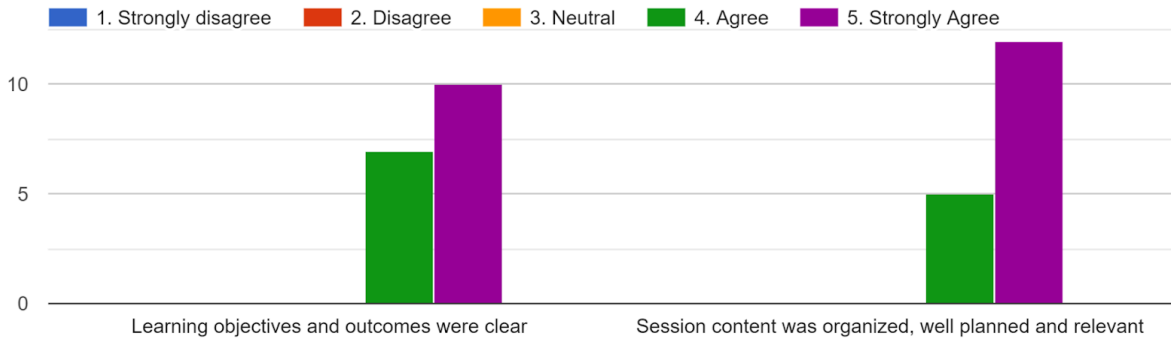
Feedback on the Facilitator : Dr. Srividya Ravi

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



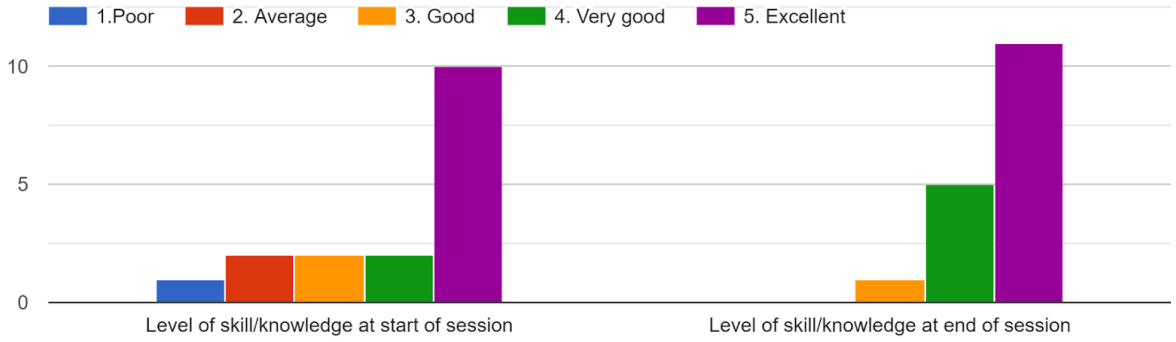
Session Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



SOMAIYA VIDYAVIHAR UNIVERSITY
Somaiya TRUST

Faculty & Staff Development Centre

Organises

Online FDP

on

Intellectual Property Rights (IPRs): Special Reference to Patents

05th July, 2024

Facilitators



Dr Gopakumar G Nair
CEO, Gnanlex Associates LLP
Scientific Advisor, Patent Office



Dr Srividya Ravi
Head of Operations
Gnanlex Hermeneutics Pvt Ltd, Pune

Content

- Process of patenting
- Patent Analytics
- Trademark, Design, and Copyrights
- When to file for a patent-converting an idea or research outcome
- Types of IPRs
- Patents
- Patentability criteria
- Non-patentable inventions

* Participation e-certificate will be given to all.
* Recordings will be provided for 1 month on a 'view only' basis.

Click to view the guidance document for registration and brochure link.

For more details
https://fsdc.somaiya.edu
officer.fsdc@somaiya.edu

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Faculty & Staff Development Centre
(AIU-SVU FSDC'S AADC)

Report on the FDP: Generative AI for Teaching Management Subjects

Date: 17 July 2024

The Faculty & Staff Development Centre (FSDC), organized a one day Faculty Development Program (FDP) on ***"Generative AI for Teaching Management Subjects"*** on 17 July, 2024. The FDP was facilitated by Dr. Amit Jain, Assistant Professor at S P Jain Institute of Management & Research, Mumbai. The session was inaugurated at 9:30 AM starting with the campus prayer, followed by the welcome speech by Dr. Raman Ramachandran, Director K J Somaiya Institute of Management (KJSIM) and address by Prof. Preeti Rawat, Director, FSDC, SVU to introduce the Centre. The total number of training hours for this FDP was 7 hours.

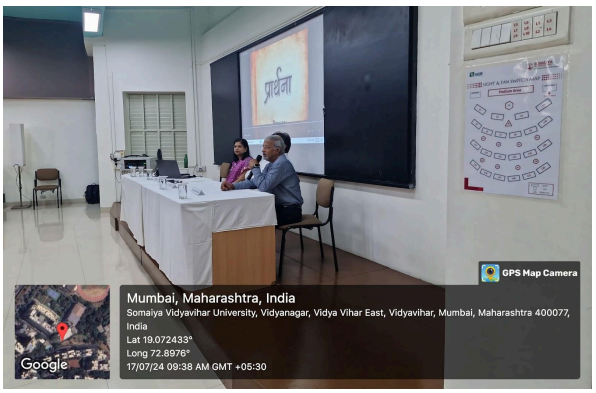


Image No: 113



Image No: 114

Session 1: Introduction to Generative AI Features

This session introduced participants to different Generative AI models such as ChatGPT, Gemini, and Meta AI. It also covered basic prompt engineering and testing different models. Participants explore how to create effective prompts and test different models to determine their suitability for specific teaching needs.

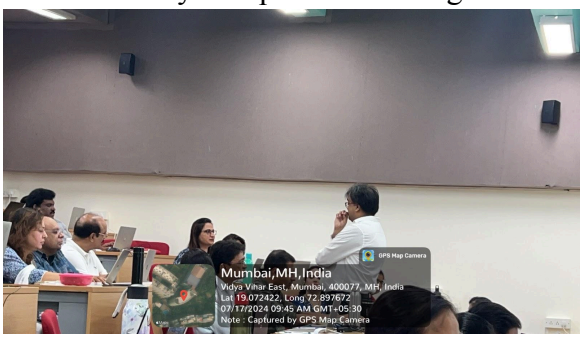


Image No: 115



Image No: 116

Session 2: Uses of Generative AI in Teaching

The second session explored how Generative AI can be used in course planning, session planning, and evaluation. It provided insights into the practical applications of this technology in teaching management courses. Participants learn how to integrate Generative

AI into their course planning to enhance student engagement and learning outcomes.





Image No: 117 Image No: 118

Session 3: Experiential Exercises, Text Simulation, and Data Analysis

Session 3 delved deeper into using Generative AI for experiential exercises, text simulation, and data analysis. It equipped participants with the knowledge to leverage these tools in their teaching practices. Participants practice using Generative AI for creating interactive and engaging experiential exercises, simulating real-world scenarios, and analyzing data to enhance student learning.

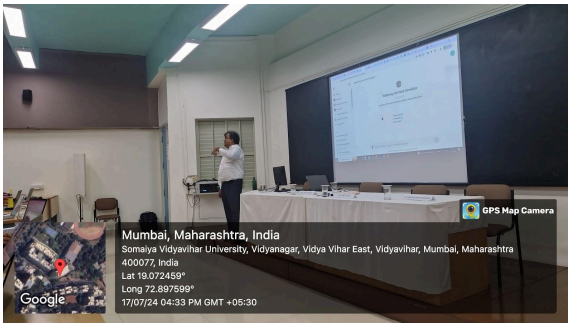




Image No: 119 Image No: 120

Session 4: Students and Generative AI, Research Assistance, and Ethical Concerns

The final session focused on popular Generative AI tools used by students, how these tools can assist in research, and the ethical concerns surrounding plagiarism. It aimed to provide a comprehensive understanding of the implications and best practices when using Generative AI in teaching and research. Participants discuss the ethical implications of using Generative AI in teaching and research, including the potential for plagiarism and the need for responsible use.



Image No: 121

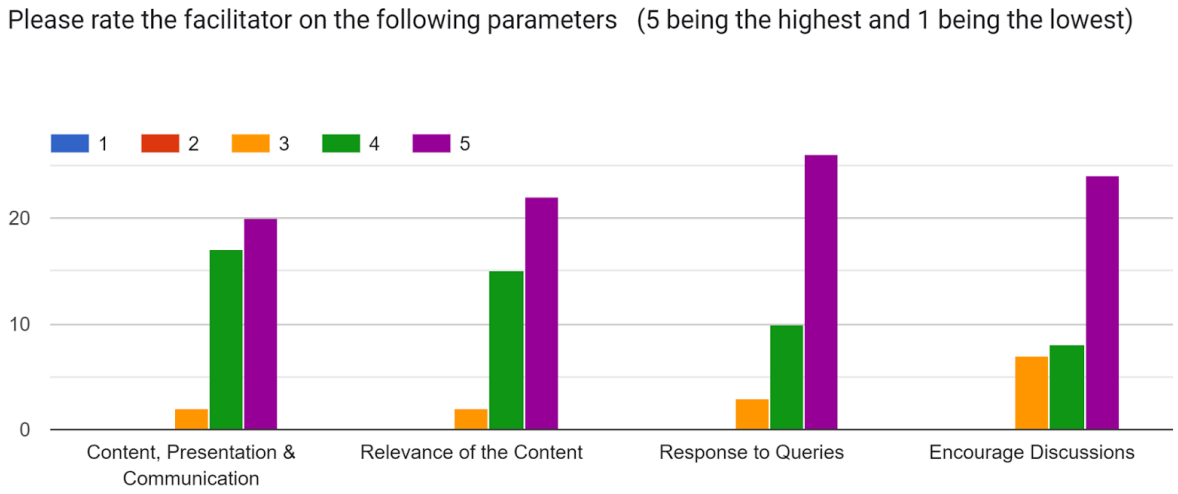


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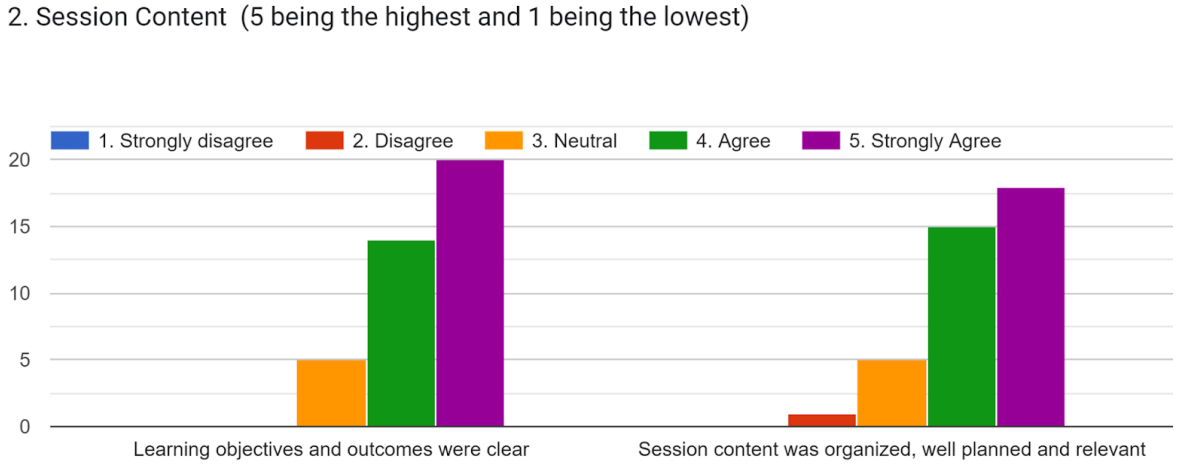
Feedback Analysis

Number of participants	**62**
Number of feedback received	**45**
Facilitator feedback - Dr. Amit Jain	**4.43**
Overall Feedback Analysis	**4.23**

Feedback on the Facilitator: Dr. Amit Jain

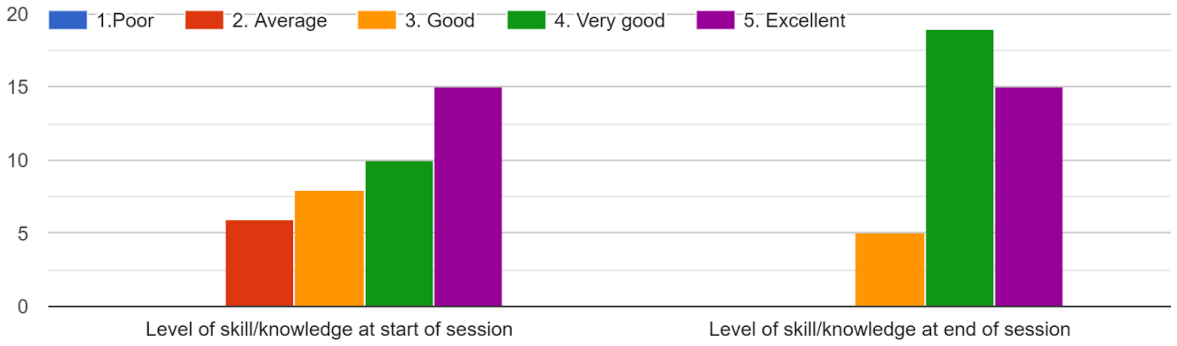


Session Content Feedback:



Learning Outcome Analysis:

3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Poster for the FDP:

SOMAIYA VIDYAVIHAR UNIVERSITY

Somaiya TRUST

SOMAIYA VIDYAVIHAR UNIVERSITY

Somaiya TRUST

Faculty Development Programme

on

Generative AI for Teaching Management Courses

17th July, 2024

Organised by

Faculty & Staff Development Centre
Somaiya Vidyavihar University



Somaiya Vidyavihar University
Somaiya Vidyavihar, Vidyavihar East,
Mumbai, Maharashtra 400077, India
W: https://www.somaiya.edu/en

Faculty & Staff Development Centre,
(AIU-SVU FSDC'S AADC)

Report on the STTP: Secure and Sustainable Blockchain Development: Innovation for Next Web 3

Date: 01 - 05 July 2024

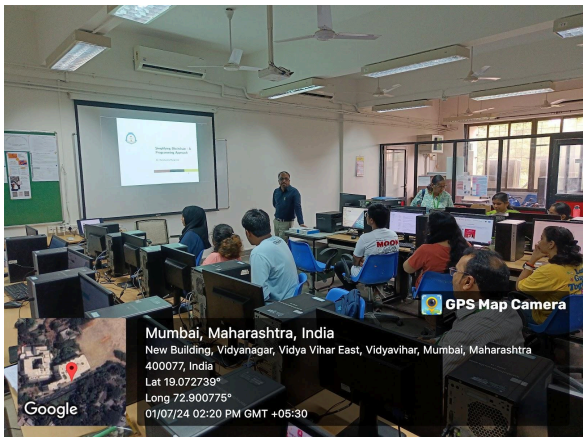
The Faculty & Staff Development Centre (FSDC), in collaboration with the Centre of Sustainable and Secure Blockchain Development (EUCLID) and the Department of Information Technology, K J Somaiya College of Engineering, organised a Short Term Training Programme (STTP) titled "Secure and Sustainable Blockchain Development: Innovation for Next Web 3" from 1st July 2024 to 5th July 2024. This STTP was supported by several partnering organisations, including the Institute of Electrical and Electronics Engineers - Bombay Section (IEEE), IEEE Geoscience and Remote Sensing Society (IGRSS), and the Indian Society for Technical Education (ISTE). The FDP was designed to bridge the gap between theoretical knowledge and practical applications of blockchain technology, with a special focus on security challenges and sustainable development practices. The total number of training hours for this STTP was 35 hours.

Date: 1st July 2024
Opening Ceremony:

The STTP commenced with an inaugural session featuring an opening address by Dr. Suresh Ukarande, Principal, K J Somaiya College of Engineering. This was followed by a keynote session from Mr. Vivek Tikoo, CEO RubiX, CoFounder & CEO ChainX, Mumbai, who set the tone for the programme by discussing the transformative potential of blockchain technology in Web 3.0.

Session 1: "Blockchain Architecture and Components"
Dr. Kalyani P. Assistant Professor, Dept. of Computer Engineering, SIES Graduate School of Technology, Navi Mumbai, an expert in blockchain systems, introduced participants to the fundamental architecture and components of blockchain technology, laying the foundation for the sessions to follow.

Session 2: "Consensus Algorithms in Blockchain"
Dr. Ramchandra Mangrulkar, Associate Professor at SVKM's Dwarkadas J. Sanghvi College of Engineering, provided an in-depth exploration of consensus algorithms, which are crucial for ensuring the security and reliability of blockchain networks.



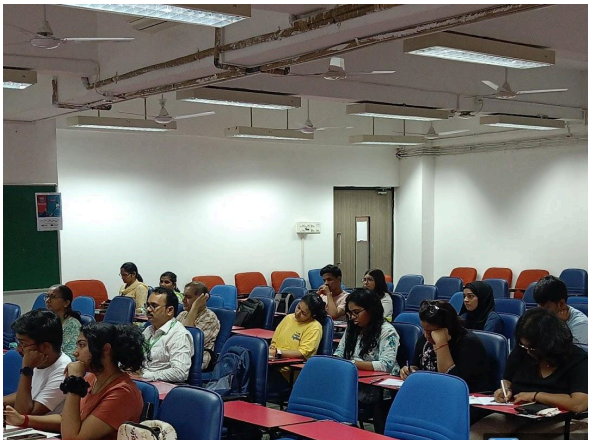


Image No: 123 Image No: 124

Date: 2nd July 2024

Session 1: "Smart Contracts and Their Importance in Blockchain"

Mr. Vivian Lobo, Assistant Professor, St. John College of Engineering and Management, Mumbai, a seasoned professional in blockchain development, discussed the significance of smart contracts in blockchain ecosystems, highlighting their role in automating and securing transactions.

Session 2: "Solidity Programming Language"

Continuing from the previous session, Mr. Lobo introduced participants to Solidity, the programming language used for developing smart contracts on the Ethereum blockchain.

Session 3: "Writing and Deploying a Smart Contract on the Ethereum Blockchain"

In a hands-on session led by Mr. Lobo, participants were guided through the process of writing and deploying their own smart contracts, gaining practical experience in blockchain development.

Session 4: "Vulnerabilities in Smart Contracts"

Mr. Lobo concluded the day with a session on identifying and mitigating vulnerabilities in smart contracts, emphasising the importance of security in blockchain development.

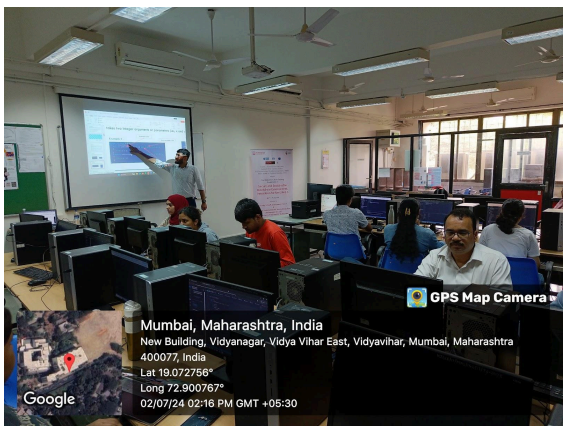




Image No: 125 Image No: 126

Date: 3rd July 2024
Session 1: "Blockchain in the Era of Web 5.0"
Dr. Deepak Sharma, Professor & Vice Principal at K J Somaiya College of Engineering, and Dr. Jignisha D., Training Manager - Wipro, led a session on the future of blockchain technology, exploring its potential applications and challenges in the upcoming Web 5.0 landscape.

Session 2: "Introduction to Decentralized Finance (DeFi)"
Dr. Mahesh Shirole, Associate Professor at VJTI, Mumbai, provided an overview of decentralised finance (DeFi), discussing its impact on traditional financial systems and the security concerns associated with DeFi applications.

Sessions 3 & 4: "Hands-on Sessions: Lab Systems"
Participants engaged in hands-on lab sessions where they applied the knowledge gained in previous sessions to develop and test blockchain solutions, gaining practical insights into the technology.

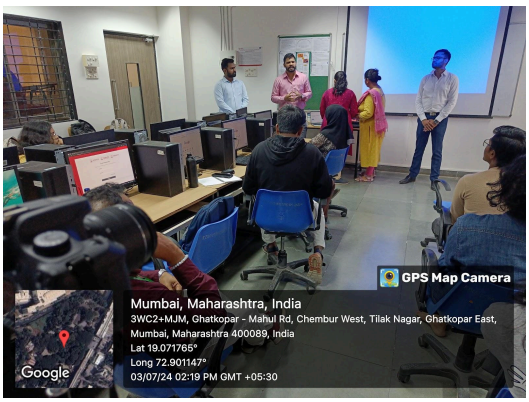




Image No: 127 Image No: 128

Date: 4th July 2024
Session 1: "Introduction to Non-Fungible Tokens (NFTs)"
Mr. Pranav Shastri, a professional in blockchain, ML/AI, and data science with extensive global experience, introduced participants to the world of NFTs, explaining their creation, marketplace dynamics, and significance in the digital economy.

Session 2: "NFT Marketplaces and Buying/Selling Process"
In this session, Mr. Shastri a professional in Blockchain, ML/AI, and Data Science with extensive global experience. walked participants through the process of buying and selling NFTs on various marketplaces, highlighting the technical and financial aspects of these transactions.

Session 3: "NFT Scams and Security Measures"
Addressing the darker side of the NFT market, Mr Shastri, a Professional in Blockchain, ML/AI, and Data Science with extensive global experience., discussed common scams and the security measures that can protect users and their assets.

Session 4: "Creating an NFT"
The day concluded with a practical session where participants created their own NFTs, putting into practice the concepts learned throughout the day.

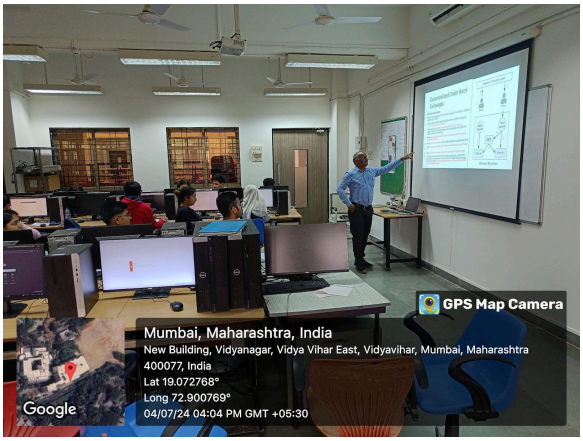


Image No: 129



Image No: 130

Date: 5th July 2024
Session 1: "Blockchain and Renewable Energy Integration"
Dr. Irfan N. A. Siddavatam, a Researcher in Cybersecurity and Blockchain, with a PhD from Veermata Jijabai Technological Institute, Mumbai, explored the integration of blockchain technology with renewable energy systems, discussing its potential to enhance energy management and sustainability.

Session 2: "Sustainable Blockchain Development Practices"
Dr. Siddavatam, Researcher in Cybersecurity and Blockchain with a PhD from Veermata Jijabai Technological Institute, Mumbai, continued with a session on sustainable practices in blockchain development, emphasising the need for energy efficiency and resource management in blockchain networks.

Session 3: "Quiz"
To assess and reinforce the knowledge gained, participants took part in a quiz that covered key topics from the STTP.

Valedictory Session:
The FDP concluded with a valedictory session where participants shared their experiences and reflections. Dr. Nilkamal P More, Head of the Department of Information Technology, delivered the closing remarks and expressed gratitude to all facilitators and participants. The STTP successfully equipped participants with the necessary skills and knowledge to navigate the rapidly evolving field of blockchain technology, with a focus on secure and sustainable development practices.



Image No: 131



Image No: 132

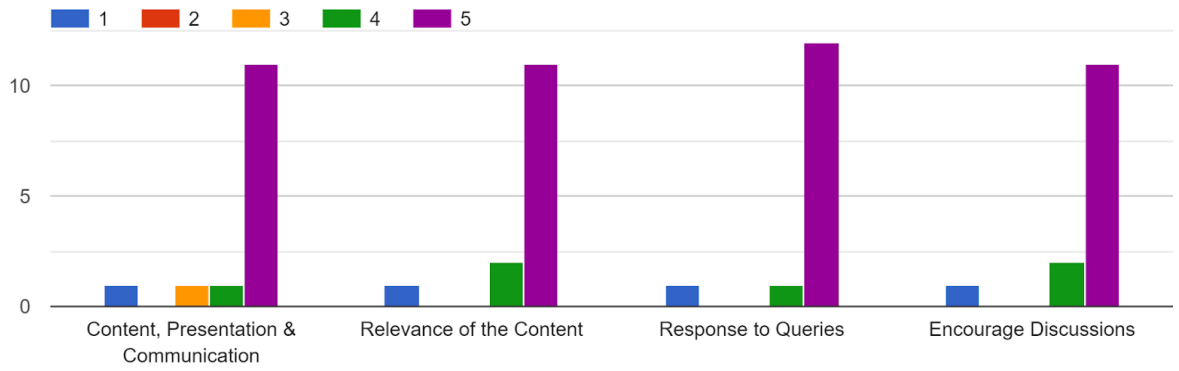
Feedback Analysis:

Number of Participants	**14**
Feedbacks Received	**14**
Facilitator Feedback - Mr. Vivek Tikoo	**4.54**
Facilitator Feedback - Dr. Kalyani P	**4.58**
Facilitator Feedback - Dr. Ramchandra M	**4.62**
Facilitator Feedback - Mr. Vivian Lobo	**4.92**
Facilitator Feedback - Dr.Jignisha D.	**4.98**
Facilitator Feedback - Dr. Mahesh Shirole	**4.90**
Facilitator Feedback - Mr. Darsh Jain	**4.98**
Facilitator Feedback - Mr. Swapnil Patil	**4.88**
Facilitator Feedback - Mr. Vinay Vishwanath	**4.88**
Facilitator Feedback - Mr. Pranav Shastri	**5.00**
Facilitator Feedback - Dr. Irfan N. A. Siddavatam	**4.93**
Overall Feedback Analysis	**4.87**

Day 1:

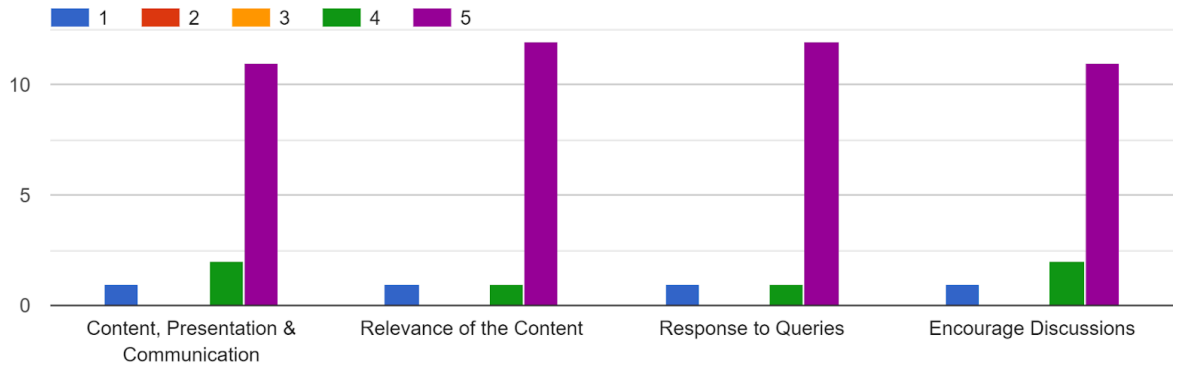
Facilitator Feedback: Mr. Vivek Tikoo

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



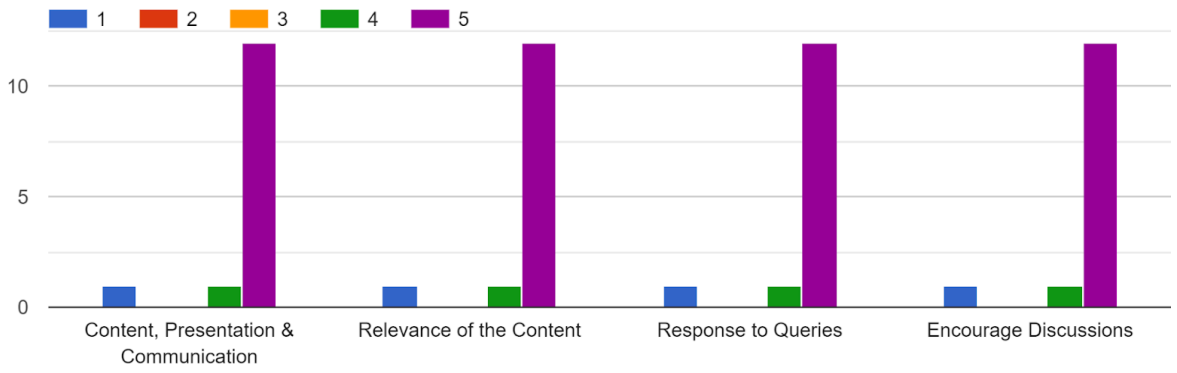
Facilitator Feedback: Dr. Kalyani P

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



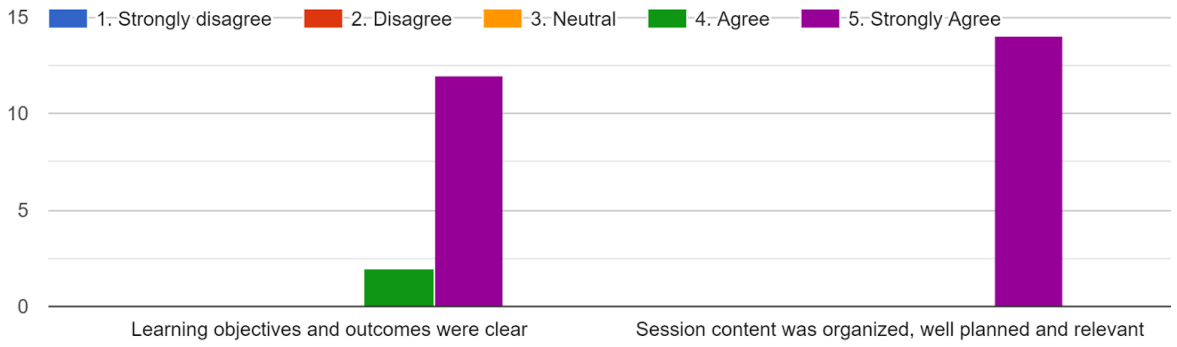
Facilitator Feedback: Dr. Ramchandra M

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



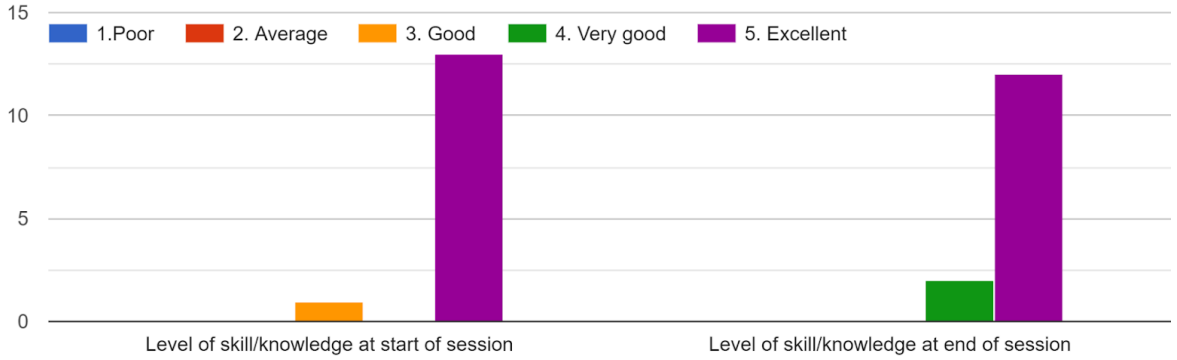
Session Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

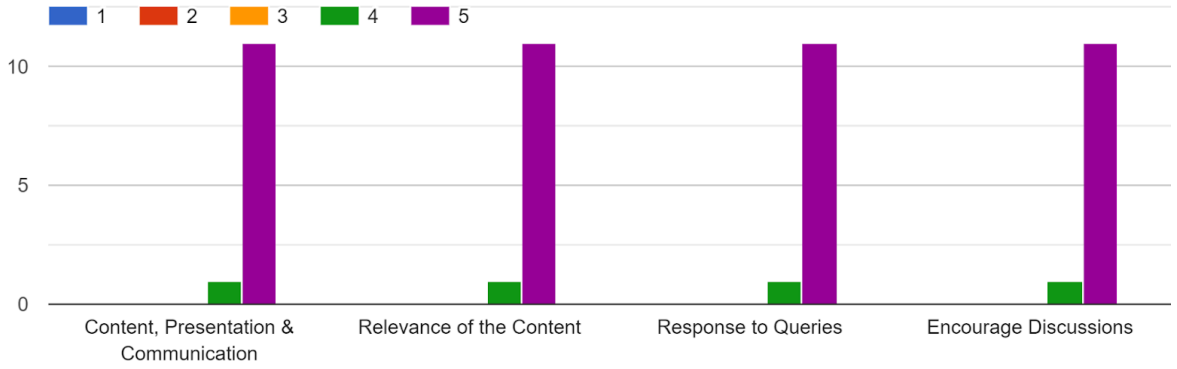
Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Day 2:

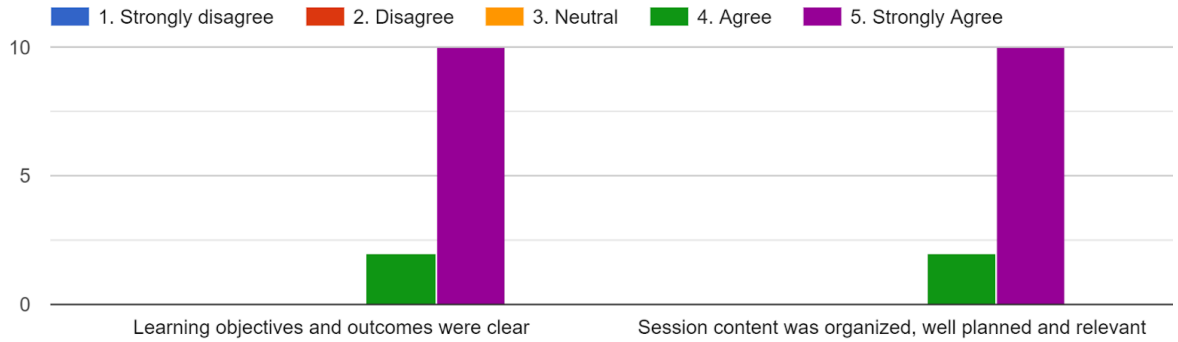
Facilitator Feedback: Mr Vivian Lobo

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



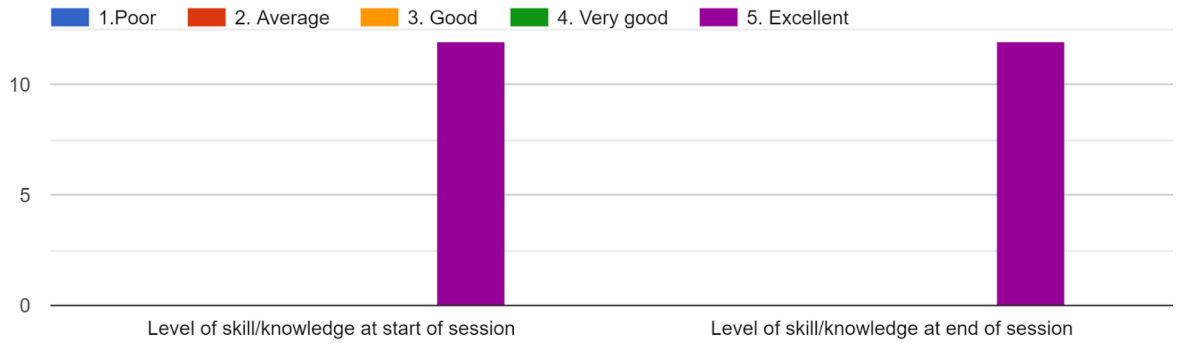
Session Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



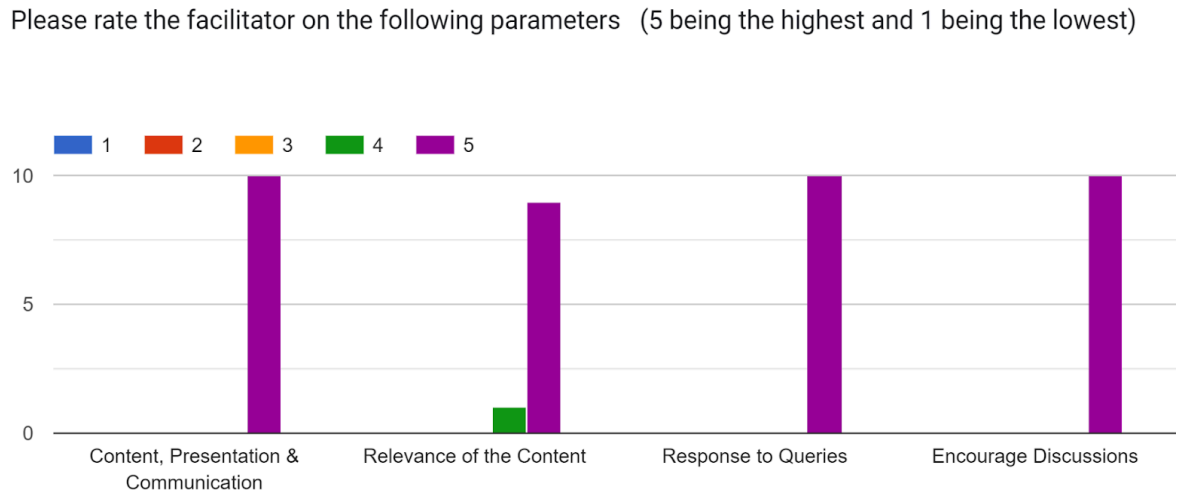
Learning Outcome Analysis:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)

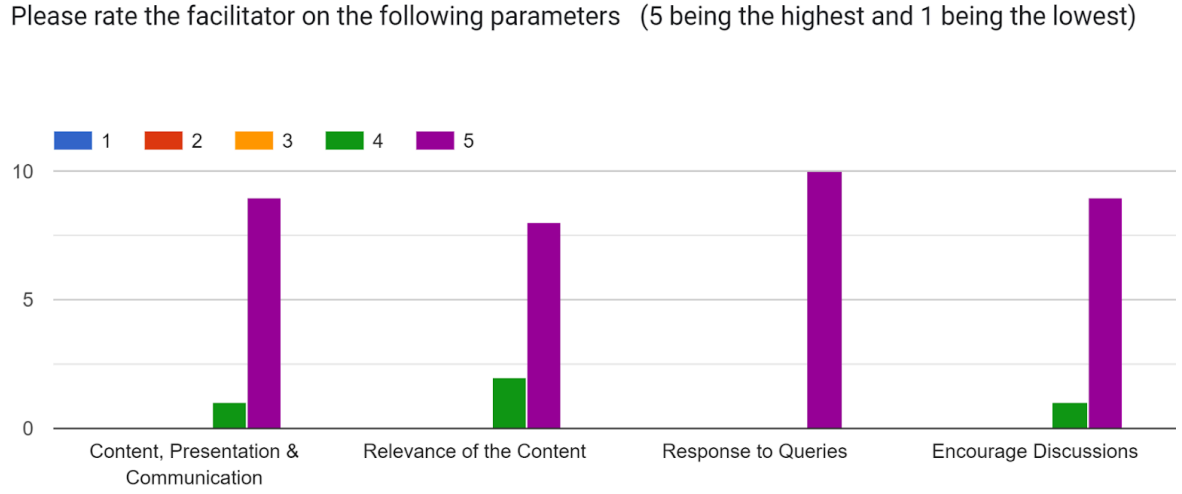


Day 3:

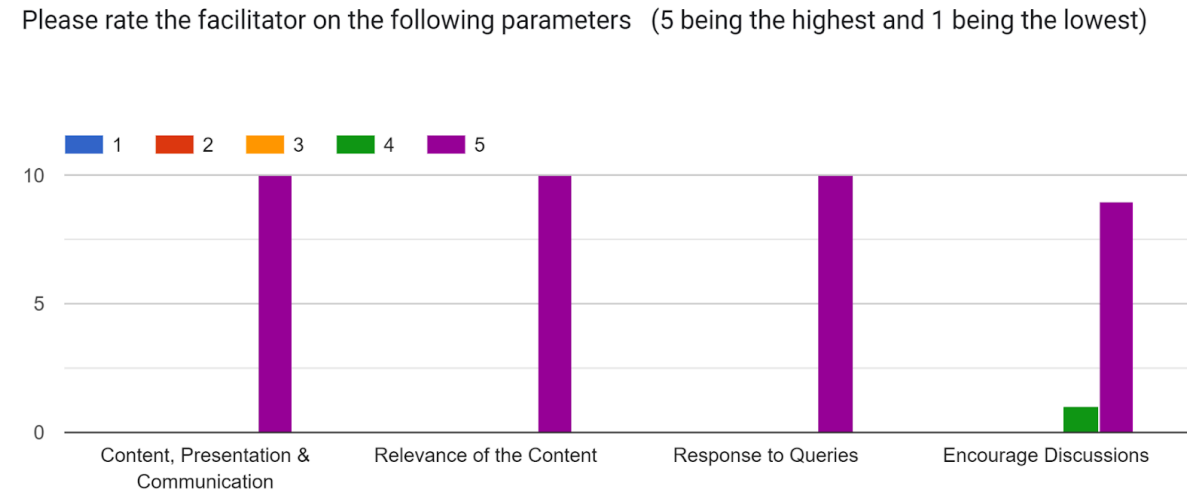
Facilitators Feedback: Dr.Jignisha D



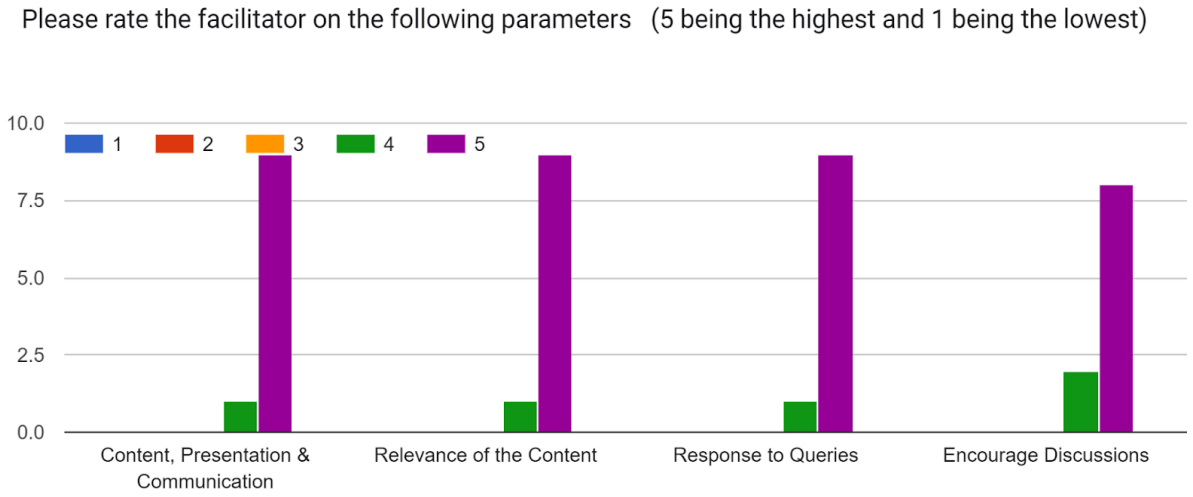
Facilitators Feedback: Dr. Mahesh Shirole.



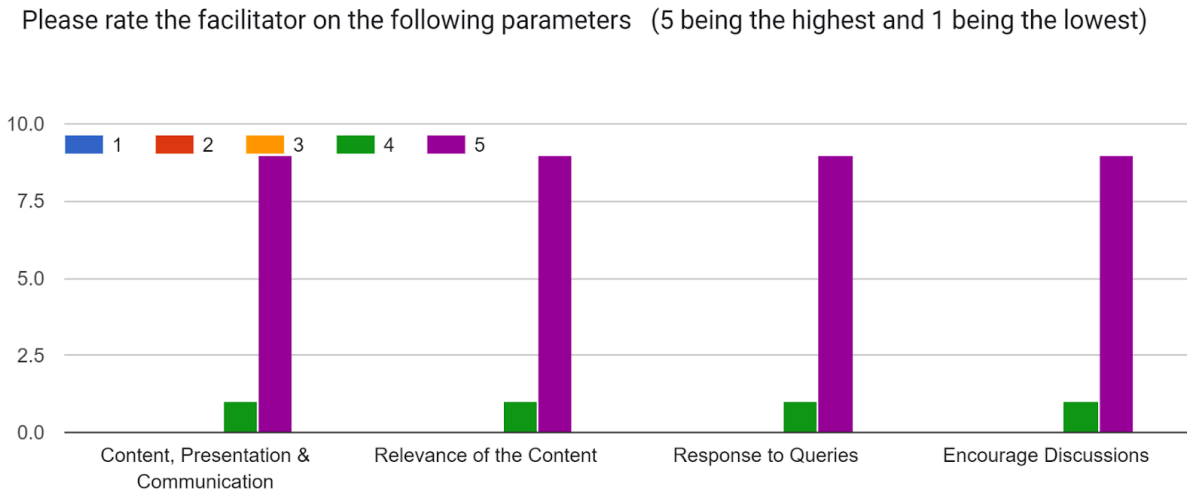
Facilitators Feedback: Mr. Darsh Jain



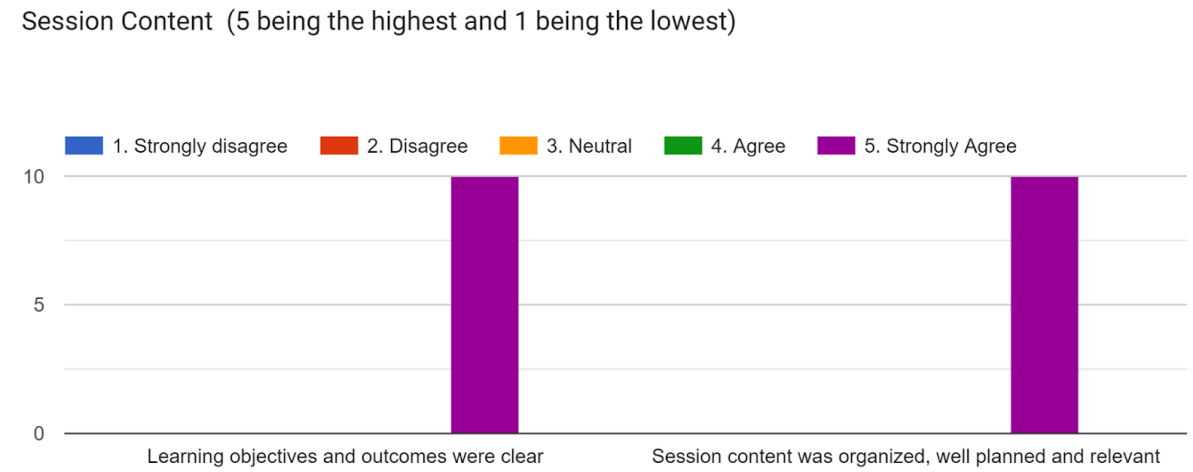
Facilitators Feedback: Mr Swapnil Patil



Facilitator Feedback: Mr. Vinay Vishwanath

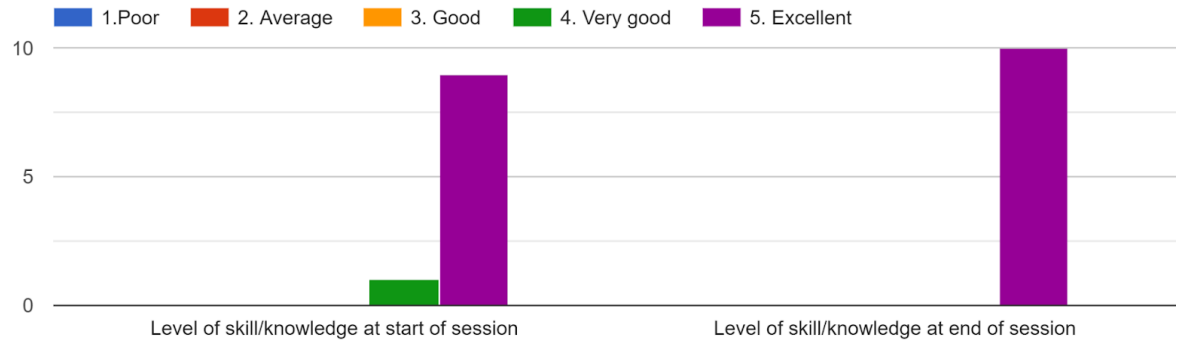


Session Content Feedback:



Learning Outcome Analysis:

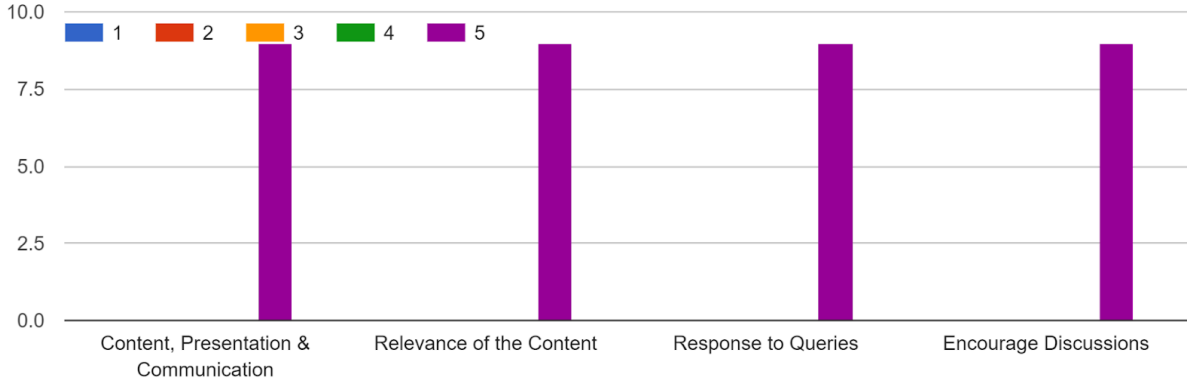
Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



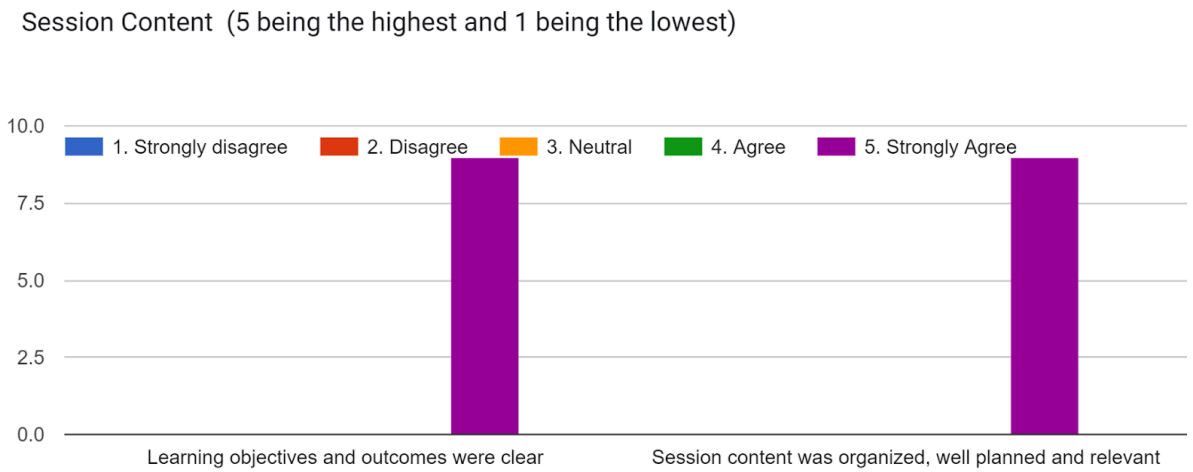
Day 4:

Facilitator Feedback: Mr. Pranav Shastri

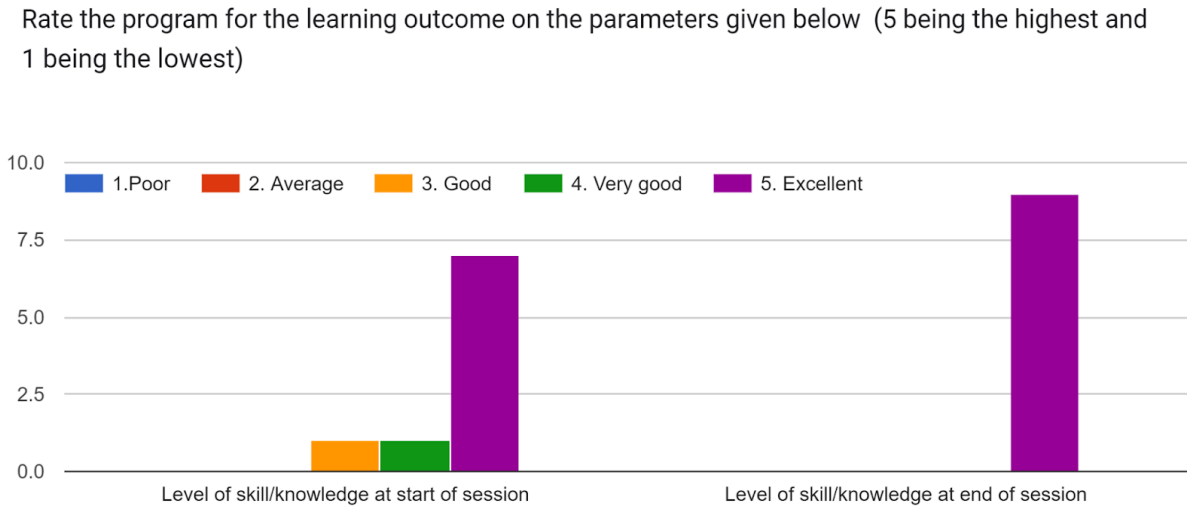
Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



Session Content Feedback:



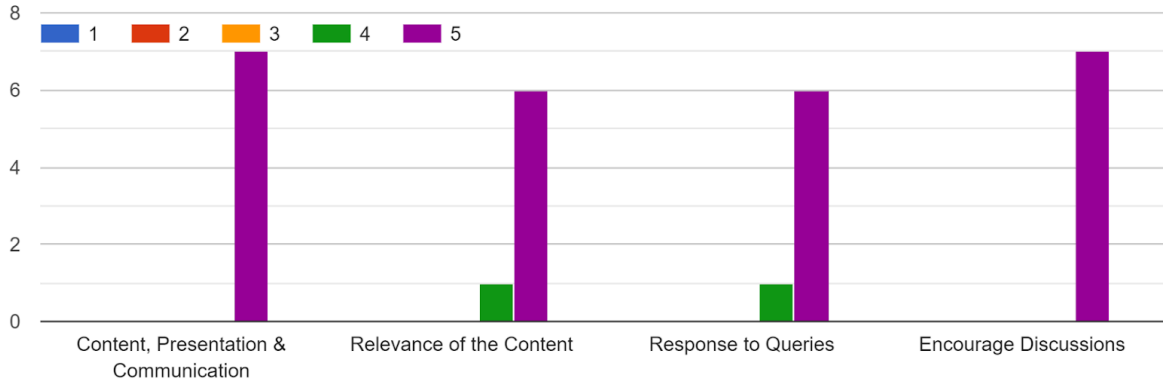
Learning Outcome Analysis:



Day 5:

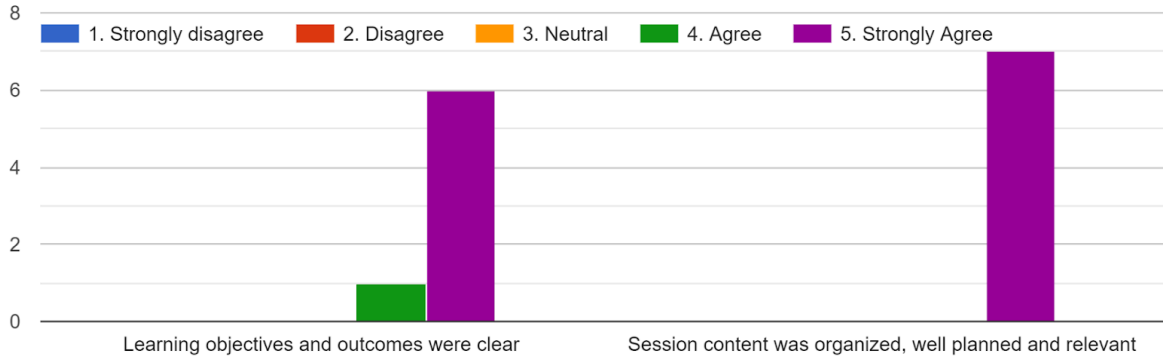
Facilitator Feedback: Dr. Irfan N. A. Siddavatam

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



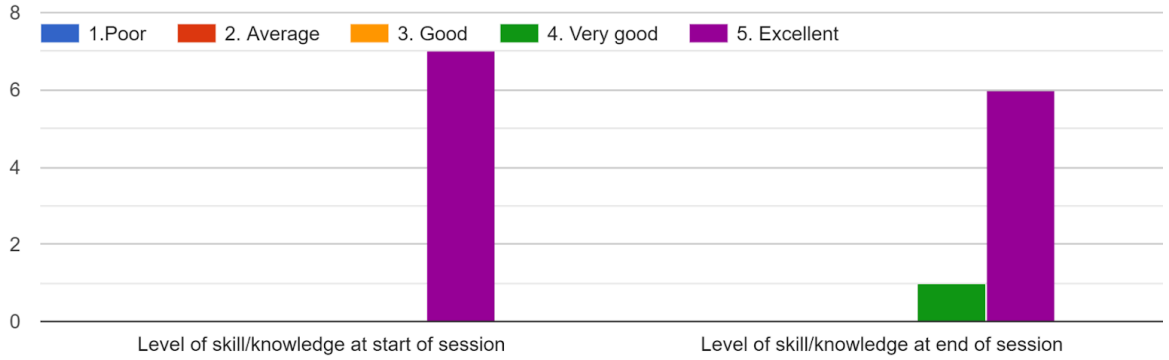
Session Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Poster of the FPD:



K J Somaiya Institute of Management (KJSIM)

In Collaboration With

Faculty & Staff Development Centre
(AIU-SVU FSDC'S AADC)

Report on the FDP: Teaching Excellence for Management Faculty - Part 2

Date: 3rd August 2024

K J Somaiya Institute of Management (KJSIM) in collaboration with the Faculty & Staff Development Centre (FSDC) at Somaiya Vidyavihar University, organized a Faculty Development Program (FDP) titled *Teaching Excellence for Management Faculty* on August 3rd, 2024. This program was a sequel to the FDP on Teaching Excellence for Management Faculty conducted in July 2024. This session specifically targeted faculty members who were unable to attend the previous FDP on Teaching Excellence for Management Faculty, offering practical strategies to enhance teaching effectiveness.

Date: 3rd August 2024

Opening Ceremony:

The FDP commenced with a brief introduction of the participants and facilitators, setting the stage for a day of immersive learning. The session was inaugurated by Prof. Preeti Rawat, Director of FSDC, who emphasized the importance of continuous professional development for educators in the rapidly evolving field of management.

Session 1: Setting Context

The first session, taken by Prof. Shiji Lyndon, Associate Professor at KISIM, and Prof. Suvechcha Sengupta, Assistant Professor at KJSIM, focused on establishing a strong foundation for effective teaching. Facilitators focused on the importance of self introduction, further focusing on the nuances of voice modulation, including amplitude, pace, and emphasis, which are crucial for creating a lasting impression post faculty instruction. The session also threw light on the immediate short-term impact and long-term teaching effectiveness of a session, encouraging faculty to reflect on their teaching strategies.





Image No: 133 Image No: 134

Session 2: Designing and Upgrading a Course

This session by Prof. Shiji Lyndon, Associate Professor at KJSIM, and Prof. Suvechcha Sengupta, from KJSIM, delved into the intricacies of course design, guiding participants on how to create a well-structured course outline. Faculty members engaged in a hands-on exercise where they critiqued a real course outline, allowing them to apply theoretical knowledge to practical scenarios. The facilitators emphasized the importance of clarity and coherence in course design, which are essential for achieving learning outcomes.





Image No: 135 Image No: 136

Session 3: Tools of Engagement - Role Plays

The third session by Prof. Preeti Rawat, Director, FSDC and Prof. Anindita Roy, Adjunct Faculty at KJSIM introduced role plays as a powerful tool for student engagement. Participants learned how to design and execute role plays effectively, integrating them with key management concepts. The session included an activity where participants developed role plays, followed by a debrief and feedback session, reinforcing the learning objectives.

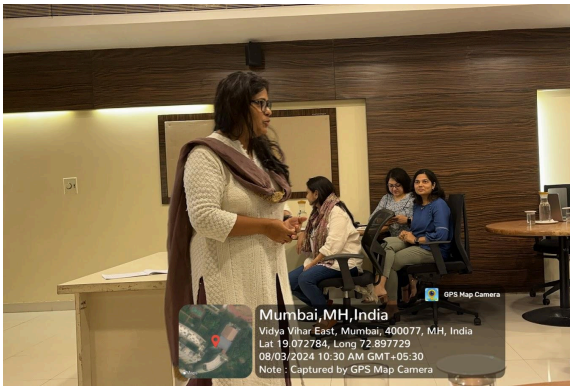




Image No: 137 Image No: 138

Session 4: Tools of Engagement - Storytelling

In this session,led by Prof. Vidhya Thakkar, Assistant Professor at KJSIM, and Prof. Brajesh Bolia, Associate Professor at KJSIM, participants explored the art of storytelling as a method to engage students and enhance the learning experience. The facilitators demonstrated how storytelling can be integrated into different disciplines, making complex concepts more relatable and memorable. The session concluded with an activity where participants created and presented their own stories, receiving constructive feedback from peers and facilitators.





Image No: 139 Image No: 140

Session 5: Developing a Course Outline Using Workshop Learnings

The final session was led by Prof. Brajesh Bolia, Associate Professor at KJSIM, Prof. Shiji Lyndon, Associate Professor at KJSIM, and Prof. Suvechcha Sengupta, from KJSIM, in the practical workshop where participants applied the learnings from the day to develop a course outline. Working in small groups or individually, faculty members crafted clear objectives, designed engaging mechanisms to achieve these objectives, and selected appropriate delivery methods. The facilitators provided personalized feedback, helping participants refine their course outlines and teaching approaches.



Image No: 141



Image No: 142

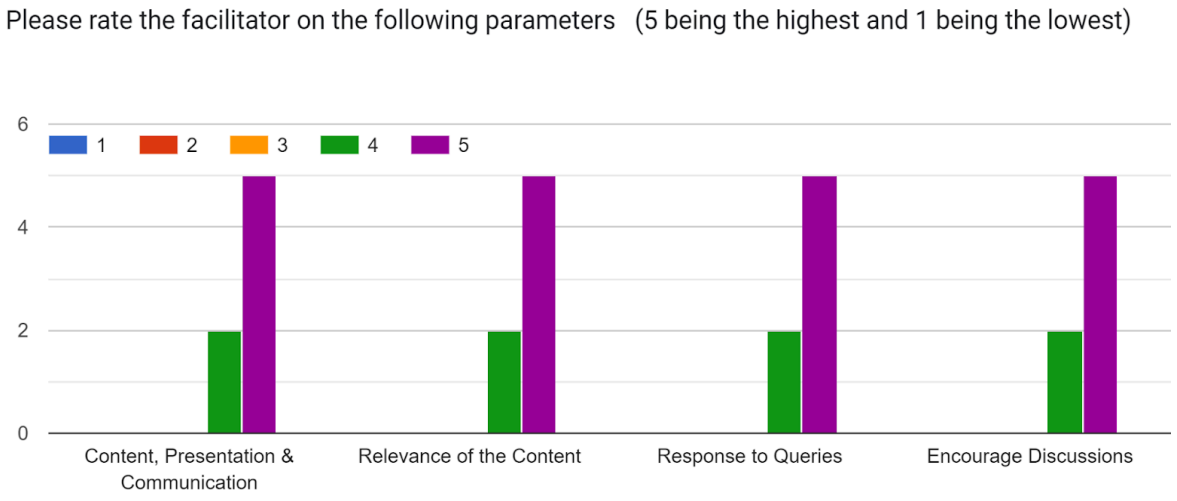
Valedictory Session:

The FDP concluded with a valedictory session, where participants shared their reflections on the day's learning and expressed their appreciation for the practical insights gained. In her closing remarks, Prof. Preeti Rawat, Director, FSDC emphasised the significance of such developmental FDP in fostering a culture of excellence in teaching. The day ended with a vote of thanks, marking the successful completion of the second part of the FDP on Teaching Excellence for Management Faculty.

Feedback Analysis:

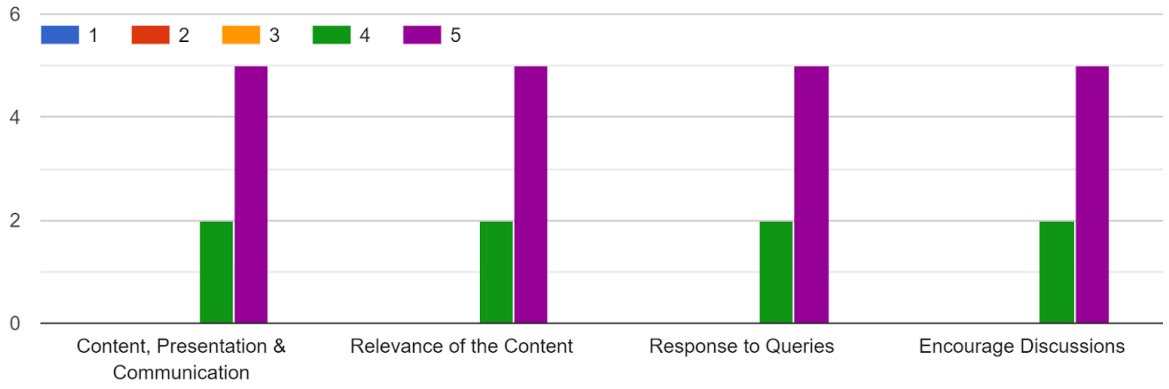
Number of participants	**14**
Number of feedback received	**7**
Facilitator feedback - Dr. Shiji Lyndon	**4.71**
Facilitator Feedback- Dr. Suvechcha Sengupta	**4.71**
Facilitator Feedback- Dr. Preeti Rawat	**4.57**
Facilitator Feedback - Prof. Anindita Roy	**4.50**
Facilitator Feedback - Dr. Vidhya Thakkar	**4.44**
Facilitator Feedback - Dr Brajesh Bolia	**4.39**
Overall Analysis	**4.55**

Facilitator Feedback: Dr. Shiji Lyndon



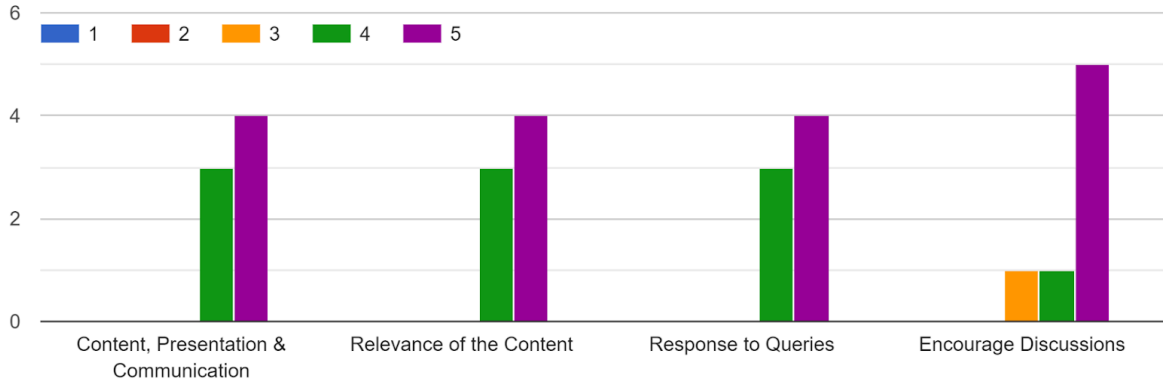
Facilitator Feedback: Dr. Suvechcha Sengupta

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



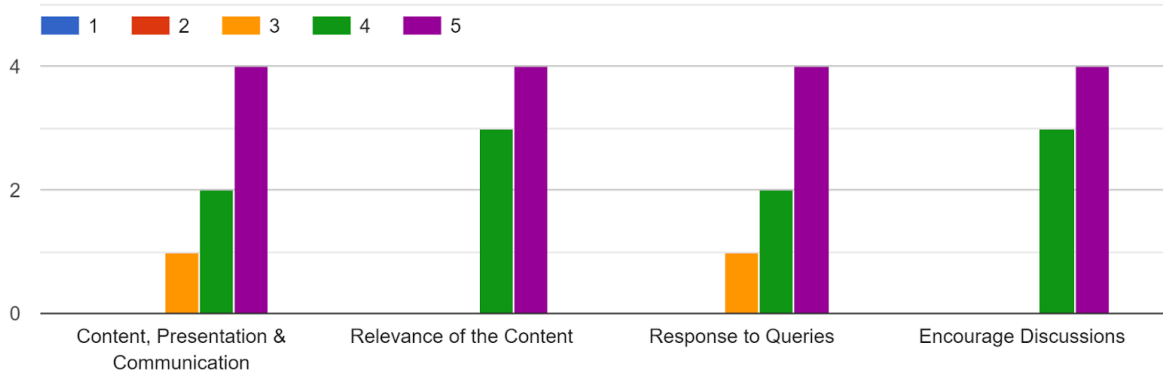
Facilitator Feedback: Dr Preeti Rawat

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



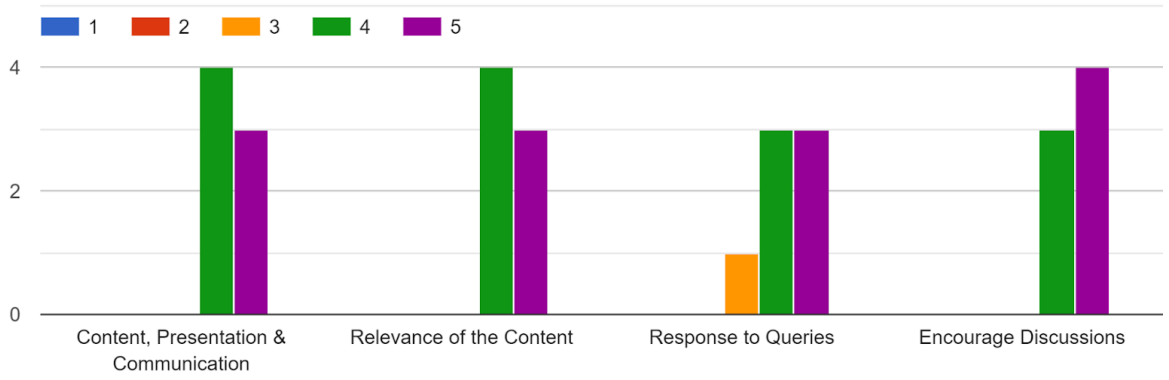
Facilitator Feedback: Prof. Anindita Roy

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



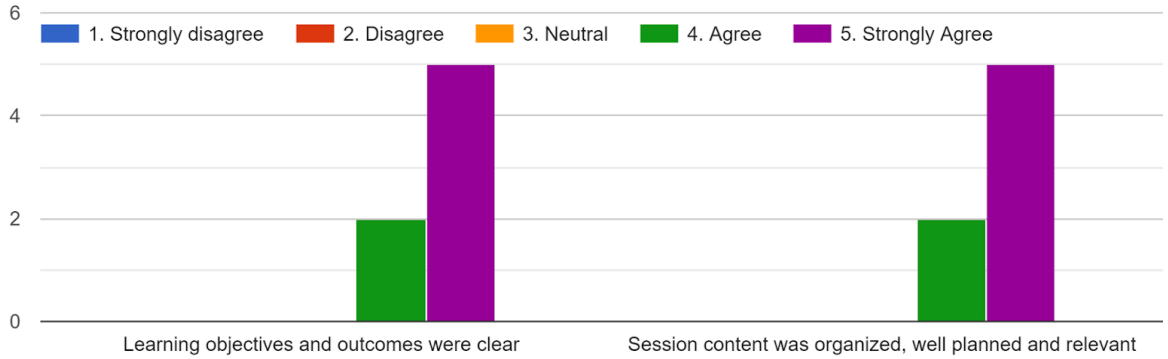
Facilitator Feedback: Dr. Vidhya Thakkar

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



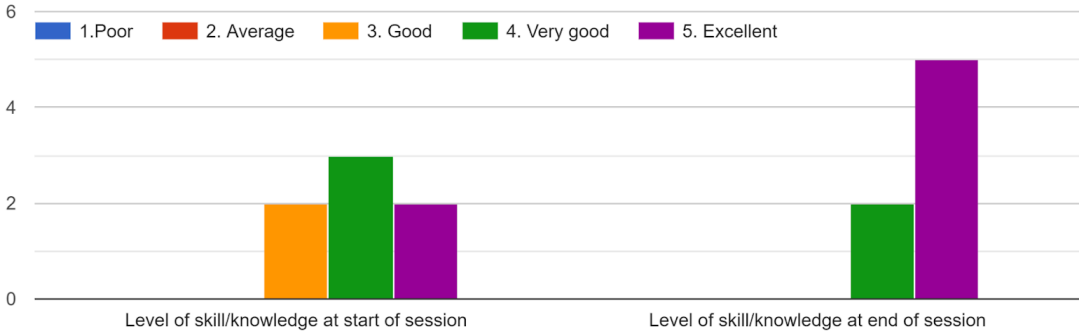
Session Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)





Faculty & Staff Development Centre

(AIU-SVU FSDC'S AADC)

In Association With

Centre for Diversity Management and Inclusion (CDMI),

K J Somaiya Institute of Management

In Collaboration with

Xavier's Resource Centre for the Visually Challenged (XRCVC), St. Xavier's College, Mumbai

Report on Antarchakshu 2.0 FDP: Biases Impacting Perception of Disability

Date: 28th August 2024

The Faculty & Staff Development Centre (FSDC) and the Centre for Diversity Management and Inclusion (CDMI), K J Somaiya Institute of Management, Mumbai, in collaboration with Xavier's Resource Centre for the Visually Challenged (XRCVC), St Xavier's College, Mumbai, organised a sensitisation FDP on 'Antarchakshu 2.0: Biases Impacting Perception of Disability', on 28th August 2024. This FDP aimed to explore participants' perceptions of disability, encouraging reflection on inclusion, accessibility, and equal opportunity employment. The event was powered by Team Humanist, the HR committee of the institute.

Date: 28 August 2024
Opening Ceremony

The workshop commenced with a warm introduction of the participants and facilitators, setting the tone for an immersive learning experience. Dr Shji Lyndon, Director of CDMI, shared insights into the history of CDMI and its commitment to promoting diversity and inclusion, along with Dr Preeti Rawat, Director of FSDC, gave insights in FSDC center. Together they highlighted the growing relevance of 'Diversity, Equity, and Inclusion' across educational institutions and organisations.

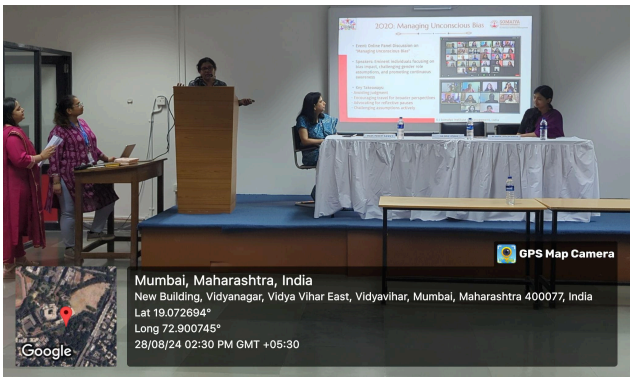




Image No: 143 Image No: 144

Context Setting

This session, led by Ms. Disha Kapadia Chinchwadkar, Lead Consultant Awareness (Advocacy) at XRCVC opened with a discussion on the importance of sensitisation workshops and their ability to shape inclusive policies. Ms. Kapadia shared the inspiring journey of XRCVC and its national impact in advocating for disability rights, such as their role in amending the Copyright Act (2012) for the benefit of persons with print disabilities.

The session featured a series of interactive activities, placing attendees in hypothetical scenarios to help them experience the challenges faced by people with disabilities. These exercises evoked a range of emotions, from anxiety to empathy, and helped the participants better understand the unique resilience and adaptability of individuals with disabilities.





Image No: 145 Image No: 146

Tips and Myths on Disability

Ms. Kapadia and Mr. Ketan Kothari, Managing Consultant at XRCVC, debunked common myths surrounding disabilities, emphasizing that disabilities do not define an individual's character. For instance, they clarified the misconception that people with visual impairments cannot live independently, providing examples of individuals who navigate their daily routines with the help of assistive technology. Participants were introduced to practical communication strategies for interacting with people who have disabilities, stressing the importance of verbal clarity and respect.

Key takeaways included the dos and don’ts when assisting people with disabilities, such as the importance of using person-first language and offering help in a respectful, non-intrusive manner.





Image No: 147 Image No: 148

Diversity, Equity, and Inclusion – Key Factors for Success

The third session delved into the concepts of diversity, equity, and inclusion within the workplace, focusing on the benefits of hiring people with disabilities. Ms. Kapadia, provided examples of how neurodiverse individuals can bring unique perspectives and talents to organisations, sharing insights from notable figures like Van Gogh. She concluded the session with the powerful message that inclusion is not just a moral imperative but a business advantage.





Image No: 147 Image No: 148

Assistive Technologies

The final session highlighted various assistive technologies available to support people with disabilities, ranging from screen readers and tactile diagrams to innovative apps like Grammarly and C-Pen. Ms. Kapadia, stressed the importance of human interaction alongside technology, posing a reflective question: When you share this experience with your loved ones, will you talk about the person first or the disability first?

Valedictory Session

The workshop concluded with a summary by Mr. Aditya Mishra, Co-Convener of Team Humanist, who expressed gratitude to the esteemed speakers for their invaluable insights. He emphasised how the session helped students and faculty alike to challenge biases and contribute to a more inclusive environment. The day ended with a vote of thanks, leaving the participants with a deeper understanding of disability, inclusion, and the need for empathy in fostering equitable spaces for all.



Image No: 149



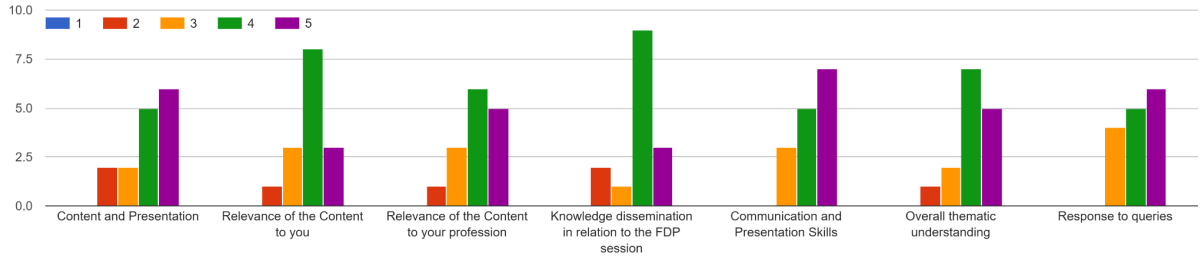
Image No: 150

Feedback Analysis:

Number of participants	**16**
Number of feedback received	**15**
Facilitator feedback - Ms. Disha Kapadia	**4.03**
Facilitator feedback - Mr. Ketan Kothari	**4.07**
Overall Feedback Analysis	**4.16**

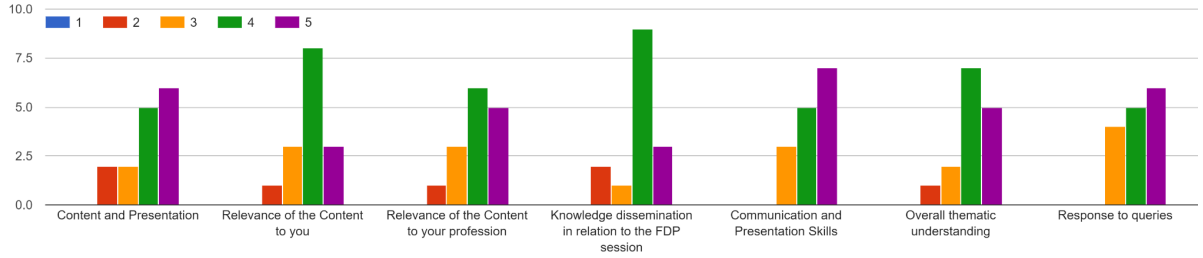
Facilitator Feedback: Ketan Kothari

1. Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



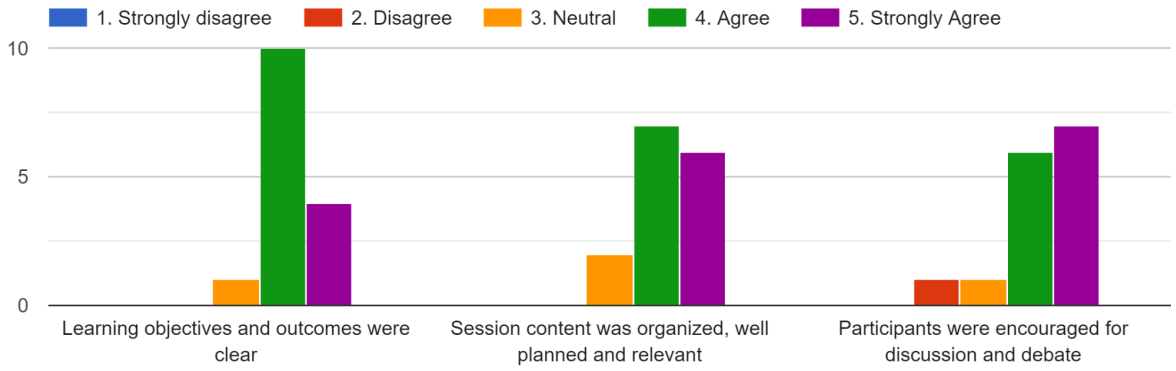
Facilitator Feedback: Disha Kapadia Chinchwadkar

1. Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



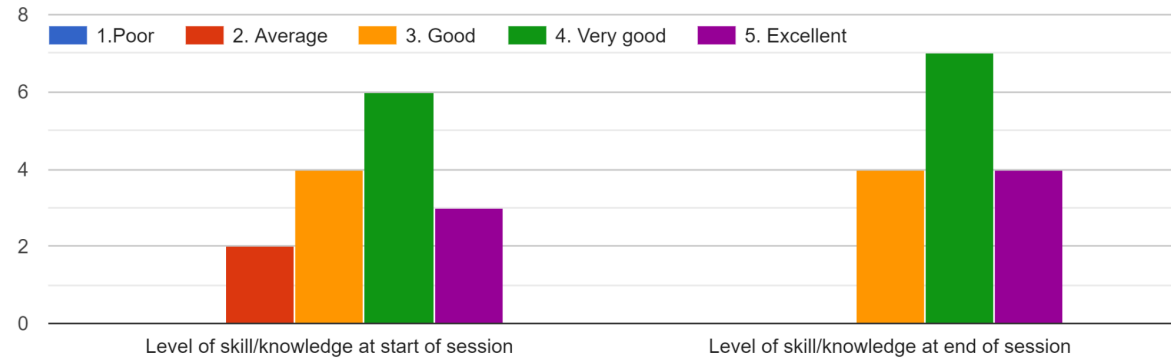
Session Content Feedbakc:

1. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Feedback:

2. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Poster of the FPD:



Somaiya Vidyavihar University
Somaiya Vidyavihar, Vidyavihar East,
Mumbai, Maharashtra 400077, India
W: https://www.somaiya.edu/en

In Association With

Centre for Diversity Management and Inclusion (CDMI),
K J Somaiya Institute of Management

In Collaboration with

Xavier's Resource Centre for the Visually Challenged (XRCVC), St. Xavier's College, Mumbai

Report on Antarchakshu 2.0 Student Workshop: Biases Impacting Perception of Disability

Date: 30th August 2024

The Centre for Diversity Management and Inclusion (CDMI) at K J Somaiya Institute of Management, and Faculty & Staff Development Centre (FSDC) in collaboration with Xavier's Resource Centre for the Visually Challenged (XRCVC), St Xavier's College, Mumbai, organised a student sensitization workshop, Antarchakshu 2.0 on 'Biases Impacting Perception of Disability' on 30th August 2024. This one-day workshop aimed to help participants reflect on attitudes and beliefs towards persons with disabilities and orient them to concepts of inclusion, accessibility, inclusive education, equal opportunity employment and related ideas.

Date: 30 August 2024

Opening Ceremony:

The workshop commenced with briefly introducing the facilitators, setting the tone for an impactful day. The event was inaugurated by Prof. Preeti Rawat, Director of Faculty & Staff Development Centre, who provided an insightful overview of the Centre for Diversity Management and Inclusion (CDMI) and Faculty & Staff Development Center (FSDC). She also emphasised the critical importance of promoting diversity, equity, and inclusion within all institutions.



Image No: 151



Image No: 152

Context Setting

The first session, led by Ms. Disha Kapadia Chinchwadkar, Lead Consultant Awareness (Advocacy) at XRCVC, focused on the role of the Xavier's Resource Centre for the Visually Challenged (XRCVC) in advocating for the rights of persons with disabilities, also highlighted XRCVC's pivotal role in advocating for the Copyright (Amendment) Act (2012), enabling individuals with print disabilities to convert books into accessible formats.
Participants were engaged in activities designed to simulate the experiences of persons with disabilities, such as navigating spaces while blindfolded and solving tasks using non-dominant hands. These exercises evoked emotional responses of confusion, frustration, and helplessness, leading to greater empathy and understanding of the challenges faced by individuals with disabilities.



Image No: 153



Image No: 154

Sharing Personal Experiences, Shifting Perceptions on Disability

Ms. Kapadia, introduced Mr. Laxmisagar Samai, Data Scientist at Hindustan Unilever, who shared his personal journey living with blindness. The participants were encouraged to ask questions, to which Mr. Laxmisagar Samai responded candidly, discussing the challenges and triumphs he faced in his education and career. He spoke of the importance of perseverance, acceptance, and the value of self-belief in overcoming societal misconceptions about disability. This session underscored the need to shift perceptions about disability through dialogue and shared experiences.





Image No: 155 Image No: 156

Diversity, Equity, and Inclusion – Key Factors for Success

In this session, Ms. Kapadia, explained the crucial elements of diversity, equity, and inclusion. She elaborated on how organisations benefit from inclusive practices, noting that fostering a diverse workforce not only improves organisational culture but also enhances brand equity and market appeal; she illustrated this with real-world examples, including the artistic genius of Van Gogh and the exceptional pattern-recognition abilities of individuals with autism, both contributing unique perspectives and strengths to their fields.

Assistive Technologies

The discussion in this session focused on the various assistive technologies available for individuals with disabilities.Ms. Kapadia spoke about the technologies such as screen readers, magnifiers, and talking calculators, as well as tools like Grammarly and Immersive Reader. While assistive technologies are critical for accessibility, she emphasised that nothing replaces the value of human connection and peer support.





Image No: 157 Image No: 158

Valedictory Session:

The FDP concluded with a reflective valedictory session led by Mr. Sumit Bathla from the Humanist Committee. He summarised the day's discussions and expressed gratitude to the speakers for their invaluable contributions. The session ended with a vote of thanks, marking the successful completion of Antarchakshu 2.0, a programme that equipped participants with the knowledge and empathy needed to foster inclusivity in their respective spheres.



Image No: 159



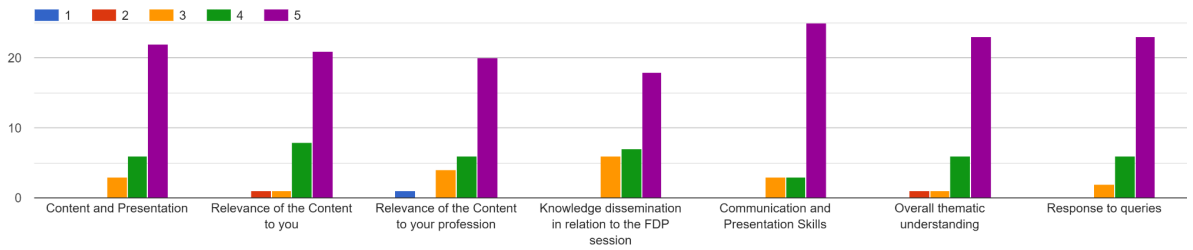
Image No: 160

Feedback Analysis:

Total Participants	**36**
Feedback Received	**31**
Facilitator Feedback- Ms Disha Kapadia	**4.58**
Facilitator Feedback- Mr Laxmisagar Samai	**4.58**
Overall Feedback Analysis	**4.51**

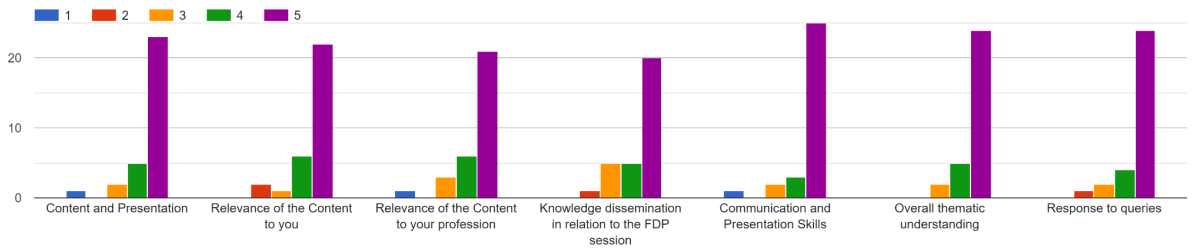
Facilitator Feedback: Laxmisagar Samai

1. Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



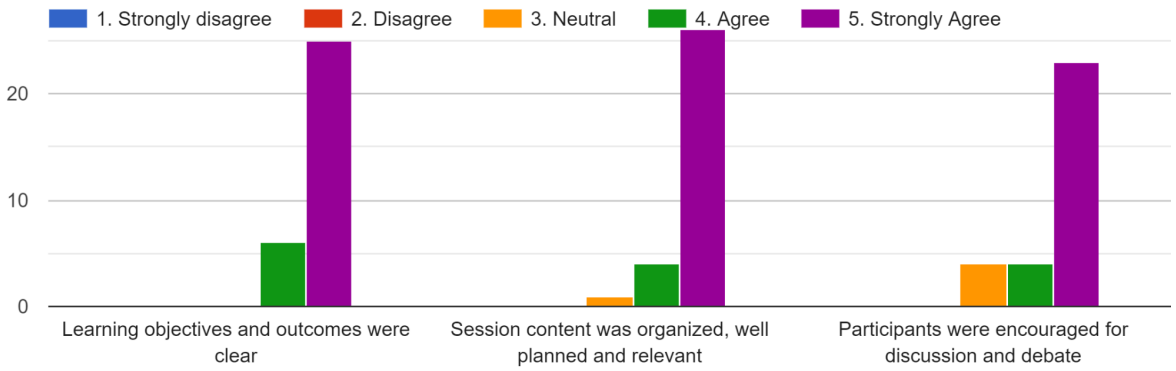
Facilitator Feedback: Disha Kapadia

1. Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



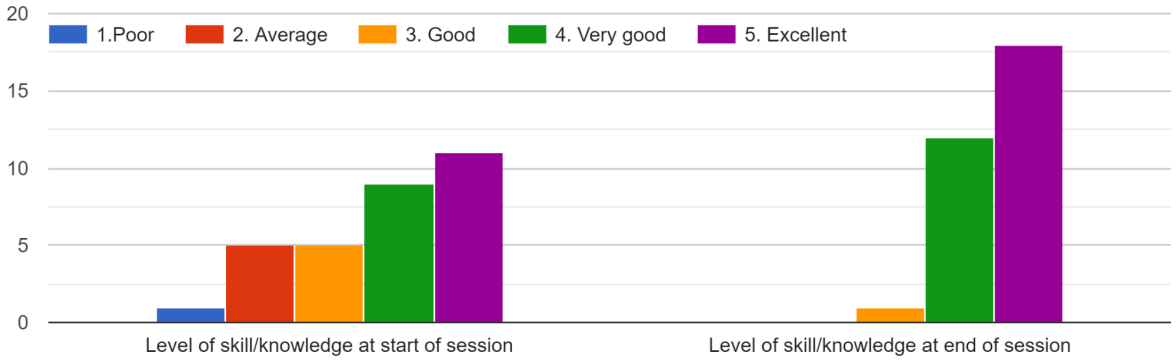
Session Content Analysis:

1. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

2. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)




SOMAIYA VIDYAVIHAR UNIVERSITY
XRCVC, St Xavier's College, Mumbai
In association with
Centre for Diversity Management and Inclusion
K J Somaiya Institute of Management
and
Faculty & Staff Development Centre
Invites you to join
Antarchakshu® 2.0 Student Workshop
on
Biases Impacting Perception of Disability
30th August, 2024
B-113, Bhaskaracharya Building, K J Somaiya College of Engineering, Somaiya Vidyavihar University
Awareness and sensitisation about the lives of persons with disabilities
Inclusion and accessibility
Inclusive Education
Assistive Technology
Advocacy and policy engagement
Antarchakshu® 2.0, Season 7
Powered by
DHUN PESTONJI PARAKH DISCRETIONARY TRUST
Godrej INDUSTRIES
SBI MUTUAL FUND A PARTNER FOR LIFE
Union Bank
IDFC FIRST Bank ALWAYS YOU FIRST
Lawrence & Mayo
Mendonsa Foundation
TATA
Discounted coupons will be provided to all participants, redeemable at your nearest Pizza Hut outlet (operated by Sapphire Foods India Limited).
Registration is mandatory to book your spot
No Registration Fee
For more details
https://forms.gle/nsJAhWdbAV3rLojt7
officer.fsdc@somaiya.edu
022 6728 3051 / 022 6728 3118
Scan Here

Faculty & Staff Development Centre (AIU-SVU FSDC'S AADC)

In Collaboration With

K J Somaiya College of Nursing,

K J Somaiya College of Physiotherapy
and
K J Somaiya Institute of Dharma Studies

Report on the FDP: Indian Knowledge System and Medical Science: Unlocking the Secrets of Indian Medical Systems

Date: 17th - 21st September 2024

The Faculty & Staff Development Centre (FSDC) of Somaiya Vidyavihar University, in collaboration with K J Somaiya College of Nursing, K J Somaiya College of Physiotherapy, and K J Somaiya Institute of Dharma Studies, organized a five-day online Faculty Development Program (FDP) titled *Indian Knowledge System and Medical Science: Unlocking the Secrets of Indian Medical Systems*. The FDP, held from 17th to 21st September 2024, featured a comprehensive exploration of India's traditional medical knowledge, including Ayurveda, Unani, and mindfulness practices, and brought together a diverse array of expert speakers from various medical disciplines.

The FDP began with an inauguration ceremony led by Mrs. Ranjana Parihar, Joint Secretary of the Association of Indian Universities (AIU), followed by a welcome address by Dr. Preeti Rawat, Director of FSDC. Dr. Avani Oke, Principal of K J Somaiya College of Nursing, and Dr. Shweta Manwadkar, Principal of K J Somaiya College of Physiotherapy, highlighted the relevance of integrating traditional Indian medical systems into modern healthcare practices.

Day 1: 17th September 2024

Session 1: Overview of Indian Knowledge System related to Medical Sciences
Dr. Aashish Phadke, Director of Ayurvision - Centre for Ayurveda and Panchakarma Therapy, led the first session with a comprehensive introduction to the historical roots of Ayurveda, its principles, and its relevance in modern healthcare. Participants were introduced to the fundamental concepts of Ayurveda, including the rasas (tastes) and doshas-vata, pitta, and kapha (body constitutions), and their role in maintaining health. Dr. Phadke also shared practical tips on seasonal dietary recommendations, providing insight

into the Ayurvedic approach to wellness.

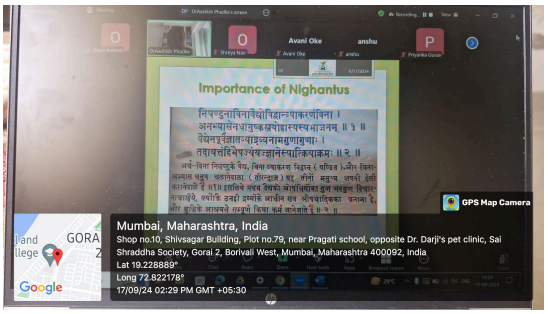


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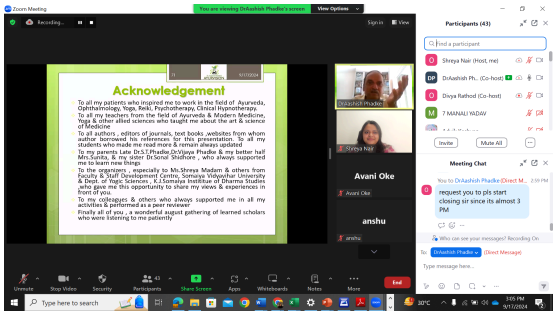


Image No: 162

Session 2: Ancient Indian Mathematics and Astronomy Traditions

In the second session, Dr. Bhagyashree Bavare, Head of the Centre for Buddhist Studies at KJ Somaiya Institute of Dharma Studies, Mumbai, delved into the ancient Indian mathematical and astronomical traditions. She discussed calculations from the Vedic period, time-related computations, and astronomical phenomena, such as equinoxes. Participants gained a deeper understanding of how ancient Indian knowledge has contributed to modern scientific advancements.

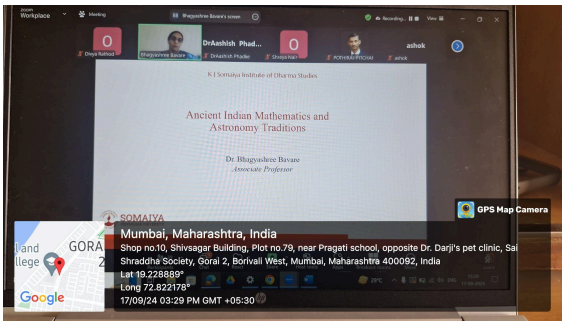


Image No: 163

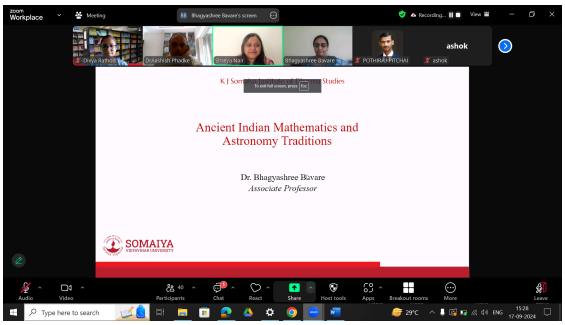
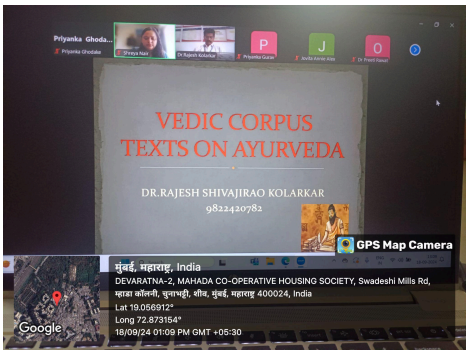


Image No: 164

Day 2: 18th September 2024

Session 1: Wisdom Through the Ages – I

Dr. Rajesh Kolarkar, Professor and Head of Department at Maharashtra University of Health Sciences, Nashik, Maharashtra, explored the evolution of Vedic texts and their contributions to Ayurvedic medicine. The session covered the Yajurveda, Atharvaveda, and the integration of Vedic knowledge into Ayurveda. Participants learned about various Ayurvedic formulations and the holistic approach these ancient texts offer in modern medical practice.



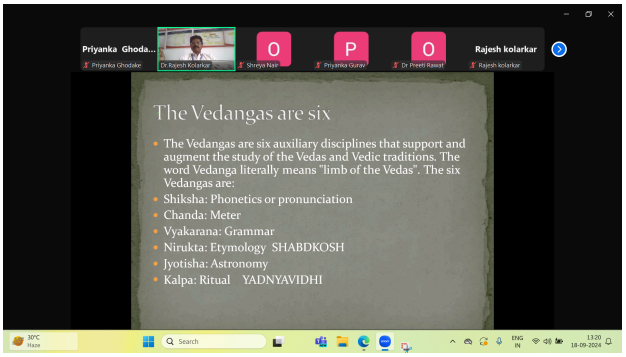
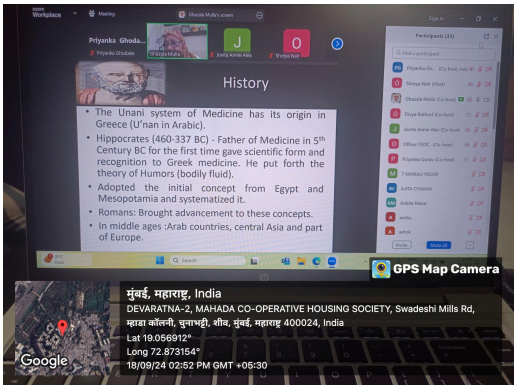


Image No: 165 Image No: 166

Session 2: Wisdom Through the Ages – II

Dr. Ghazala Mulla, Head of Z.V.M. Unani Medical College and Hospital, Pune, presented on the history and principles of the Unani system, tracing its roots to ancient Greek philosophy and its evolution through the Islamic Golden Age. She highlighted the balance of bodily humors and how Unani medicine customizes treatments based on an individual's constitution (Mijaz). Participants also received a brief overview of Siddha medicine, another traditional system focusing on mind-body harmony.



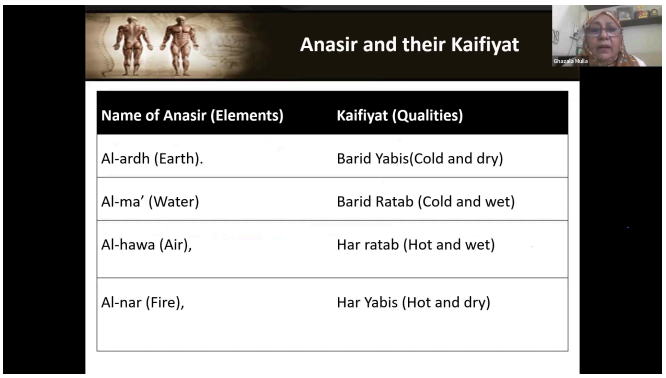
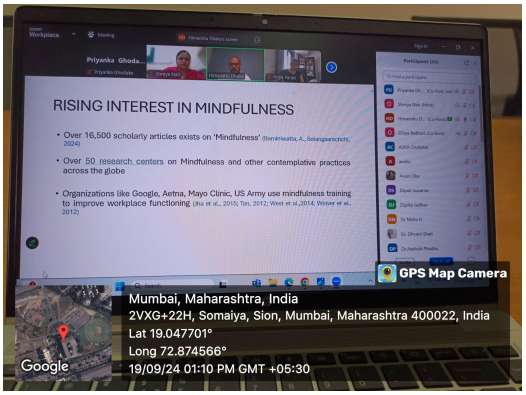


Image No: 167 Image No: 168

Day 3: 19th September 2024

Session 1: Mindfulness

Mr. Himanshu Dhaka, DGM Learning & Development at Larsen & Toubro, conducted a practical session on mindfulness. He introduced participants to mindfulness techniques, including guided imagery and breathing exercises, to improve mental well-being. Mr. Dhaka also discussed the growing importance of mindfulness in managing stress and promoting overall wellness, encouraging participants to incorporate these practices into their daily routines.



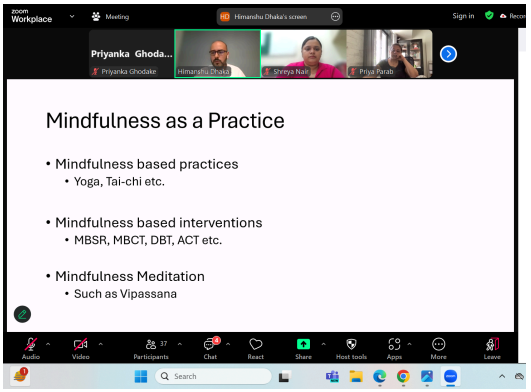


Image No: 169 Image No: 170

Session 2: Alternative Therapies and Indian Knowledge System

Dr. Sushama Kale, Principal of Terna Padmayog Sadhana College, Navi Mumbai, discussed alternative therapies such as yoga, meditation, and naturopathy. She explained how these therapies are deeply rooted in the Indian Knowledge System and emphasized their relevance in promoting holistic health. Participants engaged in discussions about yoga's connection to the body's well-being and how natural remedies can be used to complement modern medicine.

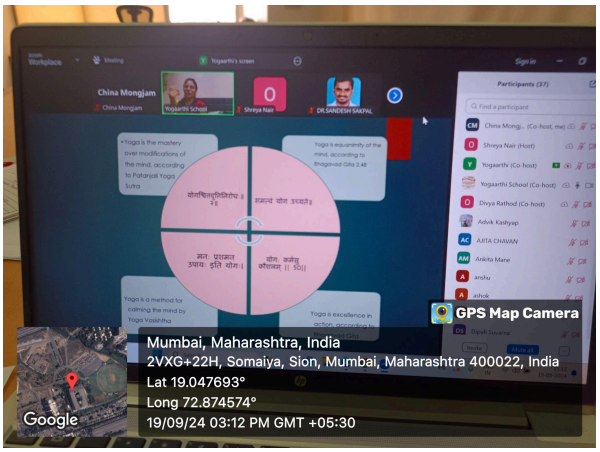




Image No: 171 Image No: 172

Day 4: 20th September 2024

Session 1: Care and Wellness Practices for the Body

In this session, Dr. Rajesh Kolarkar returned to present Ayurvedic self-care practices. He highlighted the benefits of various daily routines, such as squatting, herbal massages, and the use of natural remedies like collyrium. The session emphasized the importance of consistent

care practices in maintaining physical health.

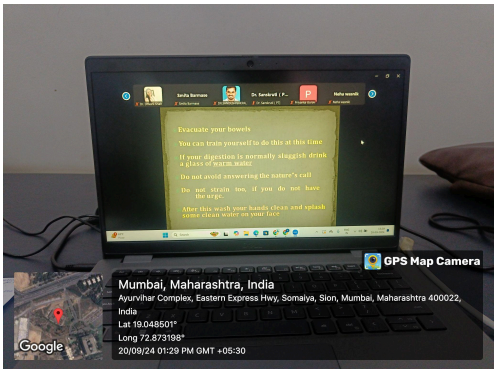


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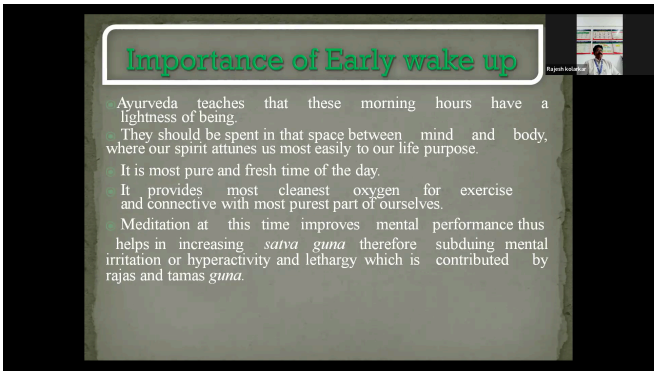


Image No: 174

Session 2: Care and Wellness Practices for the Mind

Dr. Brijesh Singh, Assistant Professor at KJ Somaiya Institute of Dharma Studies, Mumbai, provided insights into mindfulness and meditation techniques for mental well-being. He demonstrated simple meditation practices and explained the scientific impact of these techniques on the human mind. The session encouraged participants to integrate these practices for a balanced mental state.

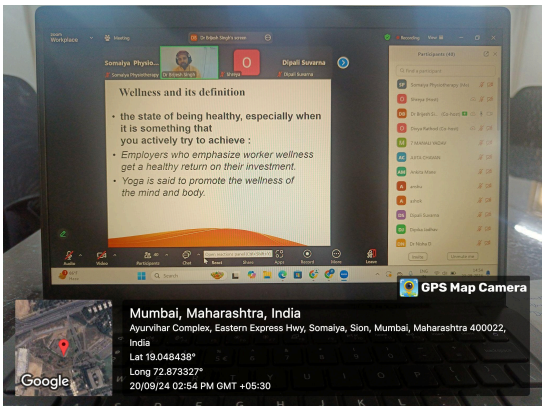


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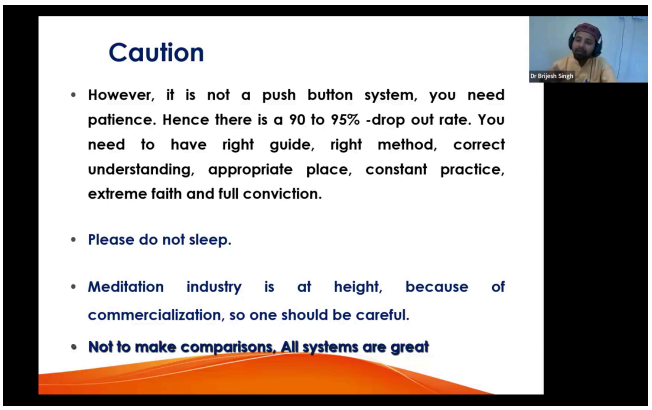


Image No: 176

Day 5: 21st September 2024

Session 1: Diet & Nutrition

Dr. Rajashree Rajesh Kolarkar, Professor at the National Commission for Indian System of Medicine, New Delhi, led the session on Ayurvedic dietary practices. She explained the importance of understanding one's body constitution (dosha) and how diet plays a crucial role in maintaining health. Dr. Rajashree emphasized the significance of eating early meals and

the practice of waking up during Brahmamurta for optimal health.

Session 2: Food Archaeology

Dr. Kurush F. Dalal, Director of The India Study Center(INSTUCEN) School of Archaeology, Vile Parle (E), Mumbai, concluded the program with a fascinating discussion on the archaeology of food. He explored ancient dietary habits, food preparation techniques, and how historical eating practices compare to modern diets. Dr. Dalal's session shed light on the evolution of human nutrition and its relevance in today's world.

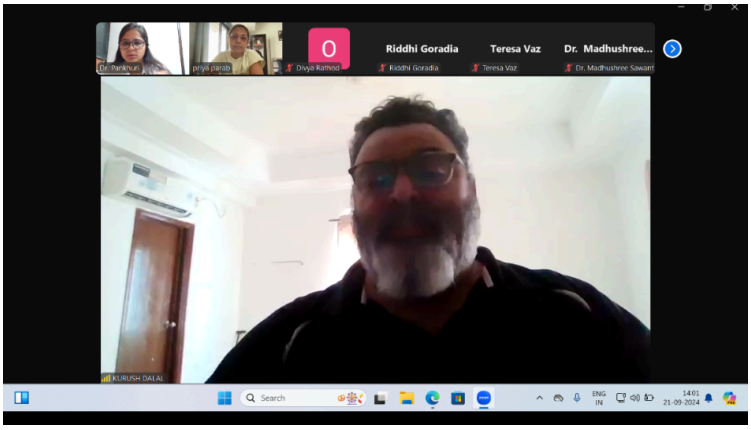


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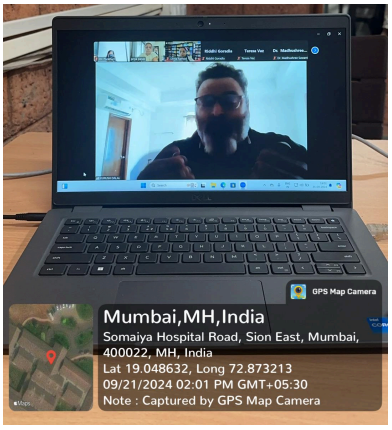


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Conclusion

The Faculty Development Program wrapped up on 21st September 2024. Dr. R. Preeti Rawat highlighted the importance of integrating traditional Indian knowledge into modern healthcare, while Dr. Pothiraj Pitchai encouraged participants to apply their insights in their fields. The FDP fostered community and inspired continuous learning and collaboration.

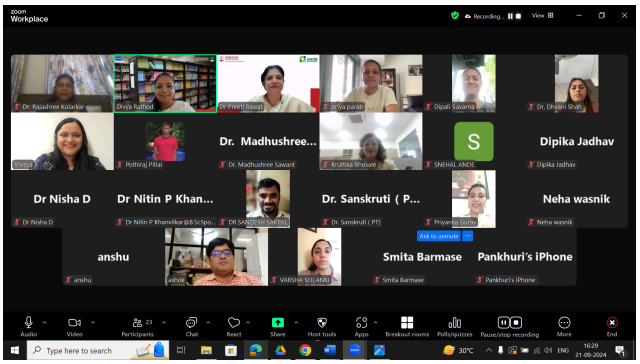


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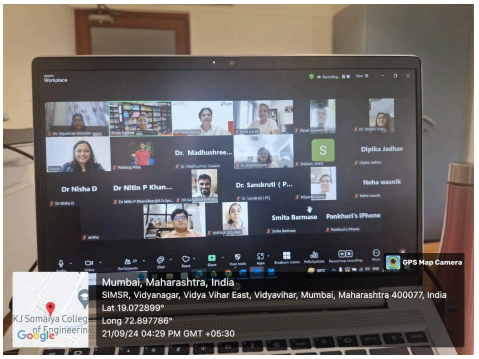


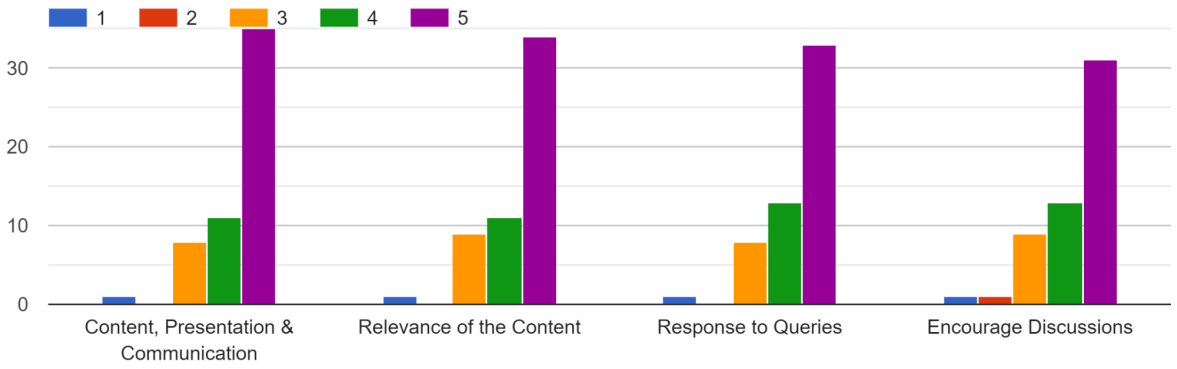
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Feedback Analysis:

No of Participants	**49**
Feedback Received	**46**
Facilitator Feedback- Dr Aashish Phadke	**4.39**
Facilitator Feedback- Dr Bhagyashree Bavare	**4.15**
Facilitator Feedback- Dr. Rajesh Kolarkar	**4.31**
Facilitator Feedback- Dr. Ghazala Mulla	**4.41**
Facilitator Feedback- Dr Himanshu Dhaka	**4.31**
Facilitator Feedback- Dr. Sushama Kale	**4.52**
Facilitator Feedback- Dr. Brijesh Singh	**4.22**
Facilitator Feedback- Dr. Rajashree Rajesh Kolarkar	**4.49**
Facilitator Feedback- Dr. Kurush F Dalal	**4.48**
Overall Feedback Analysis	**4.48**

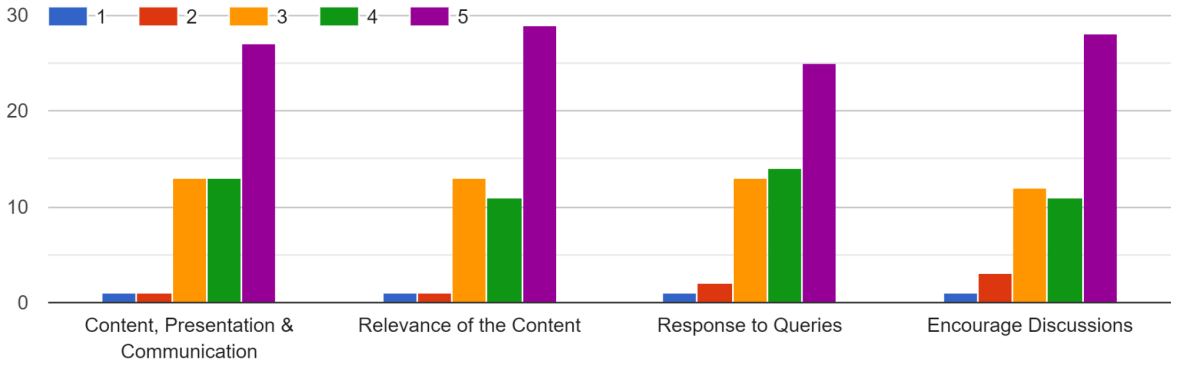
Day 1:
Facilitator Feedback: Dr Aashish Phadke

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



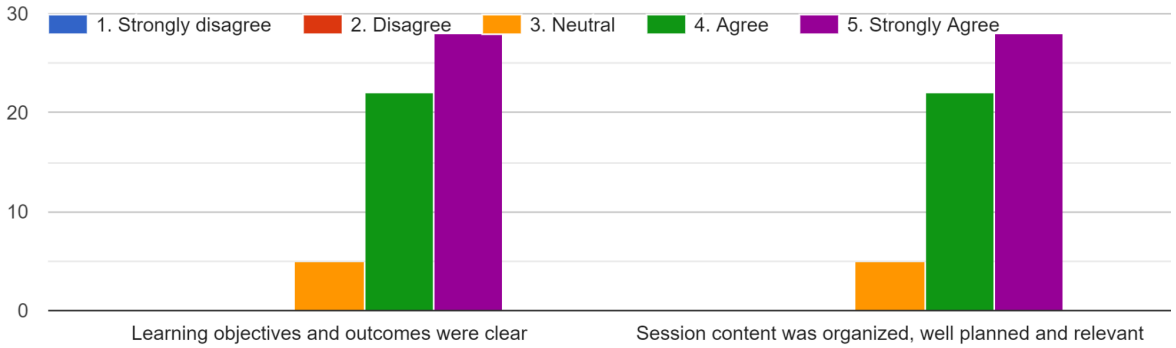
Facilitator Feedback: Dr Bhagyashree Bavare

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



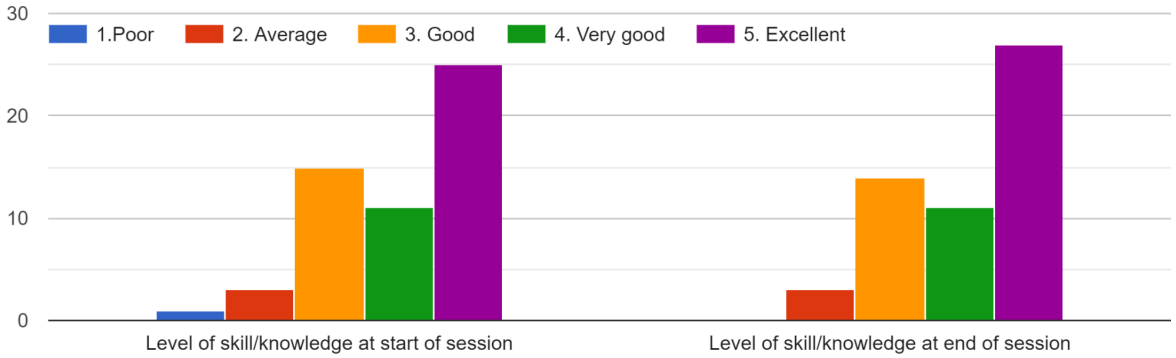
Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



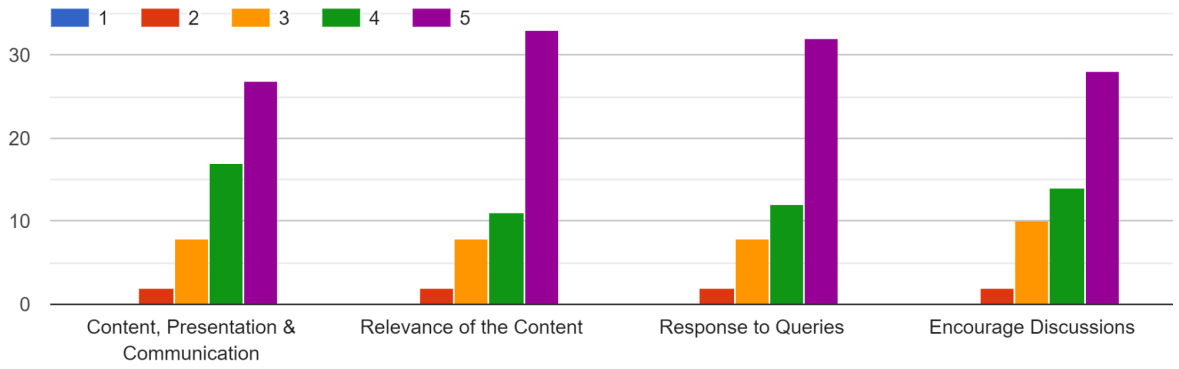
Learning Outcome:

3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



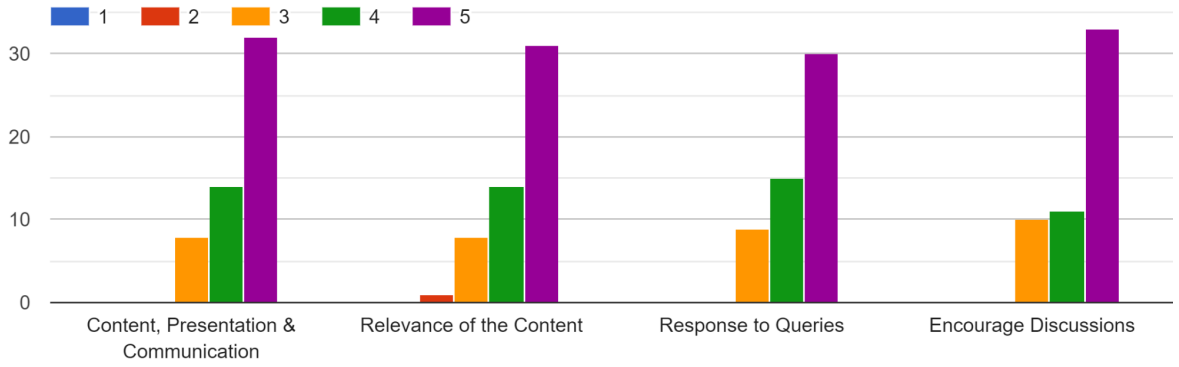
Day 2:
Facilitator Feedback: Dr. Rajesh Kolarkar

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



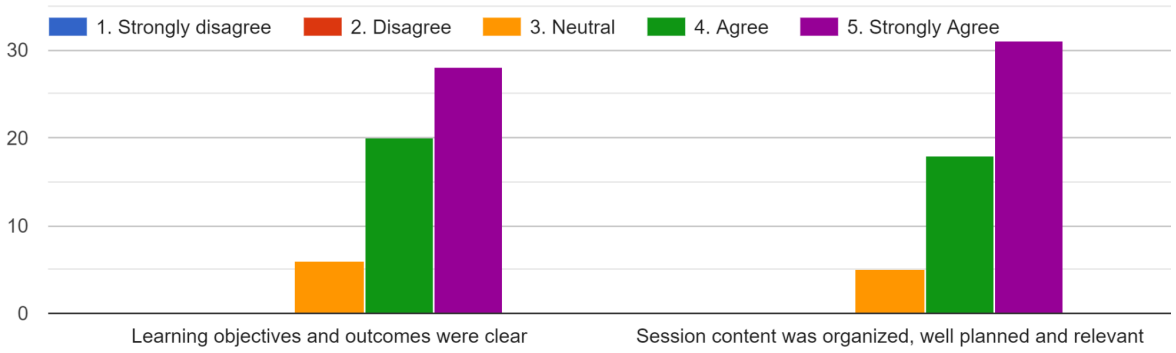
Facilitator Feedback: Dr. Ghazala Mulla

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



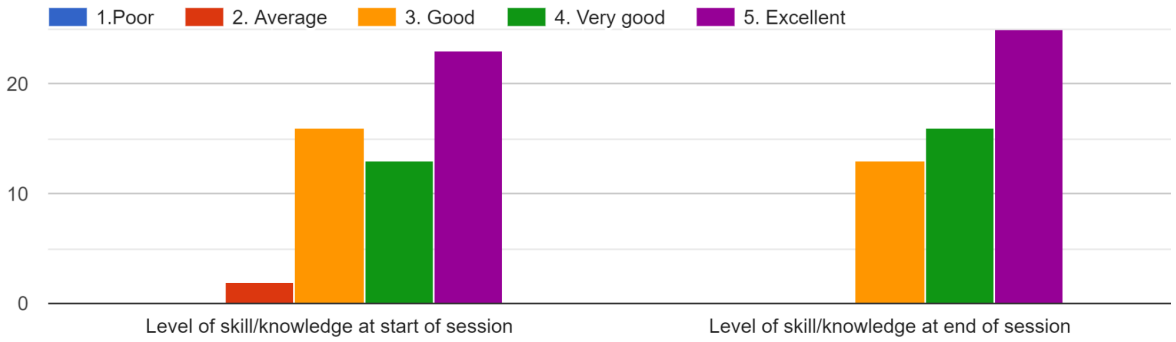
Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

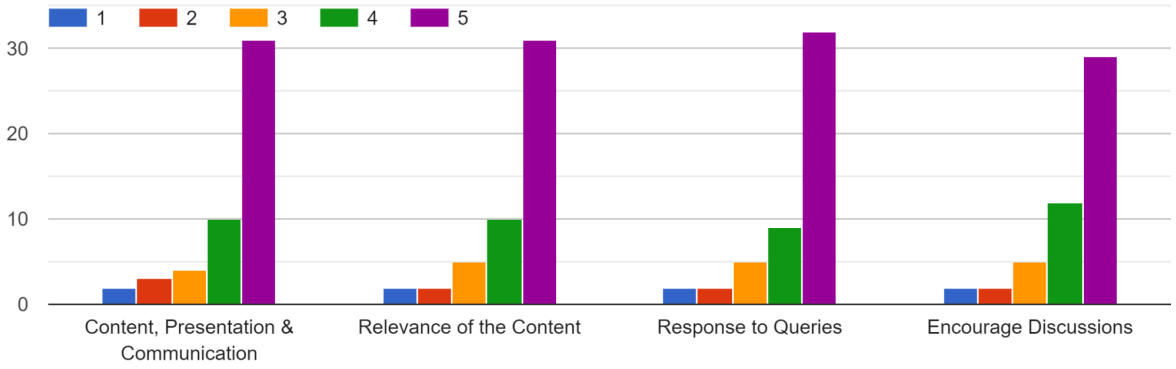
3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Day 3:

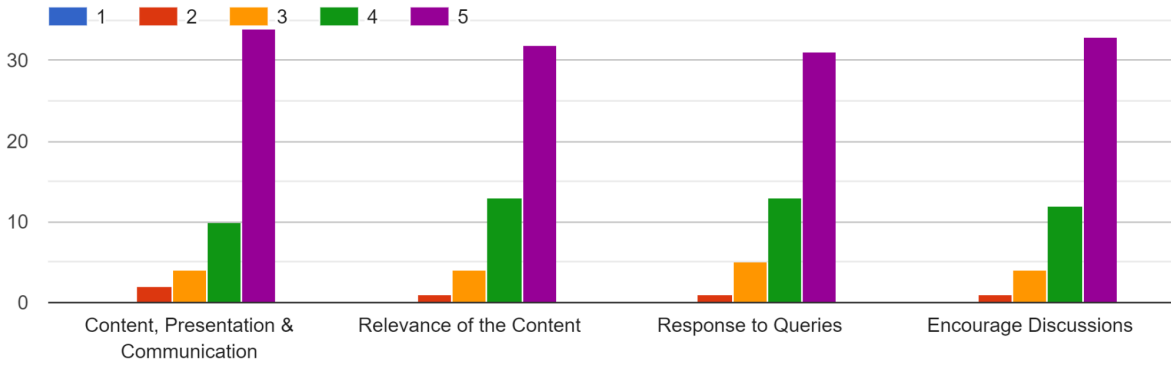
Facilitator Feedback: Dr Himanshu Dhaka

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



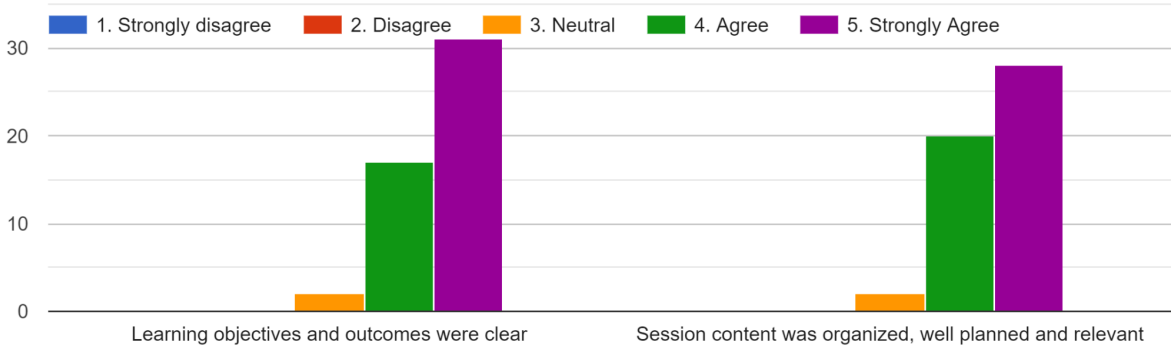
Facilitator Feedback: Dr. Sushama Kale

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



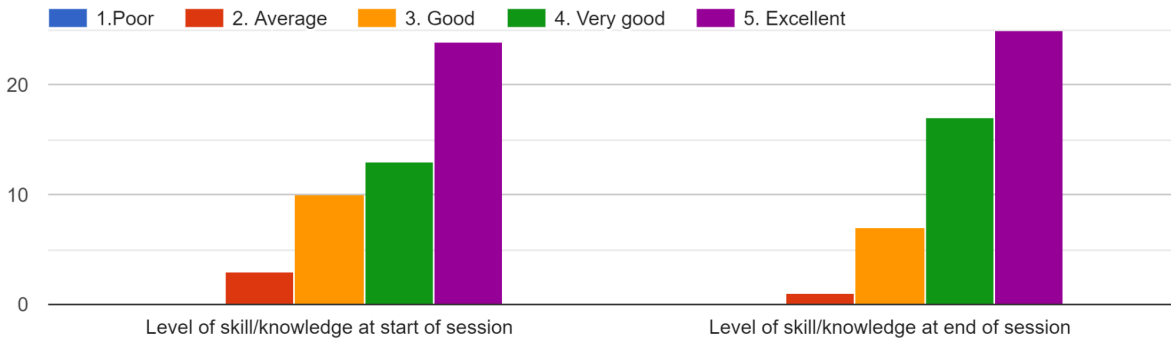
Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

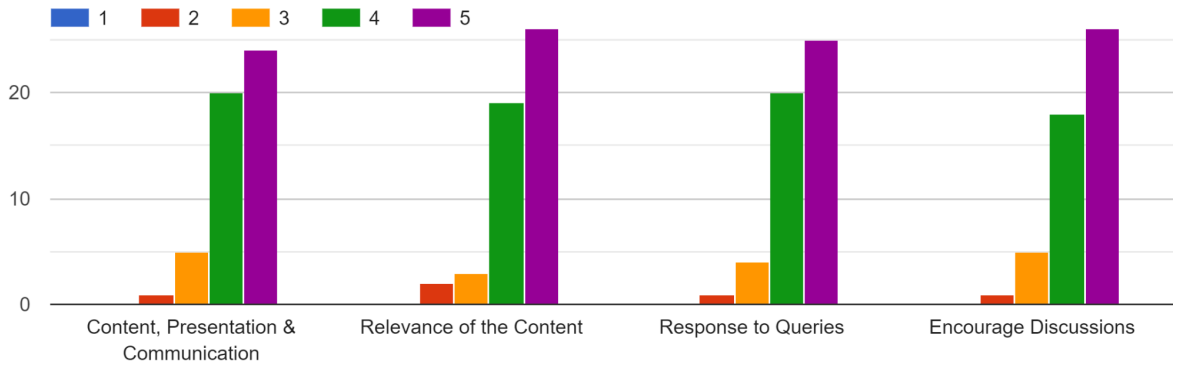
3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Day 4:

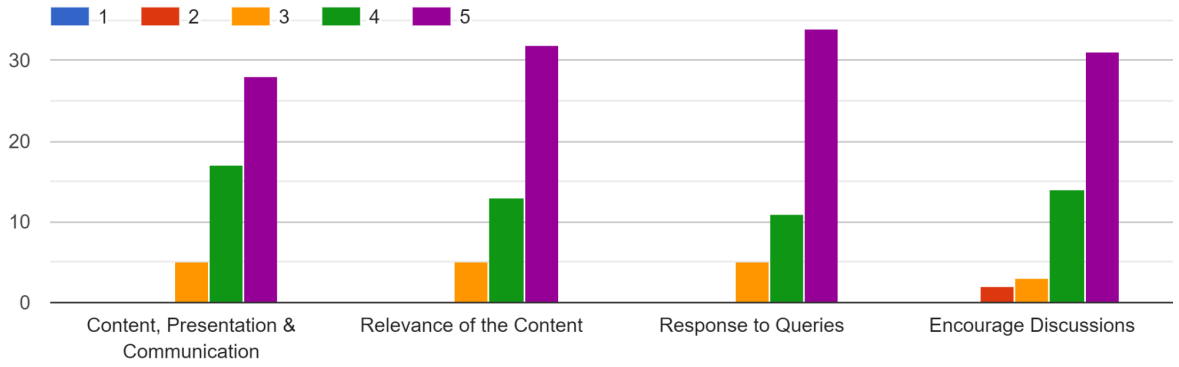
Facilitator Feedback: Dr. Rajesh Kolarkar

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



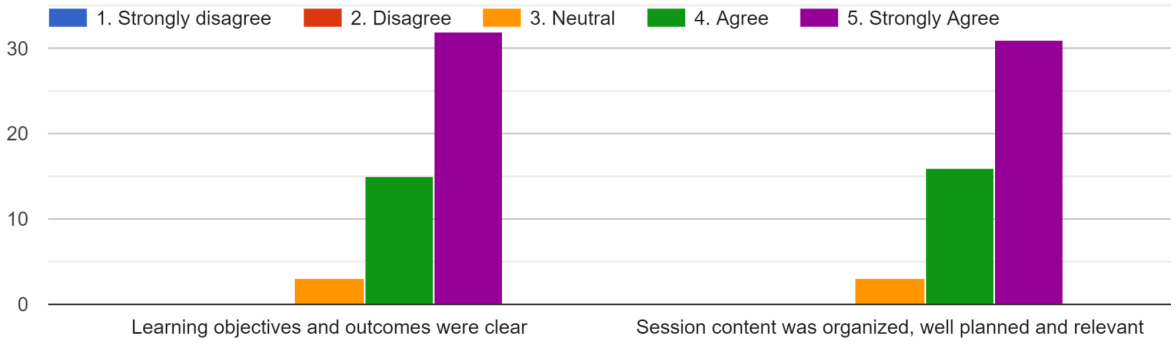
Facilitator Feedback: Dr. Brijesh Singh

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



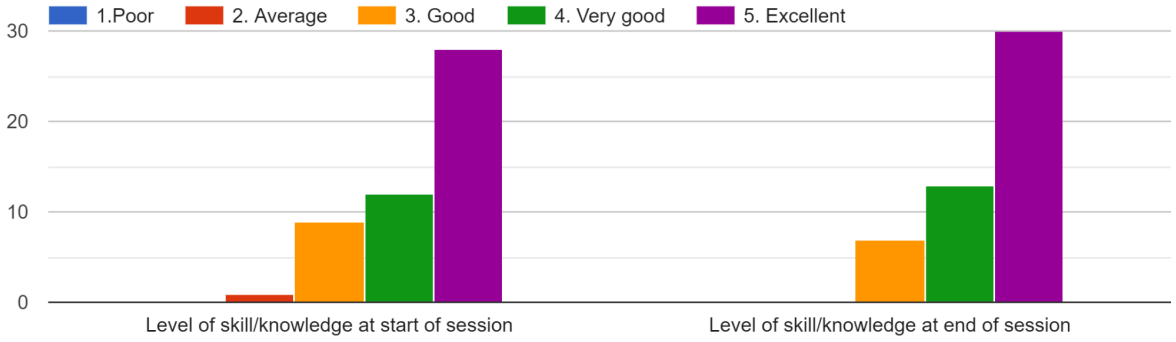
Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

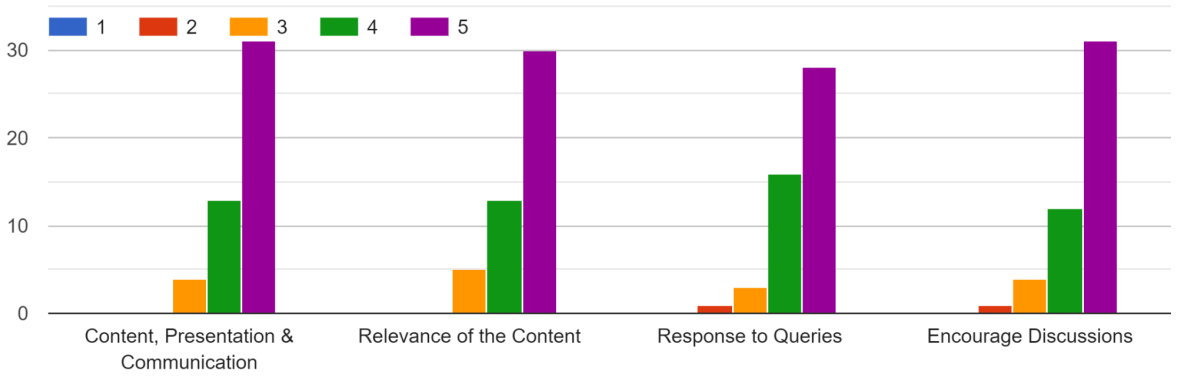
3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Day 5:

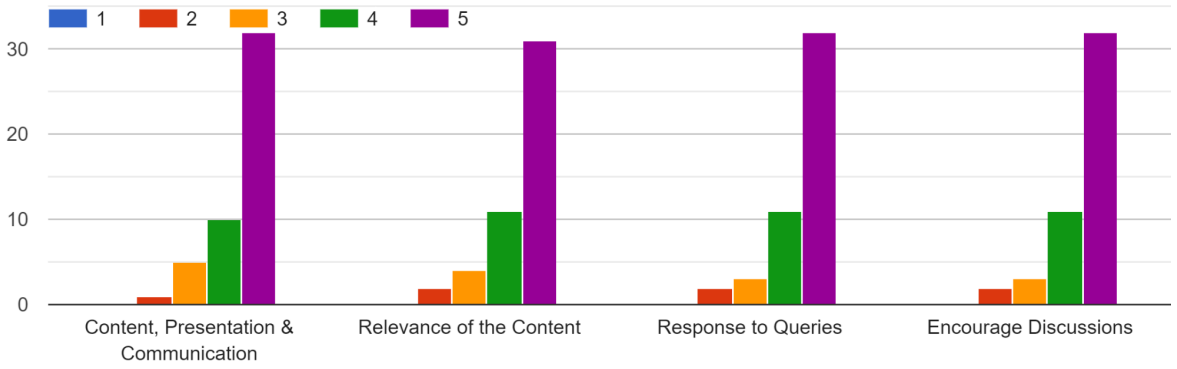
Facilitator Feedback: Dr. Rajashree Rajesh Kolarkar

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



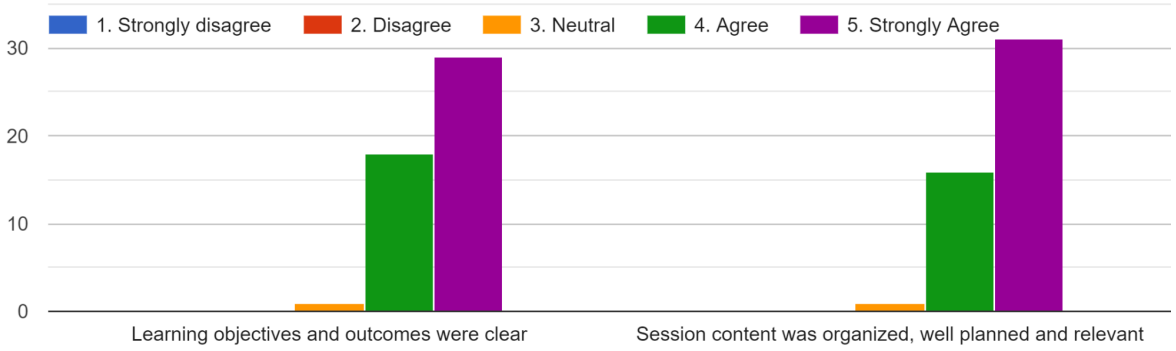
Facilitator Feedback: Dr. Kurush F Dalal

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



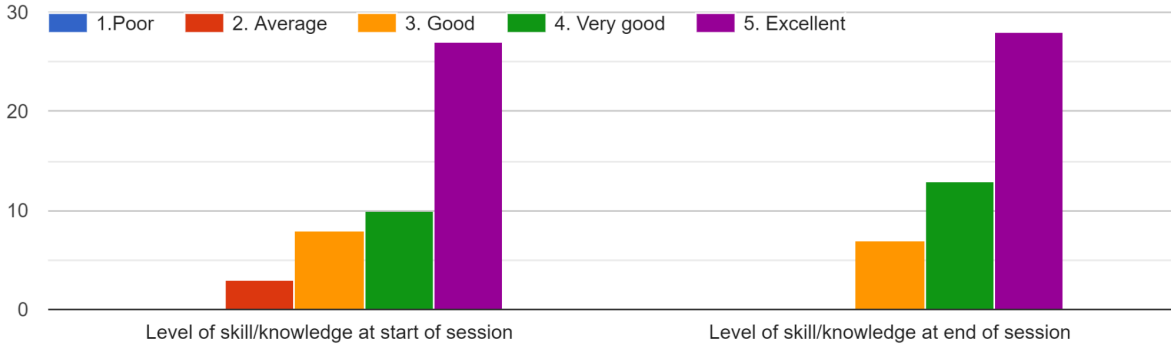
Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Poster of the FDP



Faculty & Staff Development Centre, Somaiya Vidyavihar University
(AIU-SVU FSDC'S AADC)

Report on the FDP: Generative AI for Educators: Revolutionizing Education

Date: 23rd - 27th September 2024

The Faculty & Staff Development Centre (FSDC), Somaiya Vidyavihar University (SVU) organized the Faculty Development Programme (FDP) titled *Generative AI for Educators: Revolutionizing Education* from 23rd September 2024 to 27th September 2024. This five-day online FDP was designed to equip educators with the essential knowledge and practical skills required to integrate Generative AI into their teaching practices. The FDP aimed to empower participants to create AI-enhanced teaching materials, personalize learning experiences, analyze student data, and engage students more effectively in both online and offline environments.

The FDP attracted 114 participants, consisting of faculty members, administrative staff, students, and professionals from various institutions and industries, eager to explore the transformative potential of Generative AI in education.

Date: 23rd September 2024
Opening Ceremony:
The FDP commenced with an inauguration and a prayer, followed by the address of Dr. Preeti Rawat, Director, FSDC, who gave an overview of FSDC and set the context by highlighting the importance of integrating AI into educational practices.

Session 1: Basics of Generative AI and Content Creation
Prof. Biplab Banerjee, Associate Professor, IIT Bombay began the session by introducing the core principles behind Generative AI, focusing on how AI models work and interact with user inputs. Participants were introduced to AI tools like ChatGPT, Gemini, and Meta AI, which use sophisticated algorithms to understand and generate text. Prof. Banerjee explained how these models have the capability to "remember" previous interactions during a session, allowing for more coherent and contextually relevant responses. This concept of memory retention within AI was highlighted as a key feature, particularly in its ability to produce more personalized and detailed content when users provide continuous input.

Prof. Banerjee further elaborated on the importance of **custom prompt engineering**—a process where educators tailor their queries or commands in a way that maximizes the AI's output quality. Participants were shown how a well-structured, detailed prompt can significantly influence the depth and accuracy of the content generated by the AI. By building

on the memory of previous inputs, the AI models can create extended, interconnected educational materials, making it easier to produce comprehensive lesson plans, quizzes, and learning modules.



Image No: 181

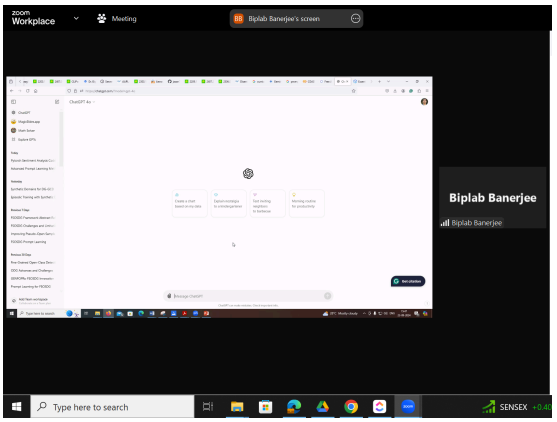


Image No: 182

Session 2: Generative AI Tools for Educators

Prof. Banerjee addressed the more advanced applications of AI in education. He explored how tools like ChatGPT can assist educators in enhancing teaching materials, such as developing course plans, evaluation rubrics, and assessment strategies. Through practical demonstrations, participants learned how specific prompts could generate course schedules, lesson plans, and instructional materials.

The session also included a hands-on exercise where participants used AI tools to create lesson plans. This allowed educators to understand how prompt engineering plays a critical role in tailoring AI outputs to their unique needs, making it easier to streamline educational content and planning processes.

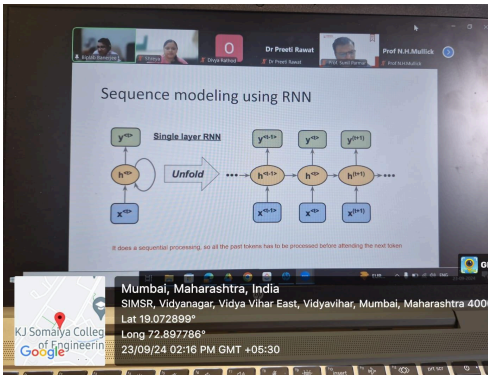


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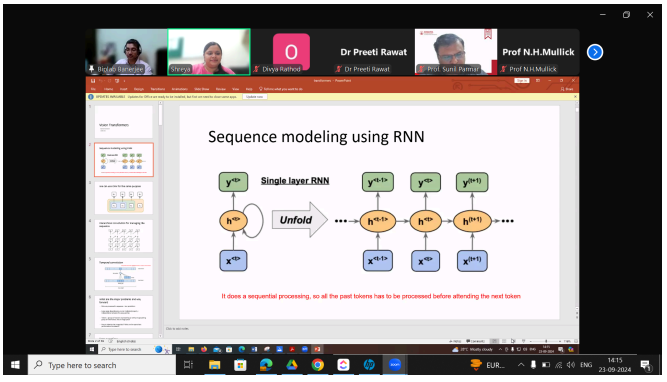


Image No: 184

Date: 24 September 2024

Session 1: Generative AI for Educational Content Creation

Dr. Bijeesh T. V., Assistant Professor, Christ University, Bangalore, demystified the concepts of Generative AI, breaking down its core functionalities and providing a comprehensive overview of how it can be applied in education and research. He explained how AI is reshaping the way educators approach content creation, moving beyond traditional methods to develop more dynamic, interactive, and engaging learning materials.

Dr. Bijeesh introduced several Generative AI tools, demonstrating how they can be seamlessly integrated into academic environments. These tools allow educators to produce diverse content, from lesson plans to interactive exercises, helping improve learning outcomes. He emphasized how AI can save time and increase efficiency, particularly in the creation of personalized educational materials that cater to various learning styles.

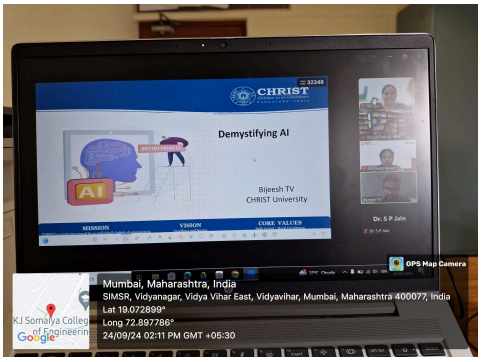


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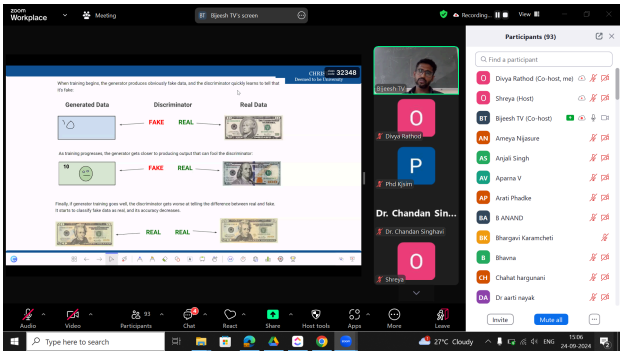
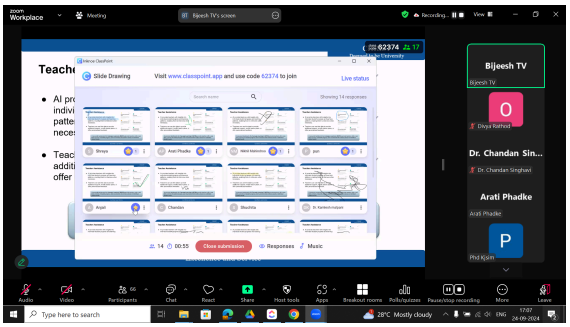


Image No: 186

Session 2: Personalizing Learning Experiences with AI

In the second session, the focus shifted to how AI can be used to personalize learning experiences. Dr. Bijeesh highlighted how AI allows for the customization of learning paths, making education more adaptive to the needs of individual students. Through case studies on personalized tutoring systems, participants learned about the practical applications of AI in tailoring educational content to specific learners, ensuring that each student receives the right level of support and engagement.

The session also explored various pedagogical strategies such as role-plays and storytelling, enhanced by Generative AI tools. These methods, supported by AI, provide immersive learning experiences that foster deeper understanding and retention. The session concluded with a hands-on exercise, where participants practiced using AI tools to create personalized learning materials. This exercise reinforced the practical skills necessary to incorporate AI in customizing student experiences, thereby making education more engaging and effective.



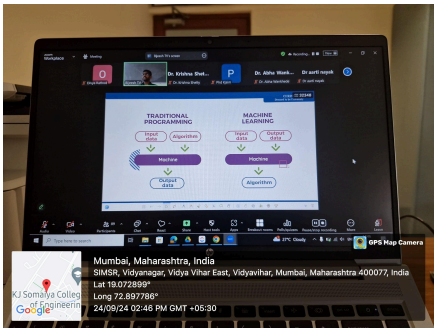
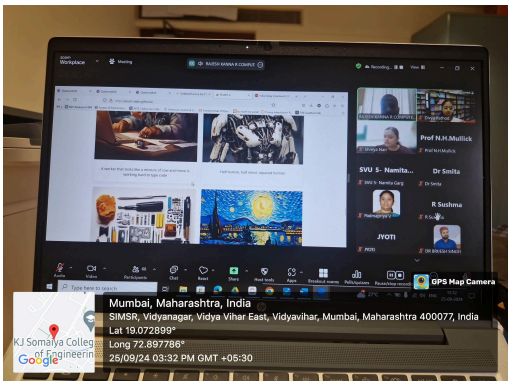


Image No: 187 Image No: 188

Date: 25 September 2024

Session 1: Gen AI Applications in Evaluation – Data Analysis and Insights

Dr. Rajesh Kanna, Assistant Professor, Christ University focused on the use of Generative AI in evaluating student performance through data analysis. He discussed how AI can analyse vast amounts of student data, identify learning patterns, and draw valuable insights into behaviour and performance. These insights can help educators make informed decisions about instructional design and intervention strategies. Participants took part in exercises where they used AI tools to analyze data and recognize trends in student learning, gaining hands-on experience in interpreting AI-generated insights.



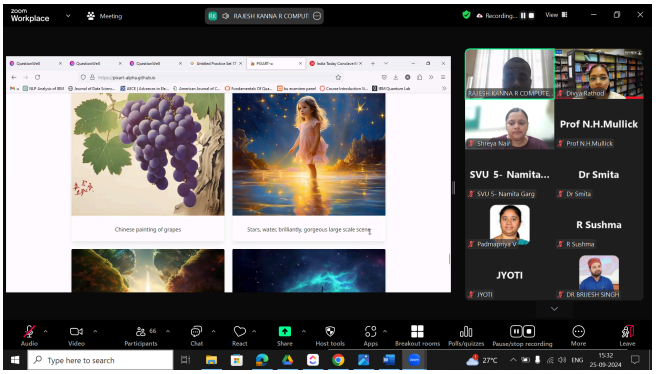


Image No: 189 Image No: 190

Session 2: Assessment and Feedback with AI

In this session, Dr. Bijeesh T. V., Assistant Professor, Christ University, demonstrated how AI can be leveraged in student assessment, particularly through automated grading and feedback systems. He highlighted the ways in which AI can ensure fairness and objectivity in grading, removing biases that might otherwise affect manual evaluations. Participants were guided through hands-on exercises, using AI tools to grade student work and generate performance feedback. This practical approach provided educators with valuable insights into how AI could streamline the assessment process, making it more efficient while maintaining a high

degree of accuracy and fairness.

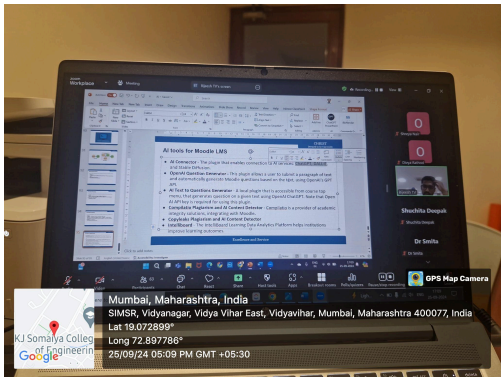


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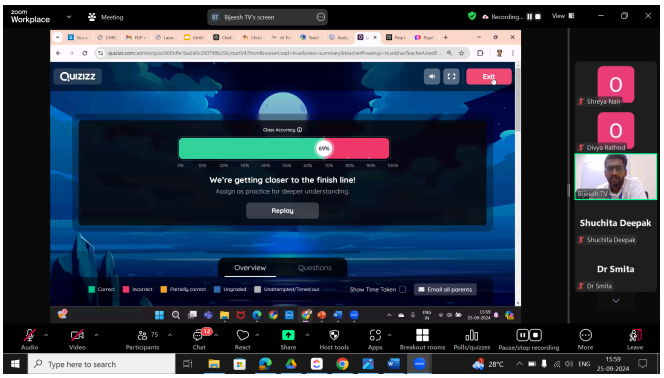


Image No: 192

Date: 26 September 2024

Session 1: AI for Research

Dr. Rajesh Kanna, Assistant Professor, Christ University, started the session with a deep dive into the application of Generative AI in academic research. Participants were introduced to various AI tools that aid in data analysis, automate literature reviews, and enhance research methodologies. Dr. Kanna emphasized how these tools can streamline research processes and improve the accuracy of findings. Attendees gained hands-on experience with AI-powered research techniques, exploring how these innovations can elevate the quality and efficiency of their research efforts.

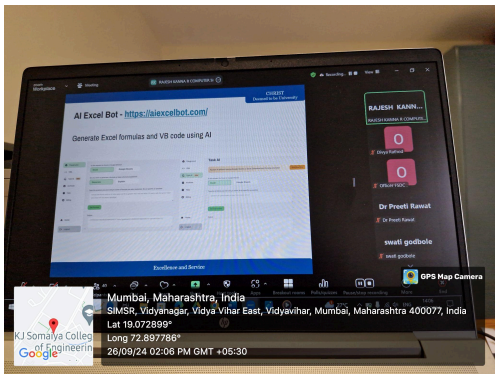


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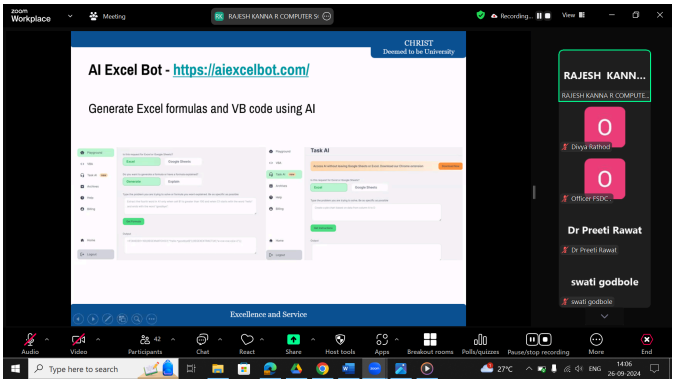


Image No: 194

Session 2: AI for Classroom Engagement

In the second session, Ms. Shreya Nair, Programme Manager, FSDC, SVU, presented AI-driven tools designed to enhance classroom engagement for both online and offline learning environments. She demonstrated interactive learning tools, focusing on gamified quizzes and real-time feedback systems that make lessons more dynamic and engaging. Participants worked on creating their own gamified quizzes, learning how to integrate these tools into their teaching strategies to foster active student participation and improve learning outcomes.

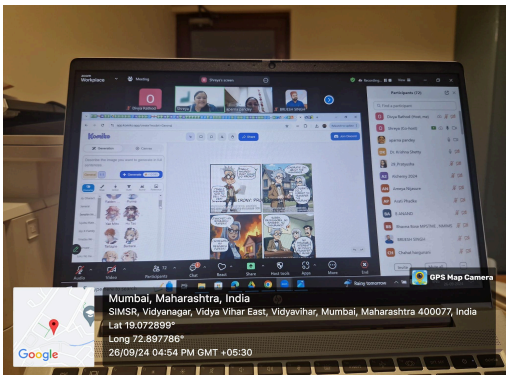


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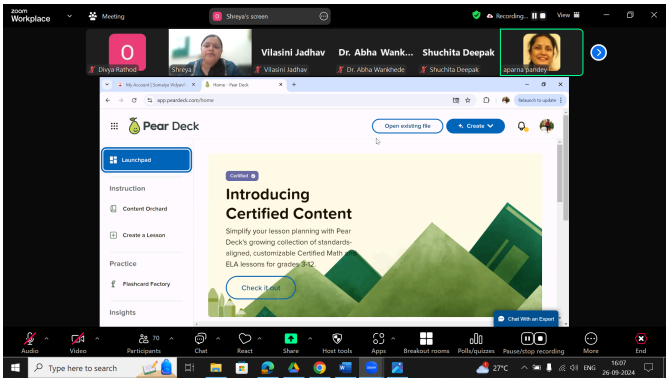


Image No: 196

Date: 27 September 2024

Session 1: Industry Use of Gen AI and Ethical Considerations

Mr. Kapil Arora, Executive Director, Grant Thornton Bharat LLP, Delhi provided a comprehensive overview of how Generative AI is being adopted across various industries, highlighting its impact on sectors like finance, healthcare, and marketing. He discussed the most popular AI tools in use today, showing how they are employed to streamline processes, enhance decision-making, and create personalized content. In addition to exploring real-world applications, Mr. Arora also guided participants through exercises on handling humanized content with AI, showcasing the balance between automation and maintaining a human touch in professional settings. He addressed the potential opportunities and challenges AI brings, particularly in ethical and operational aspects.

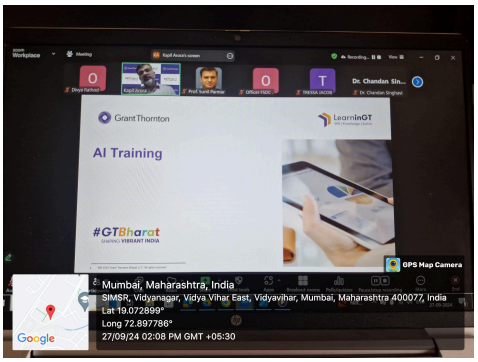


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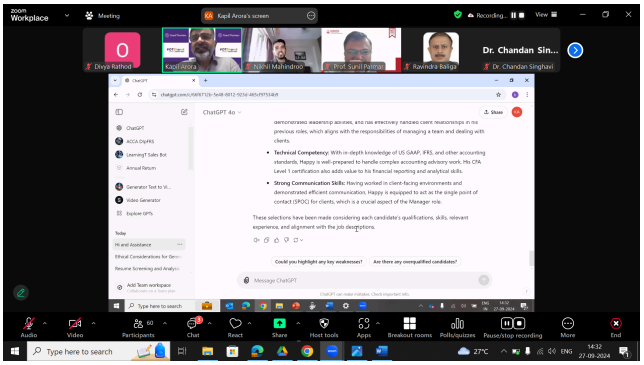


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Session 2: Ethical Considerations and Fear of Plagiarism in AI Usage

In the final session, Prof. Ram B. Ramachandran,Vice Dean, O.P. Jindal Global University, Haryana, focused on the critical ethical considerations surrounding the use of AI in education and other fields. He delved into concerns about privacy, data security, and the increasing fear of plagiarism with AI-generated content. Prof. Ramachandran emphasized the importance of upholding ethical standards when using AI, encouraging participants to implement responsible AI practices in their work. He also provided practical guidelines for avoiding

ethical pitfalls and ensuring that AI is used in a way that promotes integrity, fairness, and transparency in both education and industry settings.

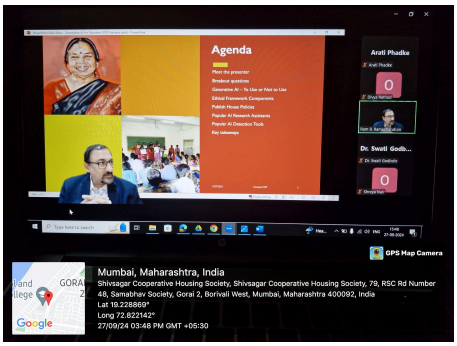


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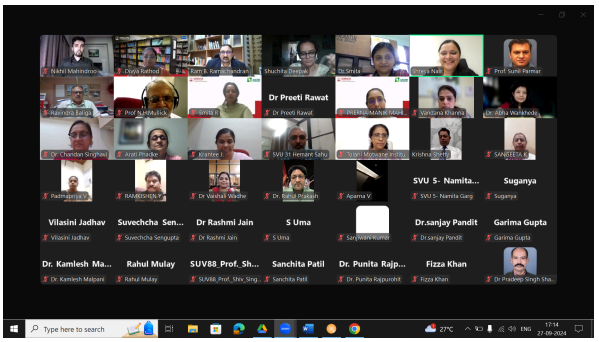


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Conclusion:

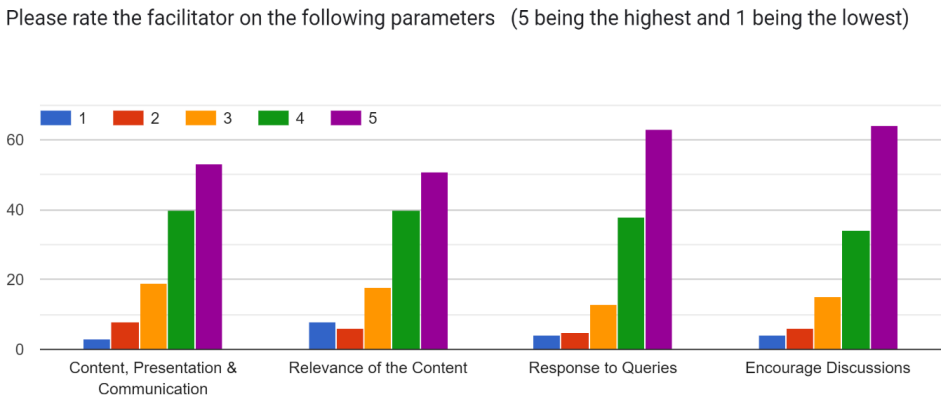
The five-day FDP on *Generative AI for Educators* was a success, equipping participants with cutting-edge knowledge and tools to integrate AI into their teaching and administrative processes. The FDP highlighted the transformative potential of AI in education, preparing educators to lead the next wave of digital innovation while ensuring ethical and responsible AI usage. The closure of the FDP was done by delivering a Vote of Thanks, thanking all facilitators, participants, backend team and participants for the success of the FDP.

Feedback Analysis:

No of Participants	**114**
Feedback Received	**101**
Facilitator Feedback- Prof. Biplab Banerjee	**4.12**
Facilitator Feedback- Dr. Bijeesh T V	**4.06**
Facilitator Feedback- Dr. Rajesh Kanna	**4.47**
Facilitator Feedback- Ms. Shreya Nair	**4.57**
Facilitator Feedback- Mr. Kapil Arora	**4.30**
Facilitator Feedback- Prof. Ram B Ramachandran	**4.36**
Overall Feedback Analysis	**4.25**

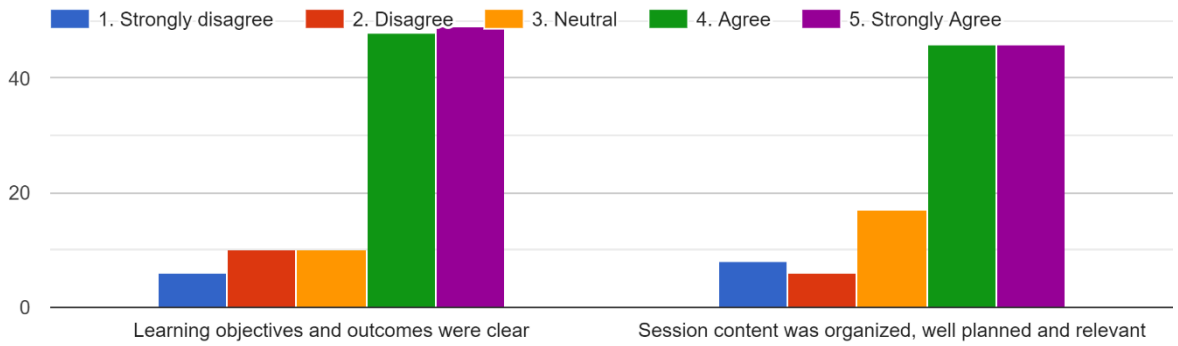
Day 1:

Facilitator Feedback: Prof. Biplab Banerjee



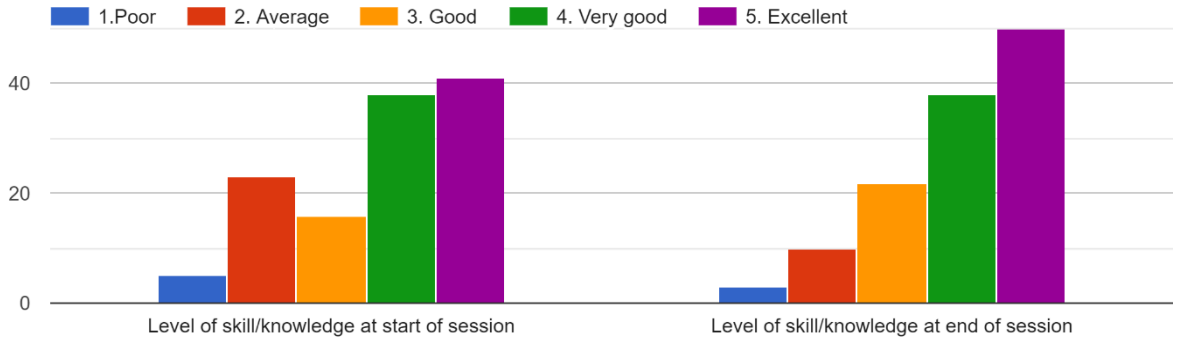
Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

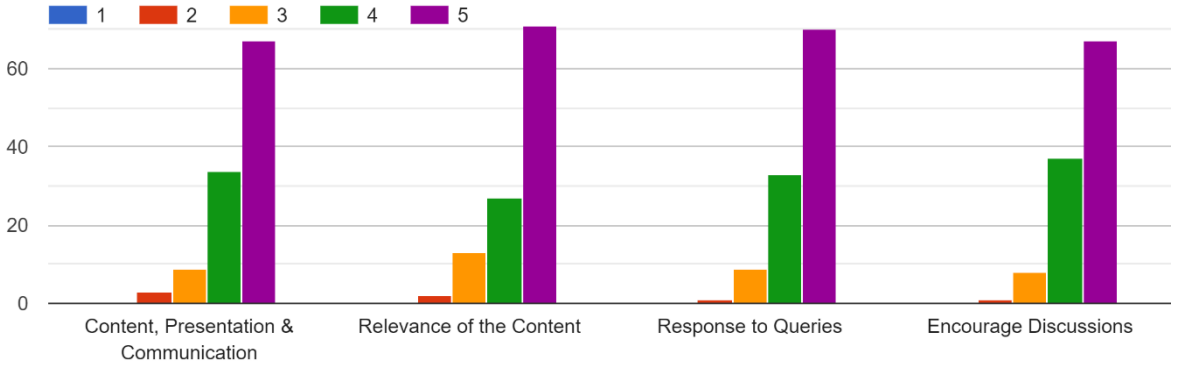
3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Day 2:

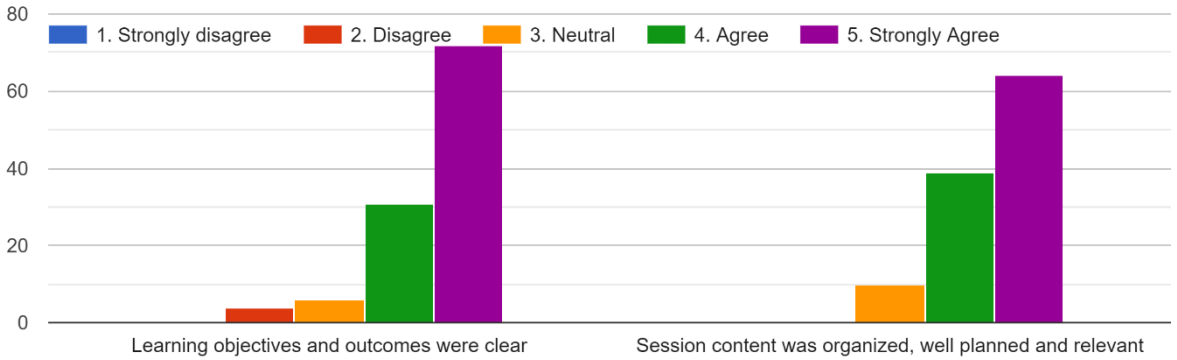
Facilitator Feedback: Dr Bijesh TV

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

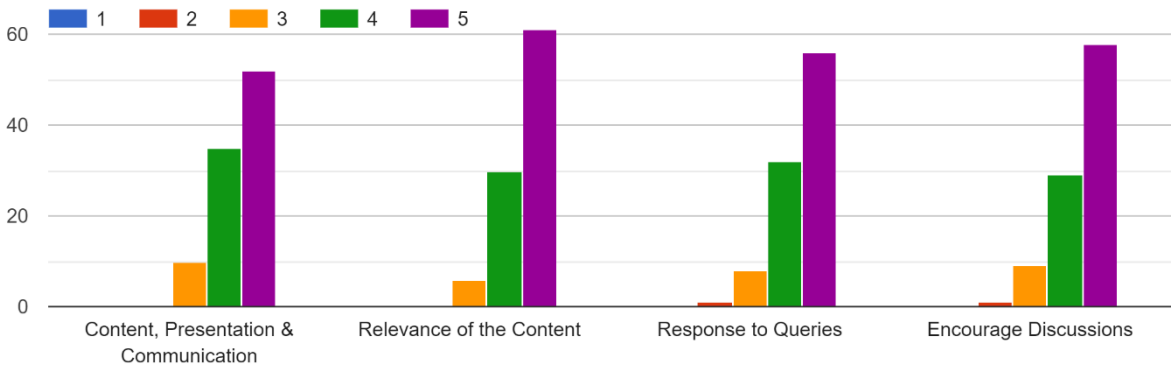
3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Day 3:

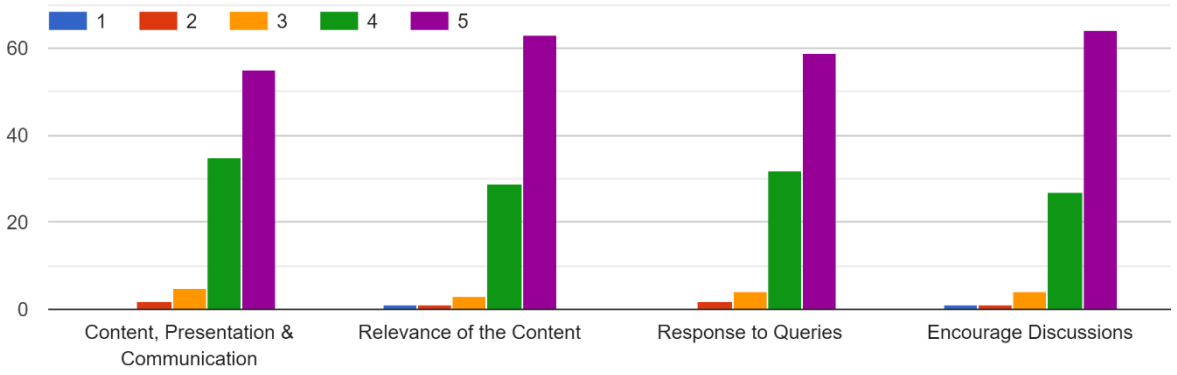
Facilitator Feedback: Dr. Rajesh Kanna

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



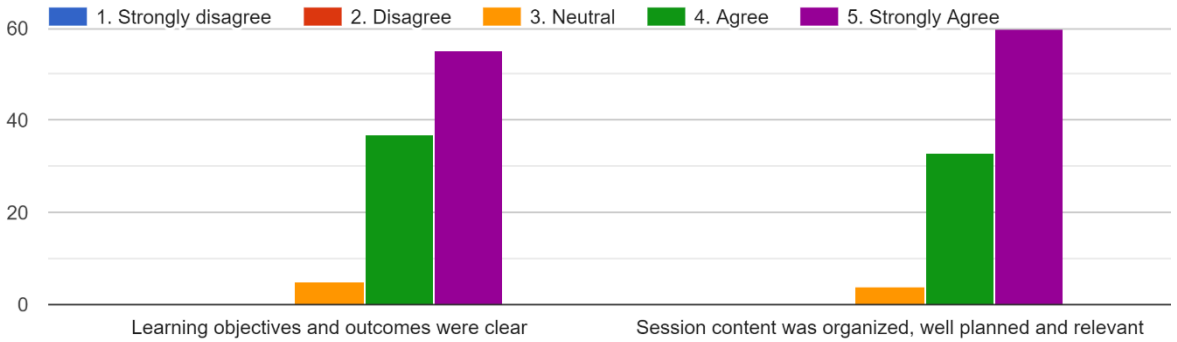
Facilitator Feedback: Dr. Bijeesh T V

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



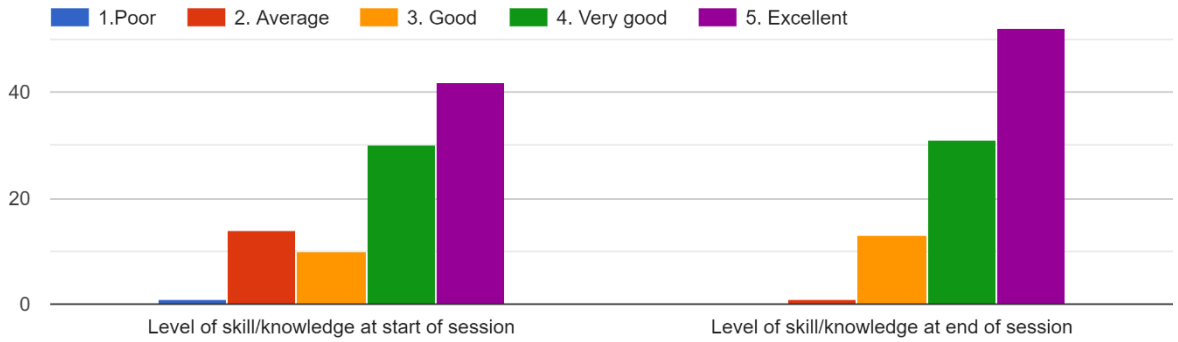
Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

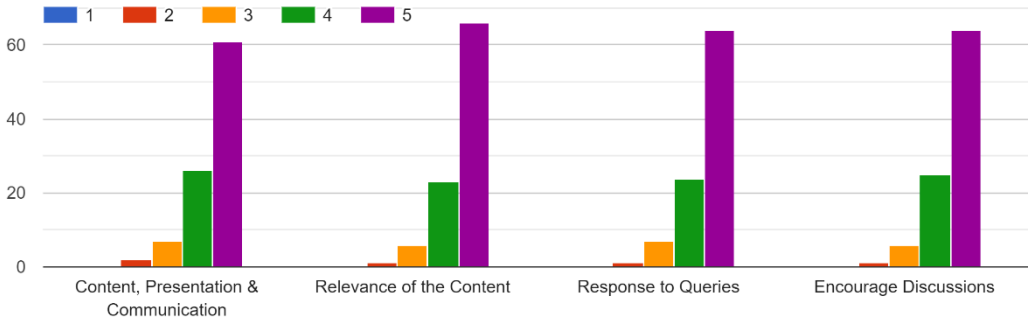
3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Day 4:

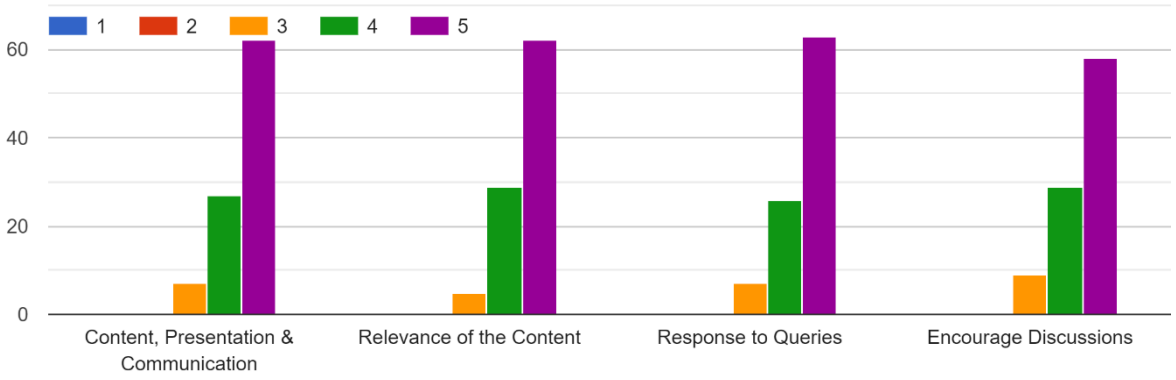
Facilitator Feedback: Ms. Shreya Nair

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



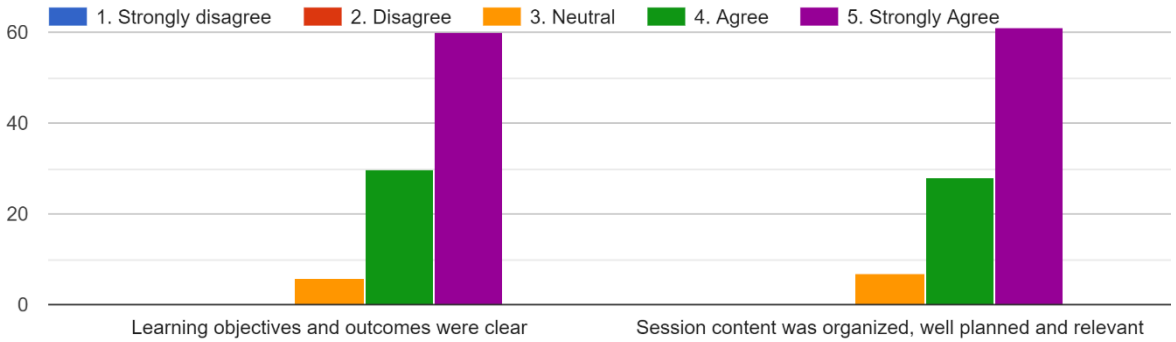
Facilitator Feedback: Dr. Rajesh Kanna

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



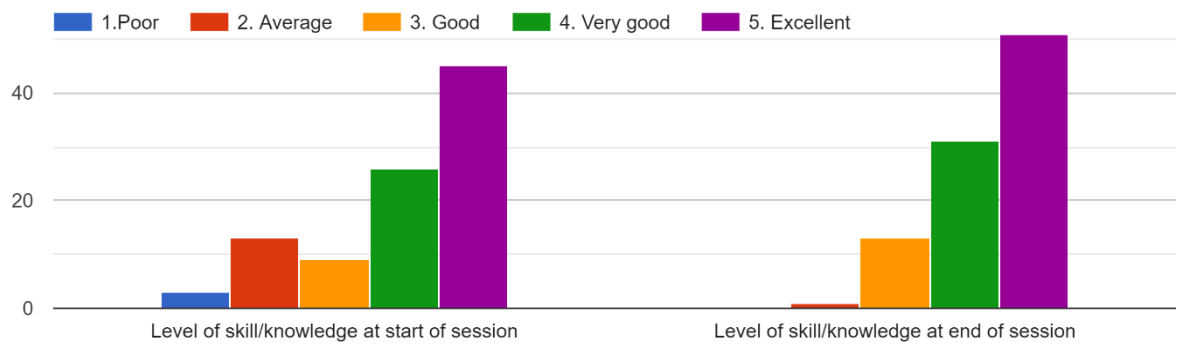
Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

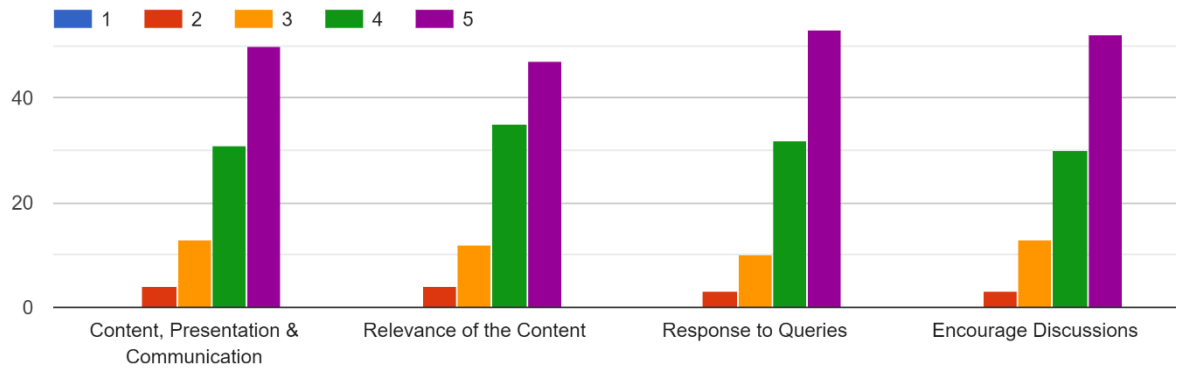
3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Day 5:

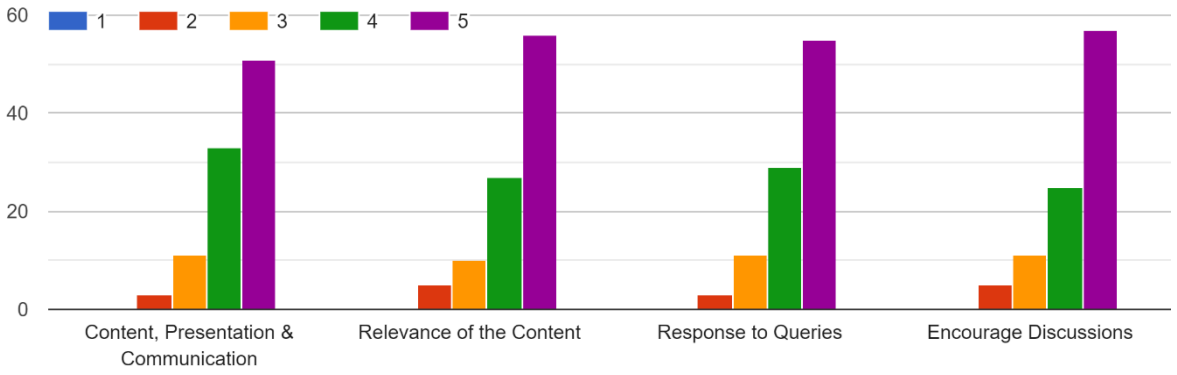
Facilitator Feedback: Mr. Kapil Arora

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



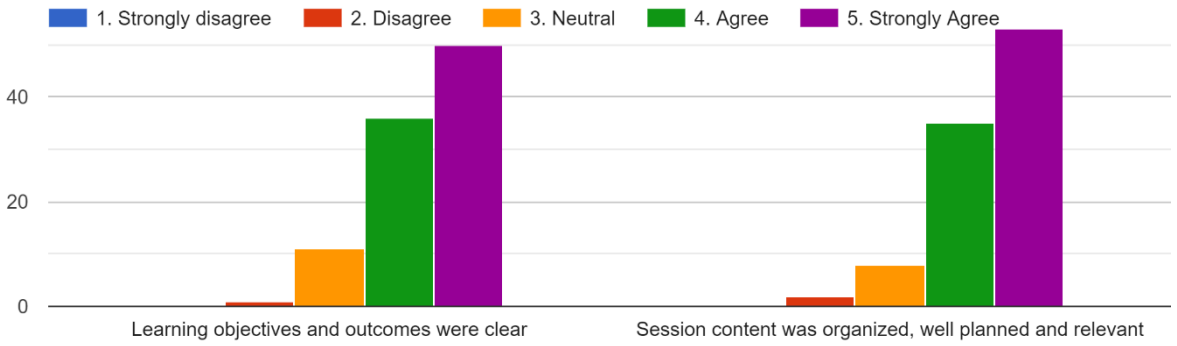
Facilitator Feedback: Prof. Ram B Ramachandran

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



Session Content Feedback:

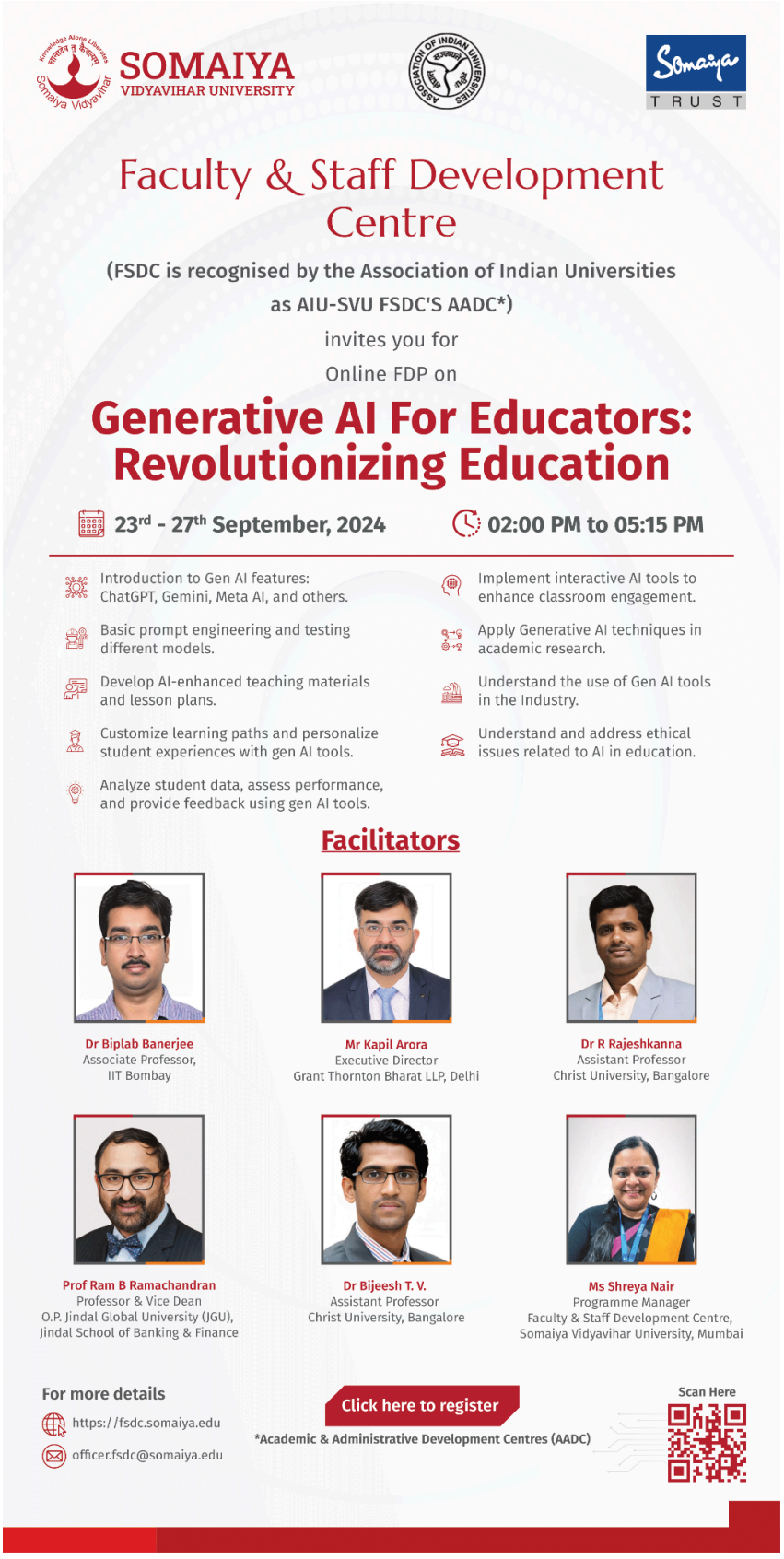
2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)




SOMAIYA VIDYAVIHAR UNIVERSITY
Somaiya TRUST
Faculty & Staff Development Centre
(FSDC is recognised by the Association of Indian Universities as AIU-SVU FSDC'S AADC*)
invites you for
Online FDP on
Generative AI For Educators: Revolutionizing Education
23rd - 27th September, 2024
02:00 PM to 05:15 PM
Introduction to Gen AI features: ChatGPT, Gemini, Meta AI, and others.
Basic prompt engineering and testing different models.
Develop AI-enhanced teaching materials and lesson plans.
Customize learning paths and personalize student experiences with gen AI tools.
Analyze student data, assess performance, and provide feedback using gen AI tools.
Implement interactive AI tools to enhance classroom engagement.
Apply Generative AI techniques in academic research.
Understand the use of Gen AI tools in the Industry.
Understand and address ethical issues related to AI in education.
Facilitators
Dr Biplab Banerjee
Associate Professor,
IIT Bombay
Mr Kapil Arora
Executive Director
Grant Thornton Bharat LLP, Delhi
Dr R Rajeshkanna
Assistant Professor
Christ University, Bangalore
Prof Ram B Ramachandran
Professor & Vice Dean
O.P. Jindal Global University (JGU),
Jindal School of Banking & Finance
Dr Bijeesh T. V.
Assistant Professor
Christ University, Bangalore
Ms Shreya Nair
Programme Manager
Faculty & Staff Development Centre,
Somaiya Vidyavihar University, Mumbai
For more details
https://fsdc.somaiya.edu
officer.fsdc@somaiya.edu
Click here to register
*Academic & Administrative Development Centres (AADC)
Scan Here

Faculty & Staff Development Centre
(AIU-SVU FSDC'S AADC)

Report on the Workshop: Building a Culture of High Performance

Date: 4th- 23rd October 2024

The Faculty & Staff Development Centre (FSDC) organised an workshop titled 'Building a Culture of High Performance' from 4th to 23rd October 2024. The workshop aimed to strengthen organisational culture and improve leadership and communication skills to foster high-performance teams. The programme commenced on 4th October 2024 at 2:00 PM with a formal inauguration and campus prayer. Dr. Preeti Rawat, Director of FSDC, delivered the inaugural address, where she highlighted the importance of cultivating a performance-driven organisational culture and outlined the objectives of the FDP.

This customised programme featured three core sessions, each focusing on distinct aspects of organisational development and communication, designed to make a lasting impact on participants.

Day 1: 4th October 2024
Session:

The session by Dr. Preeti S. Rawat, Director, Faculty & Staff Development Centre, Somaiya Vidyavihar University, Mumbai, aimed to guide the RiiDL team in reflecting on their organizational values to sustain a culture of entrepreneurship and innovation. The session began with an introduction to the concepts and definitions of values and culture. Participants then engaged in discussions to reach a broad consensus on the core values that define RiiDL and their role in shaping organizational culture. The session emphasized how values serve as the foundation for culture-building and introduced practical frameworks for integrating these values into the organization. Additionally, an activity was conducted to help participants understand their preferences for specific values and cultures, correlating them with the desired values identified earlier in the session. This collaborative approach aims to assist the team in aligning their efforts toward evaluating current values and adopting desired values to strengthen RiiDL's entrepreneurial and innovative culture.



Image no: 396



Image no: 397

Day 2: 10th October 2024

Session:

The session on Leadership and Team Effectiveness, conducted by Dr. Preeti S. Rawat, Director, Faculty & Staff Development Centre, Somaiya Vidyavihar University, Mumbai, focused on critical aspects of leadership, teamwork, and organizational dynamics. The agenda included understanding leadership styles, differentiating leaders from managers, and exploring concepts such as distributed leadership and high-performance teams. Further, the Riidl team was asked to identify the leadership styles they felt is most effective for their nature of work. Key insights were shared on the types of teams, their roles, and the stages of team formation. The session highlighted practical exercises to identify complementary skills within teams, fostering collaboration and synergy. Participants explored strategies to build trust, resolve conflicts, and enhance team effectiveness, emphasizing the role of communication and mutual accountability. The session also addressed team dysfunctions, their causes, and strategies for conflict management. High-Performance Teams (HPTs) were discussed in detail, outlining characteristics like adaptability, alignment with goals, and accountability. The session concluded with techniques to evaluate team performance and retrospectives to learn from experiences, enabling continuous improvement. This interactive and insightful session provided participants with insights into creating actionable strategies for enhancing effective leadership and teamwork in diverse contexts.



Image no: 398



Image no: 399

Day 3: 23rd October 2024
Session:

The session, conducted by Ms. Shreya Nair, Program Manager, Faculty & Staff Development Centre, Somaiya Vidyavihar University, Mumbai, focused on enhancing communication skills and workplace etiquette to uphold the team's values and culture while creating a lasting impact on stakeholders. Through engaging activities, the importance of non-verbal communication was also highlighted. It covered verbal and non-verbal communication with team members and external stakeholders, emphasizing inclusiveness, respect, and professional courtesy. Participants explored grooming standards, formal attire, and strategies for effective formal communication and follow-ups. Additionally, the session introduced the creation of standard operating procedures (SOPs) to enhance professional interactions and internal processes. The session concluded with group presentations by participants on their newly created SOPs, followed by suggestions and discussions for refinement. This comprehensive approach provided practical guidance for enhancing the professionalism while aligning with the Centre's ethos.

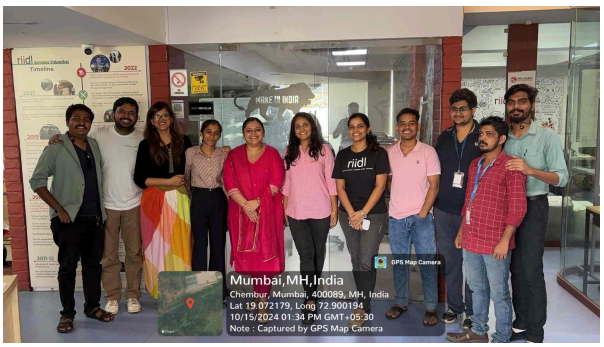


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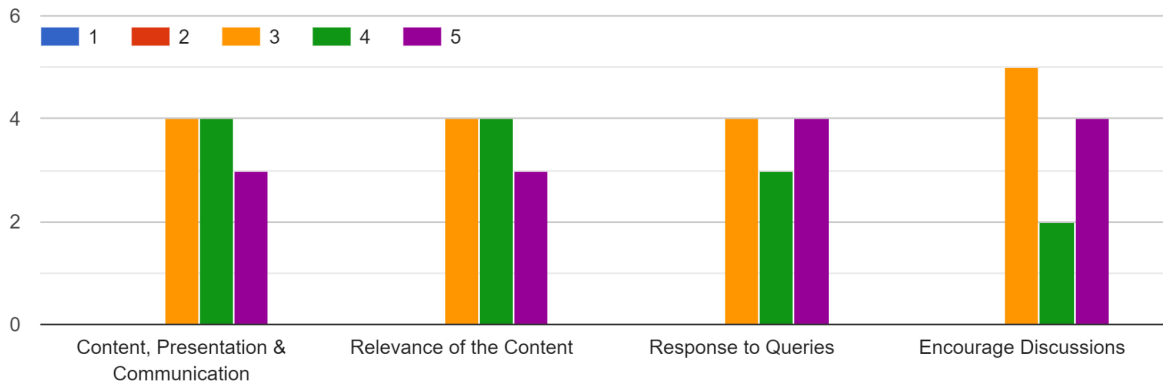
Feedback Analysis :

No of Participants	**11**
Feedback Received	**11**
Facilitator Feedback- Dr. Preeti Rawat	**4.17**
Facilitator Feedback- Ms Shreya Nair	**4**
Overall Feedback Analysis	**4.12**

Day 1:

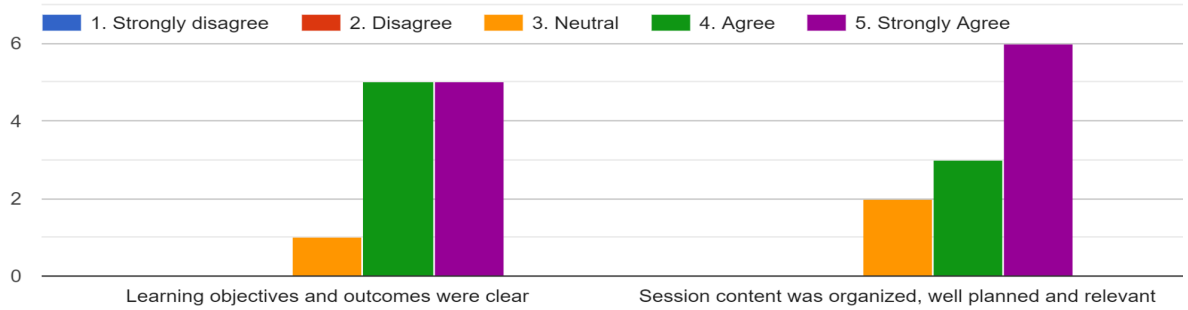
Facilitator Feedback: Dr. Preeti Rawat

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



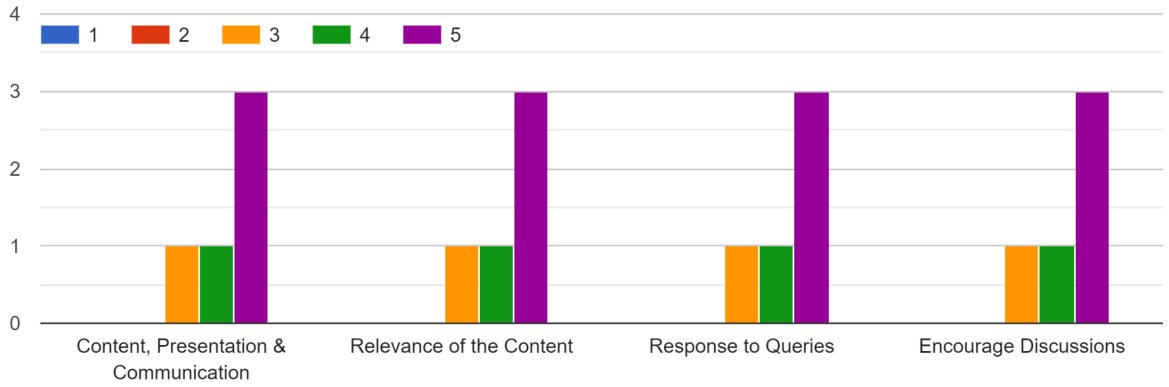
Learning Outcome Analysis:

3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



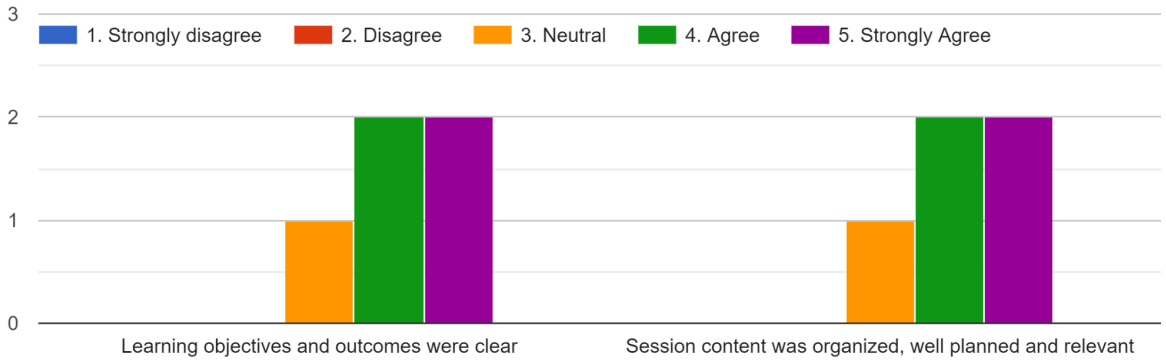
Day 2:
Facilitator Feedback: Dr. Preeti Rawat

1. Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



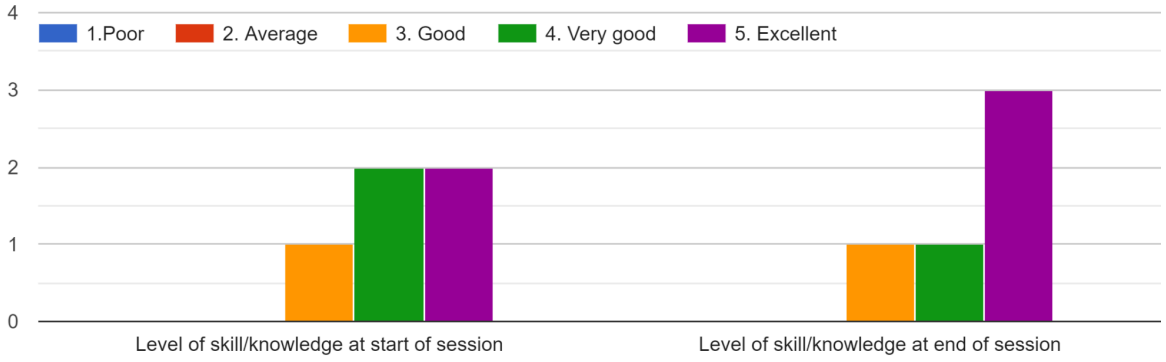
Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

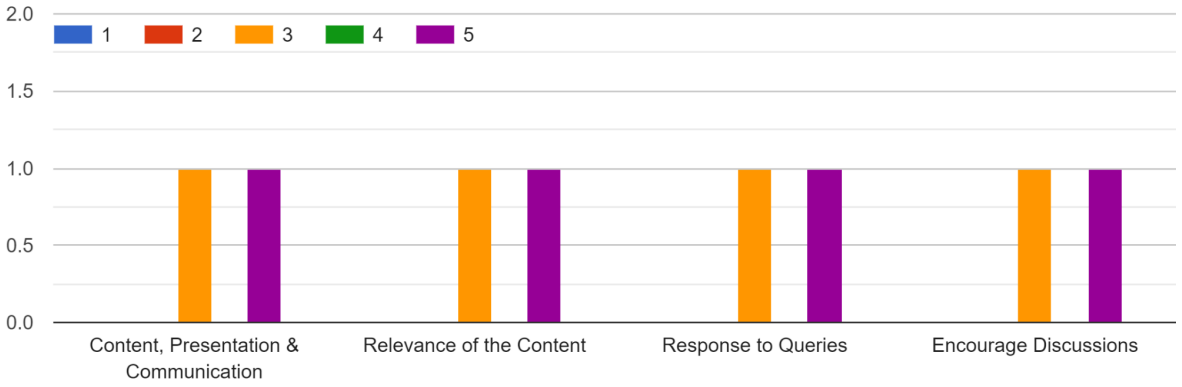
3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Day 3:

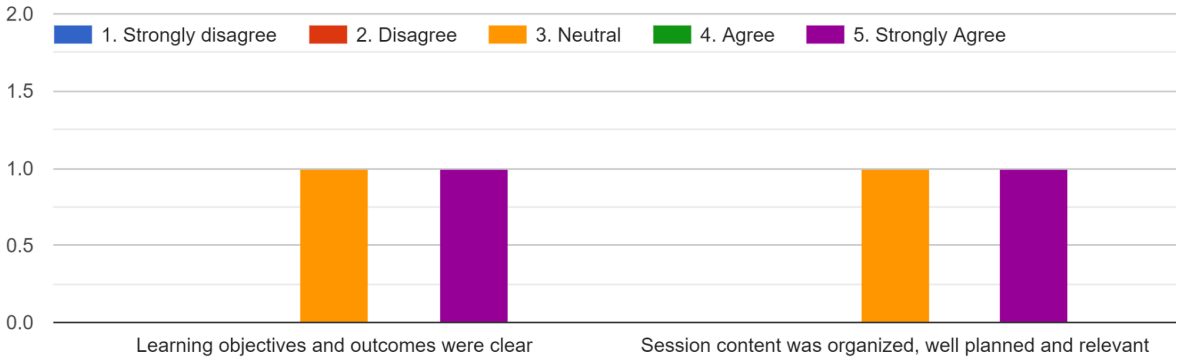
Facilitator Feedback: Ms Shreya Nair

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



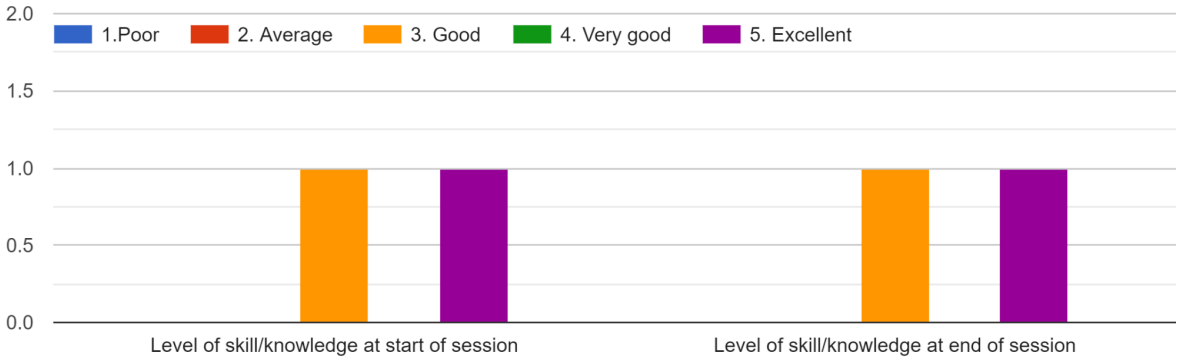
Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Poster of FDP:


SOMAIYA VIDYAVIHAR UNIVERSITY
Somaiya TRUST
Faculty & Staff Development Centre
(FSDC is recognised by the Association of Indian Universities as AIU-SVU FSDC's AADC*)
Invites you for a Workshop on
Building a Culture of High Performance
4th – 23rd October, 2024
Content
My Values, My Culture
Responsible Leadership and High-Performance Team
Sustaining Culture through Effective Communication
Facilitators
Prof Preeti S Rawat
Director,
Faculty and Staff Development Centre,
Somaiya Vidyavihar University
Ms Shreya Nair
Programme Manager,
Faculty and Staff Development Centre,
Somaiya Vidyavihar University
For more details
https://fsdc.somaiya.edu
officer.fsdc@somaiya.edu
Click here to register
*Academic & Administrative Development Centres (AADC)
Scan Here

Faculty & Staff Development Centre (AIU-SVU FSDC'S AADC)

Report on the FDP: Grant Writing Skills for Funded Research

Dated: 12th November 2024

The Faculty & Staff Development Centre (FSDC), Somaiya Vidyavihar University (SVU), recognised by the Association of Indian Universities (AIU) as AIU-SVU FSDC's AADC, organised a one-day Faculty Development Programme (FDP) on Grant Writing Skills for Funded Research on 12th November 2024. This program aimed to equip faculty members with a comprehensive understanding of grant proposal development, enhance proposal writing skills and foster peer collaboration for securing research funding effectively. The FDP started with the campus prayer, followed by the welcome address by Dr. Preeti Rawat, Director, FSDC SVU. The guests were introduced and felicitated. The FDP was facilitated by Prof. Sunita Shailajan, Freelance Technical Expert and Research Project Mentor, and Dr. Sasikumar N. Menon, Director of the Institute of Advanced Research in Interdisciplinary Sciences (TDM Lab), Pune.



Image No: 201



Image No: 202

Session 1: Introduction to Various Funding Agencies

The first session began with an overview of initiating research projects, emphasising essential elements such as planning, proposal design, project timelines, and financial considerations. The facilitators, Prof. Sunita Shailajan and Dr Sasikumar N. Menon provided participants with valuable insights into various funding agencies and their distinct approaches to supporting research initiatives. Practical strategies for project planning and proposal structuring were highlighted, equipping attendees with foundational knowledge for successful grant applications.





Image No: 203 Image No: 204

Session 2: Life Cycle of a Funded Research Project

This second session explored the structural components of a research proposal in depth. The facilitators used detailed case studies and live examples to illustrate the life cycle of a funded research project, from initiation to documenting progress and preparing annual reports. Practical aspects of presenting research progress were discussed, providing participants with actionable insights. The session concluded with an overview of the interactive group activity scheduled for later in the day, setting the stage for collaborative learning.





Image No: 205 Image No: 206

Session 3: Project Planning and Proposal Writing (Group Activity)

Following the lunch break, participants engaged in an interactive group activity, where they were divided into groups based on their subject area expertise. Participants were tasked with crafting grant proposals that were addressed based on real-world research problems with subject-specific research. Each group was provided with a research paper to serve as a

reference for their proposals. During this session, participants collaborated to strategise, plan, and develop proposal aids, enhancing their ability to design and present practical grant proposals. This hands-on exercise fostered teamwork and practical application of the skills discussed during the sessions.





Image No: 207 Image No: 208

Session 4: Presentations and Evaluation

The final session, from 4:00 PM to 5:30 PM, featured participant presentations of their crafted grant proposals. Each group was allotted 7 minutes to present their proposals, showcasing their problem-solving approach and proposed solutions. The facilitators provided constructive feedback, offering suggestions to refine the proposals and enhance presentation techniques. This session provided participants with hands-on experience in grant writing, fostering practical discussions around the challenges encountered during the preparation and presentation of grant proposals. The facilitators took the role of the grant panel, where they gave constructive feedback to improve and resolve the minor issues faced by participants in crafting their proposals.





Image No: 209 Image No: 210

Conclusion:

The FDP concluded with closing remarks summarising the key learnings from the day's sessions. Gratitude was expressed to the facilitators and the participants for their dedicated efforts in making the program a success. Participants shared positive feedback, highlighting the program's effectiveness in enhancing their grant-writing skills and fostering a deeper understanding of proposal development and research funding.



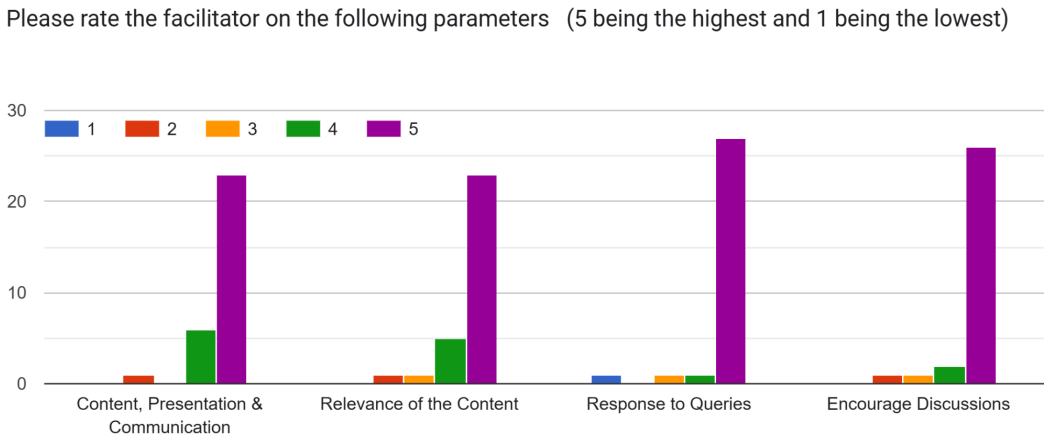


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Feedback Analysis:

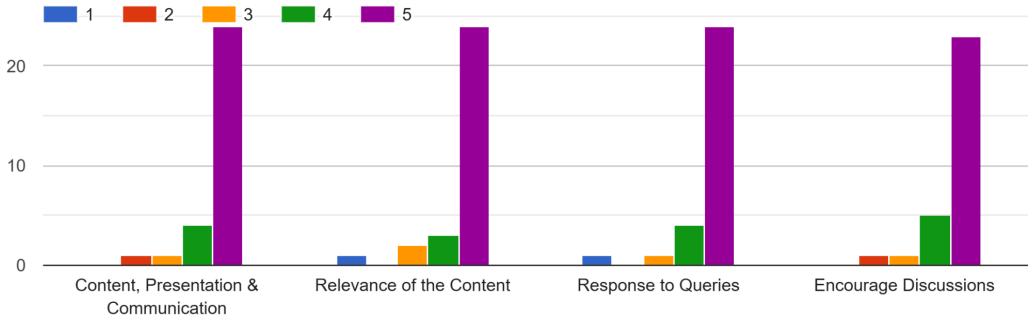
No of Participants	**32**
Feedback Received	**30**
Facilitator Feedback: Prof Sunita Shailajan	**4.7**
Facilitator Feedback: Dr Sasikumar N Menon	**4.67**
Overall Feedback Analysis	**4.6**

Facilitator Feedback: Prof Sunita Shailajan



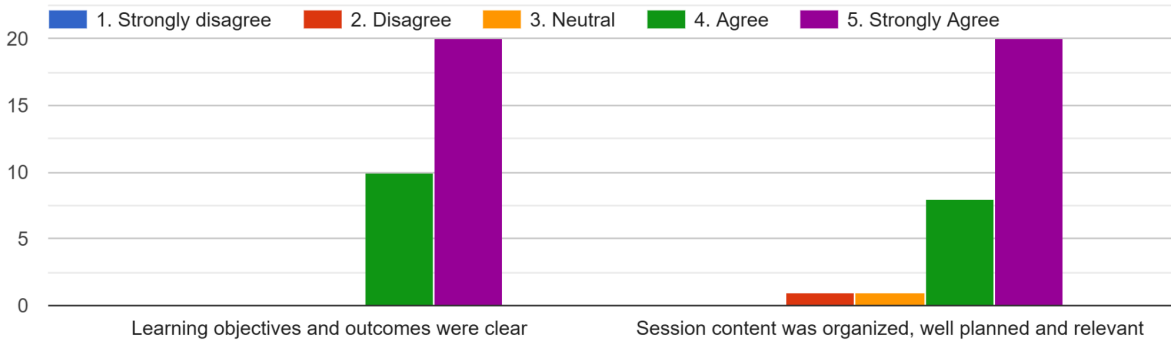
Facilitator Feedback: Dr Sasikumar N Menon

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



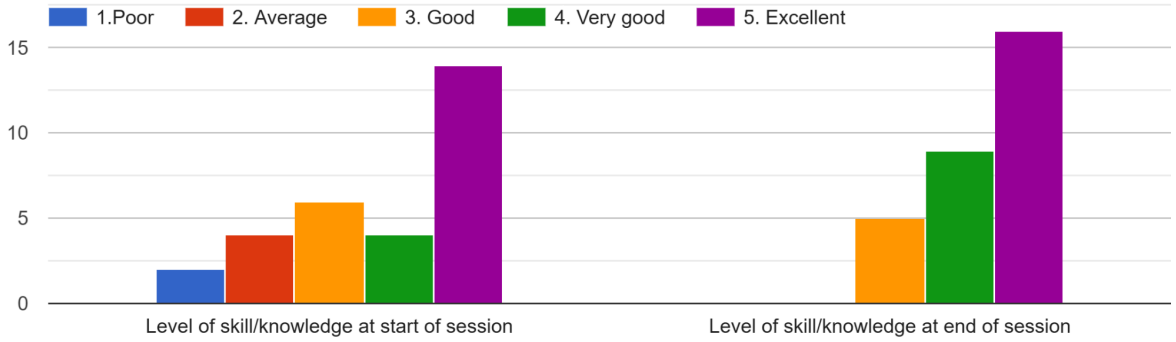
Session and Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Poster of the FDP


SOMAIYA VIDYAVIHAR UNIVERSITY
Somaiya TRUST
Faculty & Staff Development Centre
(FSDC is recognised by the Association of Indian Universities as AIU-SVU FSDC's AADC)
Invites you for
Faculty Development Programme on
Grant Writing Skills
For Funded Research
Content
Overview of funding opportunities
Components of a successful grant proposal
Strategies for selecting the right funding opportunity
Proposal structure & formatting
Peer review for proposal improvement
Tips for effective writing techniques and successful submission
Facilitators
Prof Sunita Shailajan
Freelance Technical Expert & Research Project Mentor; (Former) Dean of Research and Head, Department of Botany, Ruia College, Matunga
Dr Sasikumar N Menon
Director
Institute for Advance Training and Research in Interdisciplinary Sciences.
12th November, 2024
10:00 am - 5:00 pm
Room No. 201, Chanakya Building, KJ Somaiya Institute of Management, Vidyanagar, Vidya Vihar East, Mumbai.
For more details:
officer.fsdc@somaiya.edu
022 6973 6140 | 022 6728 3051
Click here to register
*Academic & Administrative Development Centres (AADC)

Faculty & Staff Development Centre (AIU-SVU FSDC'S AADC)

In Collaboration With

UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC)

Report on the FDP: Implementation Strategies for NEP: Focus on Outcome-Based Education

Dated: 14th – 19th November 2024

The Faculty & Staff Development Centre (FSDC) of Somaiya Vidyavihar University (SVU), in collaboration with the UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), successfully organised a six-day hybrid Faculty Development Program (FDP) on *Implementation Strategies for NEP: Focus on Outcome-Based Education*. The program, conducted from 14th to 19th November 2024, provided an in-depth understanding of the National Education Policy (NEP) 2020 and strategies for Outcome-Based Education (OBE). This event brought together distinguished speakers and educators from various institutions across India, encouraging meaningful discussions and hands-on learning.

Date:14th November 2024

The FDP commenced with an inauguration ceremony, playing the Somaiya campus prayer. Prof. V. N. Rajasekharan Pillai, Vice Chancellor of Somaiya Vidyavihar University, delivered the welcome address and extended a warm welcome to the UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC) and emphasised the importance of this collaborative initiative. The event commenced with a keynote address by Prof. Ved Prakash, Former Chairman of UGC and Chancellor of KIIT University, Bhubaneswar. His address, titled Challenges of NEP and Global Trends, emphasised the transformative potential of NEP-2020 in reshaping higher education to meet the demands of an evolving global landscape. Prof. Vimal Rarh, Director of UGC-MMTTC and Professor at SGTB Khalsa College, University of Delhi, followed with an insightful overview of the program's objectives, highlighting the synergy between UGC-MMTTC and FSDC in driving academic excellence. Prof. Gurmohinder Singh, Principal of SGTB Khalsa College, University of Delhi, elaborated on how NEP-2020 aligns with global education standards, emphasising its significance in transforming higher education. Prof. A. K. Bakhshi, Founding Vice-Chancellor of PDM University, Haryana, discussed the paradigm shifts essential for implementing Outcome-Based Education, stressing its relevance in today's educational framework. Adding to the discussions, Prof. Bhibhu Prasad Sahoo, Professor, Department of Commerce, Sri Guru Tegh Bahadur Khalsa College, University of Delhi, a distinguished educationist, shared valuable insights on the evolving landscape of education in the NEP era. Finally, Dr. Arun

Julka, Associate Professor at Maharaja Agrasen College, University of Delhi, an expert in curriculum design and pedagogy, provided a comprehensive perspective on the operational challenges and opportunities in realising the objectives of NEP-2020. Additionally, the event concluded with a felicitation ceremony where the esteemed speakers were honoured for their valuable contributions to the field of education and their commitment to advancing the vision of NEP-2020.





Image No: 213 Image No: 214

Session 1: Holistic and Multidisciplinary Education

This session, led by Prof. Ved Prakash, Former Chairman of UGC and Chancellor, KIIT University, Bhubaneswar, introduced participants to the transformative vision of the National Education Policy (NEP) 2020. Prof. Prakash discussed the integration of diverse disciplines into cohesive educational frameworks, highlighting the critical role of subject-specific benchmarking in achieving academic excellence.

He emphasized how such benchmarks not only define and measure learning outcomes but also serve as a foundation for creating dynamic and interdisciplinary curricula. By aligning educational strategies with NEP's objectives, Prof. Prakash underscored the importance of fostering adaptability, critical thinking, and problem-solving skills, ensuring students are prepared to thrive in a global, ever-evolving landscape.





Image No: 215 Image No: 216

Session 2: Implementation Strategies for Outcome-Based Education

Implementation Strategies for Outcome-Based Education

In this session by Prof. Vimal Rarh, Director, UGC MMTTC and Professor, Department of Chemistry, SGTB Khalsa College, University of Delhi, participants gained a practical understanding of how to design and implement Outcome-Based Education (OBE) in their institutions. The session highlighted frameworks for curriculum mapping and aligning learning outcomes with graduate attributes, emphasising the need to ensure that teaching strategies are aligned with desired outcomes. Prof. Rarh also discussed the importance of continuous assessment and feedback mechanisms to track student progress and make necessary adjustments. Additionally, the session covered the role of faculty in effectively implementing OBE, ensuring a student-centred approach that enhances learning and fosters academic excellence.





Image No: 217 Image No: 218

Sessions 3 & 4: Research Process and Plagiarism Tools

This session, led by Prof. Bibhu Sahoo, Professor, Department of Commerce, Sri Guru Tegh Bahadur Khalsa College, University of Delhi, addressed the ethical aspects of academic research, demonstrating tools for plagiarism detection and best practices in research writing. Prof. Sahoo spoke about the importance of proper referencing styles and citation types, emphasising how adherence to these standards ensures academic integrity. He also discussed various forms of plagiarism, offering practical advice on avoiding unintentional plagiarism by adequately crediting sources. Prof. Sahoo's expertise provided participants with actionable methods to enhance the quality of academic research and encouraged a deeper understanding of research ethics.



Image No: 219

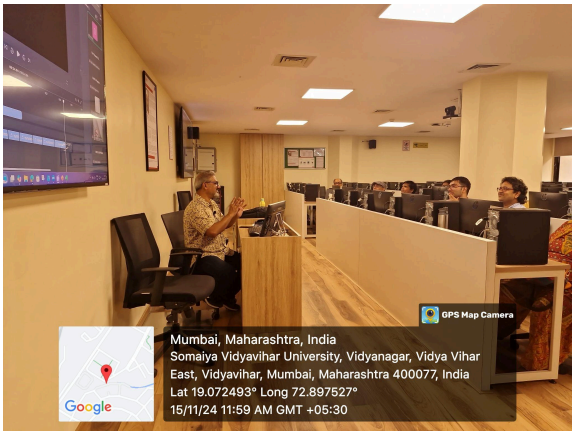


Image No: 220

Date: 15th November 2024

Session 1: ICT Tools and Learner-Centric Pedagogies

The first session, led by Dr. Arun Julka, Associate Professor at Maharaja Agrasen College, University of Delhi, emphasised innovative ICT tools and pedagogical approaches such as the flipped classroom model. The session conducted in a lab setting provided participants with hands-on training in leveraging technology to create engaging and learner-centric educational experiences. Dr. Julka also introduced faculty to tools for developing their own video lessons using accessible AI-powered platforms and user-friendly applications like PowerPoint and video editing software. This practical approach equipped educators with the skills to produce dynamic, self-created digital content tailored to their teaching objectives.



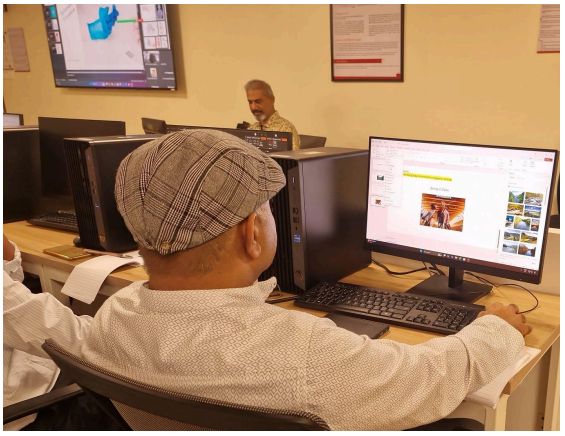


Image No: 221 Image No: 222

Session 2: Subject Benchmarking of Learning Outcomes

The sessions led by Prof. Ved Prakash, Former Chairman of UGC and Chancellor of KIIT University, Bhubaneswar, offered an in-depth exploration of the National Education Policy (NEP) 2020's transformative approach to holistic and multidisciplinary education. In the first session, Prof. Prakash introduced participants to the foundational principles of integrating diverse disciplines into cohesive educational frameworks, emphasising the subject-specific benchmarking of learning outcomes as a cornerstone of academic excellence.

Building on this, the second session delved deeper into practical applications, where Prof. Prakash elaborated on designing graduate attributes, program learning outcomes, and course learning outcomes to align with NEP's objectives. He highlighted the inclusion of 21st-century skills such as critical thinking, problem-solving, and digital literacy, ensuring students are equipped for a rapidly changing global environment. Additionally, the session explored strategies to foster interdisciplinary and multidisciplinary learning while maintaining academic rigour and adaptability in course design.

Prof. Prakash stressed the importance of creating feedback loops involving diverse stakeholders—students, faculty, and industry experts—to continually refine and enhance learning outcomes. By providing practical tools and actionable insights, the sessions empowered educators to align curricula with national and global benchmarks, paving the way

for a dynamic and future-ready educational system.





Image No: 223 Image No: 224

Session 3: Assessments for Outcome-Based Education

In this session, Prof. Vimal Rarh outlined comprehensive assessment strategies tailored to Outcome-Based Education (OBE), emphasising the importance of aligning assessments with clearly defined learning outcomes. She delved into the development and use of rubrics as a structured framework for evaluating student performance, ensuring transparency and consistency. Participants were introduced to project-based assessments, which encourage experiential learning by engaging students in real-world challenges and applications. Additionally, she highlighted best practices for designing formative and summative assessments, integrating technology to track progress, and ensuring that assessment methods support the holistic development of students. The session provided actionable insights for educators aiming to enhance the efficacy and accountability of their teaching methodologies in an OBE framework.





Image No: 225 Image No: 226

Session 4: Quality of Education in the 21st Century

In this session, Prof. A. K. Bakhshi, Vice Chancellor, PDM University, provided an overview of the challenges and opportunities in modern education, emphasising the need for quality benchmarks and lifelong learning. He underscored the importance of integrating emerging technologies such as AI and data analytics into teaching methodologies to enhance learning outcomes. Additionally, Prof. Bakhshi advocated for fostering a culture of continuous professional development among educators to meet the evolving demands of the 21st-century learner.

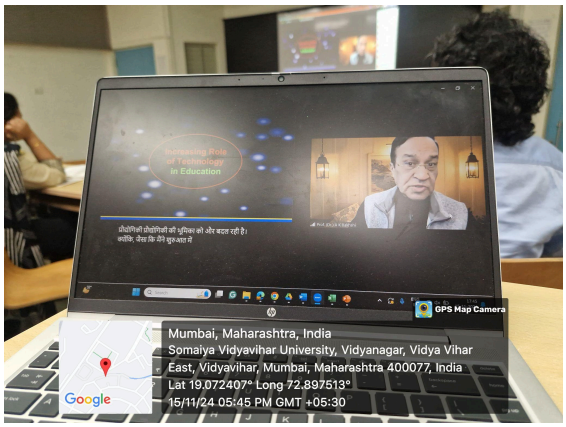
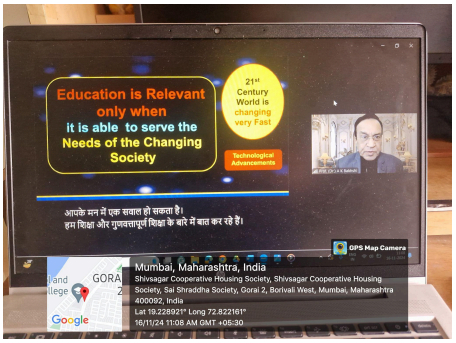




Image No: 227 Image No: 228

Date: 16th November 2024
Session 1: Higher Education Reforms and 21st-Century Skills

This extended session by Prof. A. K. Bakhshi, Vice Chancellor, PDM University, discussed reforms in higher education aligned with NEP-2020, focusing on developing 21st-century skills necessary for students' future success. Prof. Bakhshi emphasised critical thinking, creativity, collaboration, and digital literacy as foundational competencies in the modern educational landscape. He also highlighted the role of multidisciplinary approaches and experiential learning in preparing students to navigate complex global challenges effectively.



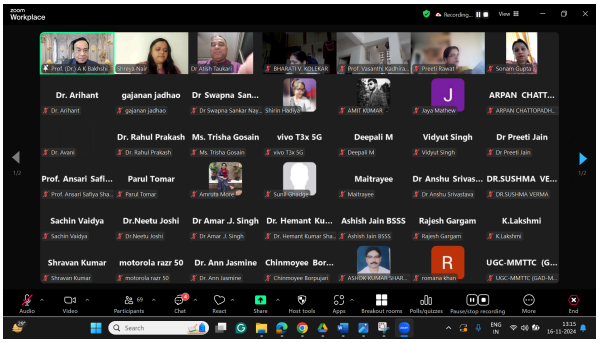
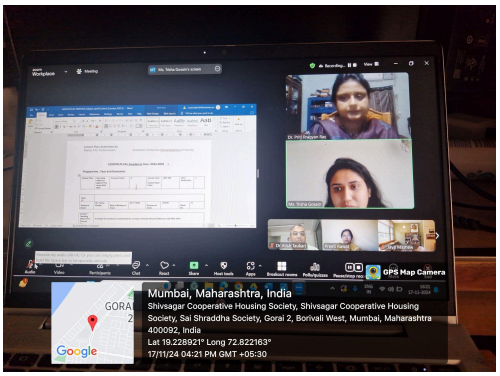


Image No: 229 Image No: 230

Date: 17th November 2024

Project Presentations

Participants showcased what they had learned through project presentations, applying the strategies discussed during the previous sessions. This session encouraged peer learning and collaborative feedback, fostering a deeper understanding of innovative teaching practices. Participants also presented detailed lesson plans they had created, integrating the tools and strategies introduced during the FDP. These plans highlighted their commitment to making classrooms more experiential. As part of the assignment, participants were tasked with marking and providing constructive feedback on each other's work. This peer learning component not only helped them reflect on their own approaches but also encouraged critical thinking, as they assessed and learned from their peers' lesson plans and teaching strategies.



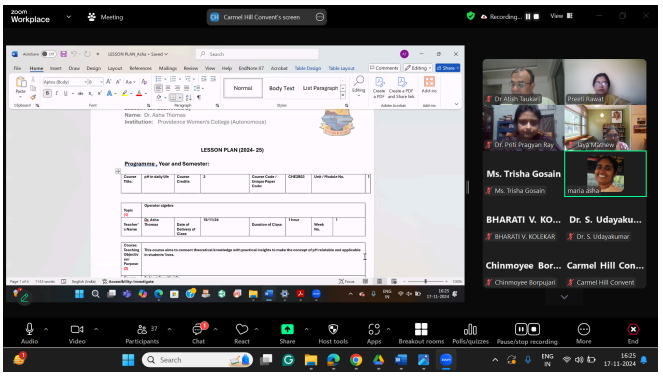


Image No: 231 Image No: 232

Date: 18th November 2024

Session 1 & 2 : Research Writing and Plagiarism

These sessions, covered by Dr. Preeti Rawat, Director, FSDC, SVU, covered the essentials of academic writing, focusing on ethical research practices and plagiarism prevention. Participants engaged in hands-on exercises to refine their skills, learning how to cite sources and ensure originality in their work properly. Dr. Rawat also emphasised the importance of maintaining academic integrity in research, providing tools and resources to help participants

avoid common pitfalls and uphold scholarly standards.



Image No: 233



Image No: 234

Sessions 3 & 4: Outcome-Based Education and CO-PO Mapping

Dr. Gulshan Shaikh, Vice Principal at St Xavier's College, Mumbai introduced the concept of Course Outcomes (CO) and Program Outcomes (PO), demonstrating mapping techniques to ensure alignment with institutional goals. She guided participants through the process of designing curriculum and assessments that align with these outcomes, fostering a deeper understanding of how to measure student success. Additionally, Dr. Shaikh emphasised the importance of continuous evaluation and feedback in refining these mappings to enhance teaching effectiveness and overall educational quality.



Image No: 235



Image No: 236

Date: 19th November 2024

Session I: ICT Empowered Learner-Centric Pedagogies including the Flipped-Classroom Model

This session by Dr. Pooja Birwatkar, Principal, K.J. Somaiya College of Education, focused on integrating ICT tools to enhance learner engagement and create an interactive classroom environment. Dr. Birwatkar introduced participants to advanced strategies for implementing the flipped-classroom model, where students engage with course material before class through digital resources, and classroom time is used for active learning and problem-solving.

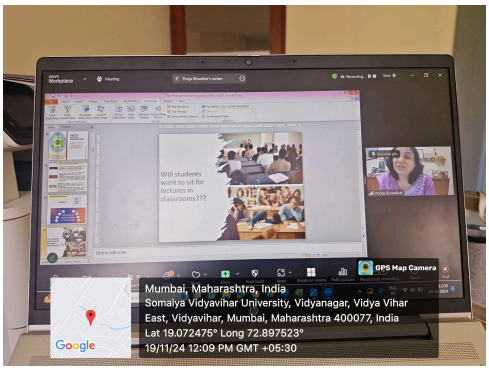


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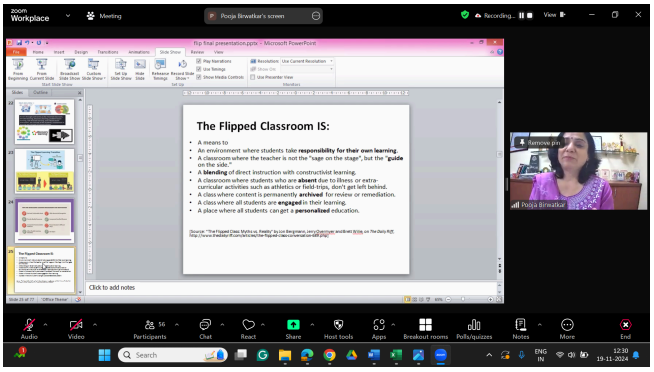
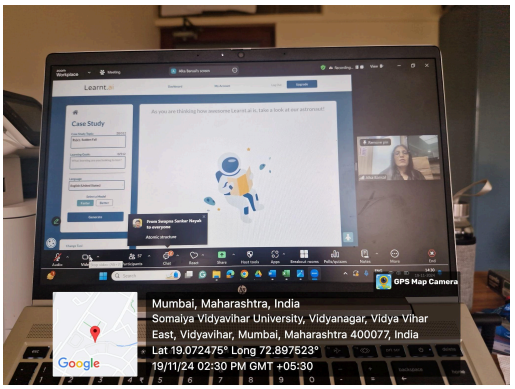


Image No: 238

Session II: AI tools for teaching

This session by Ms. Alka Bansal, Academic Director at Warden Education Technologies, Mumbai, which delved into the use of *AI tools for teaching*. Ms. Bansal explored how artificial intelligence can revolutionise educational practices, introducing tools that personalise learning experiences, enhance student assessments, and automate administrative tasks. The session provided practical insights into integrating AI into everyday teaching practices to make education more effective and efficient.



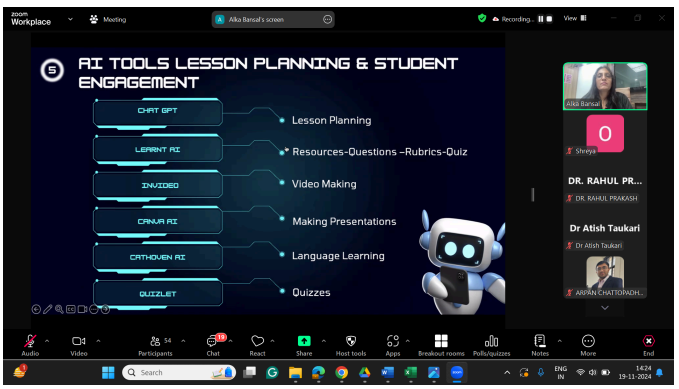
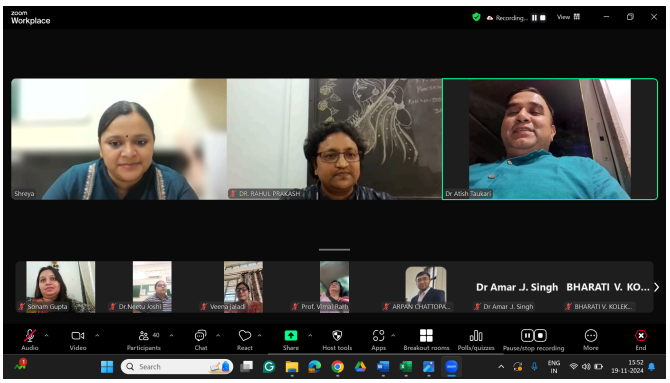


Image No: 239 Image No: 240

Conclusion:

The Valedictory Session marked the official closure of the event, featuring reflections on the entire program and summarising the key takeaways. Participants shared how the sessions had enhanced their teaching practices, highlighting the practical applications of new tools and strategies. The session concluded with Ms. Shreya Nair, Program Manager at FSDC, SVU, expressing gratitude to all the facilitators for their invaluable contributions. Prof. Vimal Rarh emphasised the importance of continuous learning and updating one's skills to stay relevant in the evolving educational landscape, followed by participants providing feedback on how the program had helped them enhance their teaching methods and pedagogical approach.



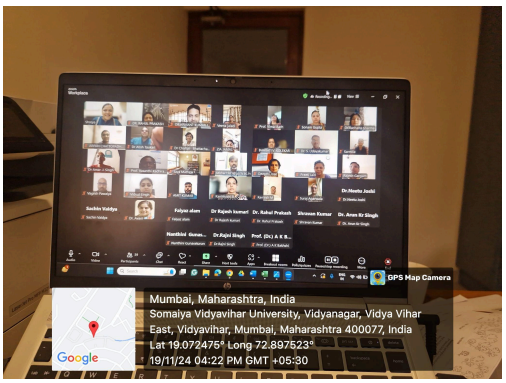


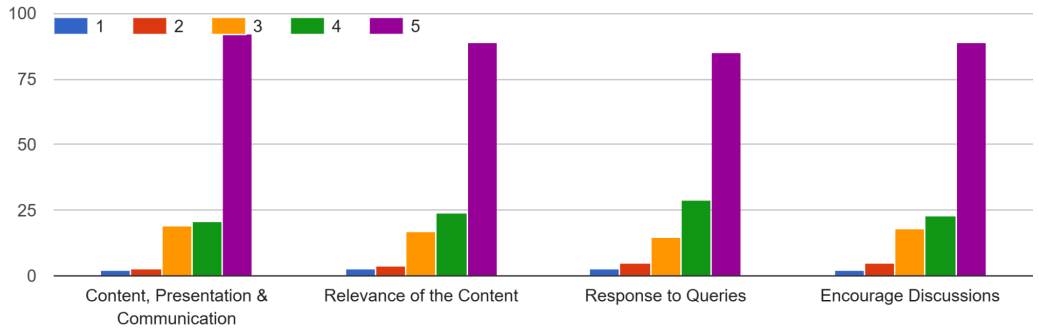
Image No: 241 Image No: 242

Feedback Analysis:

No of Participants	**146**
Feedback Received	**137**
Facilitator Feedback: Prof. Vimal Rarh	**4.47**
Facilitator Feedback: Prof. Ved Prakash	**4.44**
Facilitator Feedback: Prof. Bibhu Sahoo	**4.56**
Facilitator Feedback: Dr. Arun Julka	**4.44**
Facilitator Feedback: Prof. A K Bakhshi	**4.67**
Facilitator Feedback: Dr Preeti Rawat	**4.56**
Facilitator Feedback: Dr. Gulshan Shaikh	**4.63**
Facilitator Feedback: Dr Pooja Birwatkar	**4.69**
Facilitator Feedback: Ms Alka Bhansal	**4.68**
Overall Analysis:	**4.57**

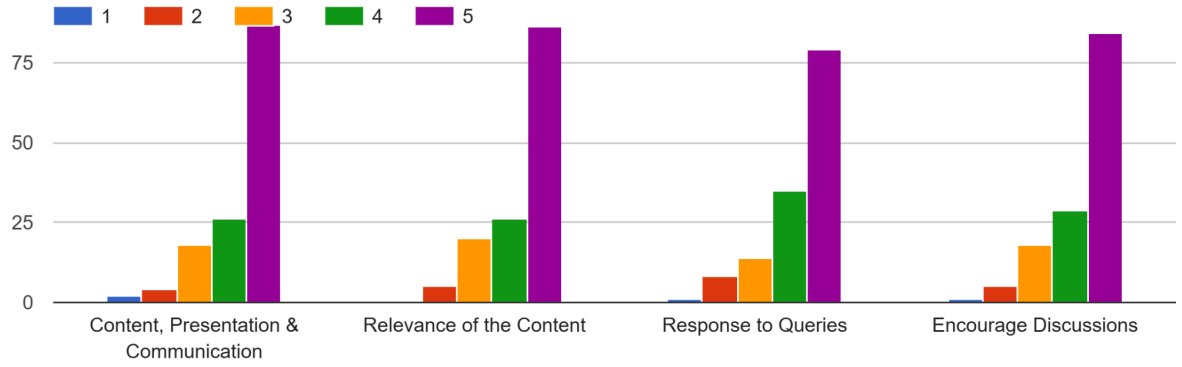
Day 1:
Facilitator Feedback: Prof. Vimal Rarh

1. Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)

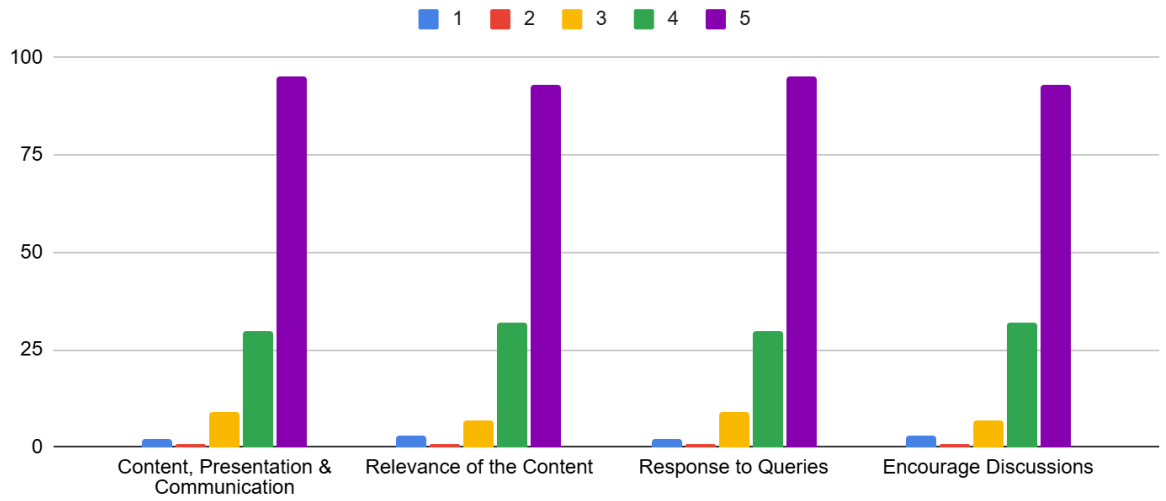


Facilitator Feedback: Prof. Ved Prakash

1. Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)

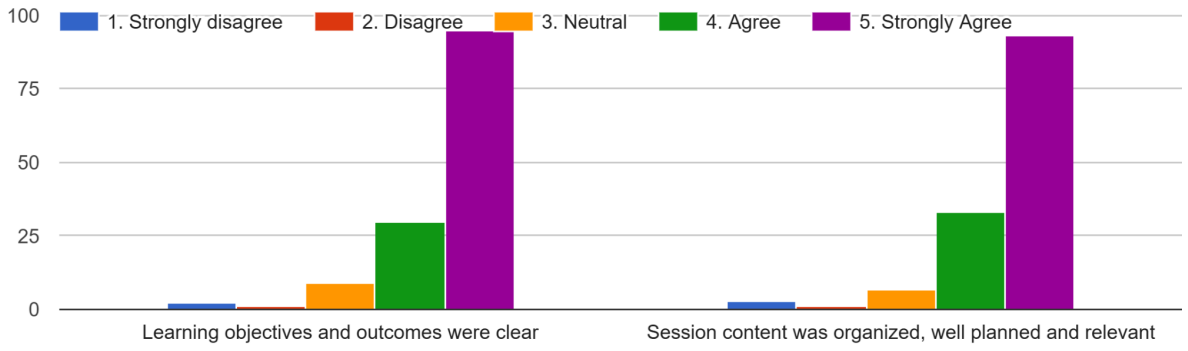


Facilitator Feedback: Prof. Bibhu Sahoo



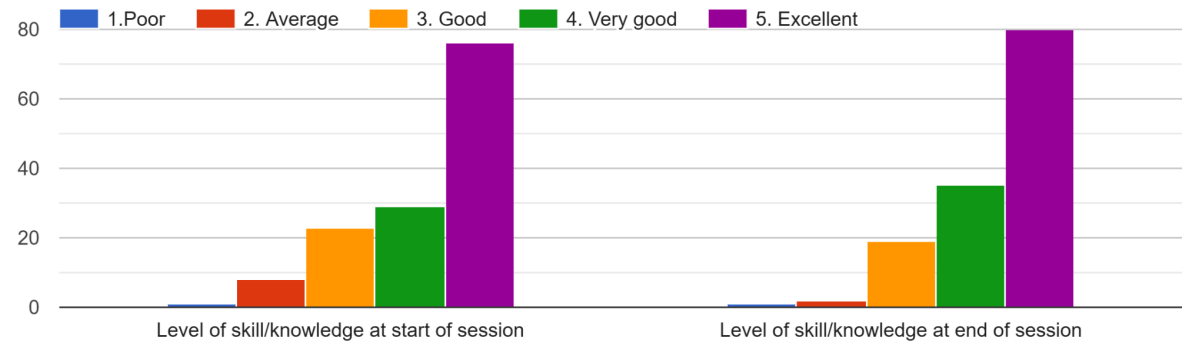
Session Content Feedback :

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Feedback:

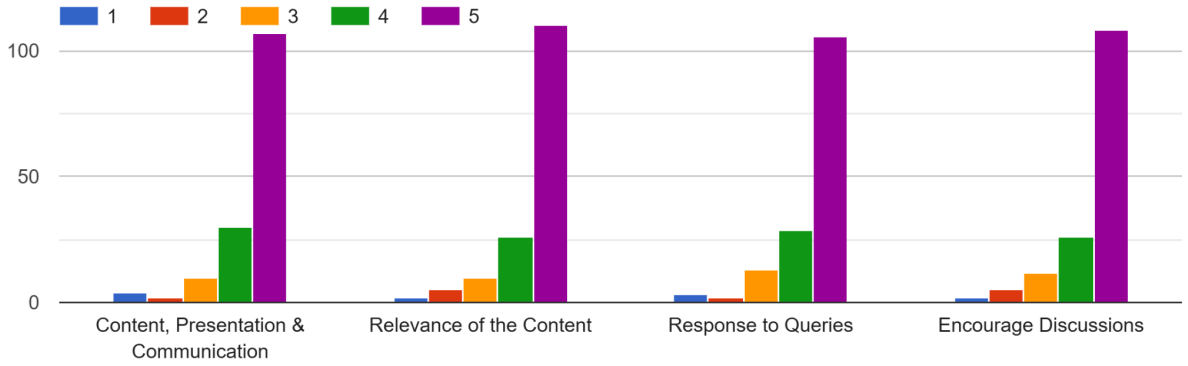
3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Day 2:

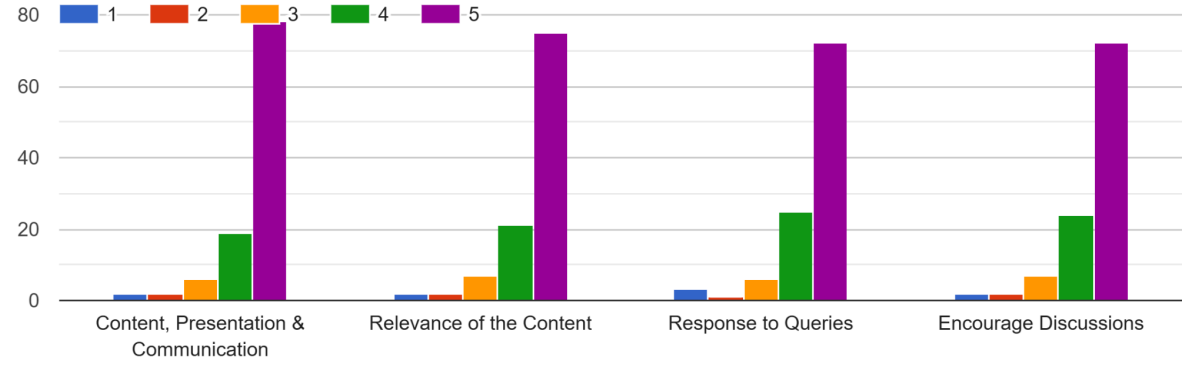
Facilitator Feedback: Prof. Vimal Rarh

1. Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



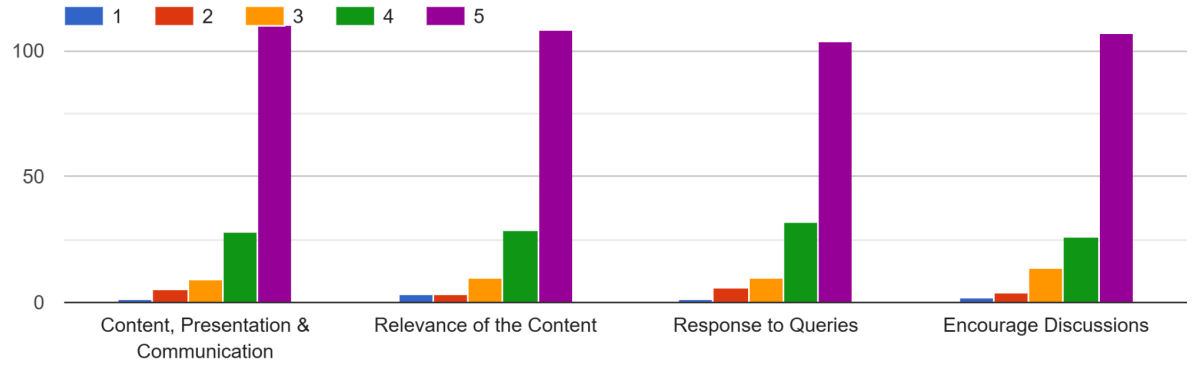
Facilitator Feedback: Prof. Ved Prakash

1. Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)

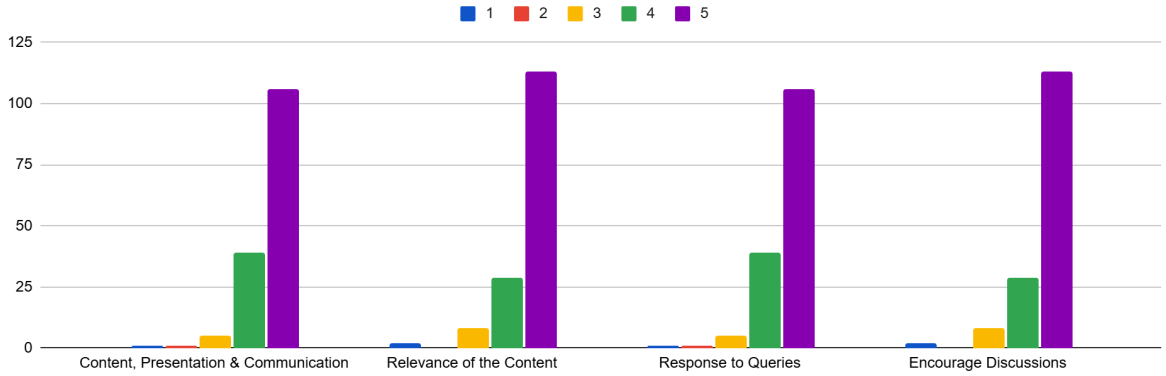


Facilitator Feedback: Dr. Arun Julka

1. Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)

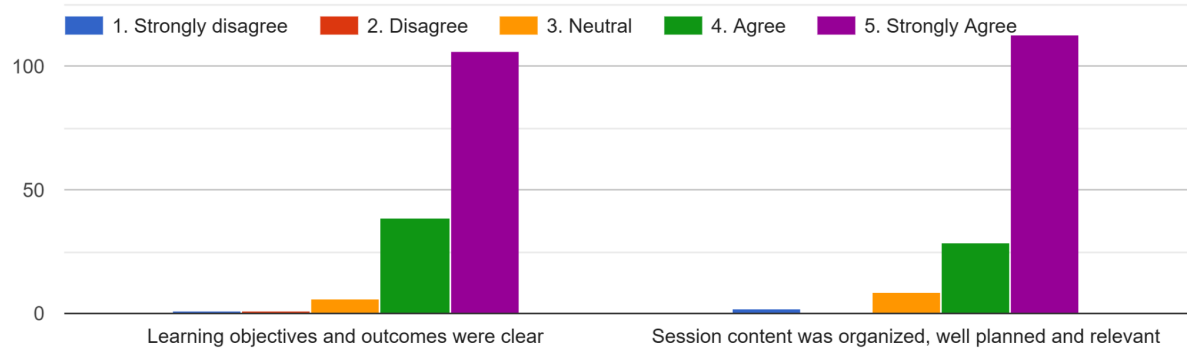


Facilitator Feedback: Prof. A K Bakhshi



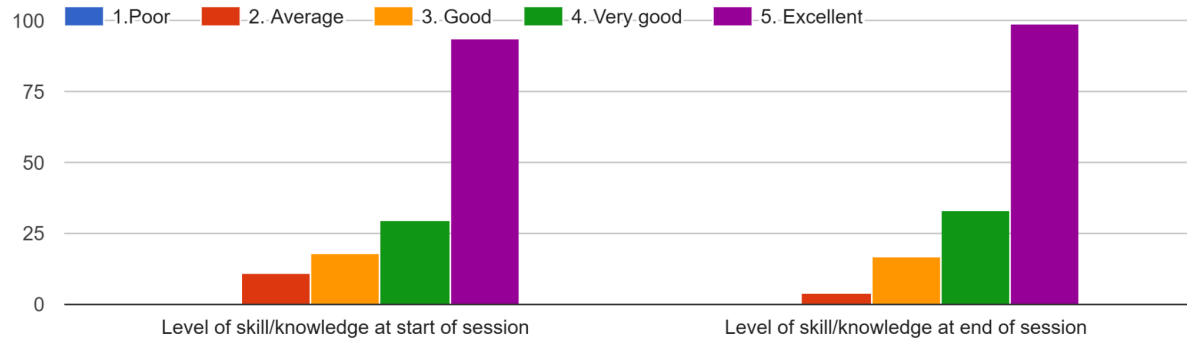
Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



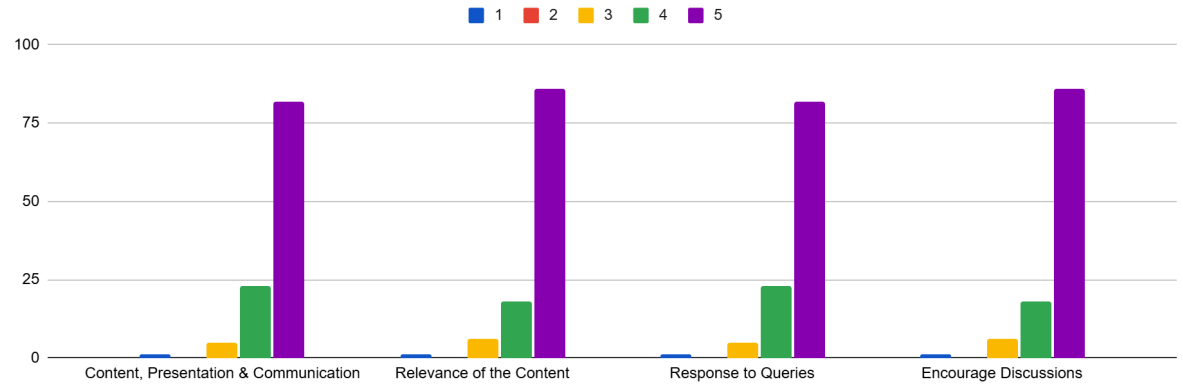
Learning Outcome Feedback:

3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



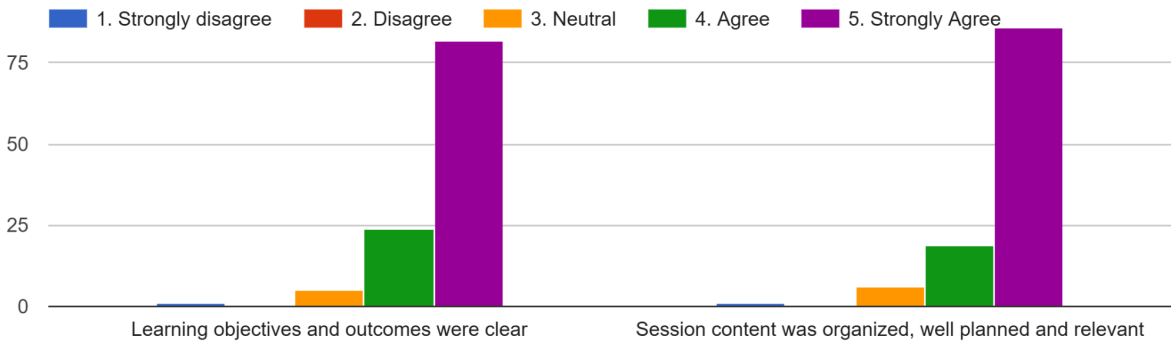
Day 3:

Facilitator Feedback: Prof. A K Bakhshi



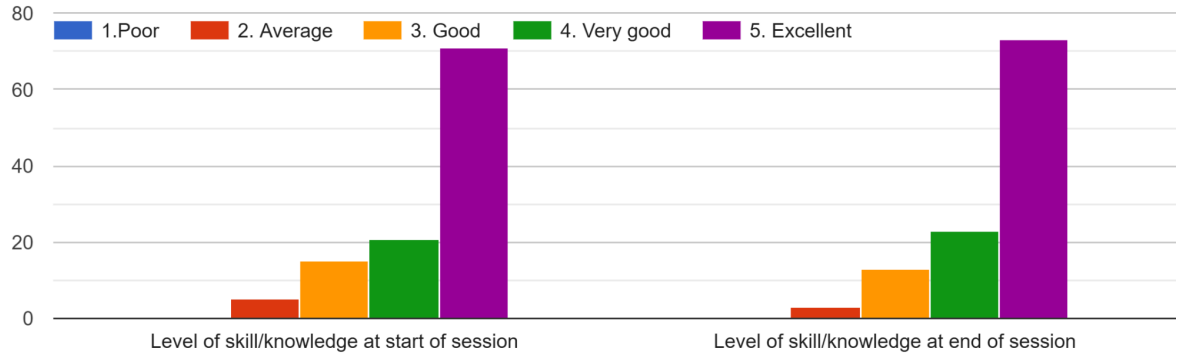
Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Feedback:

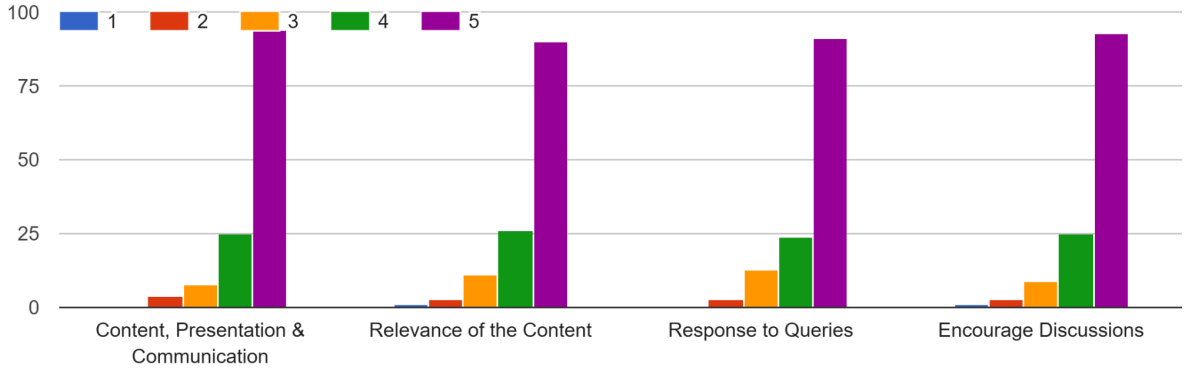
3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



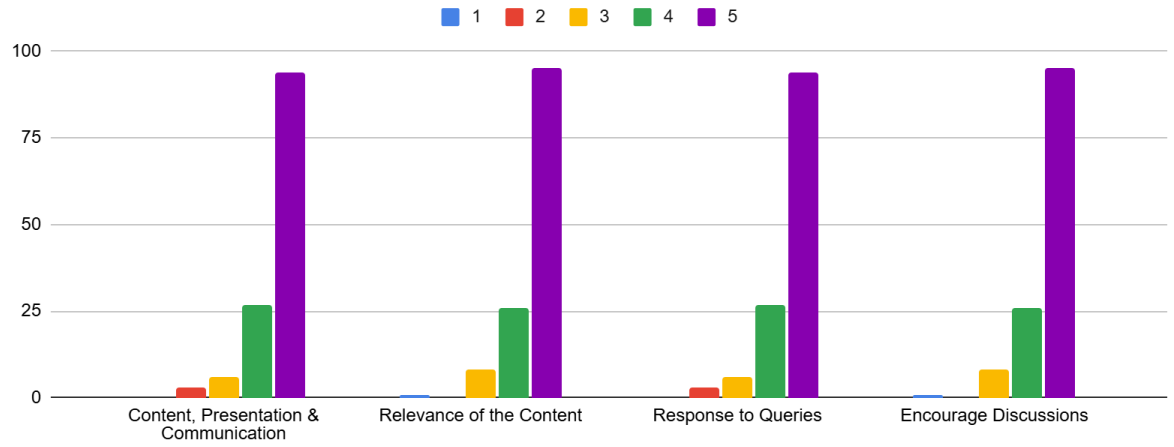
Day 5:

Facilitator Feedback: Dr Preeti Rawat

1. Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)

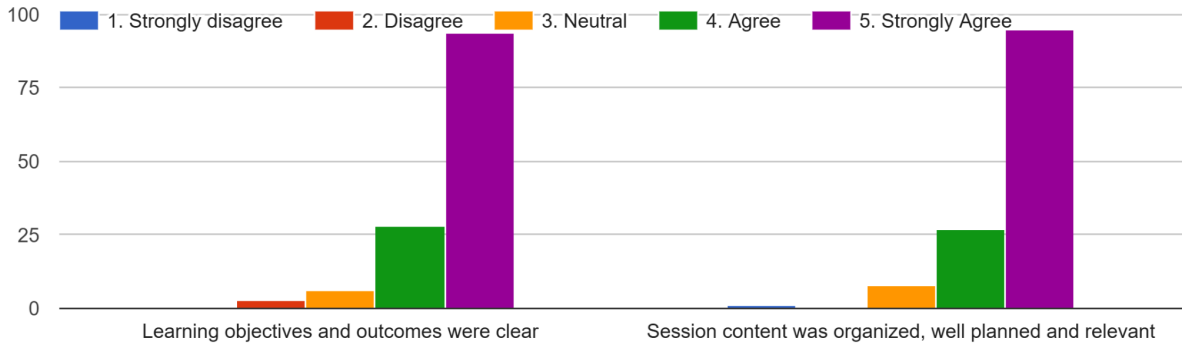


Facilitator Feedback: Dr. Gulshan Shaikh



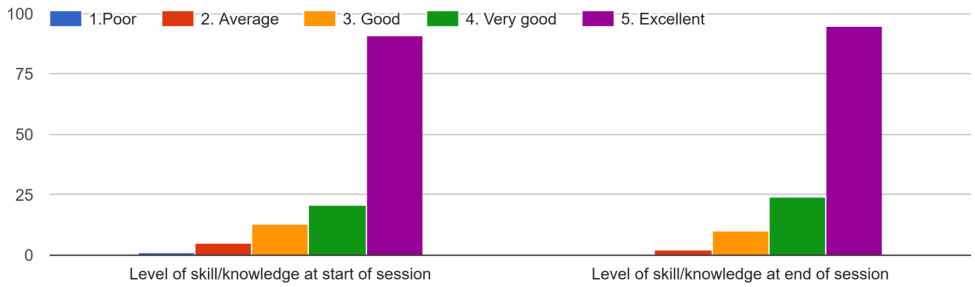
Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Feedback:

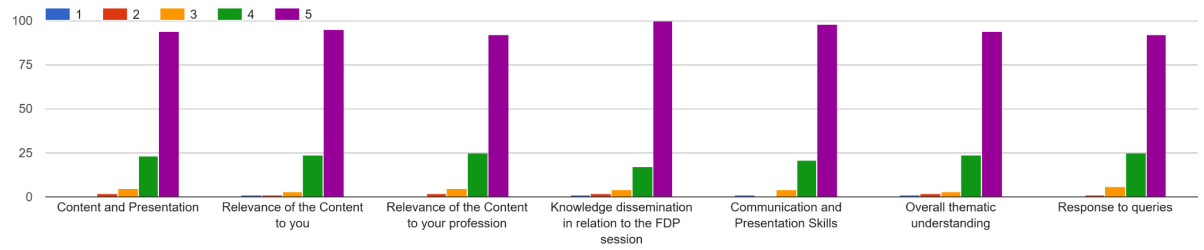
3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



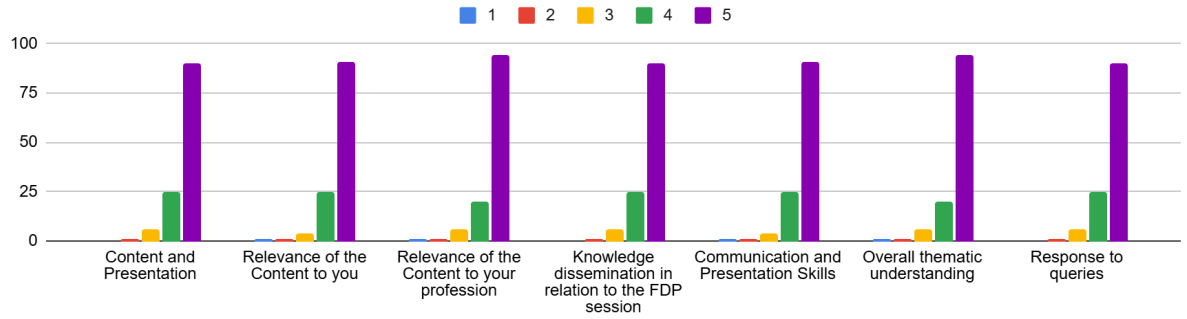
Day 6:

Facilitator Feedback: Dr Pooja Birwatkar

1. Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)

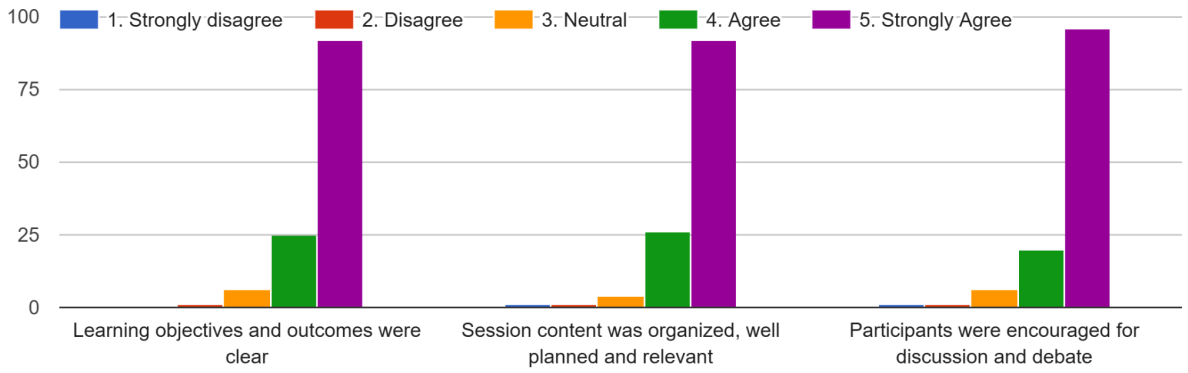


Facilitator Feedback: Ms Alka Bhansal



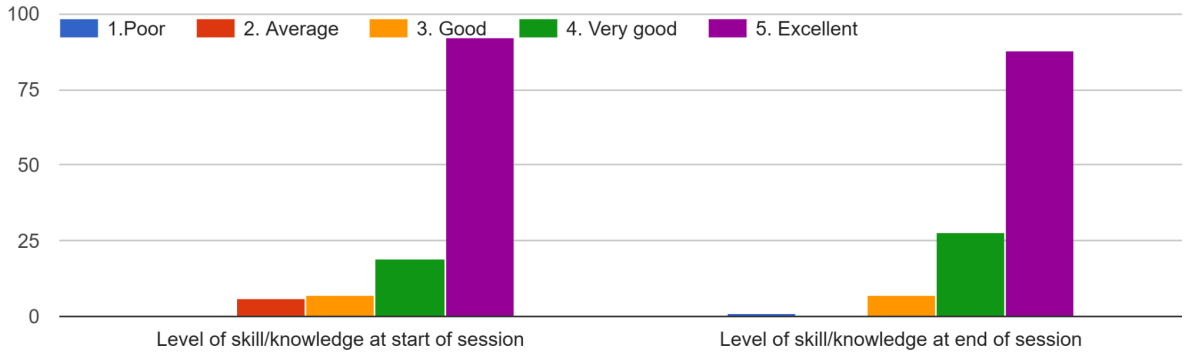
Session Content Feedback:

1. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Feedback:

2. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Poster of the FPD:



Faculty & Staff Development Centre (AIU-SVU FSDC'S AADC)

In collaboration with

Evonik India Pvt Ltd,

Knowledge Partner

Centre for Diversity Management & Inclusion, K J Somaiya Institute of Management.

Report on Inauguration of Grow Beyond Yourself: Personality Development Programme for the Girl Students of the Science Stream

Dated: 21st November 2024

Inauguration Ceremony: 21st November 2024

The Faculty & Staff Development Centre (FSDC), Somaiya Vidyavihar University (SVU), recognised by the Association of Indian Universities (AIU) as AIU-SVU FSDC's AADC, in collaboration with Evonik India Pvt Ltd launched the '*Grow Beyond Yourself-Personality Development Programme'*, which was inaugurated on 21st November 2024. The knowledge partner for this program is the Centre for Diversity Management and Inclusion (CDMI), K J Somaiya Institute of Management (KJSIM), Mumbai. Sponsored by Evonik India, this six-month programme is specifically designed for MSc students specialising in Biotechnology, Nutraceuticals, Polymer Science, Industrial Biotechnology, Chemical Biology, and Drug Design.

The programme, comprising 144 hours of intensive training, focuses on developing critical skills such as personal branding, leadership, effective communication, career readiness, and work-life balance. This initiative aims to empower students for leadership roles and professional success in STEM by bridging the gap between academia and industry.



Image No: 350



Image No: 351

The inauguration commenced with playing the Somaiya Campus Prayer, followed by expressions of gratitude to Evonik India for their collaboration. Prof. (Dr.) Satish Kumar Modh, Pro-Vice Chancellor of SVU, delivered the welcome address, emphasising corporate readiness and the importance of soft skills in professional success, and extended a warm welcome to Evonik India. Dr. Preeti S. Rawat, Director of Faculty & Staff Development Centre, introduced the programme and its objectives. Dr. Achala Danait, Director of Strategy & Industry Partnerships, and Mr. Nandkumar Dhake, Director of Admissions & Outreach, also addressed the gathering, expressing their appreciation for this significant partnership and encouraging students to make the most of the opportunities offered through the initiative.



Image No: 352



Image No: 353

The event featured an all-women leadership team from Evonik India, including Mrs. Gabriele Rettig, Chief Executive Advisor CSR, Evonik Asia Pacific; Ms. Chaitali Talele, CFO, Evonik India; Ms. Aruna Subramanyan, Head HR & Compliance, Evonik India; and Ms. Vidya Gopinath, CSR Lead, Evonik India. The speakers shared insights from their professional journeys, discussing their challenges in overcoming societal norms to achieve their current

positions. Their contributions offered students valuable guidance on leadership, personal and professional development, and transitioning from academia to industry.





Image No: 354 Image No: 355

A key highlight of the event was the interactive Q&A session, where the Evonik leadership team addressed student queries and provided practical advice on leadership and career growth.



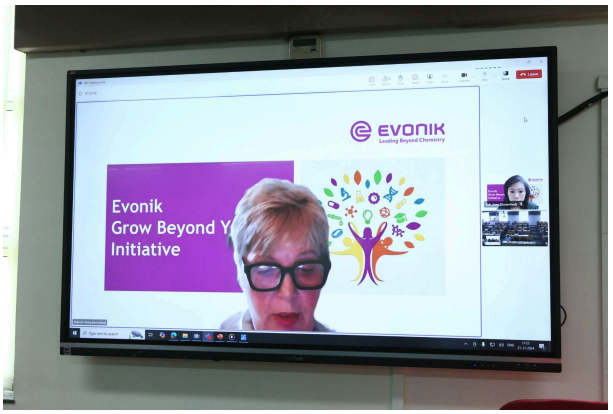


Image No: 356 Image No: 357

The programme concluded with distributing kits to the students, followed by a group photograph. This event marked the beginning of an impactful initiative designed to empower young women pursuing careers in STEM.



Image No: 358



Image No: 359

Module 1

Personal Growth

Faculty & Staff Development Centre (AIU-SVU FSDC'S AADC)

In collaboration with

Evonik India Pvt Ltd,

Knowledge Partner

Centre for Diversity Management & Inclusion, K J Somaiya Institute of Management.

Report on Grow Beyond Yourself: Personality Development Programme for the Girl Students of the Science Stream

Dated: 7th December 2024

Session 1: Offline Synchronous Session Module 1- Personal Growth
(9:00 am to 1:00 pm)

The first session, conducted by Dr. Shiji Lyndon, Associate Professor, OB & HRM, K J Somaiya Institute of Management (KJ Somaiya Institute of Management), Mumbai, focused on *Goal Setting and Time Management*. Dr. Lyndon emphasised the importance of defining clear goals and categorising them into short-term and long-term objectives. She elaborated on how effective time management contributes to achieving these goals, enhancing productivity and fostering personal growth. In practical application, students were assigned to outline their goals and create corresponding time management strategies. The assignment required students to present their plans in presentation format, detailing their approach to setting

priorities, allocating time effectively, and aligning these efforts with their personal and professional aspirations.



Image No: 360



Image No: 361

Session 2: Offline Synchronous Session Module 1- Personal Growth
(2:00 pm to 6:00 pm)

The second session was led by Dr. Preeti S. Rawat, Director, Faculty & Staff Development Centre, who delved into Self-Awareness and Interpersonal Relationships through frameworks like the Big Five personality model, JOHARI Window and Transactional Analysis. Dr. Rawat introduced the concept of self-perception, helping students understand their personality traits and behavioural patterns. She also explained the impact of these patterns on interpersonal relationships, emphasising the importance of rapport, trust-building, and social awareness. Students were assigned reflective exercises, including personality development tasks and transactional analysis exercises, to deepen their understanding of emotional intelligence and interpersonal behaviour.

Both sessions laid a strong foundation for self-discovery and personal growth, equipping students with actionable strategies to enhance self-awareness, manage their emotions, and develop meaningful relationships in personal and professional contexts.





Image No: 362 Image No: 363

Dated: 21st December 2024
Session 1: Online Synchronous Session Module 1-Assignments
(9:00 am to 11:00 am)

In this online session, Dr. Shiji Lyndon, Associate Professor, OB & HRM, K J Somaiya Institute of Management, led a discussion centred on the assignment for Module 1, where students were required to present their work. The focus was on the importance of punctuality, presentation skills, and clear communication. During the session, students shared their personal and professional development goals, time management strategies, and plans for emotional intelligence growth. Dr Lyndon offered insightful feedback, encouraging students to break their goals down into actionable steps and to refine their time management strategies for long-term success.



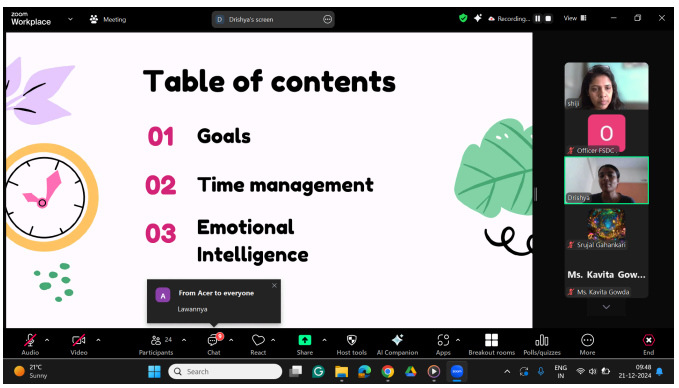
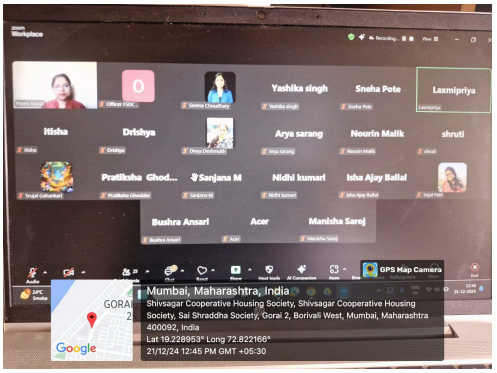


Image No: 364 Image No: 365

Session 2: Online Synchronous Session Module 1-Assignments
(11:00 am to 1:00 pm)
The second online session, led by Dr. Preeti S. Rawat, Director, Faculty & Staff

Development Centre, focused on the assignments given to the students: personality, transactional analysis, and the Johari window. She provided live feedback as students presented their assignments, encouraging them to apply their learning to real-life situations, and also facilitated an in-depth discussion on personality development, emotional stability, and strategies for improving various traits.



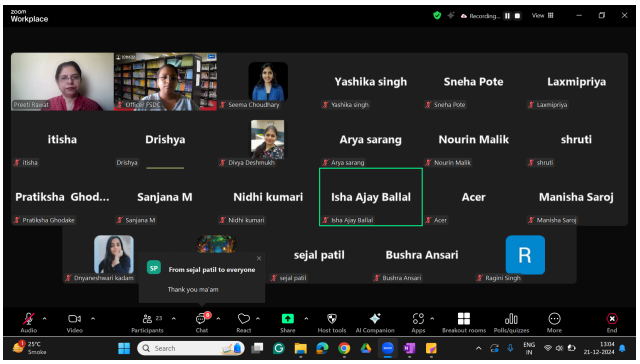


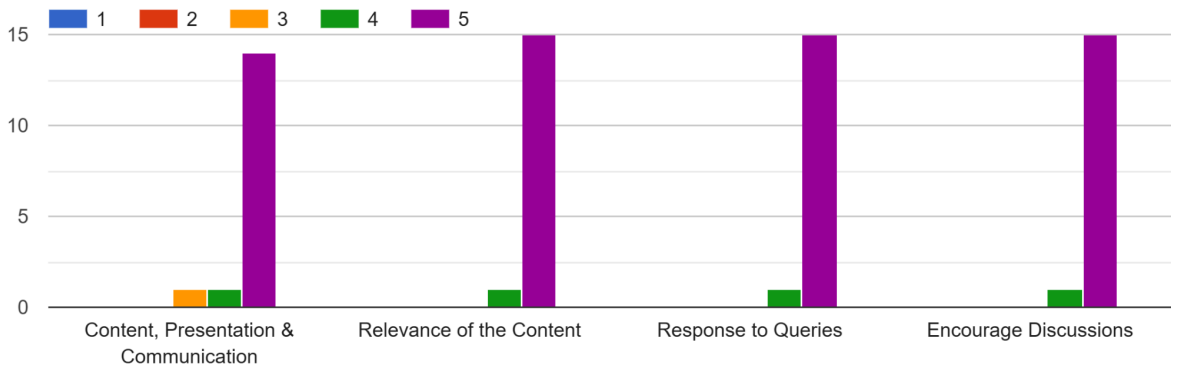
Image No: 366 Image No: 367

Feedback Analysis:

Total Participants	**30**
No of Attendees	**20**
Feedback Received	**16**
Facilitator Feedback: Dr. Shiji Lyndon	**4.91**
Facilitator Feedback: Dr Preeti Rawat	**4.45**
Overall Feedback Analysis	**4.68**

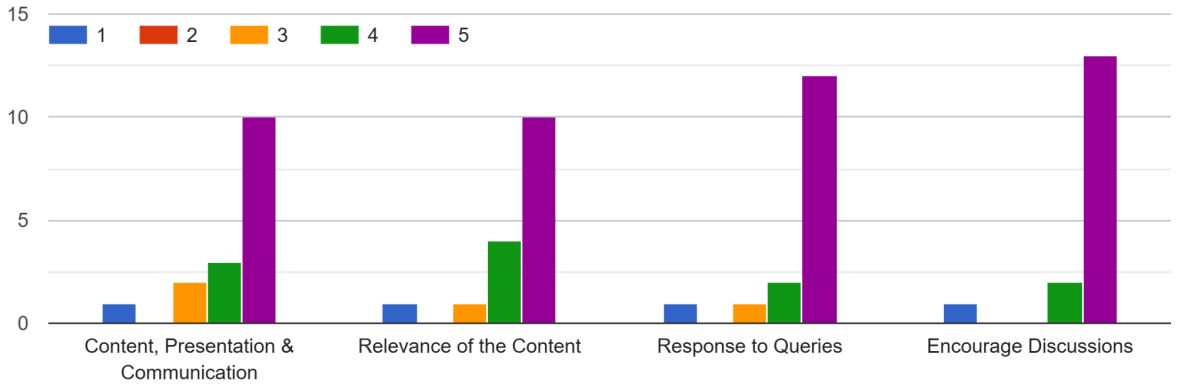
Facilitator Feedback: Dr. Shiji Lyndon

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



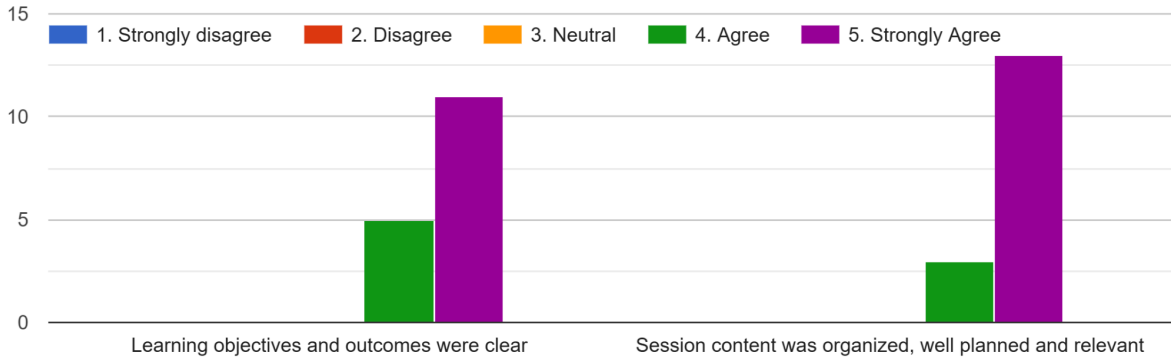
Facilitator Feedback: Dr Preeti Rawat

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



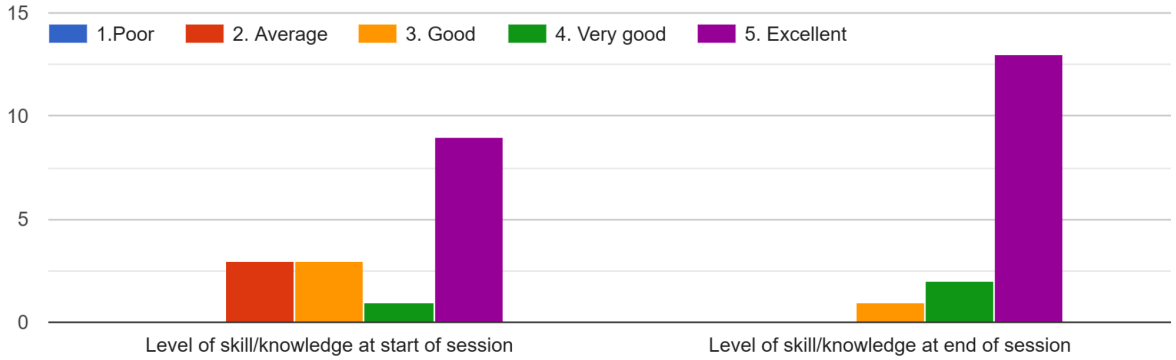
Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Feedback:

3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Module 2

Career Planning for Women

Faculty & Staff Development Centre (AIU-SVU FSDC'S AADC)

In collaboration with

Evonik India Pvt Ltd,

Knowledge Partner

Centre for Diversity Management & Inclusion, K J Somaiya Institute of Management.

Report on Grow Beyond Yourself: Personality Development Programme for the Girl Students of the Science Stream

Dated: 14th December 2024

Session 1: Offline Synchronous Session Module 2-Career Planning for Women (9:00 am to 1:00 pm)

The first session conducted by Dr. Priya Kataria, Assistant Professor, KJ Somaiya Institute of Management, Mumbai, titled *Career Planning for Women,* focused on understanding gender roles in career choices and strategies to navigate gender barriers in the workplace. The session explored how societal norms influence career aspirations and offered tools to empower students to make informed career decisions. The session was structured around interactive activities and reflective exercises. Students discussed gender-based challenges, such as the glass ceiling and pay gap, and shared personal experiences. Group activities encouraged collaborative problem-solving, while individual reflections focused on identifying strengths, support systems, and future aspirations. A significant segment involved visualising career goals, where students outlined actionable steps and anticipated challenges in achieving their long-term objectives. Dr. Kataria's session provided a platform for raising awareness about workplace dynamics and empowering students with innovative strategies and a creative mindset for career growth. The session fostered critical thinking about gender dynamics while equipping students with tools to effectively overcome societal and professional challenges.





Image No: 368 Image No: 369

Session 2: Offline Synchronous Session Module 2-Career Planning for Women (2:00 pm to 6:00 pm)

The second session for *Module 2-Career Planning for Women,* led by Dr. Prema Basargekar, Adjunct Professor, KJ Somaiya Institute of Management, Mumbai, addressed gender-related challenges and equipping students with essential career management skills. The session explored the difference between gender and sex, societal barriers such as patriarchy and gender stereotypes, and strategies to overcome challenges like the glass ceiling and pay gap; students engaged in discussions about low female labour force participation in India, analysing its causes and outcomes at familial, organisational, and societal levels. Group activities encouraged critical thinking, while exercises like the SCAMPER model guided students in developing creative problem-solving strategies, such as improving mid-day meals and promoting financial literacy. Key skills for career progression, including self-confidence, assertive communication, teamwork, and learnability, were introduced to help students identify their strengths and areas for improvement. The session concluded with a group assignment, requiring students to interview a career woman and present her journey and insights through a detailed write-up and presentation, consolidating the session's learning outcomes.



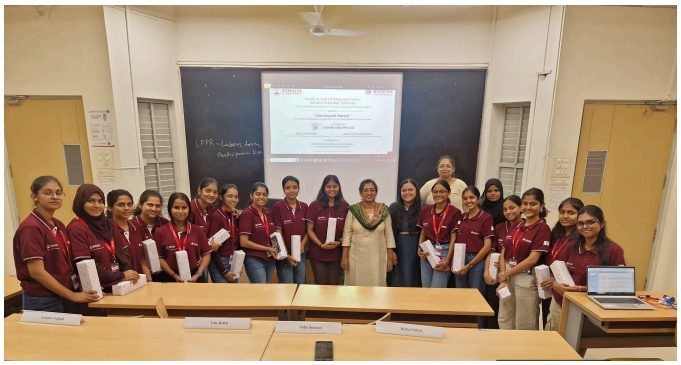
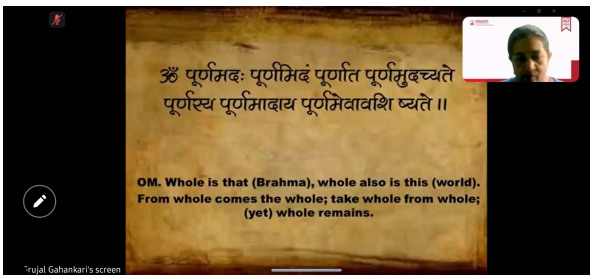


Image No: 370 Image No: 371

Dated: 28th December 2024

Session 1: Online Synchronous Session Module 2-Assignments
(9:00 am to 11:00 am)

The session, led by Dr. Prema Basargekar, Adjunct Professor, KJ Somaiya Institute of Management, Mumbai, centred on students presenting their group assignments, which analysed the career journeys of inspiring women from various fields. Each group delved into their chosen individual's background, education, challenges, achievements, and the key lessons derived from their career paths. Dr Basargekar provided constructive, real-time feedback, highlighting the need for clear and concise communication, well-structured presentations, and visually appealing slides. Additionally, she stressed the importance of non-verbal communication, confidence, and in-depth subject knowledge to enhance the overall quality and impact of their presentations.



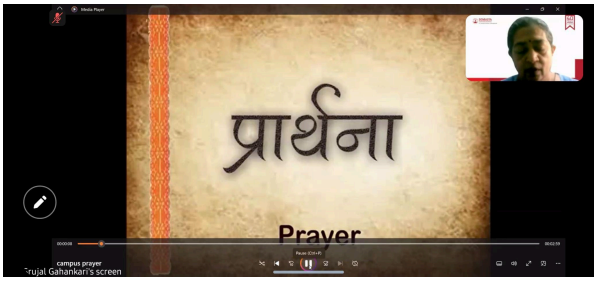


Image No: 372 Image No: 373

Session 2: Online Synchronous Session Module 2 - Career Planning for Women
(11:30 am to 1:30 pm)

This session was an extension for Dr. Priya Kataria, Assistant Professor, KJ Somaiya Institute of Management, Mumbai, earlier session for Module 2-Career Planning for Women, focusing on the importance of career planning and self-assessment. Students engaged in activities such as creating detailed short-term and long-term career plans, identifying their

strengths and weaknesses, and exploring alternative career paths. The session also covered strategies for effective interview preparation, crafting personal narratives that align with job requirements, and developing tailored, impactful resumes to showcase their skills and experiences.

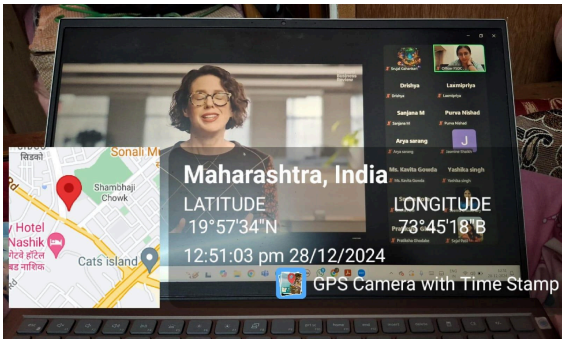


Image No: 374

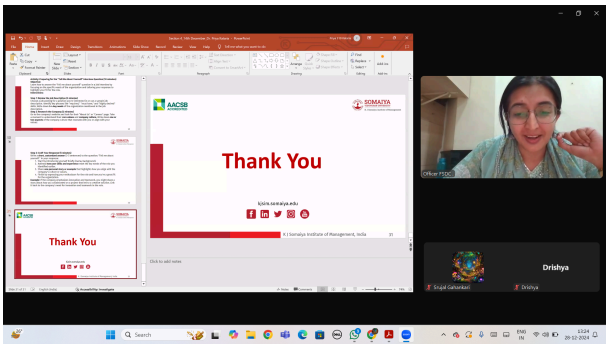


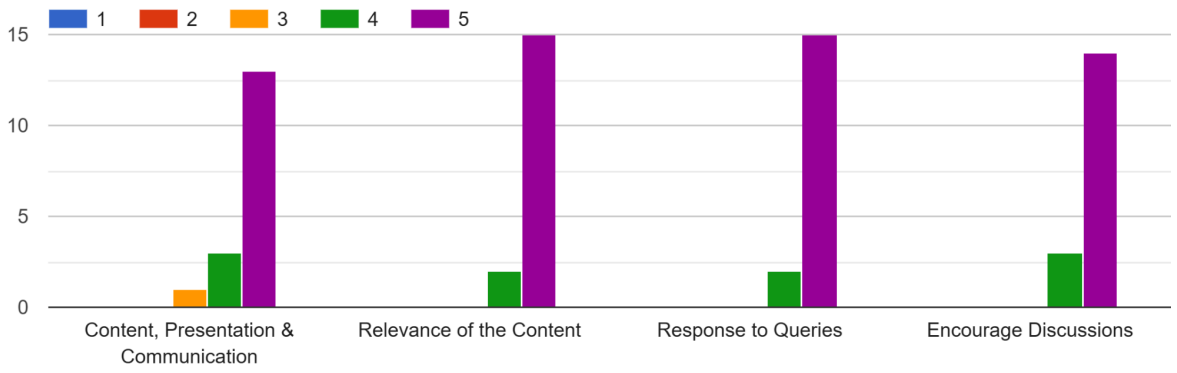
Image No: 375

Feedback Analysis:

Total Participants	**30**
No of Attendees	**17**
Feedback Received	**17**
Facilitator Feedback: Dr. Prema Basargekar	**4.82**
Facilitator Feedback: Dr. Priya Kataria	**4.85**
Overall Feedback Analysis	**4.68**

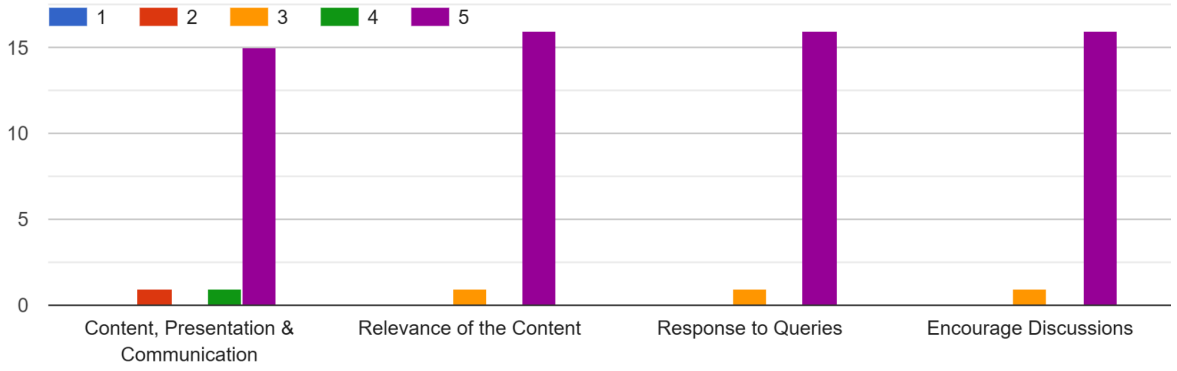
Facilitator Feedback: Dr. Prema Basargekar

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



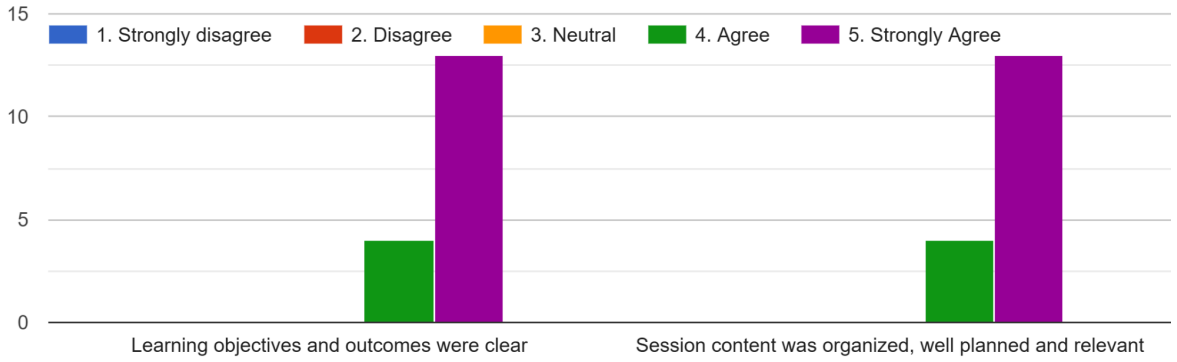
Facilitator Feedback: Dr. Priya Kataria

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



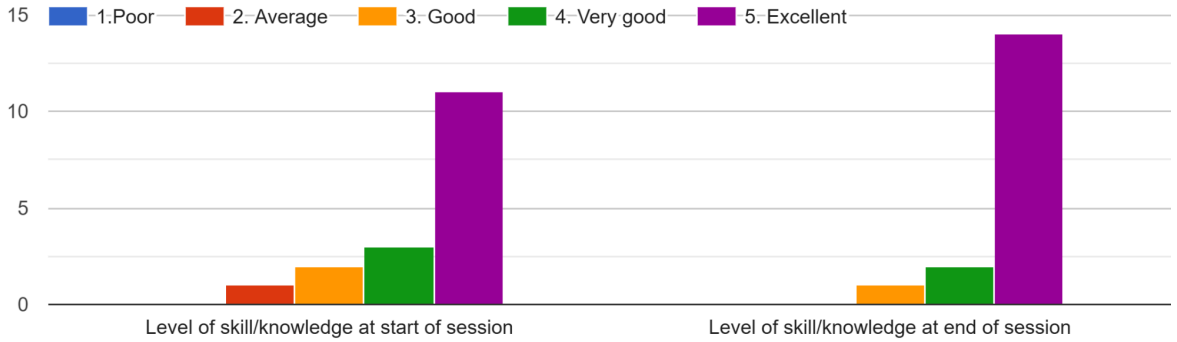
Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcomes Feedback:

3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Module3

Personal Branding & Communication

Faculty & Staff Development Centre (AIU-SVU FSDC'S AADC)

In collaboration with

Evonik India Pvt Ltd,

Knowledge Partner

Centre for Diversity Management & Inclusion, K J Somaiya Institute of Management.

Report on Grow Beyond Yourself: Personality Development Programme for the Girl Students of the Science Stream

Dated: 11th January 2025

Session 1: Offline Synchronous Session Module 3- Personal Branding & Communication
(9:00 am to 3:45 pm)

The first session, led by Prof. Milind Gawai, Assistant Professor, KJ Somaiya Institute of Management, Mumbai, titled *Module 3- Personal Branding & Communication,* focused on equipping students with the skills needed to excel in their professional journeys by enhancing their leadership and communication abilities. Prof. Gawai introduced the psychology of communication, using videos of influential speakers to demonstrate the effective use of body language, facial expressions, and tone of voice to convey confidence and professionalism. Students engaged in interactive activities to practise these skills and were introduced to key communication theories. As part of the session, they were assigned a group project requiring them to craft and deliver impactful presentations, applying the techniques learned during the session.

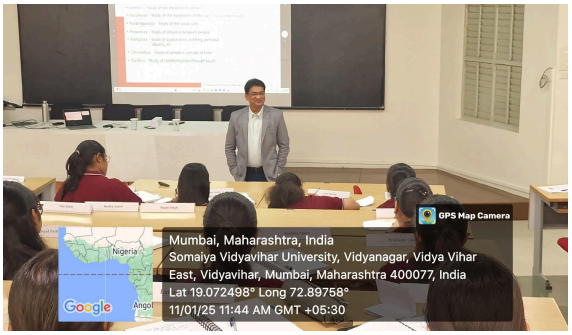


Image No: 376



Image No: 377

Session 2: Offline Synchronous Session Module 3- Personal Branding & Communication
(4:00 pm to 6:00 pm)

The second session, on *Module 3: Personal Branding & Communication,* led by Prof. Ralston Anil Rajvaidya, Assistant Professor at KJ Somaiya Institute of Management, Mumbai, centred on the critical aspects of personal branding and professional development. Students were guided on identifying their unique value propositions, constructing compelling personal brand narratives, and cultivating a professional online presence, with a particular focus on LinkedIn. Prof. Rajvaidya highlighted the importance of strategically showcasing achievements and skills to differentiate oneself in a competitive professional environment. The session delved into practical strategies for building a strong digital footprint, emphasising how to effectively align personal branding with professional aspirations. They also explored techniques to enhance their communication skills, ensuring their brand narratives resonate with online and offline audiences.



Image No: 378



Image No: 379

Dated: 25th January 2025

Session 1: Offline Synchronous Session Module 3- Personal Branding & Communication-Assignment Presentation
(9:00 am to 12:30 pm)

The session, led by Prof. Milind Gawai, Assistant Professor, KJ Somaiya Institute of Management, Mumbai, focused on Module 3 – Personal Branding & Communication, with students presenting their assigned group projects. The group assignments' primary focus was enhancing presentation skills, including clarity, voice modulation, body language, and audience engagement. Prof. Gawai provided constructive feedback, highlighting strengths such as confidence, articulation, and effective use of visuals while also addressing areas for improvement, including eye contact, pacing, posture, and language precision. This exercise

taught students valuable insights into effective communication, reinforcing key skills essential for professional success.



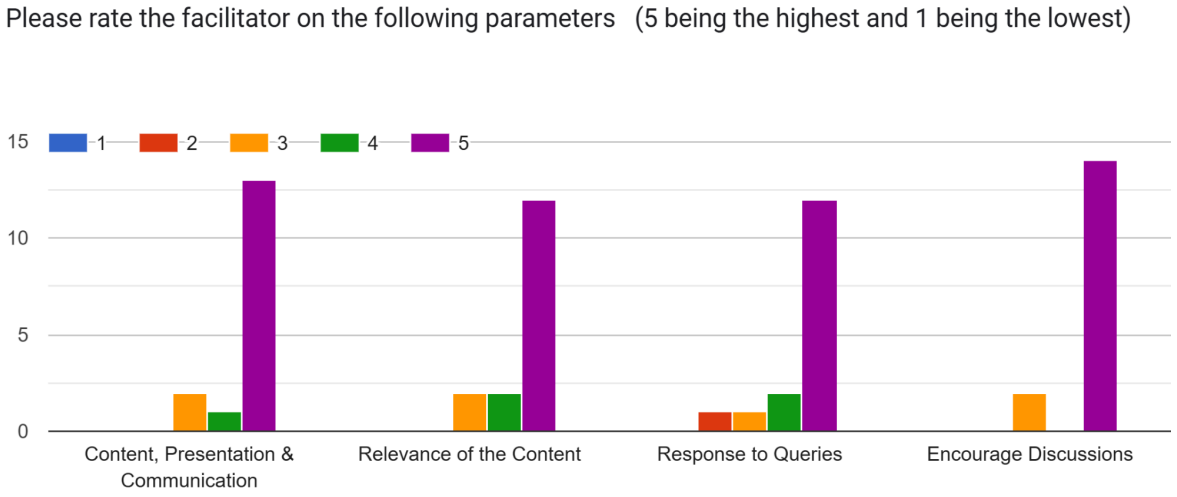


Image No: 380 Image No: 381

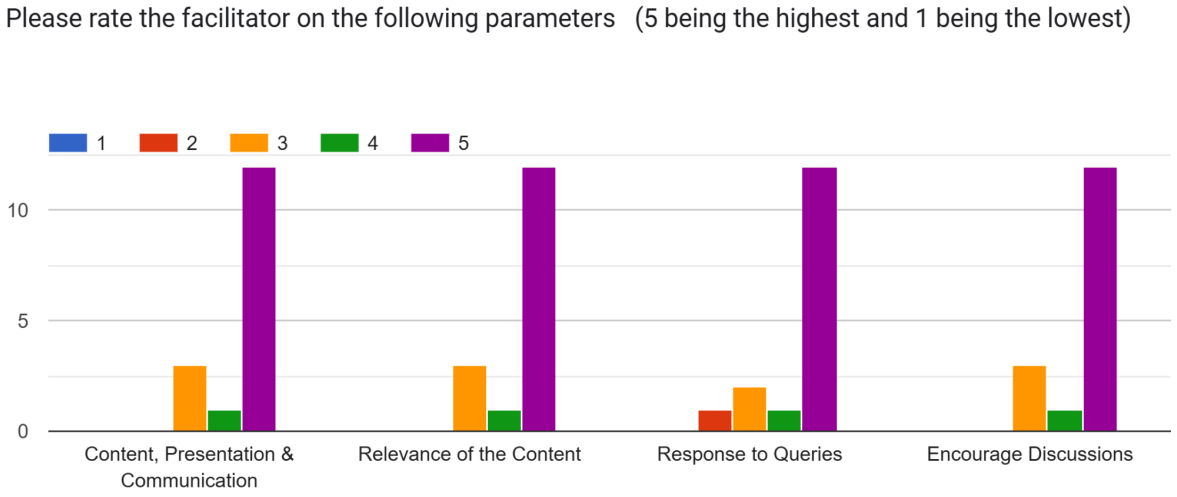
Feedback Analysis:

Total Participants	**30**
No of Attendees	**17**
Feedback Received	**16**
Facilitator Feedback: Prof. Milind Manohar Gawai	**4.6**
Facilitator Feedback: Prof. Ralston Anil Rajvaidya	**4.5**
Overall Feedback Analysis	**4.8**

Facilitator Feedback: Prof. Milind Manohar Gawai

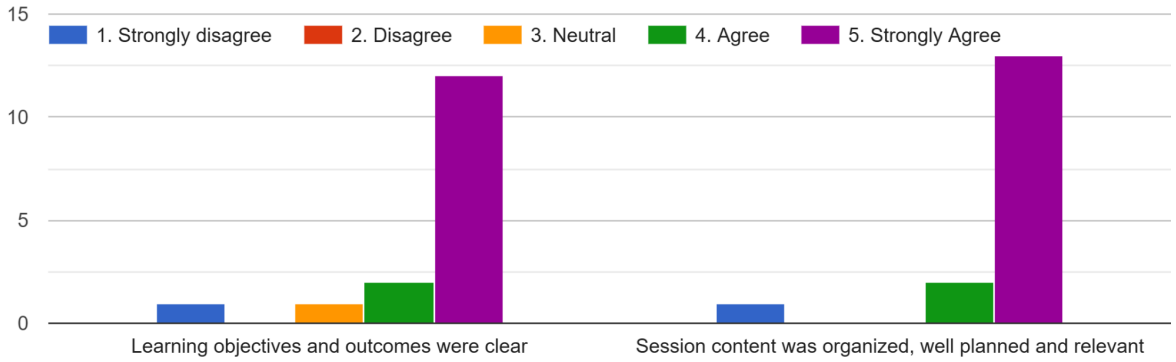


Facilitator Feedback: Prof. Ralston Anil Rajvaidya



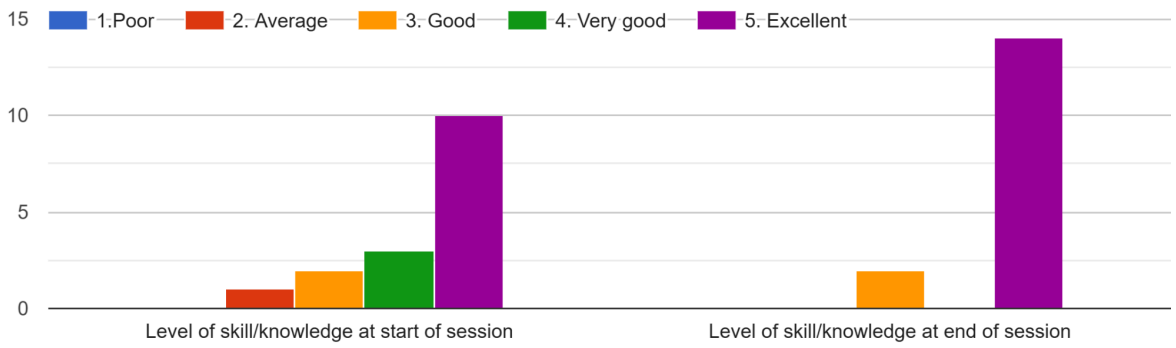
Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Feedback:

3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Experiential Learning

Somaiya Vidyavihar University
Somaiya Vidyavihar, Vidyavihar East,
Mumbai, Maharashtra 400077, India
W: https://www.somaiya.edu/en

Faculty & Staff Development Centre (AIU-SVU FSDC'S AADC)

In collaboration with

Evonik India Pvt Ltd,

Knowledge Partner

Centre for Diversity Management & Inclusion, K J Somaiya Institute of Management.

Report on Grow Beyond Yourself: Personality Development Programme for the Girl Students of the Science Stream

Dated: 19th January 2025

Session 1: Offline Synchronous Session-Outbound Experiential Learning (9:00 am to 5:00 pm)

The outbound experiential learning session was designed to foster essential leadership qualities such as teamwork, trust, self-awareness, and strategic thinking. By engaging in dynamic activities, students developed problem-solving skills, effective communication, and resilience—key personal and professional growth attributes. The carefully curated exercises encouraged students to navigate challenges, build confidence, and reflect on their aspirations, equipping them with the mindset and skills necessary for impactful leadership and decision-making. The facilitators for the session were Dr Mukul Joshi, Founder, PO – Potential & Possibilities, Pune, and Dr Shiji Lyndon, Associate Professor, OB & HRM, K J Somaiya Institute of Management, Mumbai.

Activity 1: The Tangled Circle

The first activity encouraged teamwork and problem-solving through a dynamic exercise where two groups of ten participants formed tangled circles by holding hands. The challenge was to untangle themselves without releasing their grip. The exercise fostered trust, patience, and effective communication among students while they completed the task together, highlighting the importance of collaboration in overcoming complex

challenges—a crucial skill in leadership development.

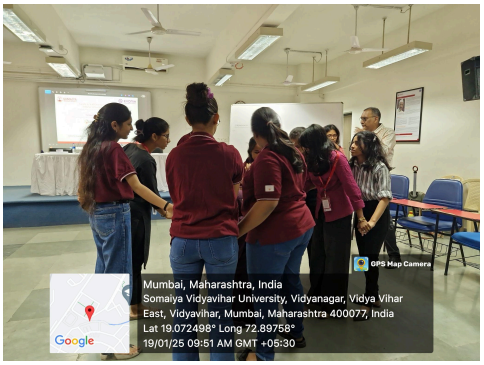




Image No: 382 Image No: 383

Activity 2: The Blindfold Exercise

In this trust-building exercise, students were paired, with one wearing a blindfold and the other serving as a guide. The guided individuals had to rely entirely on their partners for navigation, emphasising the importance of clear communication and trust. This activity mirrored leadership dynamics by demonstrating the significance of mutual reliance and support in achieving common goals.





Image No: 384 Image No: 385

Activity 3: Values and Aspirations Exercise

In this activity, each student was given three cards, which contained values and aspirations. After trading cards with others, they retained two values and one aspiration. The participants shared personal stories reflecting on their strengths, what made them unique, and their individual growth. Dr Lyndon further engaged them in discussions about their survival skills, encouraging participants to explore their leadership qualities and how

these attributes contribute to building confidence and resilience.





Image No: 386 Image No: 387

Activity 4: The Trust Race

In this activity, students were challenged to navigate various movement tasks with closed eyes, such as walking straight, backwards, or side by side in teams. Students were asked to assess their position and level of confidence throughout the exercise. The task emphasised the importance of situational awareness and understanding dynamics based on the situation. This activity also underscored maintaining confidence in uncertain scenarios, a vital attribute for effective leadership.





Image No: 388 Image No: 389

Activity 5: Circles of Control, Influence, and Concern

This session, led by Dr Joshi guided students in categorising their concerns and aims into three areas: what they could control, influence, and beyond their control. This activity helped them prioritise actionable areas and develop purposeful aspirations. As the session ended, students carefully wrote their aspirations onto a kite, a powerful symbol of their dreams soaring towards fulfilment. This reflective exercise reminded them of the significance of clarity, focus, and goal-setting, encouraging them to navigate their

personal and professional journeys with intention and purpose.



Image No: 390



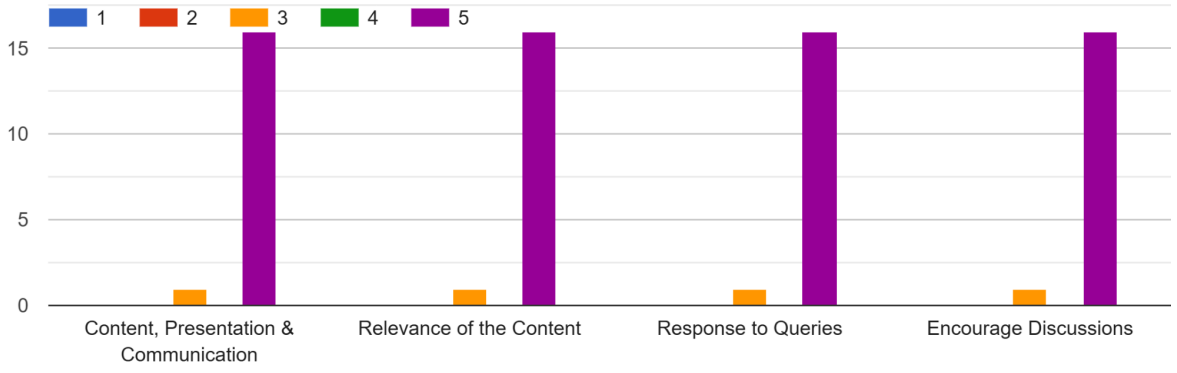
Image No: 391

Feedback Analysis

Total Participants	**30**
No of Attendees	**19**
Feedback Received	**17**
Facilitator Feedback: Dr Mukul Joshi	**4.9**
Facilitator Feedback: Dr. Shiji Lyndon	**4.9**
Overall Feedback Analysis	**4.9**

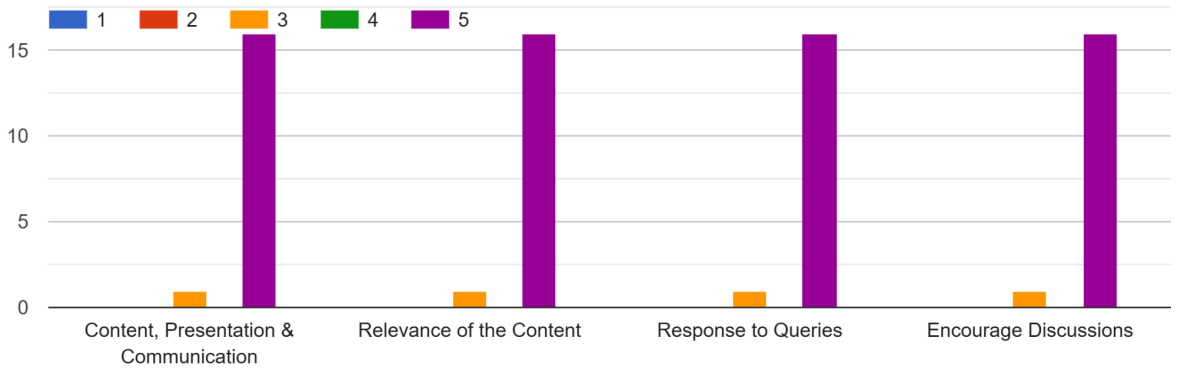
Facilitator Feedback: Dr Mukul Joshi

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



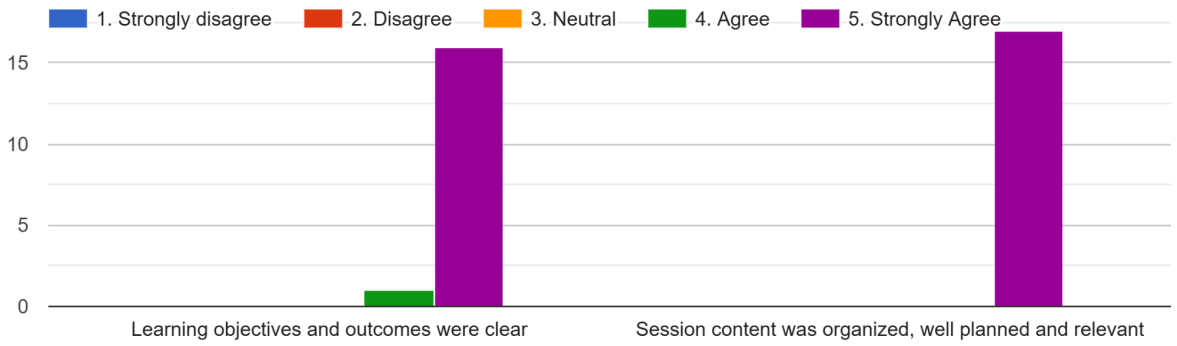
Facilitator Feedback: Dr. Shiji Lyndon

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



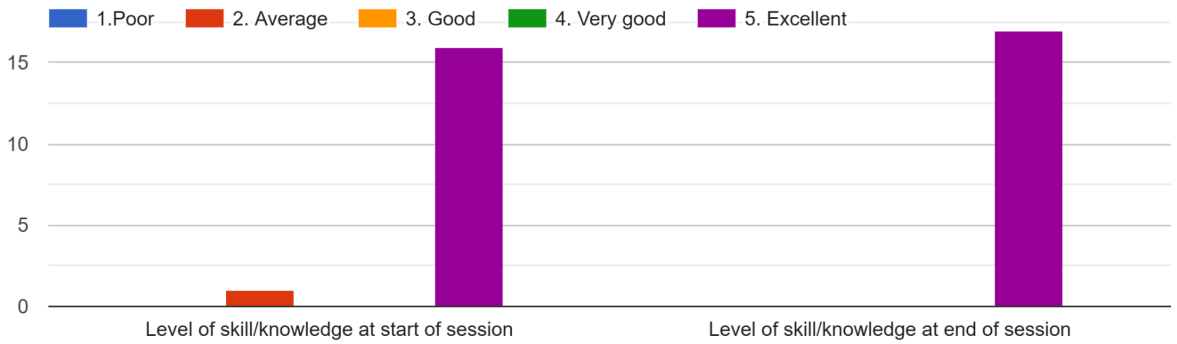
Session & Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcomes Feedback:

3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Module 4

Women Leadership and Influence

Faculty & Staff Development Centre (AIU-SVU FSDC'S AADC)

In collaboration with

Evonik India Pvt Ltd,

Knowledge Partner

Centre for Diversity Management & Inclusion, K J Somaiya Institute of Management.

Report on Grow Beyond Yourself: Personality Development Programme for the Girl Students of the Science Stream

Dated: 15th February 2025

Session 1: Offline Synchronous Session Module 4-Women Leadership and Influence (9:00 am to 12:00pm)

The first session was led by Dr Shiji Lyndon, Associate Professor, OB & HRM at K J Somaiya Institute of Management, Mumbai. The session focused on *Influence*, equipping students with skills to enhance their confidence and ability to make an impact. Dr Lyndon introduced the concept of *Influence and Persuasion*, guiding students in expressing their ideas effectively and building credibility. She emphasised the role of clear communication and assertiveness in professional and personal settings. The session also addressed *Unconscious Bias*, exploring how stereotypes can create barriers to growth. Dr Lyndon encouraged students to recognise and challenge these biases to create opportunities for themselves and others. Interactive discussions and activities helped students reflect on these concepts and apply them to real-life scenarios. The well-received session provided students with valuable strategies to enhance their confidence and influence.

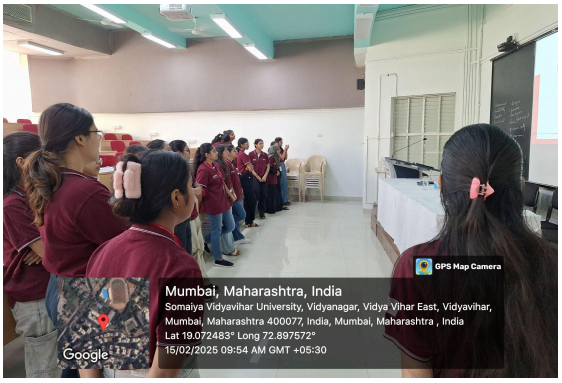




Image No: 392 Image No: 393

Session 2: Offline Synchronous Session Module 4-Women Leadership and Influence (2:00 pm to 6:00pm)

The second session was facilitated by Dr Preeti S. Rawat, Director, Faculty & Staff Development Centre. The session focused on *Leadership*, helping students develop essential skills to inspire others and work effectively in diverse environments. Dr Rawat introduced the concept of *Leadership Qualities*, emphasising the importance of empathy, personal connectedness, and the ability to build a strong team. She guided students on developing these qualities to foster positive and productive interactions. The session also covered *Inclusive Leadership*, highlighting the significance of an inclusive mindset and communication in creating equitable opportunities. Dr Rawat encouraged students to embrace diverse perspectives and practise inclusive behaviours in both professional and personal settings. Through discussions and interactive activities, students explored practical ways to apply these concepts. The session was engaging and insightful, leaving participants with a deeper understanding of effective leadership and inclusivity.





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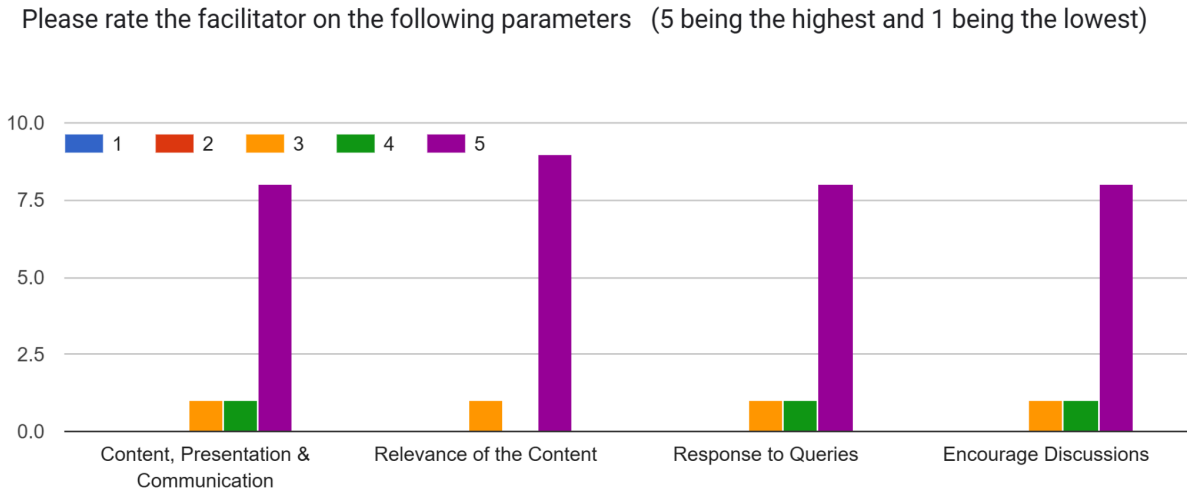
Dated 19 Feb 2025

9 AM to 1:15 PM

Feedback Analysis: (Tentative)

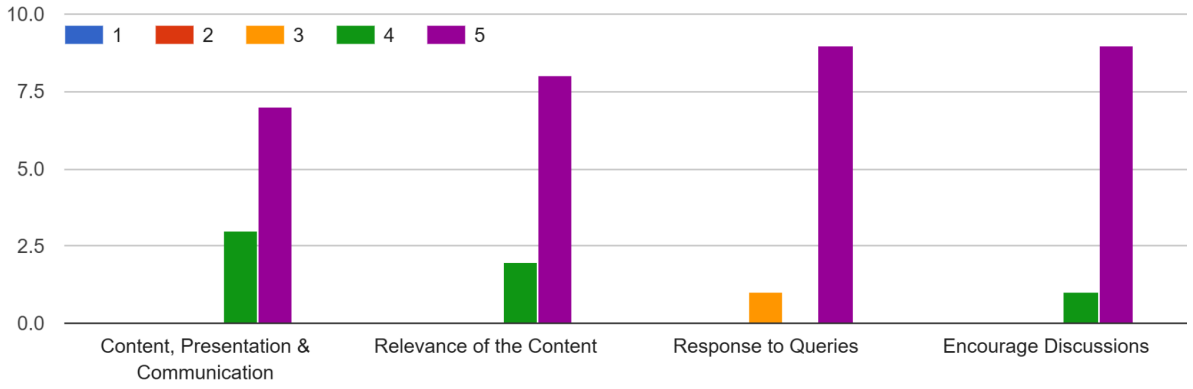
Total Participants	**30**
No of Attendees	**18**
Feedback Received	**11**
Facilitator Feedback: Dr. Shiji Lyndon	**4.7**
Facilitator Feedback: Dr Preeti Rawat	**4.7**
Overall Feedback Analysis	**4.73**

Facilitator Feedback: Dr. Shiji Lyndon



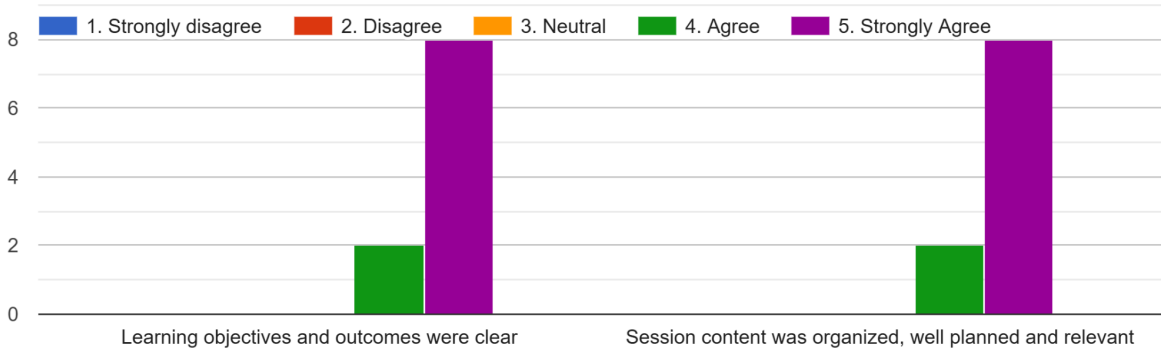
Facilitator Feedback: Dr Preeti Rawat

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



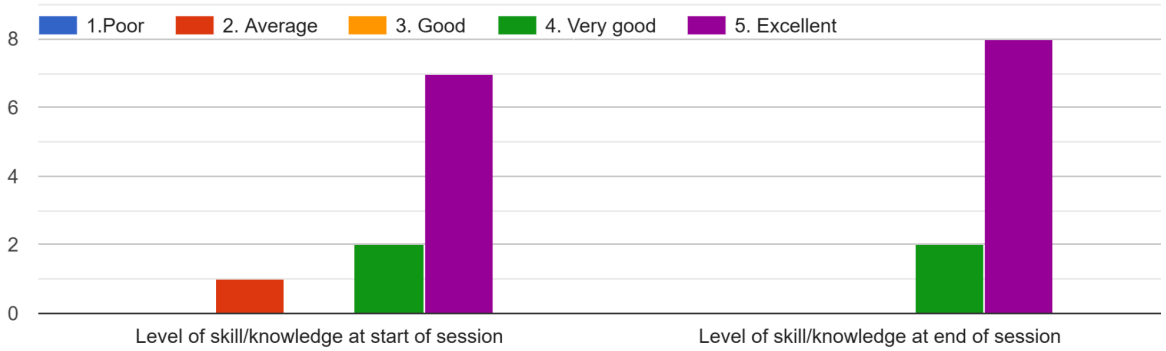
Session Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcomes Feedback:

3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Faculty & Staff Development Centre (AIU-SVU FSDC'S AADC)

In Collaboration with

K J Somaiya Institute of Management
and
Women Development Cell (of the University)

Report on the FDP: Creating Safe Workplaces: Prevention of Sexual Harassment (POSH) at Work.

Dated: 28th November 2024

The Faculty & Staff Development Centre (FSDC), Somaiya Vidyavihar University (SVU), in collaboration with the K J Somaiya Institute of Management and the Women Development Cell of the University, organised a one-day Faculty Development Programme (FDP) on *Creating Safe Workplaces: Prevention of Sexual Harassment (POSH) at Work* on 28th November 2024. The program aimed to equip participants with a thorough understanding of the legal framework, procedural mechanisms, and strategies required to create a safe and inclusive workplace environment.

Date: 28th November 2024

The day commenced with an inaugural ceremony that included the Somaiya Campus Prayer, followed by a warm welcome from Ms. Shreya Nair, Program Manager, FSDC, SVU who introduced the facilitators and extended greetings to the participants. Dr. Preeti Rawat, Director of FSDC, SVU, delivered the welcome address, emphasising the critical role of POSH training in cultivating gender-sensitive workplaces. Dr. Raman Ramachandran, Director and Dean of K J Somaiya Institute of Management, further underscored the importance of institutional initiatives to prevent workplace harassment.



Image No: 243



Image No: 244

Session 1: Historical Context and Key Movements

Dr. Krishna Shetty, Associate Professor at K J Somaiya Institute of Management, Mumbai and a certified POSH trainer, conducted an in-depth session that provided participants with a comprehensive understanding of workplace harassment laws and their practical implications. He began by tracing the historical evolution of these laws, starting from the Vishakha Guidelines and their transition into the Sexual Harassment of Women at Workplace (Prevention, Prohibition, and Redressal) Act, 2013. Drawing on real-life cases, Dr. Shetty illustrated how societal challenges and landmark incidents necessitated the creation of stricter legal frameworks to protect individuals in the workplace.

The session also shed light on the role of global social movements such as *Me Too* and *Time's Up impact* in India in shifting attitudes and reinforcing the need for accountability. Participants gained insights into the various forms and types of sexual harassment, understanding their psychological, emotional, and professional impacts on victims. Dr. Shetty provided an in-depth explanation of the distinctions between civil and criminal laws, helping participants appreciate the nuances of legal recourse and redressal mechanisms.

A key highlight of the session was the focus on the Internal Committee (IC), emphasising its critical role in addressing grievances and fostering a supportive organisational culture. Through this session, participants were encouraged to understand and implement POSH policies effectively, creating workplaces rooted in respect, safety, and inclusivity.



Image No: 245



Image No: 246

Session 2: The Legal Framework

Dr. Lipika Sharma, Advocate, Senior Consultant, and UN Women expert, led the second session, providing an in-depth exploration of the legal framework surrounding the POSH Act. Dr. Sharma emphasised the pivotal role of the Internal Committee (IC) in addressing workplace harassment, elaborating on its mandatory establishment in every organisation with ten or more employees. She detailed the composition of the IC, including the requisite representation of an external member to ensure impartiality and transparency.

The session also provided a comprehensive guide on filing complaints—who can file them, against whom, and the essential details required in a formal complaint. Dr. Sharma clarified the procedural aspects, highlighting the Dos and Don'ts for complainants and IC members alike, ensuring adherence to due process. She further elaborated on the duties of employers, including their responsibilities in creating a POSH-compliant workplace and the legal consequences of failing to meet these requirements.

Through detailed explanations of the POSH Act and practical insights, participants gained a nuanced understanding of managing workplace harassment cases. Dr. Sharma's session underscored the importance of providing support to victims while maintaining legal adherence and fostering a culture of accountability and respect.





Image No: 247 Image No: 248

Session 3: Handling Complaints and Legal Procedures

The post-lunch session, led by Dr. Lipika Sharma, centred on the procedural framework for managing sexual harassment complaints in the workplace. Dr. Sharma began by outlining the critical steps in the complaint process, including reporting mechanisms, the procedure for filing complaints, and actions to be taken during the pendency of an inquiry. Participants were guided through the investigative process, with a strong emphasis on maintaining confidentiality and ensuring comprehensive support for complainants throughout the inquiry.

The session also explored institutional and legal requirements necessary for compliance, including the importance of procedural fairness and adherence to the POSH Act. Dr. Sharma provided insights into institutional policies, detailing the responsibilities of employers and the Internal Complaints Committee (ICC) during investigations. Real-world case studies were presented to illustrate common challenges and highlight best practices for effectively addressing and resolving complaints.

Dr. Sharma further emphasised the importance of ensuring confidentiality to protect the dignity of all parties involved, fostering a safe and supportive environment for complainants. Participants gained an understanding of how institutional policies and legal frameworks converge to ensure fairness and accountability.

The session concluded with an interactive Q&A segment, allowing attendees to clarify doubts and explore practical ways to integrate these procedures into their organisations. This open dialogue encouraged participants to share concerns, enabling them to leave with actionable strategies for fostering a respectful and harassment-free workplace.





Image No: 249 Image No: 250

Session 4: Criminal Law Relating to Women

Dr. Krishna Shetty returned to lead the final session of the day, focusing on criminal law as it relates to sexual harassment, particularly addressing the legal nuances surrounding rape and

other forms of exploitation. Dr. Shetty began by explaining the concept of consent in great detail, drawing from real-life examples and legal precedents to illustrate what constitutes valid consent, and highlighting the importance of understanding the boundaries between consent and coercion. Dr. Shetty discussed various forms of exploitation that can occur in the workplace and provided actionable preventive strategies to safeguard against them. He offered practical recommendations on fostering a gender-sensitive, respectful, and supportive workplace culture, ensuring that employees understand their rights and responsibilities. In addition, Dr. Shetty revisited key topics covered throughout the day, tying them back to the broader legal, institutional, and organisational strategies aimed at combating harassment. The discussion included preventive measures, such as regular awareness programs, training, and the establishment of clear reporting mechanisms, as well as how these steps can help in building a culture that respects the rights of women and promotes equality.



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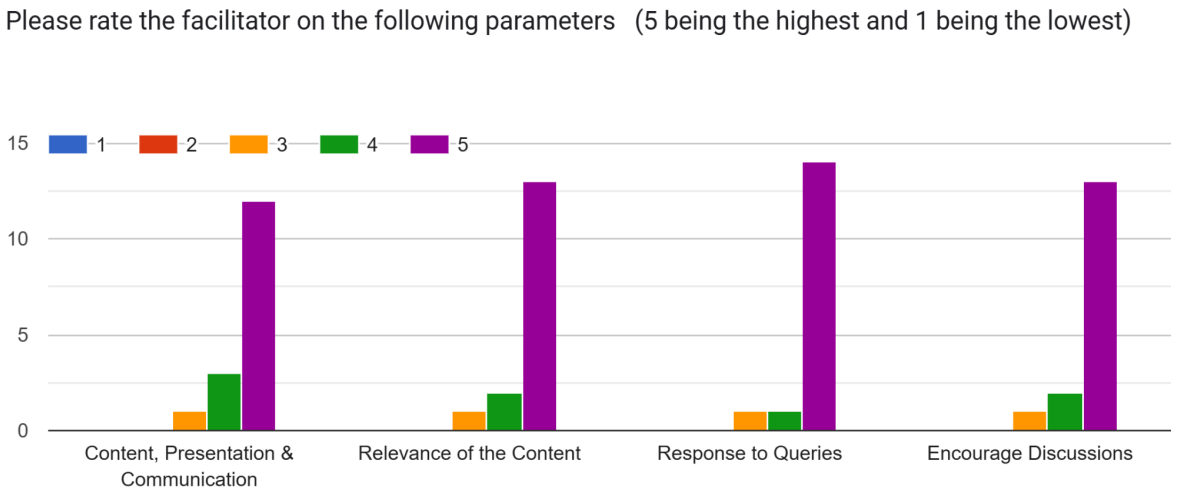


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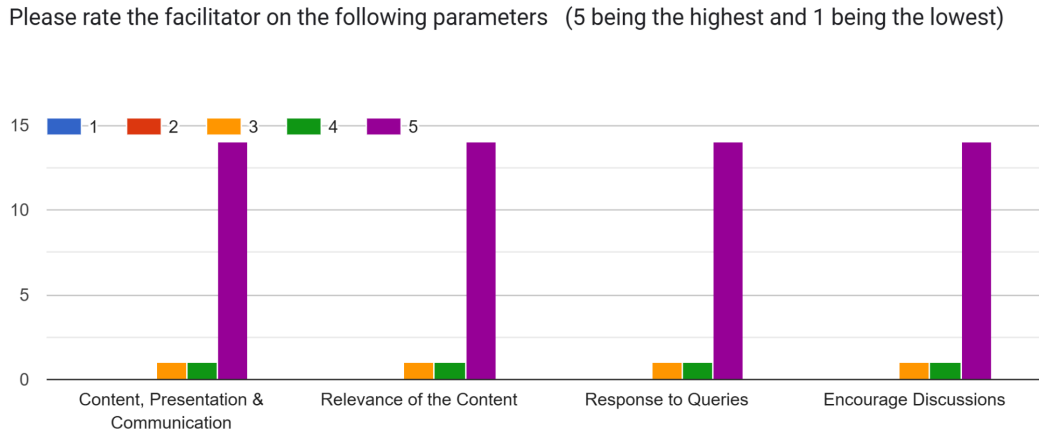
Feedback Analysis:

No of Participants	**42**
Feedback Received	**24**
Facilitator Feedback: Dr Lipika Sharma	**4.68**
Facilitator Feedback: Dr Krishna Shetty	**4.79**
Overall Feedback Analysis	**4.64**

Facilitator Feedback: Dr Lipika Sharma

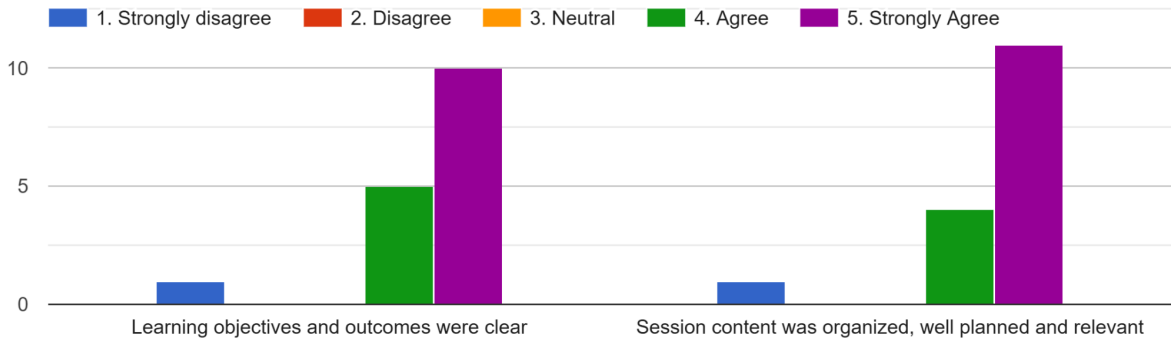


Facilitator Feedback: Dr Krishna Shetty



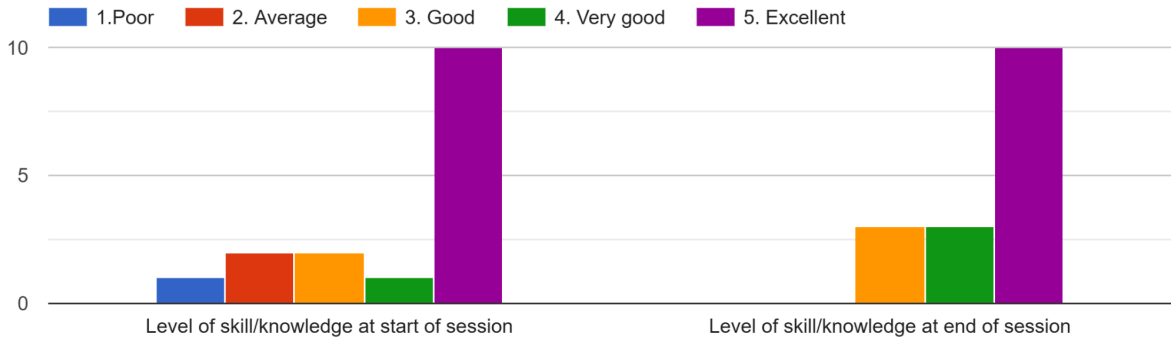
Session & Content Feedback:

2. Session Content (5 being the highest and 1 being the lowest)



Learning Outcomes Feedback Analysis:

3. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Poster of the FDP:



Faculty & Staff Development Centre
(AIU-SVU FSDC'S AADC)

Report on the Workshop: Research Writing for Top Journals: From Manuscript to Publication

Dated: 14th – 15th December 2024

The Faculty & Staff Development Centre (FSDC), Somaiya Vidyavihar University (SVU), recognised by the Association of Indian Universities (AIU) as AIU-SVU FSDC's AADC organised a two-day online workshop titled 'Research Writing for Top Journals: From Manuscript to Publication' on 14th and 15th December 2024. This workshop aimed to enhance the research writing and publishing skills of participants, including research scholars, early career researchers, and faculty members. The program provided comprehensive guidance on constructing well-structured research papers, proper referencing and citation practices, and selecting appropriate high-quality journals for publication. It also explored the effective integration of Generative AI tools in research processes.

Day 1:14th December 2024

The workshop commenced with an inauguration ceremony accompanied by the Somaiya campus prayer. Ms. Shreya Nair, Program Manager, Faculty & Staff Development Centre, Somaiya Vidyavihar University, introduced the facilitator, Dr. Prasenjit Chatterjee, Professor and Dean, MCKV Institute of Engineering.

Session 1: Referencing Styles and Citation

Dr. Prasenjit Chatterjee, Professor and Dean, MCKV Institute of Engineering, began the first session on "Referencing Styles and Citation." He emphasized the importance of appropriate referencing and in-text citations in academic writing. Dr. Chatterjee discussed various referencing styles, including APA, MLA, IEEE and Chicago, and provided valuable insights into how to apply these styles effectively in research papers. Participants learned the significance of accurate citation to avoid plagiarism and maintain academic integrity.

Additionally, Dr. Chatterjee highlighted best practices for citation, such as avoiding footnotes and ensuring proper citation formatting. He stressed the importance of correctly using author names and surnames to maintain consistency and accuracy in referencing.

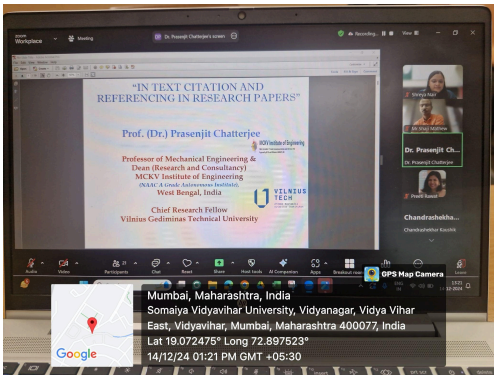




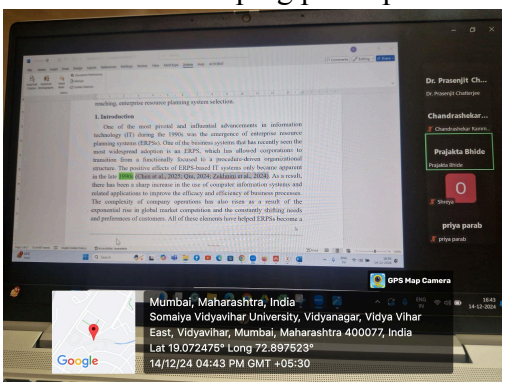
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Session 2: Appropriate use of Reference Management tools in Citation & how to choose high quality journals for publication - ABDC, Scopus, WoS, SC

In the second session, Dr. Chatterjee expanded on the use of reference management tools such as Zotero, and Mendeley. He explained how these tools can streamline the citation process, allowing researchers to manage their references efficiently.

The session also provided a comprehensive guide on selecting high-quality journals for publication. Dr. Chatterjee emphasized factors such as the journal's aims and scope, types of articles published, peer review process, reference citation style, editorial board, and publisher credibility. He underscored the significance of indexing in databases such as Scopus and Web of Science (WoS) to ensure journal quality.

Dr. Chatterjee further elaborated on advanced metrics like the journal's quartile ranking, source normalized impact per (SNIP) score, and impact factor, which are essential for evaluating a journal's reputation. Participants were guided on assessing a journal's index, publication timelines, and the time taken from submission to the first decision. These insights were crucial in helping participants navigate the publishing landscape effectively.



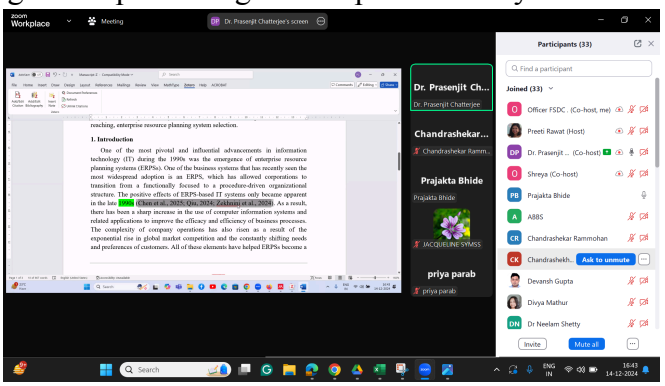


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Day 2: 15/12/2024

Session 1: Writing a Research Paper - How to write a research paper & Constructing effective introduction, & literature review.

Dr. Preeti Rawat, Director of Faculty & Staff Development Centre at Somaiya Vidyavihar University, conducted a session on "Writing a Research Paper," covering key topics such as manuscript preparation, writing an introduction and literature review, and selecting the right journal. She emphasized the importance of clearly articulating research objectives and creating a strong theoretical framework in the literature review. Dr. Rawat explained how a cohesive narrative aligns the research question, introduction, and literature review to set the study's purpose and address research gaps. She also stressed the need for concise, descriptive titles and compelling abstracts that reflect the study's objective, methodology, findings, and implications.

The session also addressed word limits, including references, tables, and appendices, with a suggestion to allow flexibility for revisions. Dr. Rawat highlighted the significance of citing recent studies, supporting hypotheses with theory, and detailing research methodology to enhance credibility. She advised selecting reputable journals indexed in Scopus or Web of Science, considering impact factor, quartile ranking, SNIP score, and journal scope, and avoiding predatory journals with poor peer reviews and high fees. Dr. Rawat emphasized quality control through proper language editing, adherence to journal guidelines, and objectivity in writing while encouraging persistence in handling rejections and feedback. The session concluded with the key attributes of a strong research paper: conciseness, storytelling, technical precision, and the value of collaboration and networking in scholarly discussions.

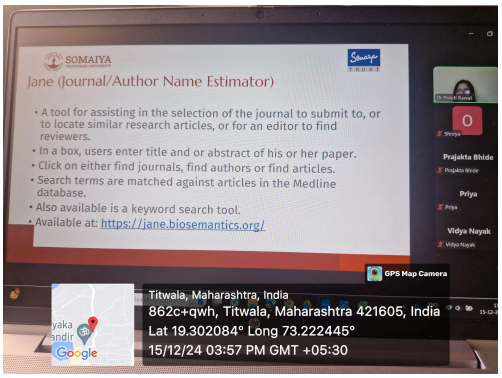


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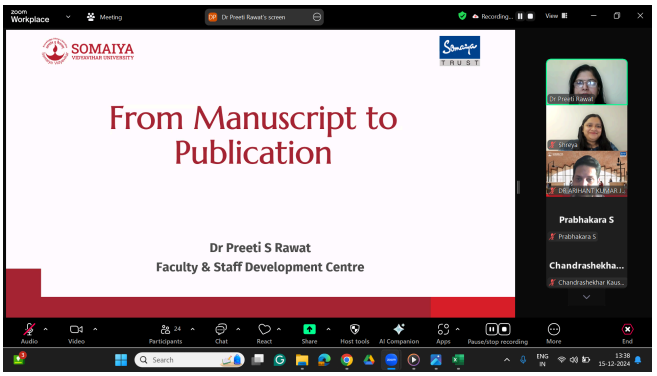


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Session 2: Leveraging Generative AI Tools for Research

The final session of the workshop was conducted by Ms. Shreya Nair, Program Manager, FSDC, Somaiya Vidyavihar University. Ms. Nair provided an in-depth overview of the use of Generative AI tools to enhance research processes.

She began by explaining the role of AI tools, emphasizing their use as supportive aids rather than replacements for human intelligence. Ms. Nair also warned participants about the strict policies of reputed institutions regarding plagiarism associated with AI-generated content.

Ms. Nair demonstrated tools like Pop AI, Ask CSV, Chat with PDF, and Research Rabbit, showcasing their role in data analysis, literature reviews, and citation management. She emphasised the need for researchers to understand their data rather than relying solely on AI tools. Addressing ethical concerns, she clarified that while tools like Chat GPT and Research Rabbit do not require disclosure for citation management, AI-generated content must be disclosed to avoid violations. She also introduced Typeset, Scribble, Power BI, and Pop AI for tasks such as visualisation, flowcharts, and citation management, while cautioning against overdependence on these tools due to their limitations.

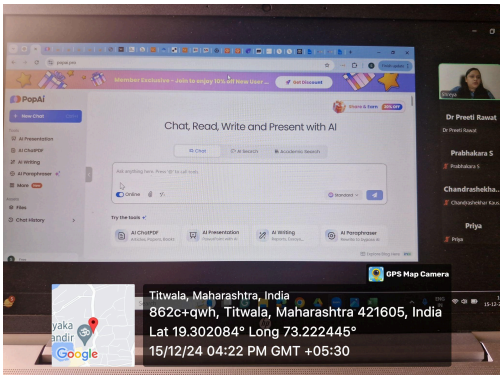


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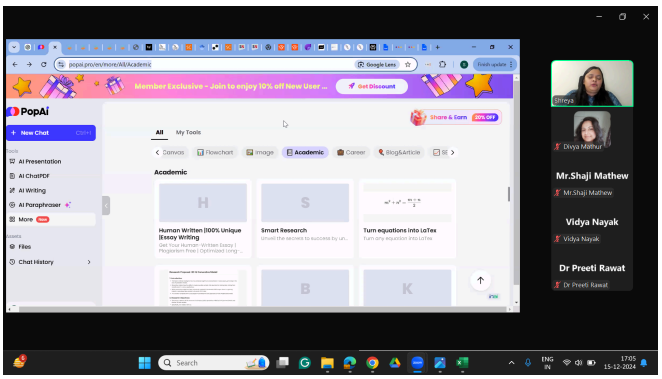


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The session concluded with an engaging discussion on the ethical use of AI tools, their limitations, and their potential to complement human intelligence in research. Dr. Rawat and Ms. Nair addressed participants' questions and doubts, offering insightful clarifications and practical solutions to their concerns. Participants shared live feedback, expressing their appreciation for the facilitators' efforts and the valuable insights gained during the session. The day ended with a group photograph, capturing the collaborative spirit and enthusiasm of all present.

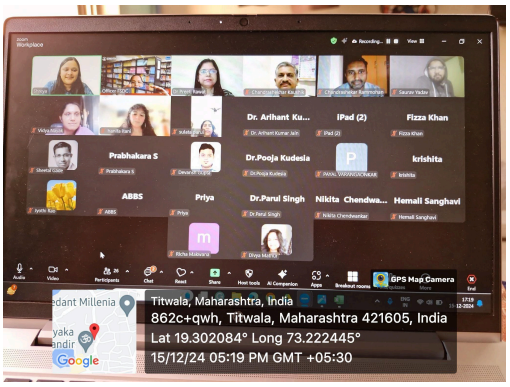


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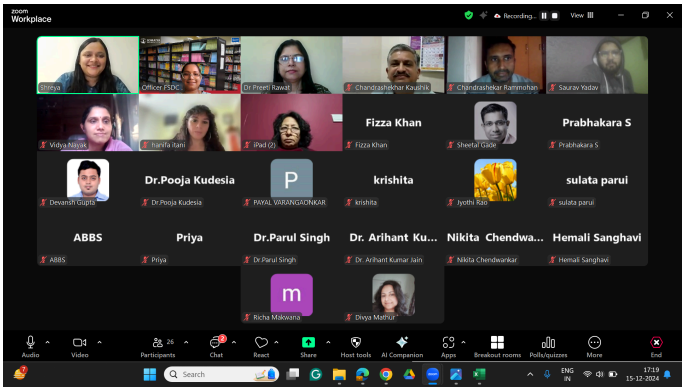


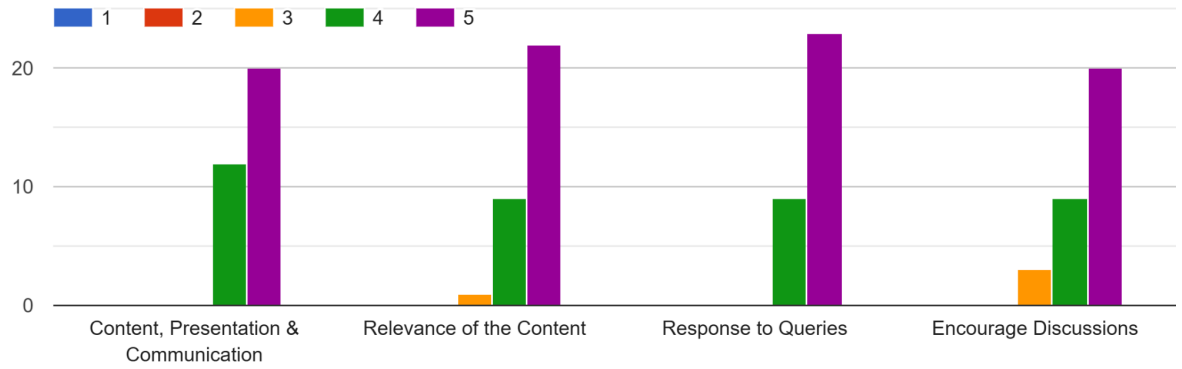
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Feedback Analysis:

No of Participants	**38**
Feedbacks Received	**35**
Facilitator Feedback: Dr. Prasenjit Chatterjee	**4.6**
Facilitator Feedback: Dr Preeti Rawat	**4.7**
Facilitator Feedback: Ms Shreya Nair	**4.7**
Overall Feedback Analysis	**4.6**

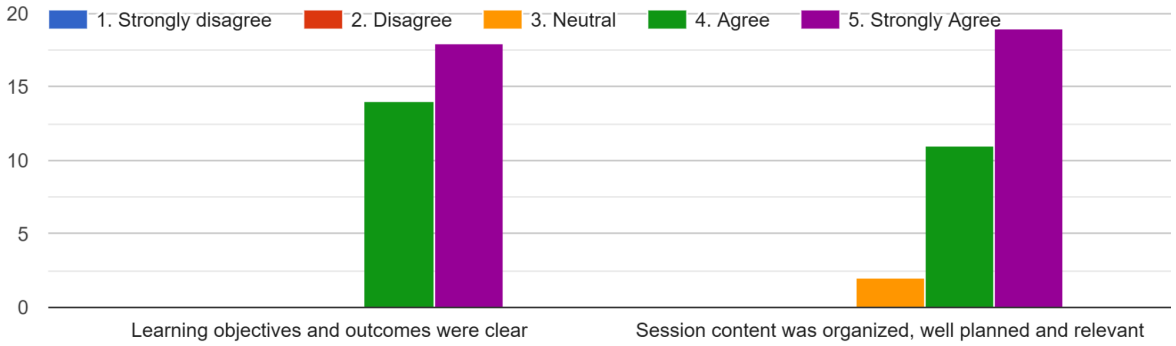
Facilitator Feedback Analysis: Dr. Prasenjit Chatterjee

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



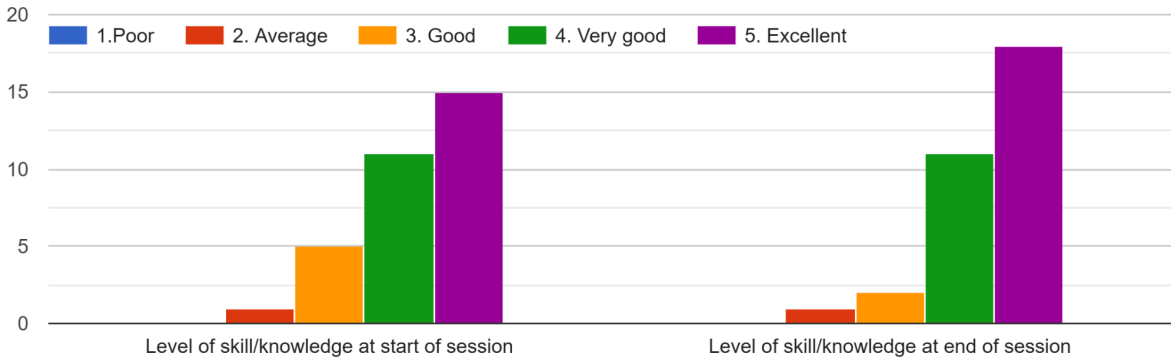
Session and Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



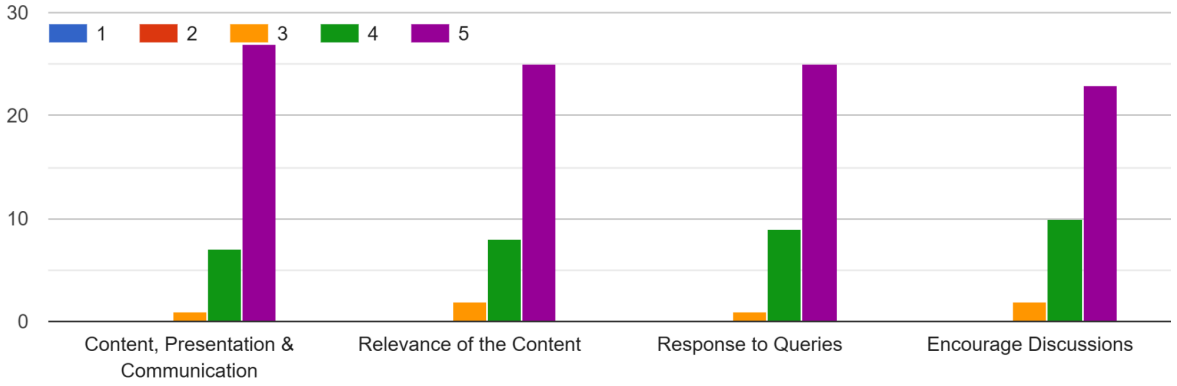
Learning Outcome Analysis:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



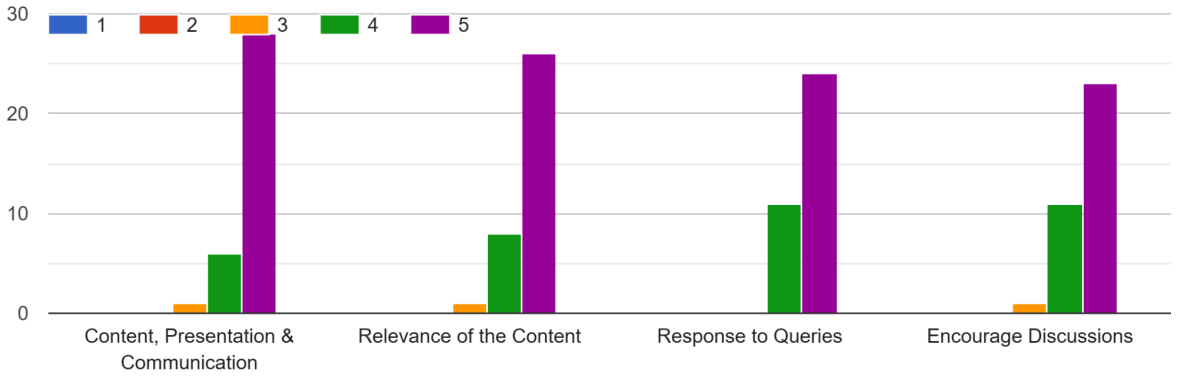
Facilitator Feedback: Dr Preeti Rawat

1. Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



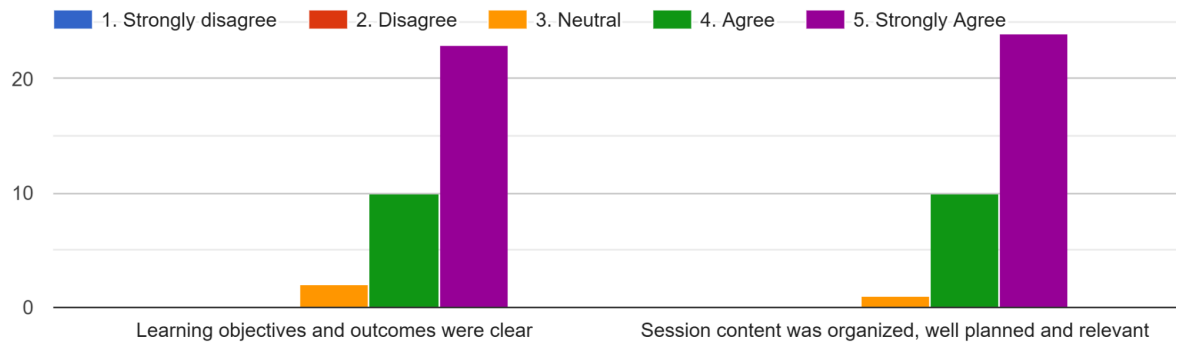
Facilitator Feedback: Ms Shreya Nair

1. Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



Session and Content Feedback:

1. Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

2. Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Poster of the workshop:



Faculty & Staff Development Centre (AIU-SVU FSDC'S AADC)

In collaboration with

Commonwealth Educational Media Centre for Asia (COL-CEMCA),

And

Association of Indian Universities (AIU) – Academic and Academic Development Centres (AADCs).

Report on FDP: Empowering Higher Education Institutions in Technology-enabled and Blended Learning

Dated: 13th to 17th January 2025

Day 1: 13th January 2025

Inauguration Ceremony:

The Faculty & Staff Development Centre (FSDC), Somaiya Vidyavihar University (SVU), recognised by the Association of Indian Universities (AIU) as AIU-SVU FSDC's AADC, in collaboration with the Commonwealth Educational Media Centre for Asia (COL-CEMCA), and the Association of Indian Universities (AIU) – Academic and Academic Development Centres (AADCs), successfully launched the 5-day FDP on *Empowering Higher Education Institutions in Technology-enabled and Blended Learning*. This FDP is designed to empower faculty and academic leaders with practical insights into leveraging technology-enabled learning to enhance the teaching and learning process. The FDP focused on the Institutional Blended Learning Policy (IBLP) template, blended learning practices, and tools like LMS, OERs, and MOOCs, aligning with NEP 2020 goals for inclusive and innovative education.
The FDP was attended by 245 participants, including faculty members and research scholars.

The inauguration commenced with the Somaiya Campus Prayer, followed by the context setting by Dr. Preeti S. Rawat, Director, Faculty & Staff Development Centre, Somaiya Vidyavihar University, Mumbai. Dr. Rawat set the stage for the FDP by introducing the FDP's theme; she emphasised the significance of technology integration in today's educational environment and outlined the FDP's key objectives. Dr Rawat explained that the FDP was designed to sensitise and equip participants with a deeper understanding of NEP 2020's vision for integrating technology into education. Dr Rawat briefly introduced the

FSDC by highlighting the centre's core mission to enhance faculty and staff development through targeted training and skill-building initiatives.

Prof. V. N. Rajasekharan Pillai, Vice Chancellor, Somaiya Vidyavihar University, delivered the welcome address, emphasising the critical role of technology in modern education while reaffirming that teachers remain the key to providing quality education. He stressed the need to equip educators with the appropriate technological tools. He noted the rapid growth of India's university system, with over 1,200 institutions catering to the increasing demand for higher education. Prof. Pillai highlighted the growing influence of private universities, the importance of maintaining quality in the face of expansion, and the need for innovative initiatives to transform higher education. He called for active collaboration with partner organisations like COL-CEMCA and AIU to advance educational initiatives.

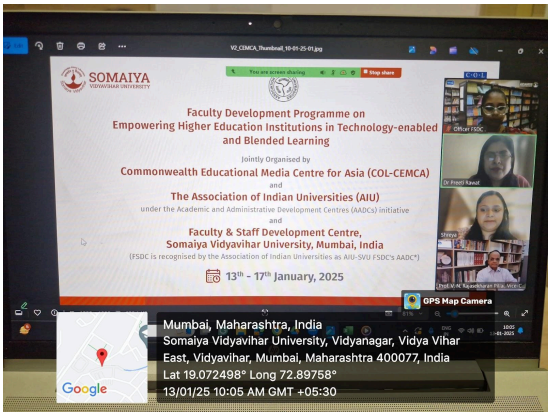




Image No: 263 Image No: 264

Post the welcome address, Dr. B. Shadrach, Director, COL-CEMCA, New Delhi, provided an overview of the FDP. He outlined the objectives of the 5-day FDP, which was designed to equip participants with the knowledge and skills to incorporate technology into their teaching practices, preparing them for the demands of the 21st-century workforce. Dr. Shadrach emphasized the importance of leveraging technology for education and the need for a multidisciplinary approach. He also spoke about granting greater autonomy to higher education institutions to foster innovation.

Following the overview, Dr. Pankaj Mittal, Secretary General, Association of Indian Universities, New Delhi, delivered the keynote address. She expressed gratitude for the opportunity to discuss the vital role of technology integration in higher education, particularly in teaching, learning, research, and governance. She emphasised the necessity of adopting innovative practices and leveraging technology to align with the National Education Policy

(NEP) 2020 vision.



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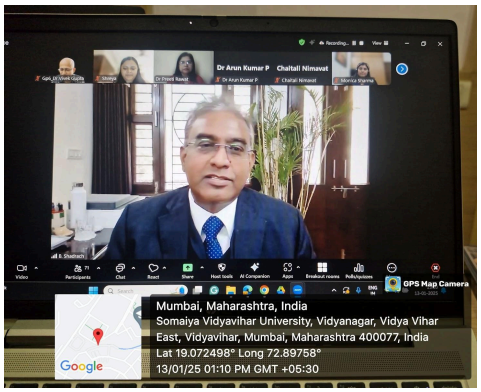


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Group Presentations Assignment:

After the conclusion of the inaugural session, the participants were engaged in the group activity in the breakout rooms. The activity involved summarizing the essence of the NEP 2020 videos from the COL CEMCA website. There were 110 attendees, divided into six groups, each assigned a specific module. In breakout rooms, the groups had 45 minutes to create and present their insights on topics such as:

Group 1 presented on Modules 1 and 2. Their presentation focused on the guiding principles of NEP 2020, aiming to transform India's education system for greater inclusivity, quality, and accessibility; and highlighted the challenges faced by higher education, such as outdated curricula, and proposed key reforms like institutional autonomy and interdisciplinary learning.

Group 2 presented on Modules 3 and 4. They discussed transforming institutions into multidisciplinary hubs for holistic education and explained the National Credit Framework (NCrF), which enables credit accumulation and transfer for flexible learning pathways.

Group 3 presented on Modules 5 and 6. They spoke on the Academic Bank of Credit (ABC) and Multiple Entry Multiple Exit (MEME) systems, offering flexible options for students to enter or exit programs at various stages; they also discussed the four-year UG program with multiple entry-exit points for a more adaptable academic experience.

Group 4 presented on Modules 7 and 8. Their presentation focused on Outcome-Based Education (OBE), emphasising measurable learning objectives, and covered learner-centred innovative pedagogy, advocating for personalised and interactive learning methods.

Group 5 presented on Modules 9 and 10. They presented the assessment strategies, moving away from traditional exams to more holistic evaluations, and discussed the integration of

ICT in teaching, learning, and assessment, enhancing personalised learning and real-time feedback.

Group 6 presented on Modules 11 and 12. Their presentation emphasised the importance of digital, online, and blended learning for flexible education. They also discussed educational software and Open Educational Resources (OER), which promote self-directed learning and global knowledge sharing.

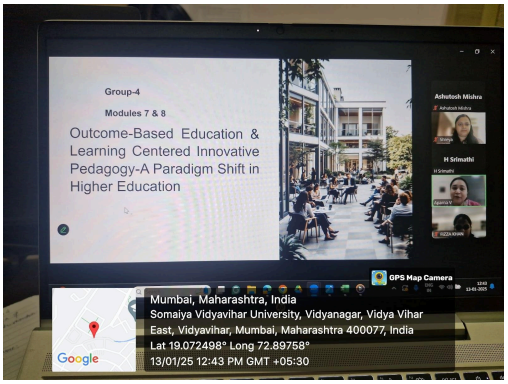


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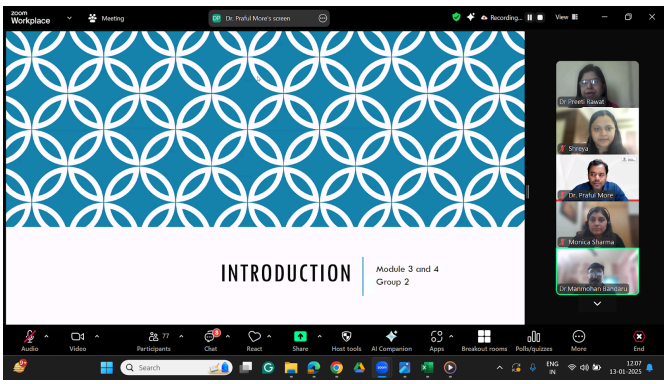


Image No: 268

Each group presented their findings based on these modules, offering insights into how NEP 2020 is reshaping the educational landscape. After each presentation, feedback was provided, ensuring the clarity and depth of each group's understanding.

The FDP concluded with Dr. B. Shadrach delivering the endnote. He highlighted the importance of implementing NEP 2020 over the next 10-15 years to transform India's higher education system. He emphasised the opportunity for participants to receive certification upon completing all modules and quizzes. Dr. Shadrach encouraged participants to continue engaging with the NEP 2020 content and work towards its implementation at their respective institutions.

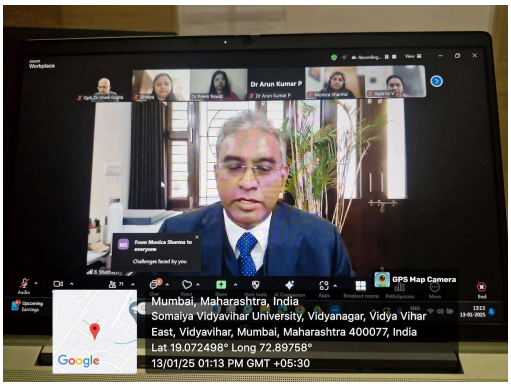


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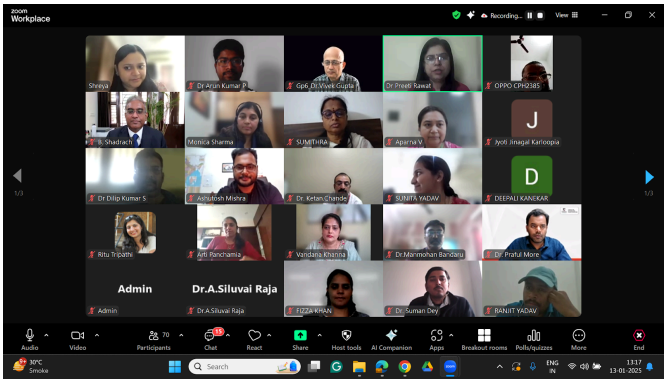


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Day 2: 14th January 2025
Session 1: Concept and Scope of TEL, Role of TEL in BL Approaches

The session led by Dr Santosh Panda, Professor - Distance Education, Staff Training and Research Institute of Distance Education (STRIDE), Indira Gandhi National Open University (IGNOU), New Delhi, focused on the transformative role of technology-enabled learning (TEL) in blended learning (BL) approaches, aligning with the National Education Policy (NEP) 2020 and the National Credit Framework (NCrF) 2023, the session had 88 live participants. Dr. Panda highlighted blended learning as more than a combination of online and in-person methods, focusing on creating personalised, learner-centric environments that integrate key elements such as students, teachers, technology, and institutional support.

He discussed the NCrF's 50-50 credit system, which balances theory and practical application, offering students diverse credit-earning opportunities, including online platforms like SWAYAM and interdisciplinary studies. The session also traced TEL's evolution from traditional tools to AI-powered systems and introduced Web 5.0, aiming to embed human emotions and wisdom into learning. Creative teaching strategies, open educational resources, and case-based methods were emphasised as ways to enhance learning outcomes. Dr. Panda concluded by urging institutions to develop blueprints for TEL integration and adapt to policy advancements to improve the quality of education.

The session concluded with an engaging Q&A session and a group assignment, where participants were tasked with creating an Institutional Blueprint on Blended Learning (BL) and Technology-Enhanced Learning (TEL), covering institutional vision, programmes, technology infrastructure, BL initiatives, and the role of TEL in addressing these initiatives.

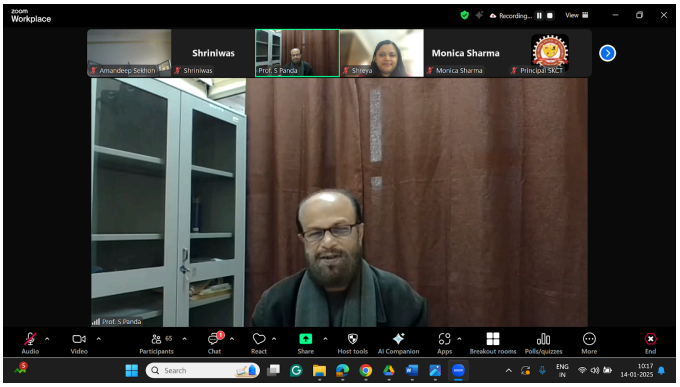


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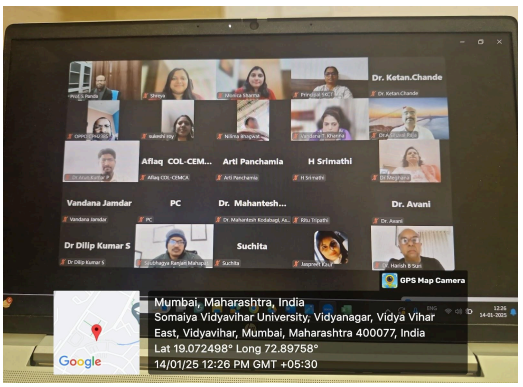


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Day 3: 15th January 2025

Session 1: Use of OERs, MOOCs, and LMS in Teaching and Learning

The session on day 3, led by Prof. Jeetendra Pandey, Director, e-learning, Haldwani, Uttarakhand Open University, centred on the significance of Open Educational Resources (OERs), Massive Open Online Courses (MOOCs), and Learning Management Systems (LMS) in contemporary education, had 83 attendees. Prof. Pandey highlighted the accessibility, cost-effectiveness, and adaptability of OERs, aligning them with the National Education Policy (NEP) 2020's vision of technology integration. He elaborated on the 5R principle—reuse, revise, remix, retain, and redistribute—and showcased a range of OER platforms, including OpenStax, MERLOT, and India-specific resources such as NPTL and Virtual Lab Projects.

The session also included a quiz that assessed participants on the topics covered, effectively reinforcing key concepts and ensuring the retention of the session's core lessons.

The session also explored the significance of licensing, focusing on Creative Commons (CC) licenses, which allow creators to share their work under specific conditions. Prof. Pandey elaborated on the six primary types of CC licenses, stressing the importance of adhering to licensing terms, especially when utilising OERs in online education, and highlighted proper attribution as an essential practice. The session concluded with an engaging Q&A segment, where participants received clarity on licensing challenges and the practical applications of OERs.

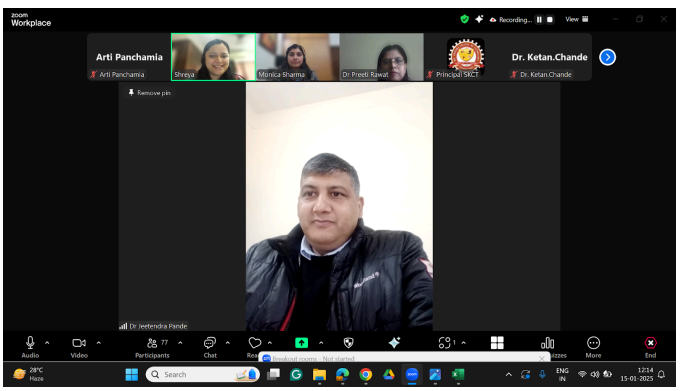


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Image No: 274

In his closing remarks, Dr. B. Shadrach, Director of COL-CEMCA, New Delhi, highlighted the transformative role of Open Educational Resources (OER) in enhancing education quality and enriching learning experiences. He encouraged participants to integrate OER into their daily teaching practices, emphasising its ability to strengthen learning communities and promote lifelong learning. Dr. Shadrach also shared insights into COL-CEMCA's support for institutions in developing OER policies and repositories. Additionally, he underscored the

potential of OER to improve content quality through peer review and active community engagement.

Dr. Preeti Rawat, Director, Faculty & Staff Development Centre, SVU, expressed her gratitude for the insightful session, noting that even experienced educators have much to learn from such initiatives she also thanked COL-CEMCA for organising the FDP and conveyed her enthusiasm for the upcoming session.

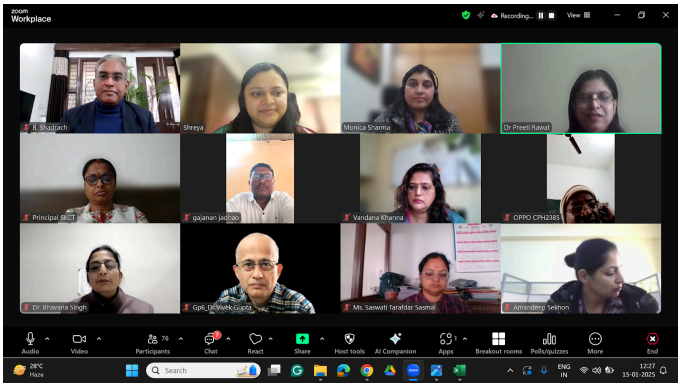


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Day 4: 16th January 2025
Session 1: Skilling and Graduate Employability

The session, led by Dr. Ashish Awadhiya, Consultant, COL-CEMCA & Assistant Director, Training and Development, IGNOU, New Delhi, focused on empowering higher education institutions through technology-enabled and blended learning to enhance employability, and it had 90 attendees. In the session, Dr Awadhaiya began by defining employability as the skills and competencies needed for success in the workforce, stressing the importance of both hard and soft skills such as communication, adaptability, and problem-solving. Dr. Awadhiya emphasised that these skills are critical to navigating the rapidly changing job market and securing meaningful employment.

Dr. Awadhiya highlighted key regulatory documents such as the National Education Policy 2020 and the National Skill Qualification Framework, which aim to align education with market needs and promote skills development. He stressed that these documents are essential for ensuring that educational practices reflect the current demands of the global workforce, thereby helping students gain relevant and applicable skills. Dr. Awadhiya also introduced the Academic Bank of Credit (ABC), explaining how it enables students to accumulate and transfer credits across institutions, supporting flexible, multidisciplinary education and lifelong learning. He emphasised the potential of ABC to transform traditional education systems into more inclusive, adaptable frameworks.

The lecture further explored how employability skills are integrated into formal education, with recommendations for industry collaboration, career centres, and experiential learning. Dr. Awadhiya suggested that such collaborations are pivotal in creating a seamless transition from education to employment, preparing students with real-world skills. He concluded with an overview of the National Credit Framework, which supports the development of transferable skills as students progress in their careers. This framework, he noted, enables individuals to advance and diversify their skills in line with their evolving professional journeys.



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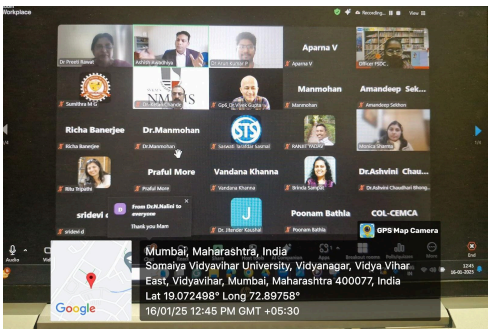
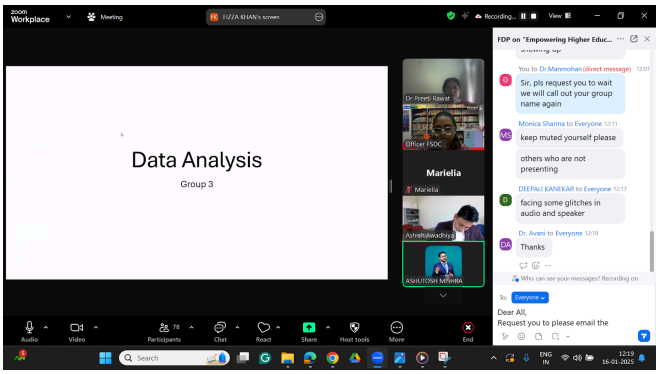


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In conclusion, Dr. Awadhiya's session provided valuable insights into how educational frameworks, technological advancements, and skill development initiatives can enhance employability and career growth. His emphasis on integrating academic knowledge with practical skills is critical for preparing students to thrive in today's competitive job market.Dr. Awadhiya's session also held a group activity where each group was assigned a specific skill; they were asked to explain the skill, its graduate attributes, how they would teach it, and expected student outcomes. The groups focused on key employability skills, such as communication, teamwork, critical thinking, and time management, exploring their importance and effective teaching methods. Dr. Preeti Rawat, Director, Faculty & Staff Development Centre, SVU, and Dr. Ashish provided feedback on each presentation, offering valuable insights for improvement and commended the group's thorough approach.



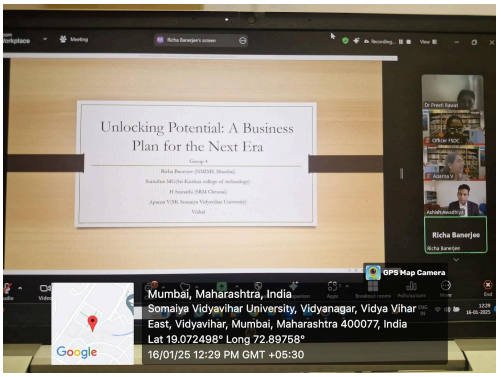


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In his closing remarks, Dr. Shadrach, Director of COL-CEMCA, New Delhi, delivered an impactful end note, emphasising the need to recognise youth employability as a multi-sectoral issue requiring collaboration between the government and private sectors. He advocated for developing a roadmap to transform institutions into creators of the future workforce, rather than mere distributors of degrees. Dr. Preeti Rawat concluded the session by thanking Dr. Shadrach for providing valuable context and highlighting the session's relevance at the macro, institutional, and faculty levels.

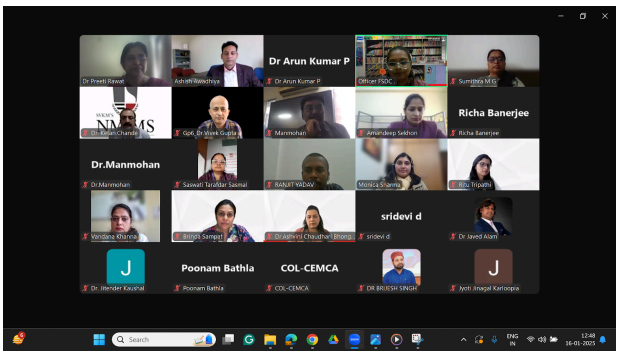




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Day 5: 17th January 2025
Session 1: Institutional Blended Learning Policy (IBLP)

The session was led by Ms Sheriya Sareen, Consultant at COL-CEMCA, PhD Scholar at IIT Jammu, and co-author of the Institutional Blended Learning Policy (IBLP) Template, the session had 100 attendees. Ms Sareen introduced the IBLP template as a strategic framework to guide higher education institutions in effectively implementing blended learning practices. She explained that the template is structured around key sections, including the preamble, vision, mission, definitions, scope, and policy statements. The policy statements, she elaborated, addressed eight critical areas, such as inclusive practices, teaching and learning, assessment, governance, capacity building, infrastructure, and privacy, providing a holistic approach to institutionalising blended learning.

Ms Sareen emphasised the significance of the IBLP template in offering a strategic direction while maintaining flexibility to adapt to the diverse contexts of higher education institutions. She noted that the template is designed to address the unique challenges faced in the Indian education system, such as connectivity issues, limited infrastructure, and gaps in content availability. By tailoring the framework to meet these challenges, she highlighted the

potential of the IBLP to bridge the digital divide, particularly between urban and rural institutions, and ensure equitable access to blended learning opportunities.

During the session, Ms Sareen focused on integrating education and technology as a cornerstone of advancing higher education in India. She underscored the pedagogical affordances of blended learning, including its capacity to foster innovation, improve cost efficiency, and provide greater flexibility in teaching and learning. Additionally, she discussed how blended learning can enable institutions to deliver personalised and engaging learning experiences, thereby equipping students with the skills necessary for the modern workforce.

Ms Sareen also addressed the challenges of implementing blended learning in the Indian context. She pointed out the existing skills gap among graduates and the pressing need for universalising higher education to reach underprivileged and underserved communities. Furthermore, she observed that while the National Education Policy (NEP) 2020 strongly advocates for blended learning, India currently lacks a dedicated national policy to guide its systematic implementation. She argued that this absence makes the IBLP template an essential tool for institutions to align their practices with national goals and global standards. Through her detailed explanations, Ms Sareen gave participants an in-depth understanding of the IBLP template and its potential impact on transforming higher education. Her session served as a call to action for institutional leaders and educators to embrace blended learning to enhance both the quality and accessibility of education.The session also featured a group activity where participants were divided into six breakout rooms to engage in a collaborative reading exercise. They were asked to skim through a document titled *"Towards Developing Blended Learning Policy at the Institutional Level"* and collectively reflect on how the IBLP template could be adapted for their respective institutions. Each group worked together to discuss the content, share insights, and complete a feedback form, providing practical suggestions for customising the template based on their institutional realities. This activity encouraged teamwork, critical thinking, and a deeper understanding of the template's applicability.

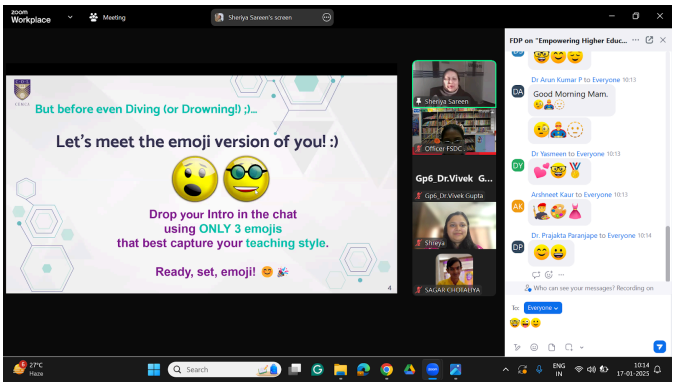


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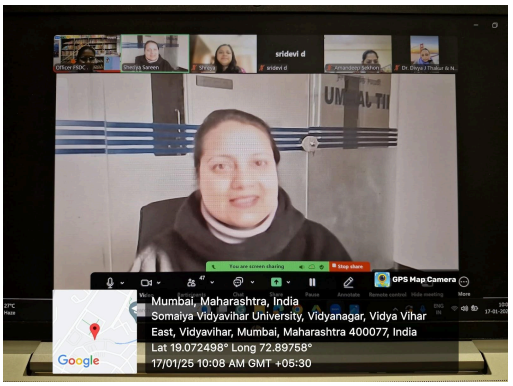


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In his concluding address, Dr B. Shadrach, Director of COL-CEMCA, New Delhi, highlighted the importance of implementing blended learning in universities and emphasised the need for a conducive environment for faculty members to adopt it. He also referred to the institutional blended learning policy template as a helpful tool to achieve this purpose. Dr Shadrach further underscored the relevance of blended learning in realising the goals of NEP 2020 and its potential to remain a mainstay in education, shaping the future of higher education in India.

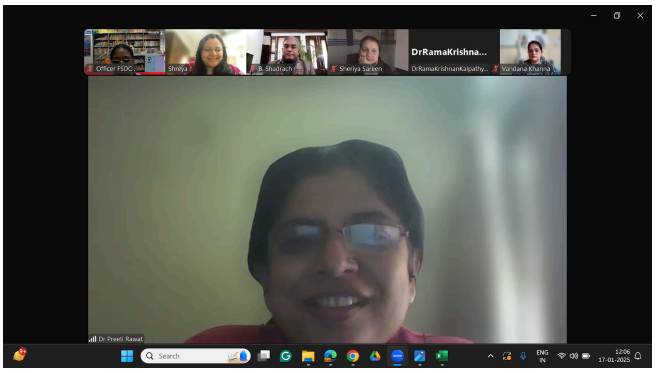


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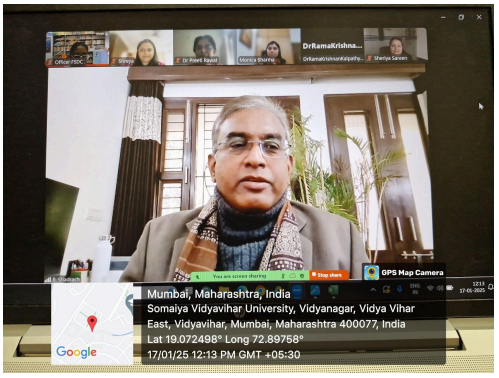


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Dr Preeti Rawat delivered the vote of thanks at the end of the session, expressing her gratitude to the Commonwealth Educational Media Centre for Asia (COL-CEMCA) and the Association of Indian Universities (AIU) for their support under the Academic and Administrative Development Centres (AADCs) initiative. In her closing address, Dr Rawat provided a comprehensive summary of the topics and discussions covered during the Faculty Development Programme (FDP). She highlighted the significant insights shared by the speakers, the activities undertaken, and the collaborative efforts that contributed to the FDP's success.

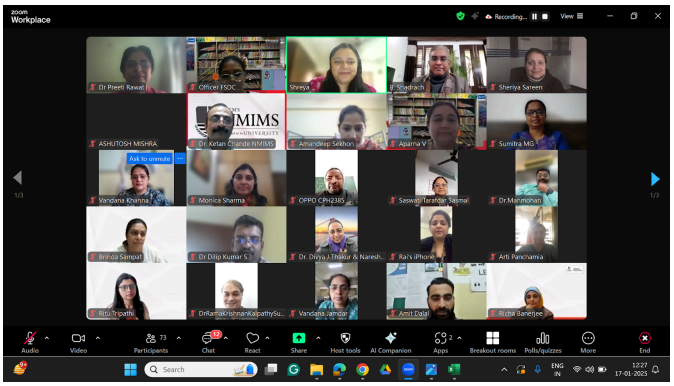


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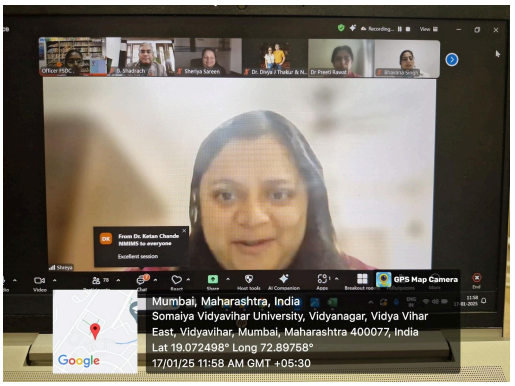


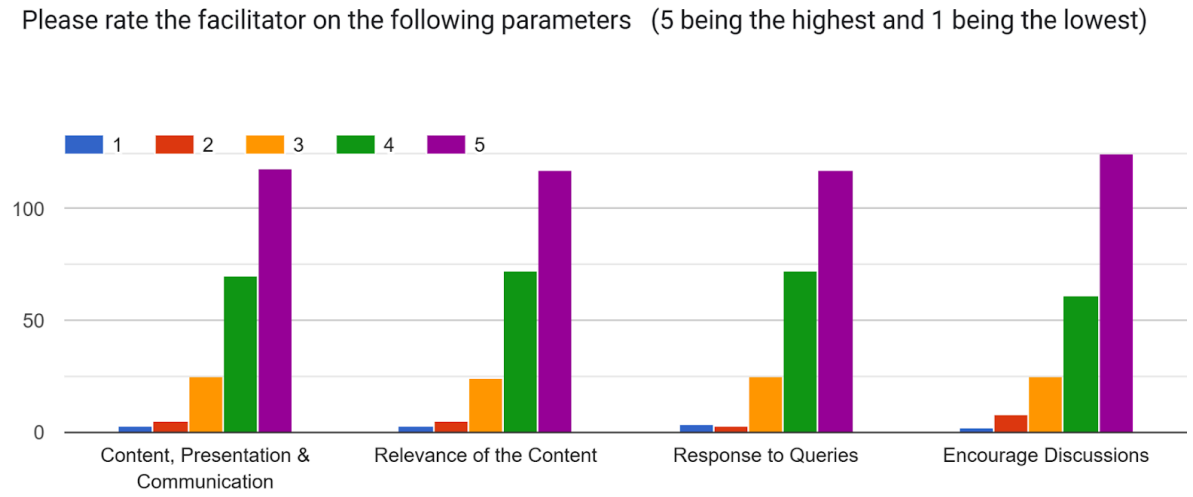
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Feedback Analysis:

No of Participants	**245**
Feedbacks Received	**160**
Facilitator Feedback: COL-CEMCA	**4.34**
Facilitator Feedback: Dr Santosh Panda	**4.39**
Facilitator Feedback: Prof. Jeetendra Pande	**4.54**
Facilitator Feedback: Dr. Ashish Awadhiya	**4.55**
Facilitator Feedback: Ms. Sheriya Sareen	**4.55**
Overall Feedback Analysis	**4.4**

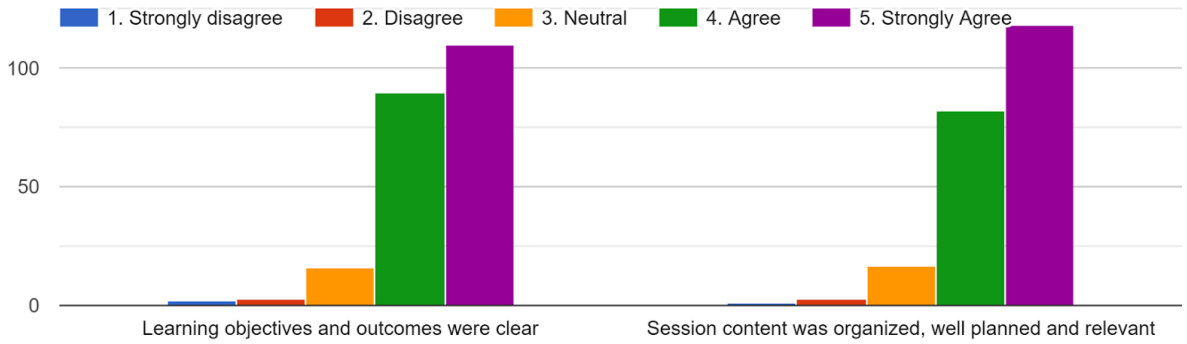
Day 1:

Facilitator Feedback: COL-CEMCA



Session and Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



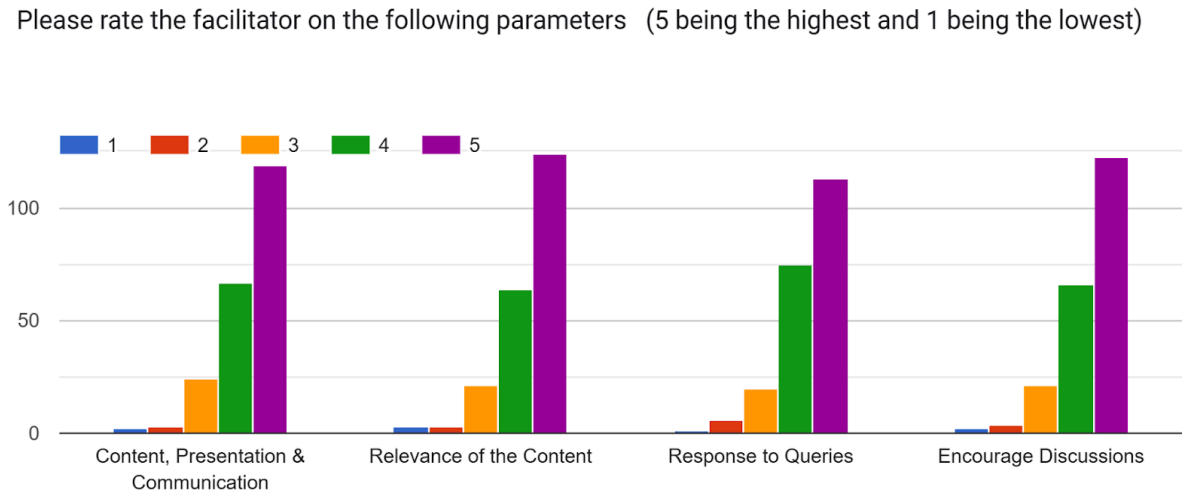
Learning Outcome Analysis:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)

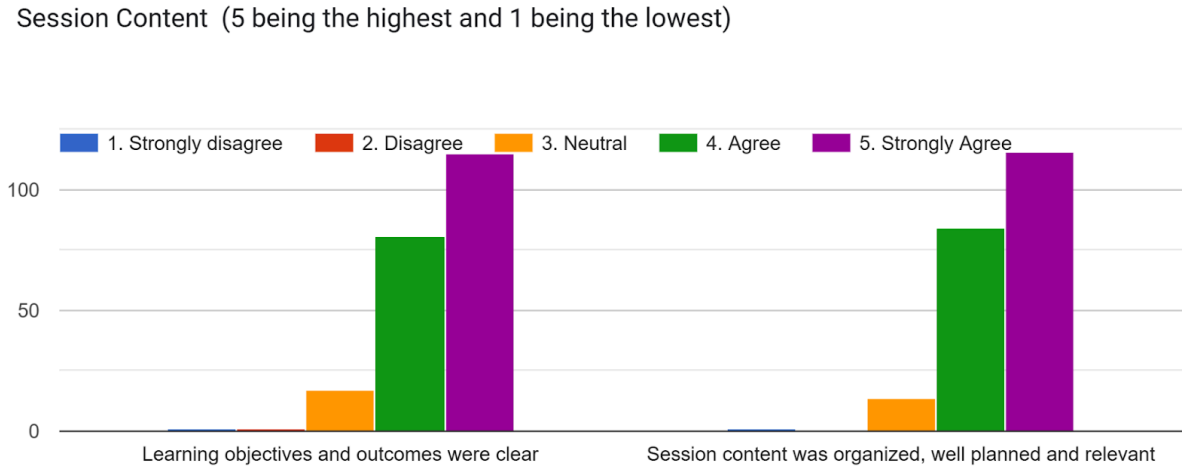


Day 2:

Facilitator Feedback: Dr Santosh Panda

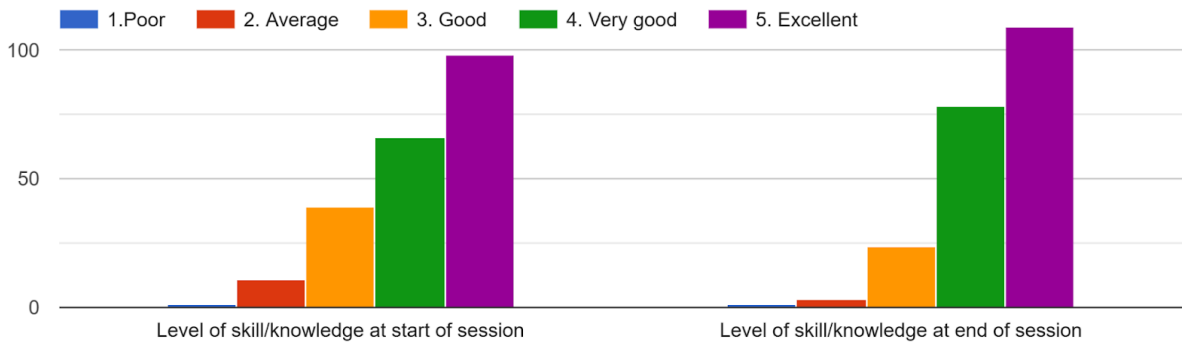


Session and Content Feedback:



Learning Outcome Analysis:

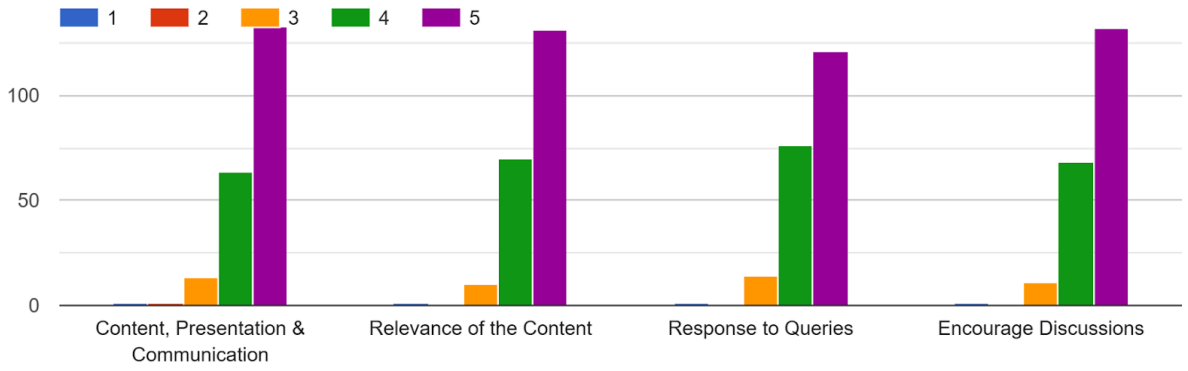
Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Day 3:

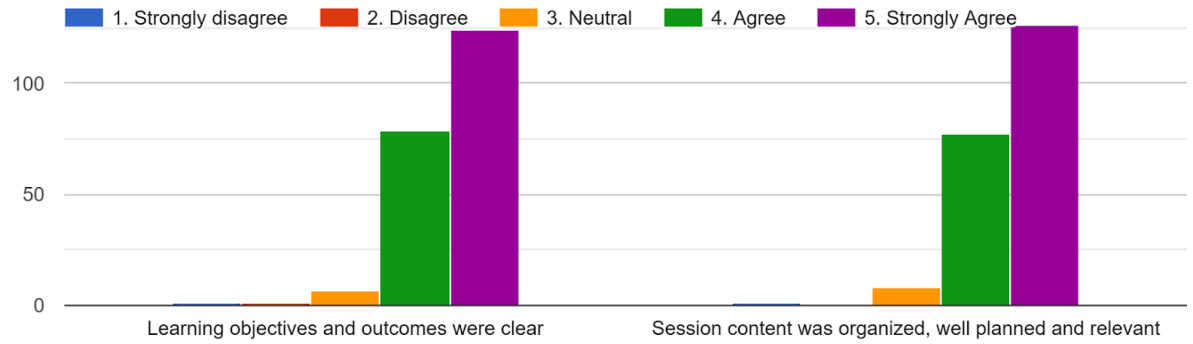
Facilitator Feedback: Prof. Jeetendra Pande

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



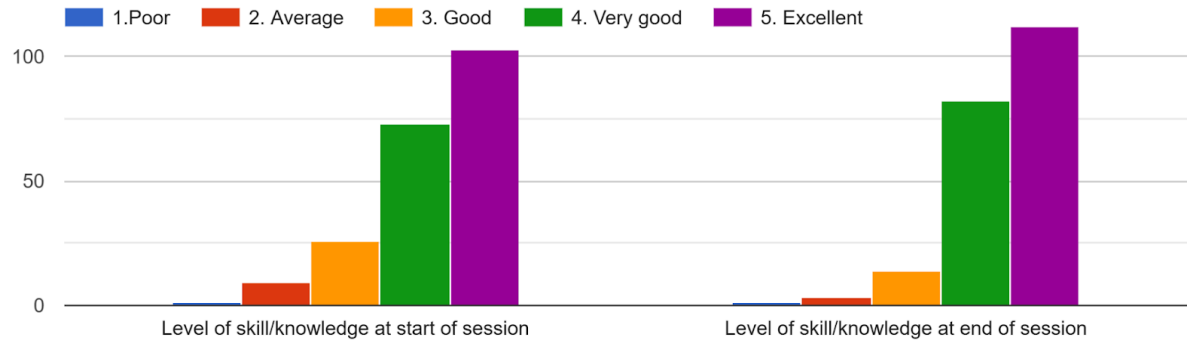
Session and Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



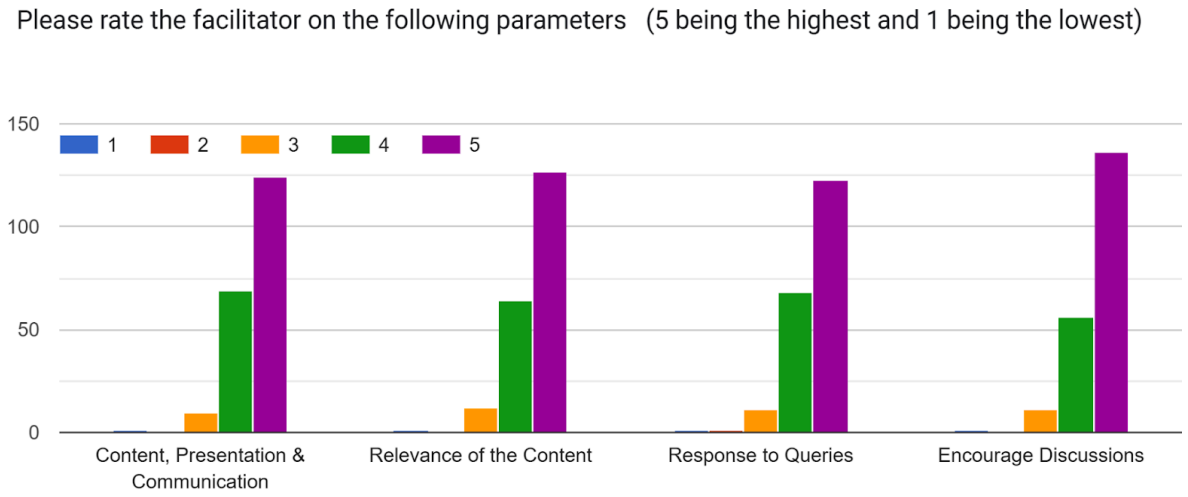
Learning Outcome Analysis:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)

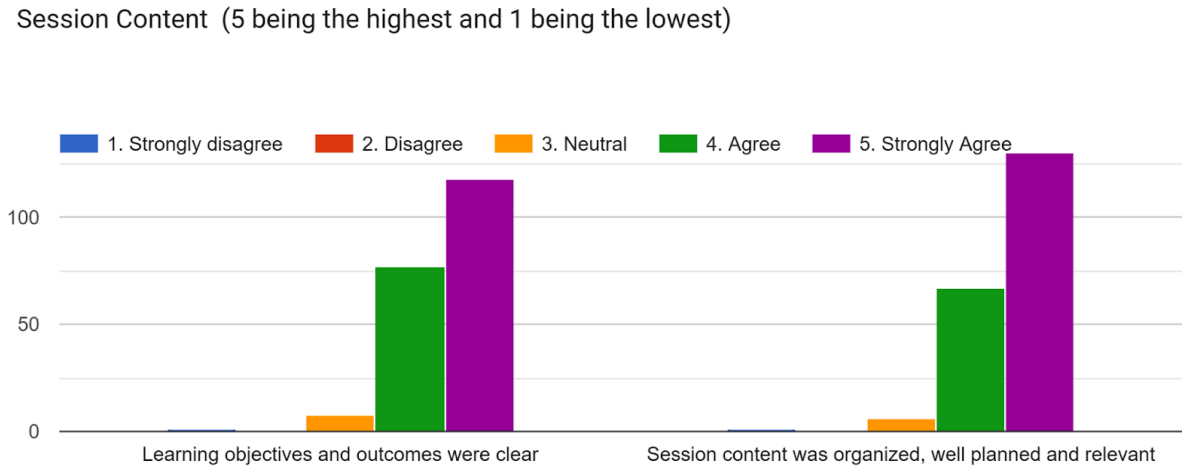


Day 4:

Facilitator Feedback: Dr. Ashish Awadhiya

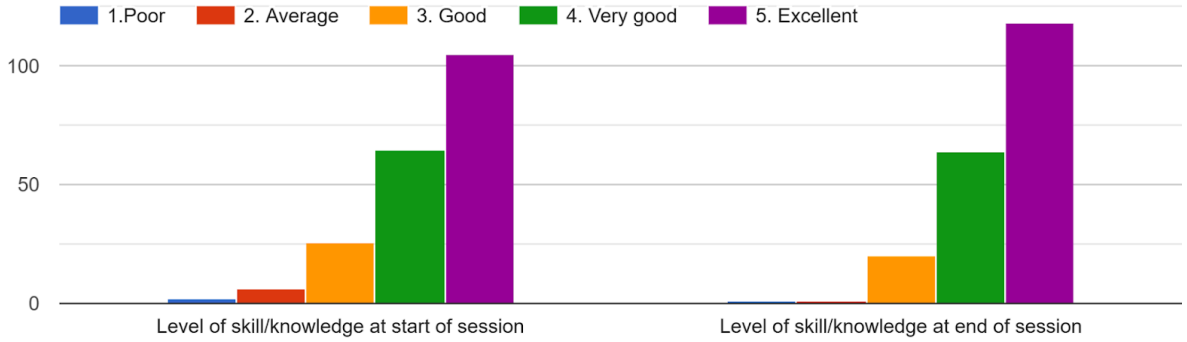


Session and Content Feedback:



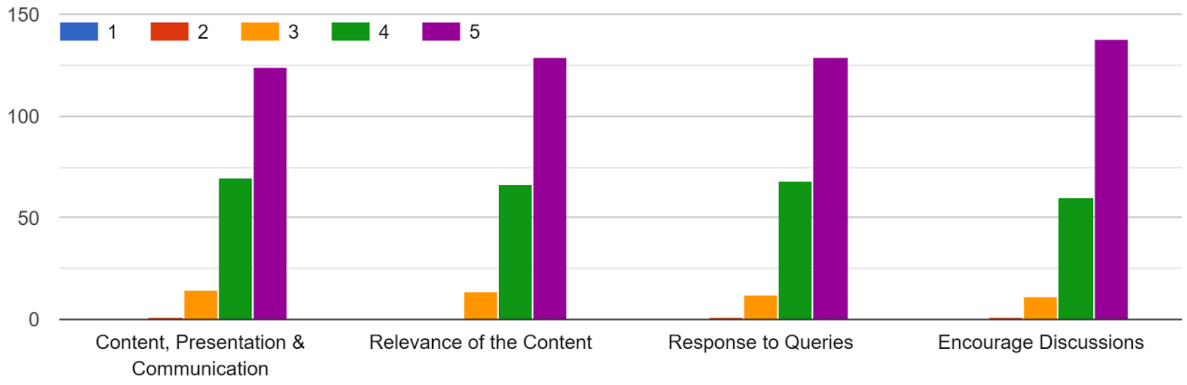
Learning Outcome Analysis:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



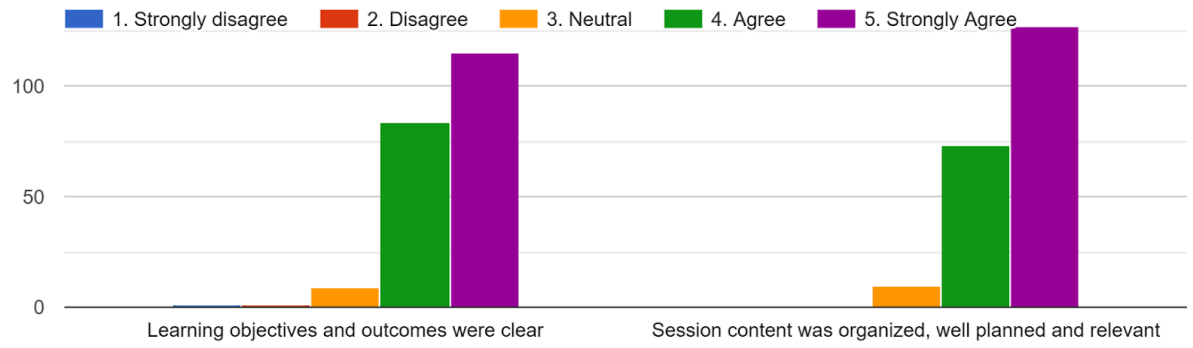
Day 5:
Facilitator Feedback: Ms. Sheriya Sareen

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



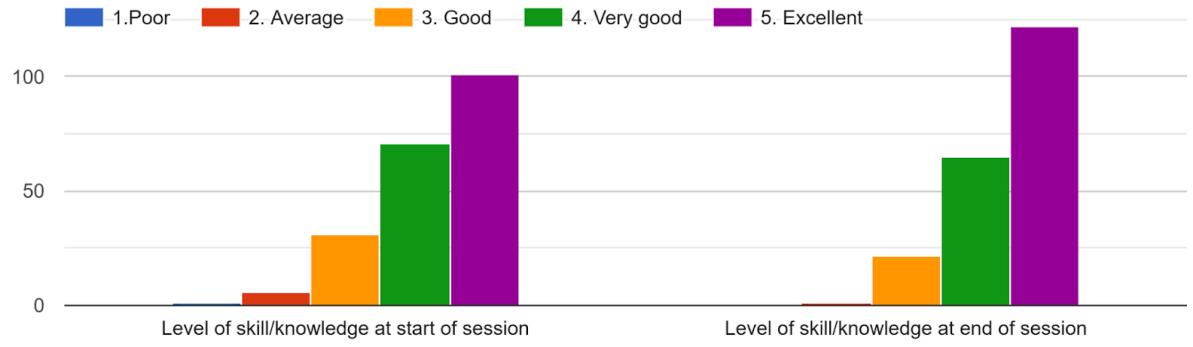
Session and Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



Learning Outcome Analysis:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Poster of the FDP:



Faculty & Staff Development Centre
(AIU-SVU FSDC'S AADC)

Report on the FDP: Innovative Pedagogies: Bridging Technology and Effective Teaching-Learning Practices

Dated: 20th – 24th January 2025

The Faculty & Staff Development Centre (FSDC), Somaiya Vidyavihar University (SVU), recognised by the Association of Indian Universities (AIU) as AIU-SVU FSDC's AADC, organised a five-day online Faculty Development Programme (FDP) titled "*Innovative Pedagogies: Bridging Technology and Effective Teaching-Learning Practices*" from 20th to 24th January 2025. The FDP was aimed to provide educators with advanced teaching methodologies, hands-on tools, and creative approaches to enhance pedagogical practices. The FDP had 13 participants, including faculty members and PhD scholars, aiming to create a more interactive and student-centred learning environment.

Day 1: 20th January 2025

The FDP commenced with an inauguration ceremony and an introductory address by The inauguration commenced with the Somaiya Campus Prayer, followed by an welcome address by Dr. Preeti S. Rawat, Director, Faculty & Staff Development Centre, Somaiya Vidyavihar University, Mumbai. Dr. Rawat set the stage for the FDP by introducing the FDP's theme and introducing the Faculty & Staff Development Centre.

Session 1: Introduction to Pedagogy; Role as a Pedagogy Tool and Roleplay

The session led by Dr Rawat on "Introduction to Pedagogy; Role as a Pedagogy Tool and Roleplay" provided an insightful overview of innovative teaching practices. She emphasised adopting learner-centric methods to create engaging and effective classroom environments. Dr Rawat highlighted the significance of understanding diverse learner needs and tailoring teaching approaches to foster inclusivity and active participation. The session also delved into modern pedagogy's theoretical and practical aspects, focusing on its dynamic nature and role in addressing the evolving educational landscape. Participants were encouraged to reflect on their teaching methodologies and identify areas for integrating creativity and technology. Dr Rawat elaborated on the use of roleplay as a powerful pedagogical tool. She explained how roleplay activities can simulate real-world scenarios, enabling students to develop critical thinking, problem-solving, and interpersonal skills. The session provided practical strategies for designing roleplay exercises that align with learning objectives and cater to diverse academic disciplines. Dr Rawat guided participants in effectively facilitating roleplay sessions, emphasising the importance of creating a safe and supportive environment for students to express themselves. She further highlighted the role of the educator as a facilitator, encouraging active participation and collaborative learning through structured roleplay activities. The session concluded with an engaging Q&A session, where participants shared their experiences and explored ways to implement these innovative pedagogical techniques in their classrooms. The session was very well received by the participants, who appreciated the practical insights into new, dynamic teaching methodologies aimed at

fostering active learning and student engagement.

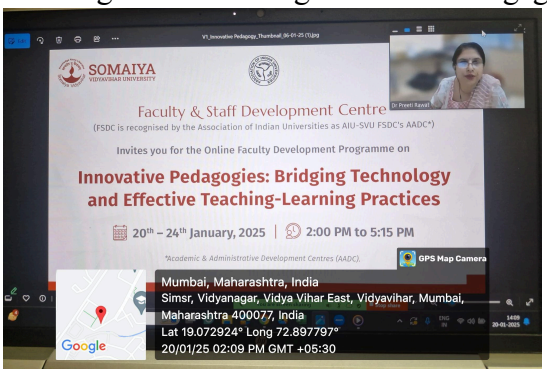


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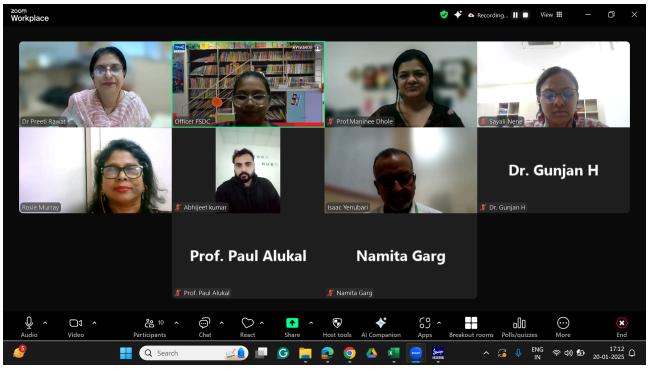


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Day 2: 21st January 2025

Session 1: The Art of Storytelling

The session, led by Ms Gayathri Thakoor, Co-Founder and CEO of the Learn Through Stories Foundation, focused on using storytelling as a teaching tool. It highlighted how storytelling can improve student engagement, emotional literacy, problem-solving skills, and creative thinking. Ms Thakoor explained the theory behind storytelling in education, introducing frameworks such as the SWBST method and narrative structures to help educators create well-organised and engaging stories. She also clarified the difference between *Kahani* (complete stories) and *Kissa* (short anecdotes) and their respective uses in teaching. Participants participated in practical exercises, including creating stories from prompts like "Once upon a time" and developing narratives based on random images. These exercises aimed to encourage creativity and reduce stress while demonstrating how storytelling can be applied to various subjects. The session also covered the use of films and visuals to make storytelling more engaging and effective. Ms Thakoor introduced tools such as the "Magic Box" and "Mistake Paper" to promote storytelling and active classroom participation. The session ended with a discussion on applying these techniques in teaching.

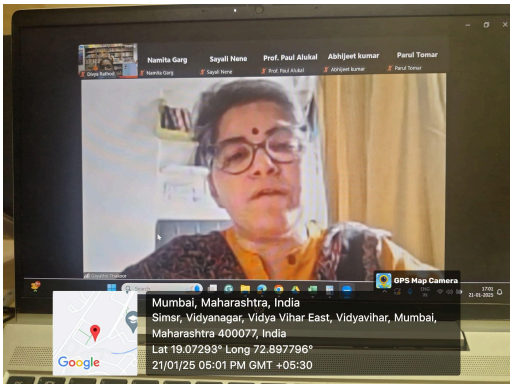


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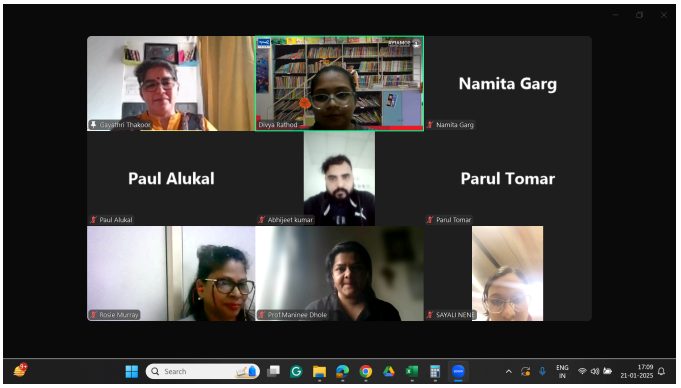


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Day 3: 22nd January 2025

Session 1: Writing Case Studies & Teaching with Case Study

The session, facilitated by Dr Avadhut Patwardhan, Assistant Professor at K J Somaiya Institute of Management, SVU, Mumbai, focused on writing case studies and utilising them as teaching tools. It aimed to equip participants with the skills to design, implement, and assess case studies effectively, fostering critical thinking, engagement, and analytical skills among learners. Dr Patwardhan began by emphasising the importance of case studies in education, highlighting their role in encouraging critical analysis, exploring alternative solutions, and engaging learners through real-world scenarios. He outlined key considerations for developing compelling case studies, such as defining clear learning objectives, understanding the target audience, and incorporating diverse perspectives at the individual, organisational, and societal levels. He also discussed the importance of integrating research and real-world contexts and creating dilemmas or tensions within the narrative to stimulate discussion was also discussed. The session included an interactive video activity based on an unconventional teaching method from the film *The Karate Kid*. The video illustrated how the protagonist, Daniel, unknowingly learned defensive karate moves through seemingly unrelated tasks, such as waxing cars and sanding floors, demonstrating the value of indirect teaching methods. This activity served as a metaphor for how case studies can teach complex concepts indirectly while fostering a more profound understanding. He also emphasised the importance of a teaching note to guide educators in facilitating discussions and aligning the case study with learning outcomes. Dr Patwardhan further elaborated on teaching with case studies, focusing on the role of the facilitator in encouraging interactive discussions. He highlighted the importance of probing questions, such as "why," to promote critical thinking and avoid conformity in responses.

The session concluded with a discussion on documenting case studies effectively. Dr Patwardhan shared best practices for drafting case narratives, including incorporating subtle and direct details to allow for diverse interpretations. He used examples of published case studies and shared insights on preparing exhibits and teaching notes. Participants reflected on their experiences and explored ways to apply these methods in their teaching practices.

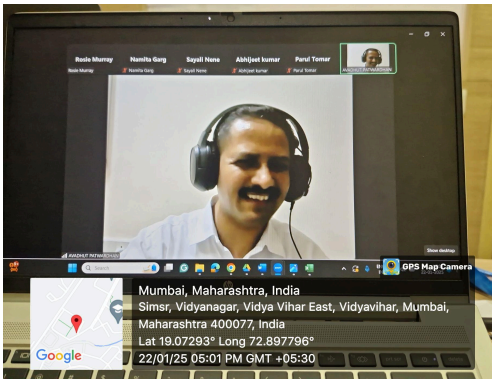


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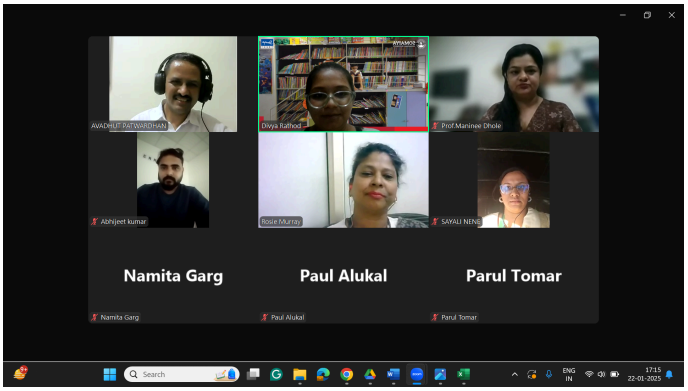
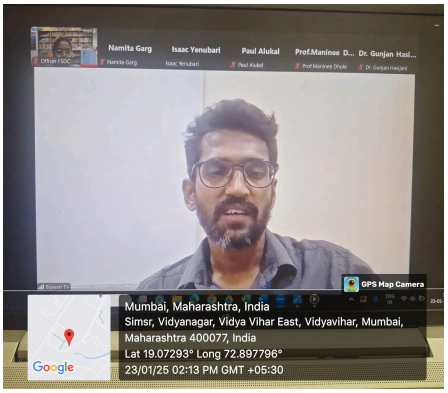


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Day 4: 23rd January 2025

Session 1: Introduction to Generative AI and Practical Tools; Practical AI Applications for Teaching, Learning, and Ethics

The session, led by Dr Bijeesh T. V., Assistant Professor, School of Engineering and Technology, Christ University, Bangalore, provided a comprehensive exploration of Generative AI and its applications in education. The first session introduced participants to the fundamentals of Artificial Intelligence (AI), Automation, and Machine Learning, focusing on the distinctions between these concepts. Dr Bijeesh elaborated on different types of AI, including Artificial Narrow Intelligence, Artificial General Intelligence, and Artificial Super Intelligence. He also introduced participants to Generative AI, a subset of Deep Learning, and facilitated an engaging activity to deepen their understanding of Machine Learning processes. Dr Bijeesh demonstrated the practical applications of AI tools such as ChatGPT, Gemini, and Meta AI, showcasing their educational potential. Participants were guided through an interactive exercise on crafting effective AI prompts, particularly for course plan creation. Tools such as Class Point were also introduced for real-time classroom engagement, allowing participants to experience their functionality firsthand. Participants engaged in role-play scenarios to explore how AI can aid skill development, assessments, and personalised learning. Dr Bijeesh highlighted tools like Quizzes.com, Open LMS, and Google Slides with AI extensions to create lesson plans, quizzes, and interactive class activities. Ethical considerations, including data privacy, fairness, and the risks of plagiarism and bias, were also discussed, emphasising the importance of responsible AI usage in education. Participants experimented with neural network playground tools to observe how adjustments to layers, neurons, and learning rates influenced model performance. The session concluded with an open discussion on the transformative potential of AI in education and the need for human oversight to ensure ethical integration.



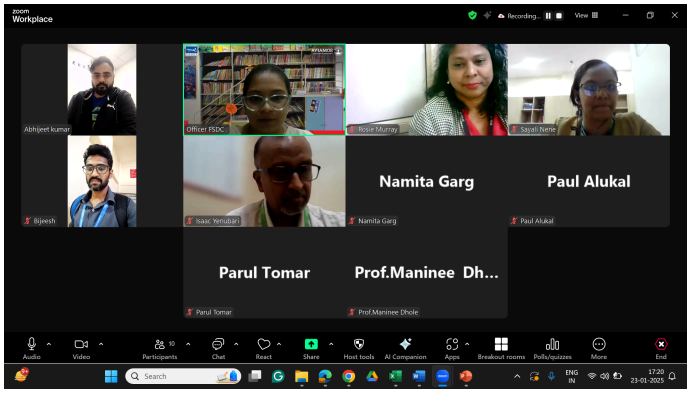
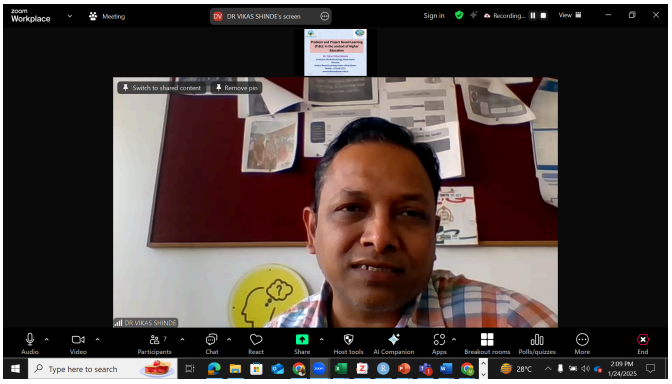


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Day 4: 24th January 2025

Session 1: Project-Based Learning

The session on Project-Based Learning (PBL), led by Dr Vikas Vithal Shinde, Professor and Director, Vishwaniketan iMEET, Mumbai University, explored the principles, practices, and outcomes of PBL in higher education. The first session focused on the theoretical foundations of PBL, emphasising its student-centred approach to foster critical thinking, creativity, and real-world problem-solving skills. Dr Shinde clarified the distinction between Problem-Based and Project-Based Learning and highlighted the importance of addressing authentic, contextualised educational challenges. The session further delved into practical PBL models, including the Aalborg and Stanford approaches, and Vishwaniketan's implementation of Course Level, Technology, and Industry Exposure models. Dr Shinde discussed PBL's potential for transforming traditional teaching, fostering innovation, and bridging gaps between academia and industry. Dr Shinde shared success stories of students developing skills, winning hackathons, and launching startups through PBL practices. The session concluded with reflections on overcoming challenges in PBL implementation, emphasising the importance of collaboration, upskilling, and holistic student development.



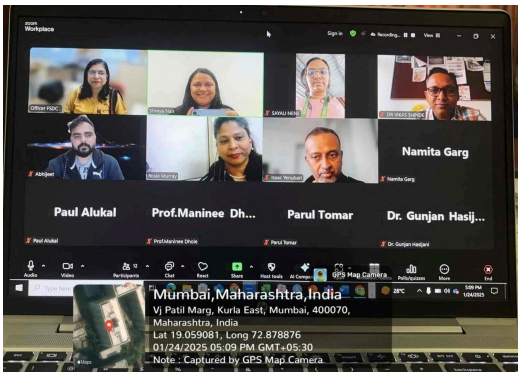


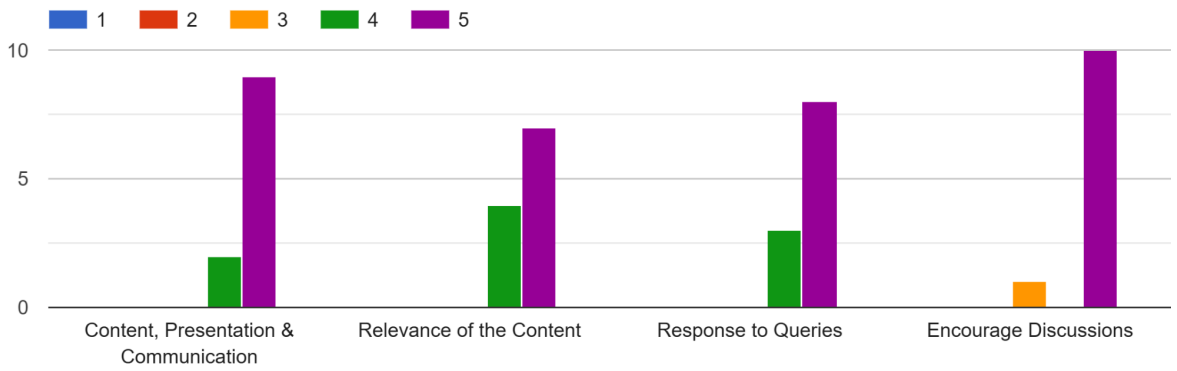
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Feedback Analysis:

No of Participants	**13**
Feedbacks Received	**11**
Facilitator Feedback: Dr Preeti Rawat	**4.3**
Facilitator Feedback: Ms. Gayathri Thakoor	**4.5**
Facilitator Feedback: Dr Avadhut Patwardhan	**4.2**
Facilitator Feedback: Dr Bijeesh T. V.	**4.5**
Facilitator Feedback: Dr. Vikas Vithal Shinde)	**4.5**
Overall Feedback Analysis	**4.4**

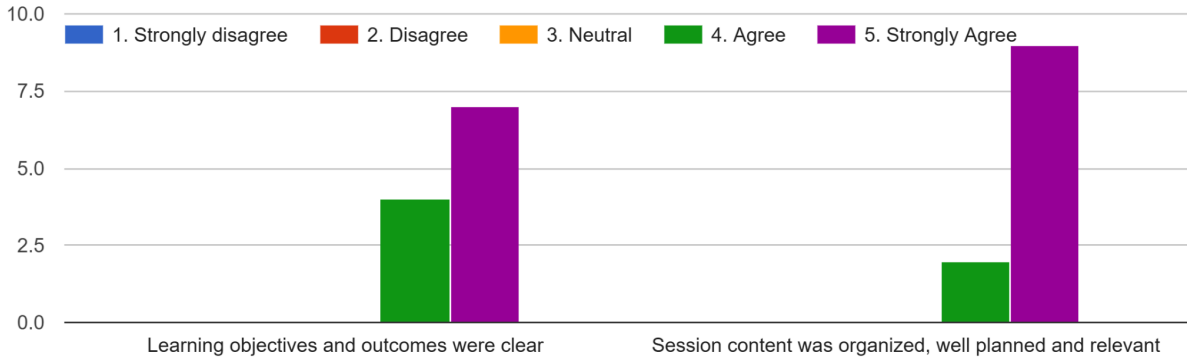
Day 1:
Facilitator Feedback: Dr Preeti Rawat

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



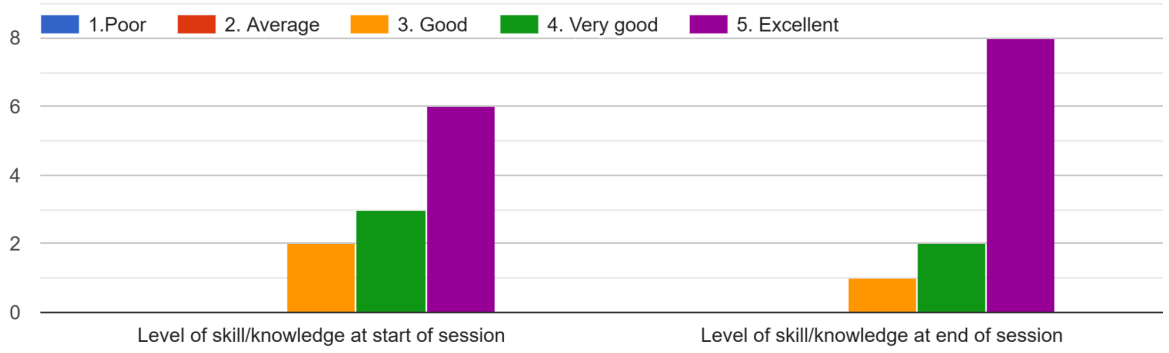
Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



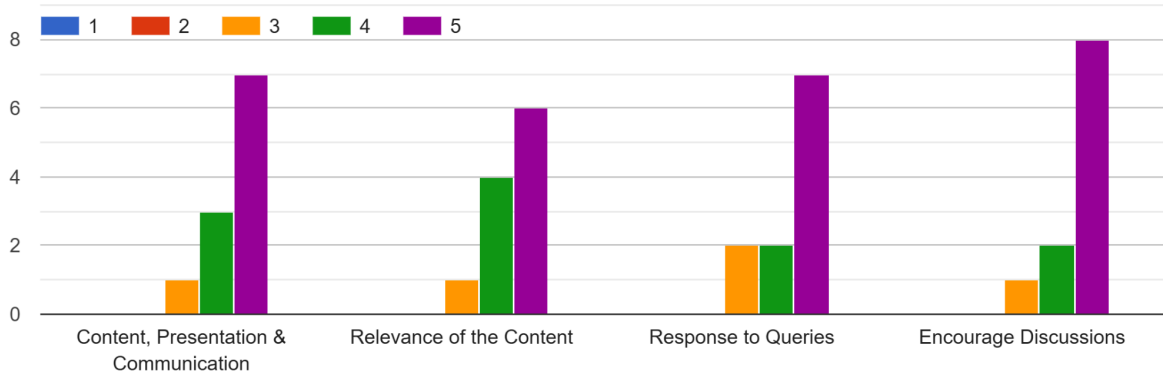
Learning Outcomes Feedback:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



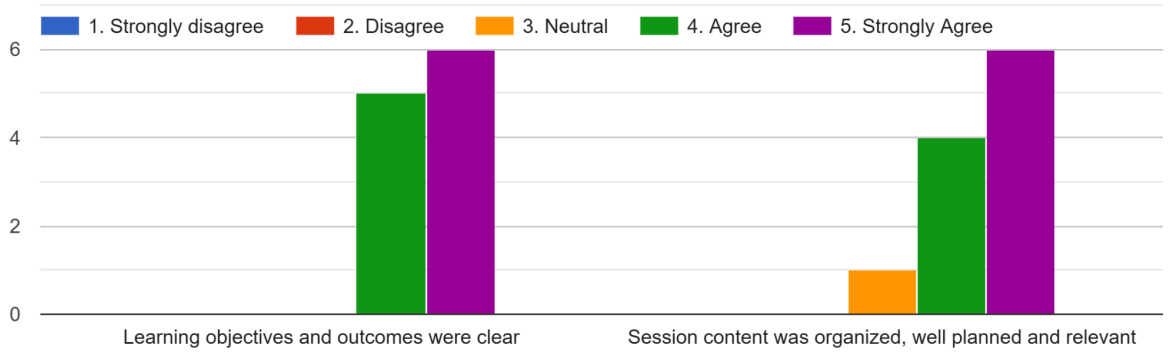
Day 2:
Facilitator Feedback: Ms. Gayathri Thakoor

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



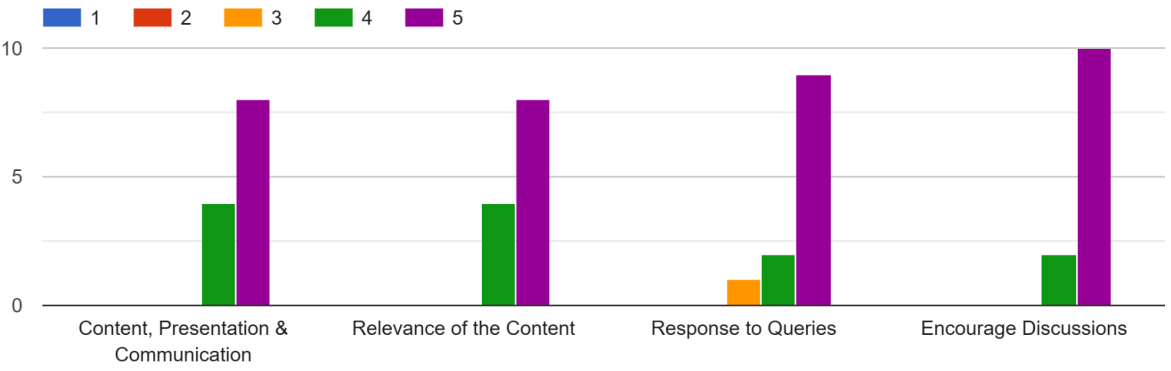
Learning Outcomes Feedback:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



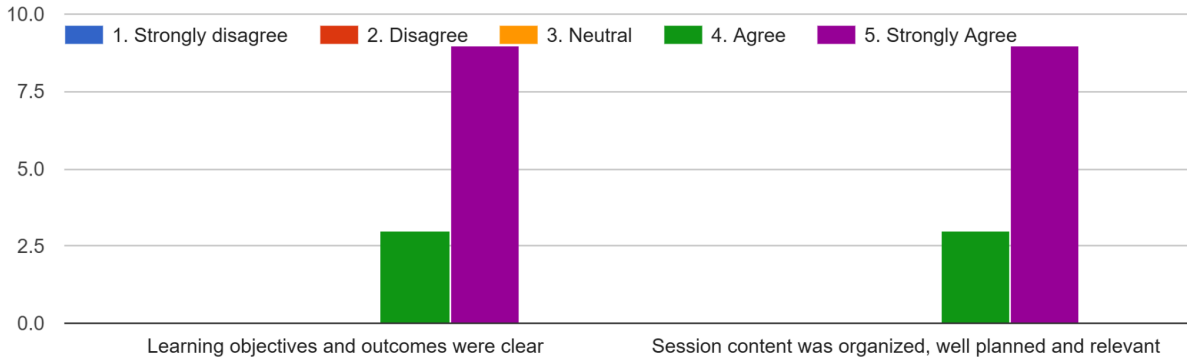
Day 3:
Facilitator Feedback: Dr Avadhut Patwardhan

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



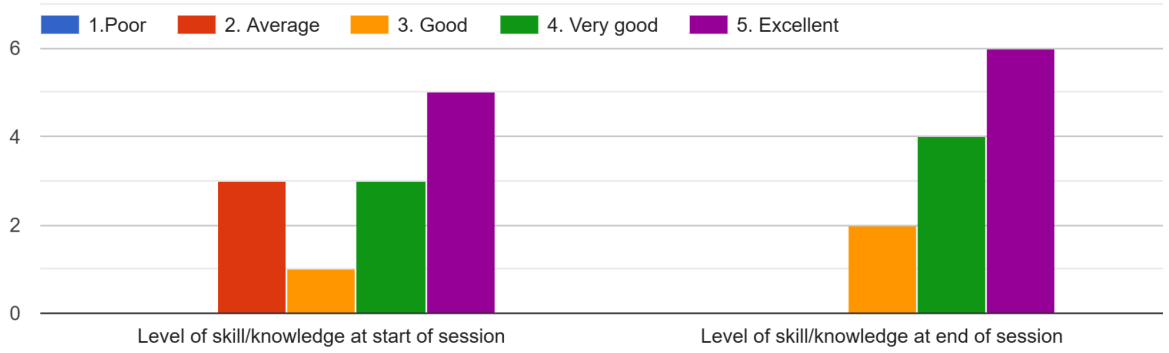
Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



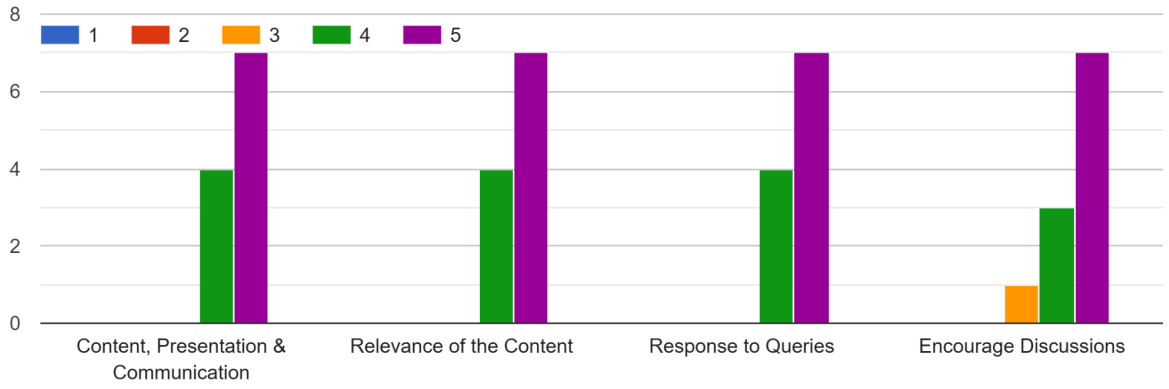
Learning Outcomes Feedback:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



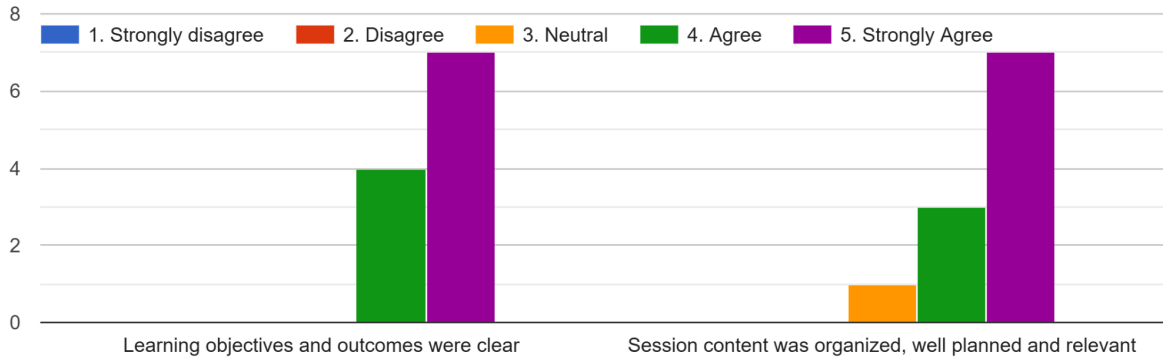
Day 4:
Facilitator Feedback: Dr Bijeesh T. V.

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



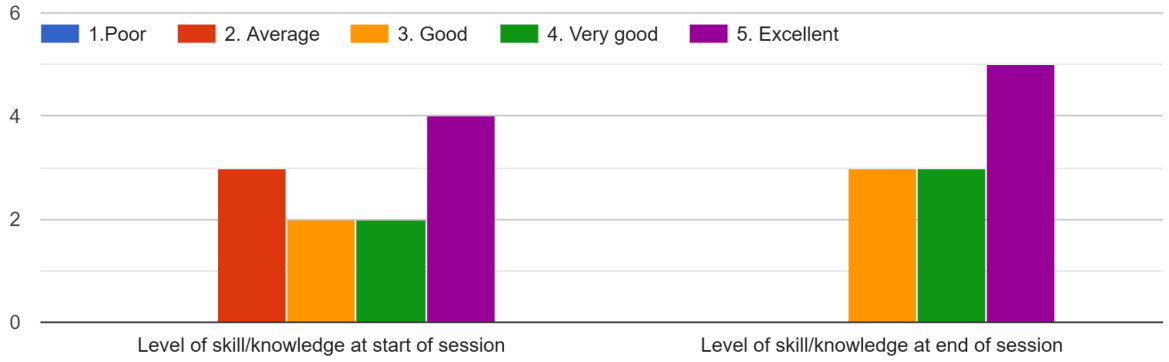
Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



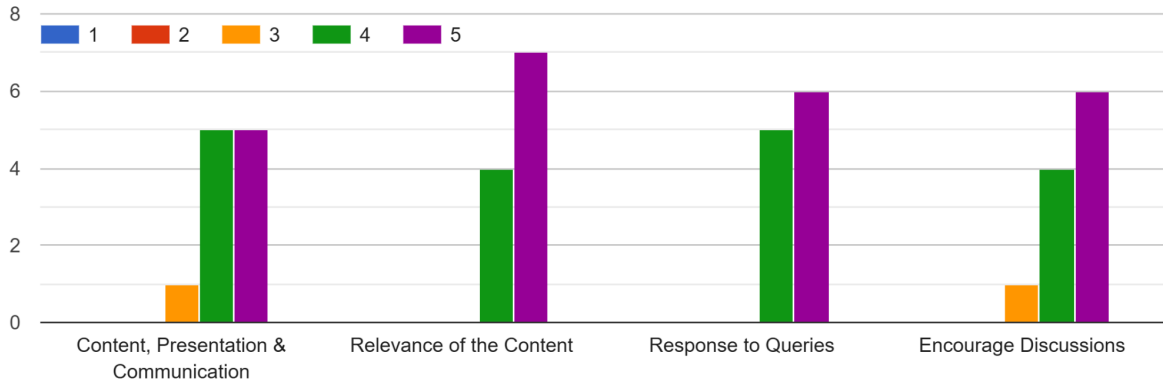
Learning Outcomes Feedback:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



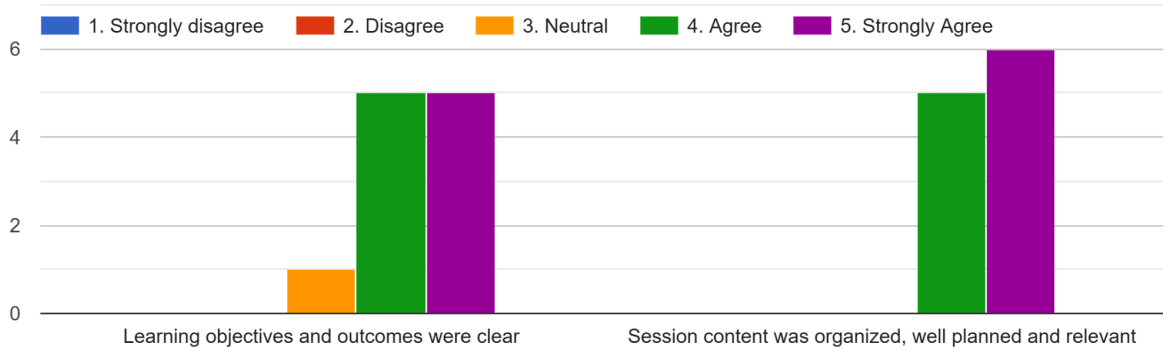
Day 5:
Facilitator Feedback: Dr. Vikas Vithal Shinde

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



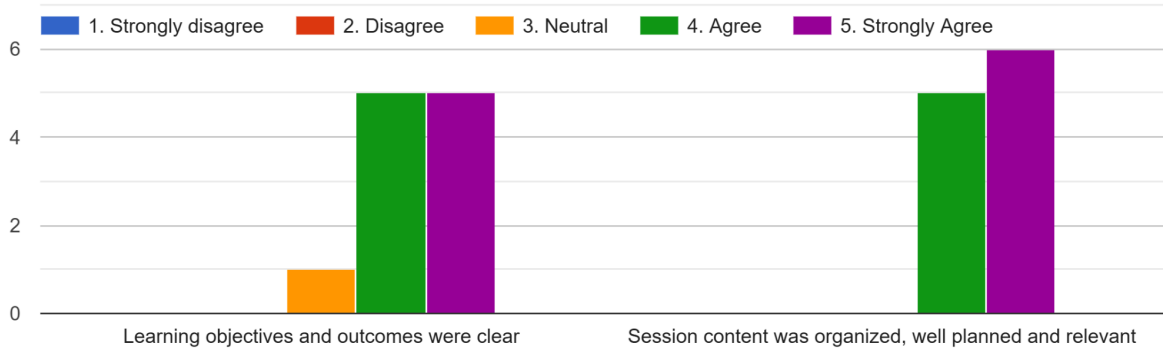
Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



Learning Outcomes Feedback:

Session Content (5 being the highest and 1 being the lowest)



Poster of the FDP:



Faculty & Staff Development Centre (AIU-SVU FSDC'S AADC)

In collaboration with

K J Somaiya Institute of Management

Report on FDP: NVivo for Qualitative Research; Roadmap for High-Quality and Impactful Research

Dated: 3rd to 7th February 2025

Day 1: 3rd February 2025
Inauguration Ceremony:

The Faculty & Staff Development Centre (FSDC), Somaiya Vidyavihar University (SVU), recognised by the Association of Indian Universities (AIU) as AIU-SVU FSDC's AADC, in collaboration with the KJ Somaiya Institute of Management, successfully launched the 5-day Online FDP on *NVivo for Qualitative Research; Roadmap for High-Quality and Impactful Research*. This FDP aimed to equip researchers with comprehensive skills in qualitative research methodologies, covering every stage from conceptualisation and research design to data collection, analysis, and report writing, with a strong focus on utilising NVivo software for data management and analysis. Participants gained hands-on experience designing qualitative studies, leveraging NVivo's powerful tools, and exploring various approaches for developing and analysing qualitative research. The FDP saw active participation from 36 attendees, including faculty members and research scholars.

The inauguration of the FDP commenced with the Somaiya Campus Prayer, followed by a contextual introduction by Dr Preeti S. Rawat, Director of the Faculty & Staff Development Centre, Somaiya Vidyavihar University, Mumbai. Mrs Ranjana Parihar, Joint Secretary of the Association of Indian Universities (AIU), addressed participants regarding the importance of holistic education, continuous improvement, and the role of faculty development in

enhancing research and academic excellence.

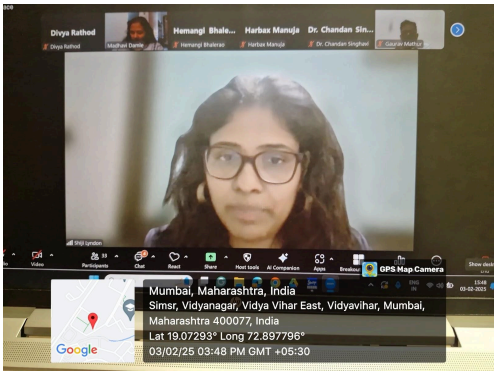




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Session 1: Introduction to Qualitative Research (2 pm to 5 pm)

The session was led by Dr Shiji Lyndon, Associate Professor, K J Somaiya Institute of Management, Somaiya Vidyavihar University, Mumbai, who introduced participants to the fundamentals of qualitative research methods, emphasising their importance in capturing the depth and complexity of human experiences. Dr. Lyndon highlighted the role of the researcher as an instrument in qualitative studies and stressed the significance of natural settings for authentic data collection. In the later half of the session, participants delved into the philosophical underpinnings of research—ontology, epistemology, and methodology—gaining insights into how beliefs about reality and knowledge shape qualitative research design. The day concluded with a lively discussion on the ethical dimensions of qualitative research and the importance of maintaining rigour and transparency throughout the research process.



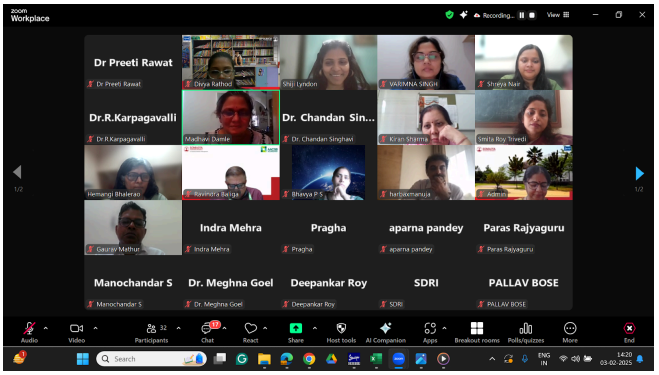


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Day 2: 4th February 2025

Session 1: Research Approaches in Qualitative Research (2 pm to 5 pm)

On the second day of the FDP, Dr. Lyndon focused on deepening participants' understanding of qualitative research approaches. Dr. Lyndon led the first session by exploring various research approaches, including grounded theory, ethnography, phenomenology, and case study research. She emphasized the importance of understanding the philosophical foundations of qualitative research, such as ontology and epistemology, and encouraged participants to engage with academic journals to strengthen their knowledge. Participants were divided into groups to analyze and discuss research papers, highlighting the nuances of each approach. In the second session, Dr. Lyndon shifted focus to qualitative data collection methods, particularly interviewing and focus group discussions (FGDs). She outlined best practices for conducting interviews, stressing the importance of active listening, probing techniques, and managing group dynamics during FGDs. Additionally, Dr. Lyndon introduced NVivo software, guiding participants on its role in organizing qualitative data and encouraging them to explore its features through hands-on activities.

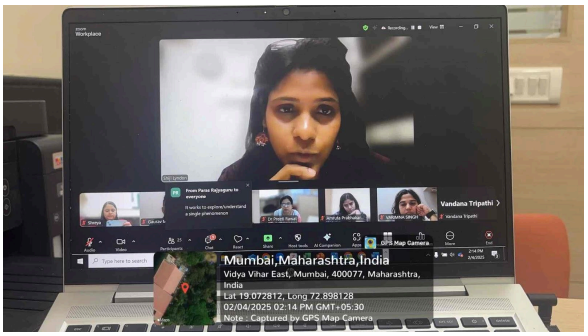


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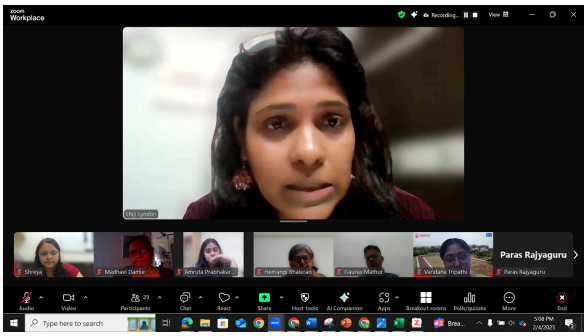


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Day 3: 5th February 2025

Session 1: Qualitative Data Analysis (2 pm to 5 pm)

The third day of the FDP centred on qualitative data analysis, with a strong focus on coding techniques, inter-coder agreement, and the use of NVivo software for organising and analysing qualitative data. Dr Shiji Lyndon led the session, introducing NVivo and demonstrating its applications in coding, categorising, and visualising data. Participants explored the fundamentals of coding, distinguishing between lumper and splitter coding, and were guided through the stages of open, axial, and selective coding in grounded theory. The session covered key aspects of NVivo, including its features, manual and automated coding processes, and thematic analysis for identifying patterns in data. Dr Lyndon also demonstrated use of word clouds and classification techniques to interpret qualitative

findings. Participants engaged in a hands-on exercise, uploading a sample dataset into NVivo, creating codes, and analysing textual patterns. This practical component helped them understand the challenges and subjectivity involved in qualitative coding. Dr Lyndon emphasised the importance of inter-rater agreement in ensuring consistency and minimising bias in qualitative research. The session concluded with a Q&A, where participants discussed the practical applications of NVivo in their own research projects.

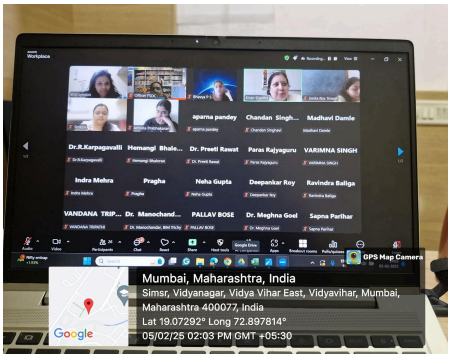


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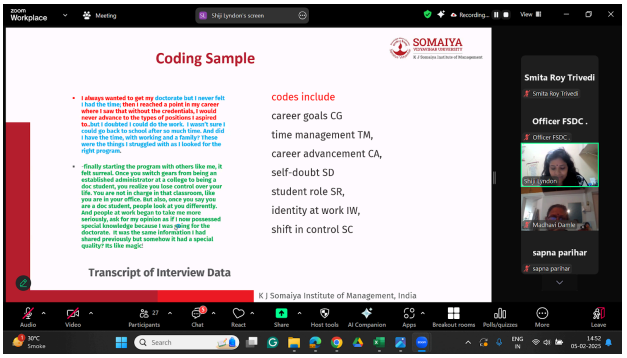


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Day 4: 6th February 2025

Session 1: Data Analysis Using NVIVO (2 pm to 5 pm)

The fourth day of the FDP focused on data analysis using NVivo, emphasising identifying patterns in qualitative data. Dr Lyndon provided a detailed walkthrough of NVivo's analytical tools, demonstrating how researchers can extract meaningful insights by identifying themes, trends, and relationships within qualitative datasets. She guided participants through coding techniques, showcasing how NVivo helps organise large volumes of data systematically. Participants also explored word frequency analysis, node structuring, and thematic mapping, which aid in recognising underlying patterns in textual data. A hands-on practical exercise allowed participants to apply these techniques by working with sample datasets. They learned to use NVivo's queries, matrix coding, and cluster analysis to refine their research findings. Dr Lyndon highlighted the importance of interpreting results critically, ensuring that pattern identification remains methodologically rigorous. The session concluded with an interactive Q&A discussion, where participants sought guidance on applying NVivo's pattern recognition tools in their own research projects. Dr Lyndon addressed queries related to data visualisation, integration with other research methods, and improving research validity using NVivo.

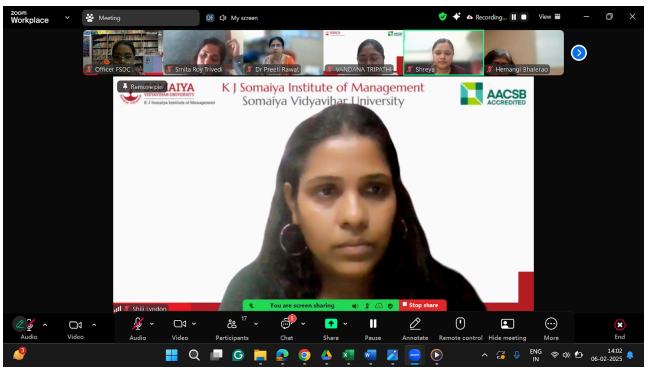


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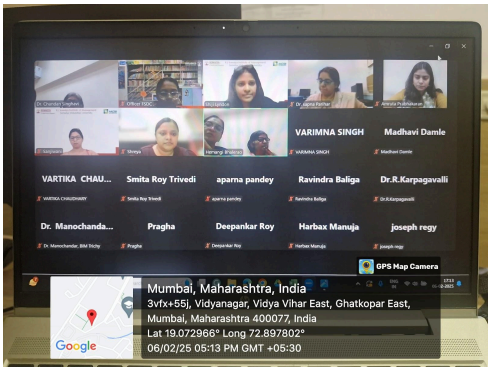
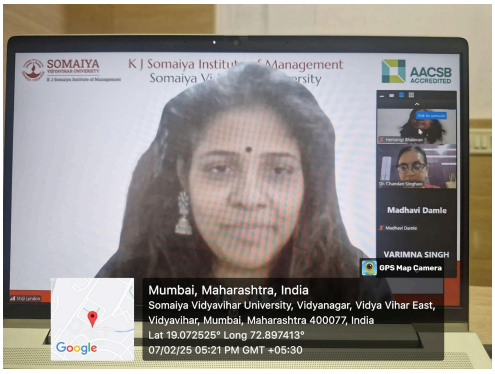


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Day 5: 7th February 2025

Session 1: Reporting Qualitative Research (2 pm to 5 pm)

The final day of the FDP focused on reporting qualitative research, covering sampling strategies and structuring research papers. Dr. Shiji Lyndon led discussions on credibility in qualitative research, ethics approval, and interview protocols, emphasising participant confidentiality and Institutional Review Board (IRB) procedures. She highlighted key aspects of writing qualitative papers, including concise introductions, balanced literature reviews, and thematic organisation of findings, while stressing the importance of ethical transparency through researcher reflexivity and data documentation. Participants engaged in discussions on triangulation, member checking, and reflexivity, followed by a breakout activity analysing research papers from a writing perspective. A breakout room activity was conducted, allowing participants to analyse a research paper from a writing perspective, fostering a deeper understanding of structuring qualitative findings and thematic analysis. The session also addressed effective qualitative research writing techniques, stressing the need for concise introductions, well-balanced literature reviews, and the strategic use of participant quotations to enhance the authenticity of research narratives. Dr. Lyndon also demonstrated techniques such as thematic analysis, integrating direct quotes, and leveraging NVivo-generated visualisations like word clouds and coding structures. The session provided valuable insights into ensuring clarity and coherence in qualitative research reporting, equipping participants with practical tools to enhance their writing. Additionally, the role of mixed-method research and its practical applications was explored, with a discussion on integrating qualitative and quantitative findings.



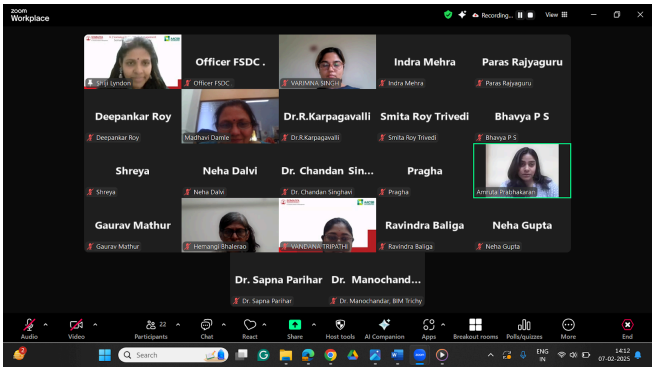
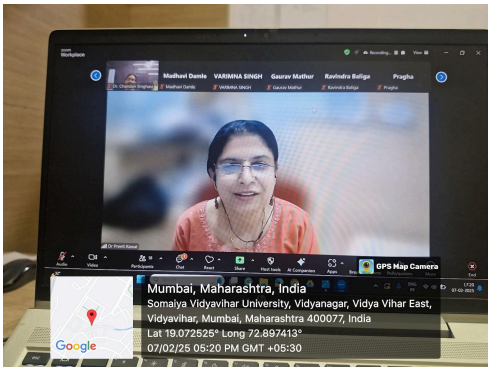


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The FDP concluded with an interactive Q&A session, followed by live participant feedback, where attendees shared their experiences and insights from the programme. The FDP was positively received, with participants appreciating the practical approach, engaging discussions, and hands-on experience with NVivo. After the feedback session, Dr. Preeti Rawat, Director, Faculty & Staff Development Centre, Somaiya Vidyavihar University, delivered the vote of thanks, expressing gratitude to the facilitators and participants for their active engagement. The session ended on a celebratory note with a group photograph, marking the successful completion of the FDP.



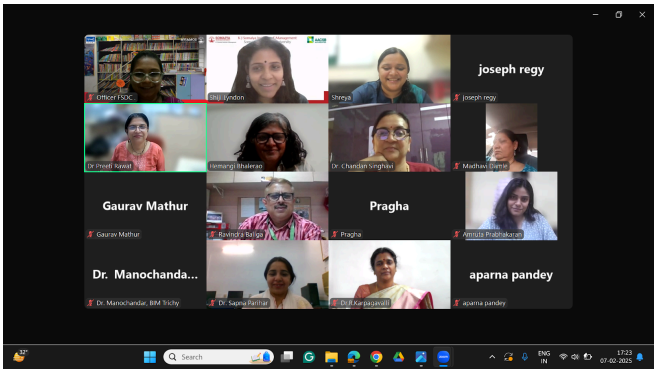
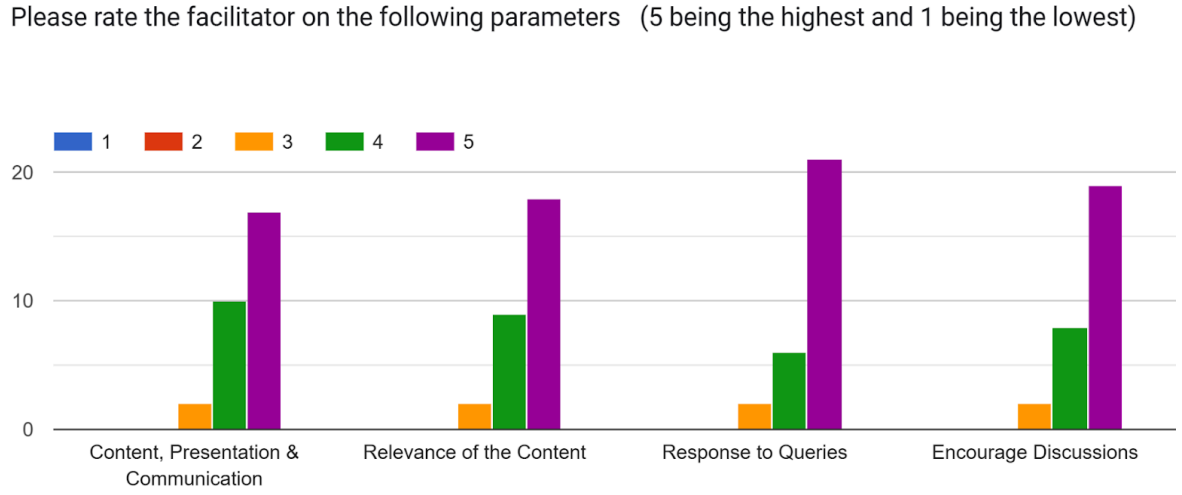


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Feedback Analysis:

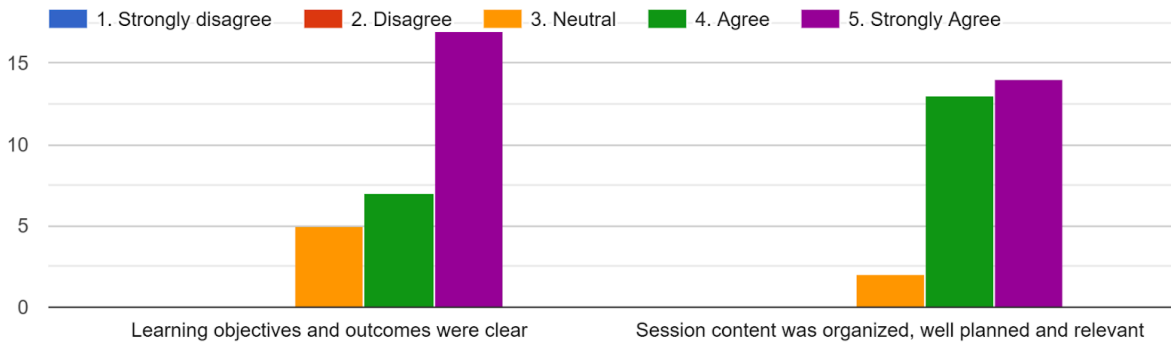
No of Participants	**36**
Feedbacks Received	**28**
Facilitator Feedback: Dr Shiji Lyndon	**4.5**
Facilitator Feedback: Dr Shiji Lyndon	**4.7**
Facilitator Feedback: Dr Shiji Lyndon	**4.8**
Facilitator Feedback: Dr Shiji Lyndon	**4.6**
Facilitator Feedback: Dr Shiji Lyndon	**4.7**
Overall Feedback Analysis	**4.6**

Day 1:
Facilitator Feedback: Dr. Shiji Lyndon



Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



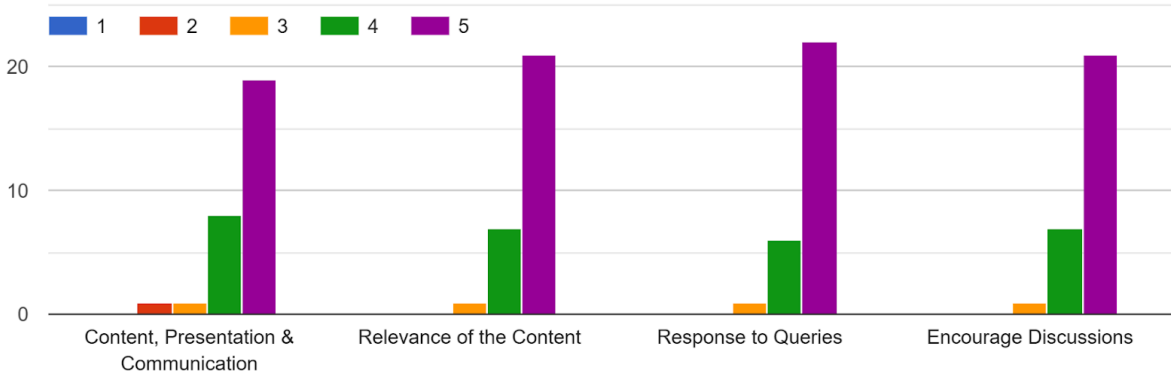
Learning Outcomes Feedback:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



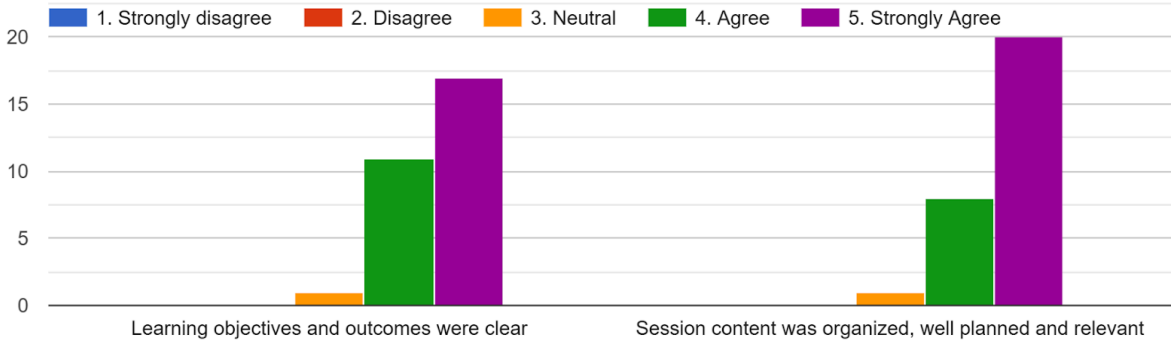
Day 2:
Facilitator Feedback: Dr. Shiji Lyndon

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



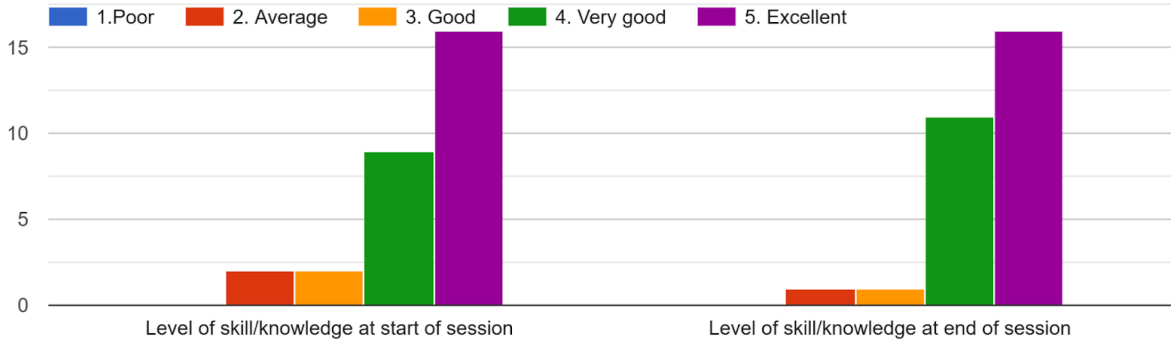
Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



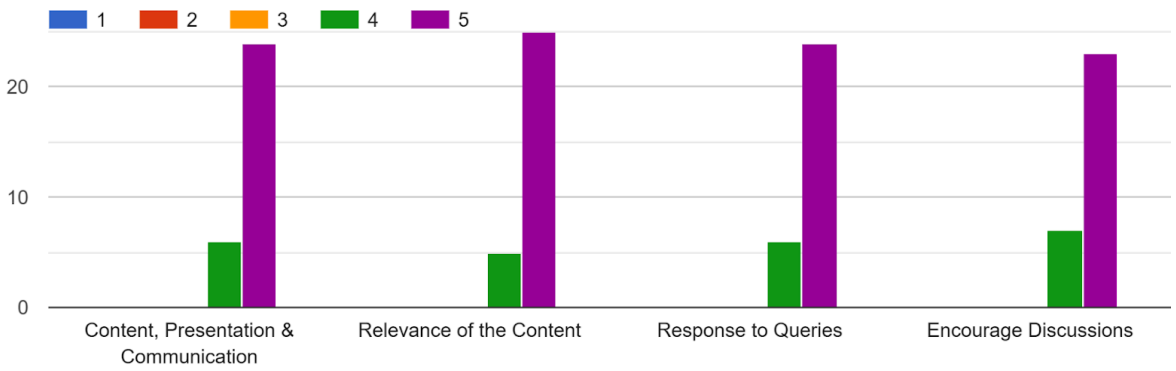
Learning Outcomes Feedback:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



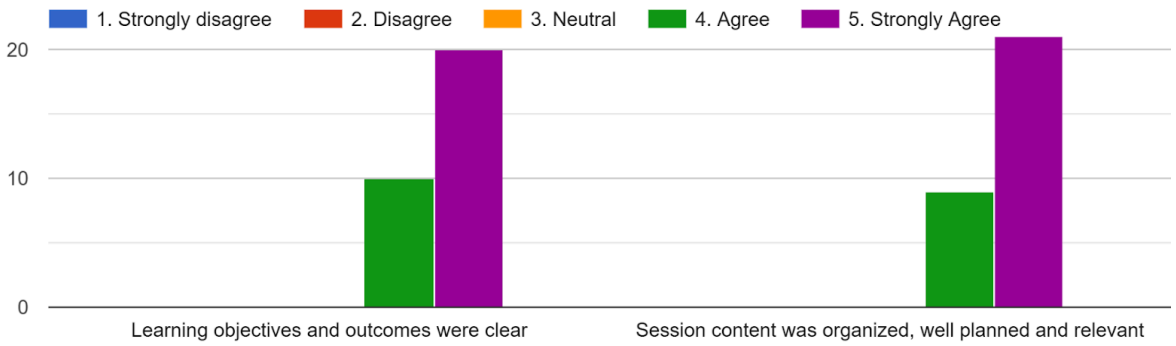
Day 3:
Facilitator Feedback: Dr. Shiji Lyndon

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



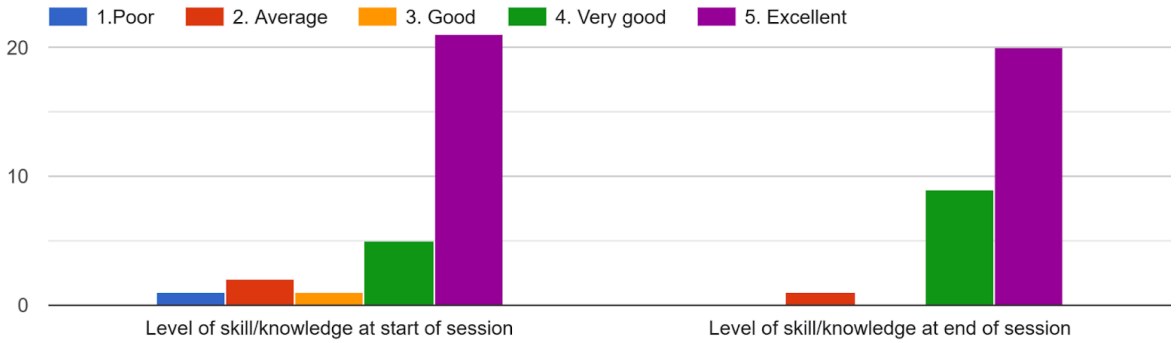
Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



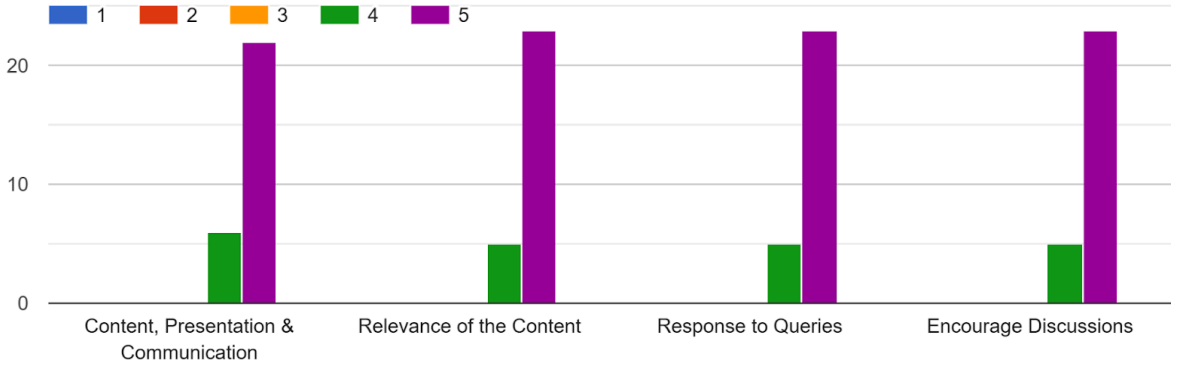
Learning Outcomes Feedback:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



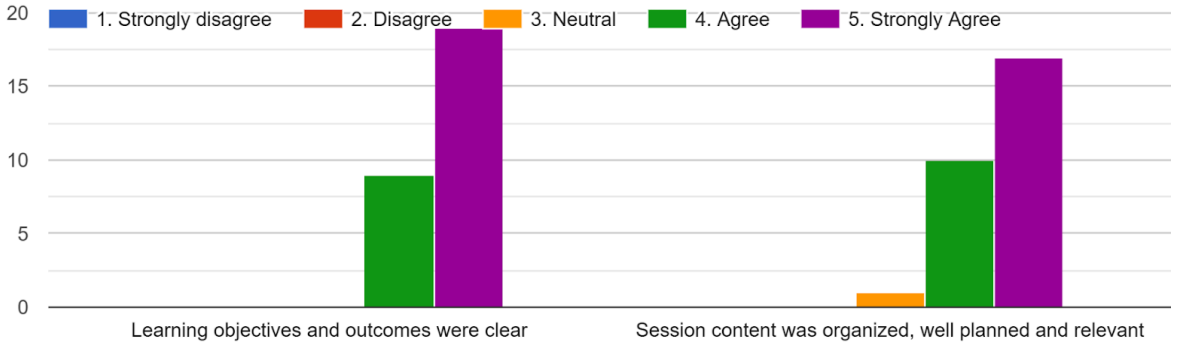
Day 4:
Facilitator Feedback: Dr. Shiji Lyndon

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



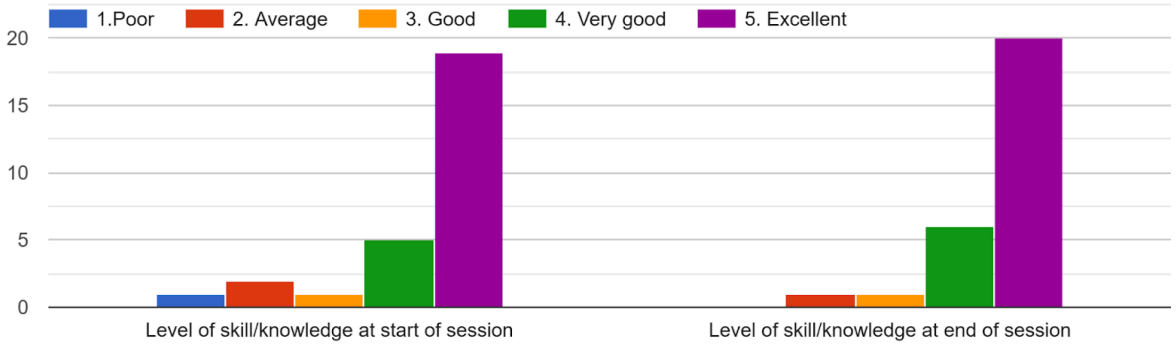
Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



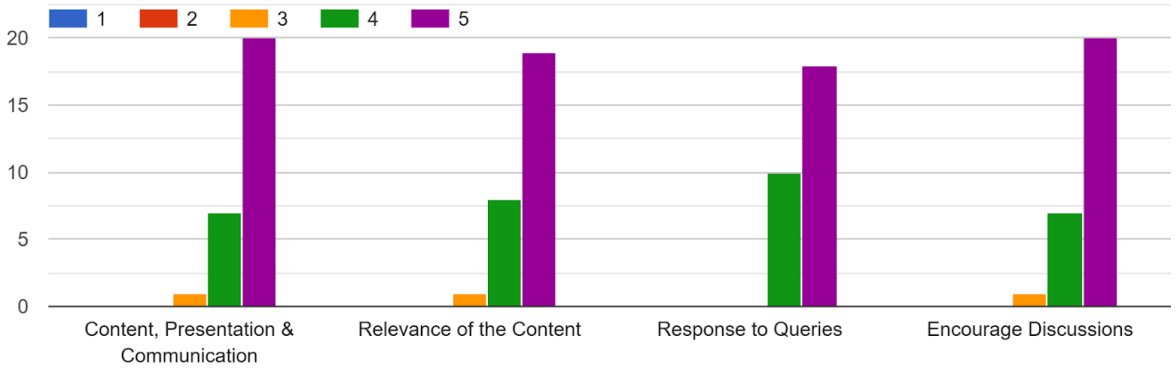
Learning Outcomes Feedback:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



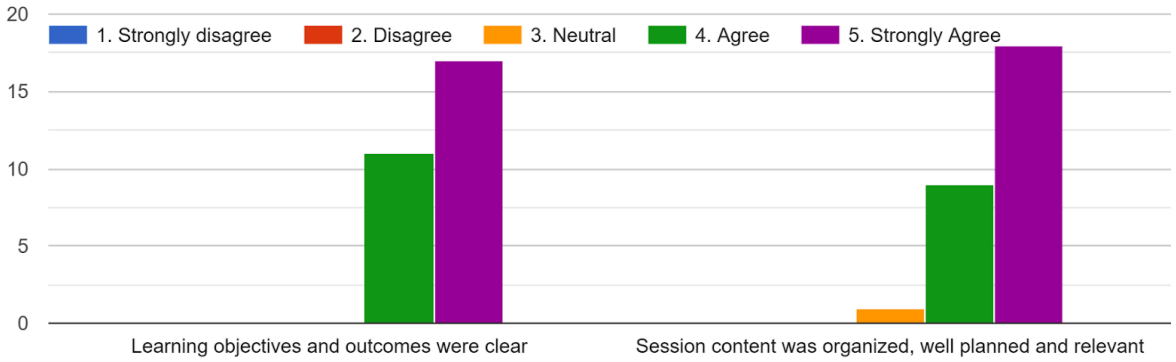
Day 5:
Facilitator Feedback: Dr. Shiji Lyndon

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



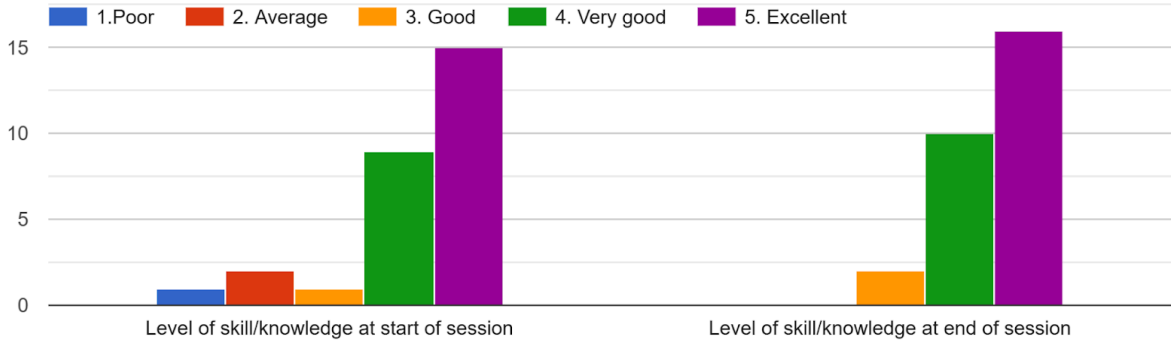
Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



Learning Outcomes Feedback:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Poster of the FDP:



Faculty & Staff Development Centre (AIU-SVU FSDC'S AADC)

Report on FDP: Research Methodology- Experimental Research, Structured Literature Review and Bibliometric Analysis

Dated: 26th February - 2nd March 2025

Day 1: 26th February 2025

Inauguration Ceremony:

The Faculty & Staff Development Centre (FSDC), Somaiya Vidyavihar University (SVU), recognised by the Association of Indian Universities (AIU) as AIU-SVU FSDC's AADC, successfully launched the 5-day Faculty Development Programme (FDP) on Research Methodology: Experimental Research, Structured Literature Review, and Bibliometric Analysis. This FDP aimed to enhance participants' research capabilities through a structured approach, equipping them with knowledge in literature reviews, bibliometric analysis, and experimental research methodologies. The sessions covered various topics, including PRISMA flow diagrams, bibliometric mapping, citation analysis, A/B testing, pre-testing, data collection, and reporting research findings. The FDP was attended by 57 participants from faculty members, research scholars, and professionals engaged in academic research.

The inauguration of the FDP commenced with the Somaiya Campus Prayer, followed by an introduction to the program by Dr. Preeti S. Rawat, Director of the Faculty & Staff Development Centre, Somaiya Vidyavihar University, Mumbai, who addressed the participant and elaborated on the centre's collaborations with various institutions and the purpose of this initiative. She highlighted how the FDP aligns with FSDC's mission to foster academic excellence through structured training programs.

Session 1: Introduction to Experimental Research (2:10 pm to 3:40 pm)

The first session was conducted by Dr. Suresh Malodia, Associate Professor at Mudra Institute of Communications, Ahmedabad. He discussed the importance of understanding reality through academic research, explaining how exploratory research lays the groundwork for empirical studies. Dr Malodia contrasted survey-based research with experimental research, highlighting the latter's ability to establish causality by manipulating independent variables. He illustrated key concepts in experimental research using examples such as the autokinetic phenomenon and conformity theory. He further emphasised the role of subconscious responses in human behaviour, demonstrating how experiments can effectively measure these responses.

Session 2: Pre-testing & Designing an Experiment (3:55 pm to 5:25 pm)

In the second session, Dr. Malodia elaborated on pre-testing methods and experiment design strategies. He discussed the necessity of pre-tests in refining research instruments and identifying potential issues before full-scale implementation. Participants engaged in practical exercises, designing experimental frameworks based on real-world research scenarios. Dr Malodia guided the application of pre-testing techniques, offering examples such as an experiment on call-to-action buttons to illustrate different types of manipulations, including direct, instructional, and scenario-based approaches. Participants were divided into ten research groups to facilitate applied learning and tasked with developing broad research ideas. Each group was required to formulate a research question, hypothesis, constructs, and business problem, presenting their ideas through a structured PowerPoint submission.

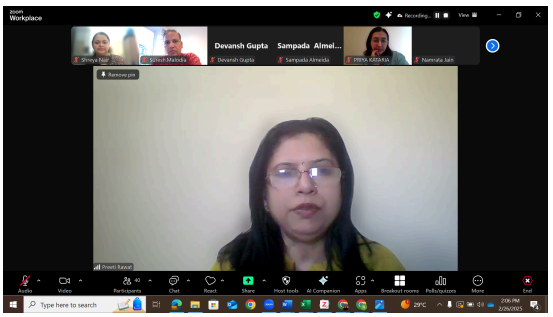


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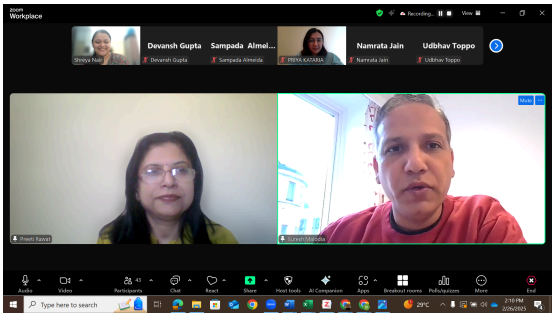


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Day 2: 27th February 2025

Session 1: Types of Experiments & Manipulation Checks (2:00 pm to 3:30 pm)

The first session, led by Dr Suresh Malodia, focused on experimental research designs, manipulation checks, and data collection techniques. The session began with a discussion on the group presentations conducted on Day 1, where participants received feedback and engaged in critical analysis of their research ideas. Dr. Malodia provided insights on improving study designs, refining hypotheses, and ensuring methodological rigour in research projects. Following this, Dr. Malodia continued his expert guidance, introducing participants to different types of experiments, particularly Within-Subjects and Between-Subjects designs. He explained how these approaches impact data interpretation and research validity. The session also covered manipulation checks, emphasising their role in ensuring that experimental variables function as intended.

Session 2: Data Collection and Basic Analysis (3:45 pm to 5:15 pm)

The second session focused on data collection and fundamental analysis. Participants were introduced to qualitative and quantitative data collection techniques, with a detailed discussion on survey design, interview methodologies, and observational research. Dr. Malodia emphasised the significance of reliability and validity in data collection, highlighting best practices for designing research instruments. The session also addressed institutional

review board (IRB) approval processes for research involving human subjects and the ethical considerations required for conducting studies. The day concluded with an interactive discussion, where participants reflected on key learnings and were encouraged to read two academic papers shared by Dr. Malodia to deepen their understanding of the topics covered.

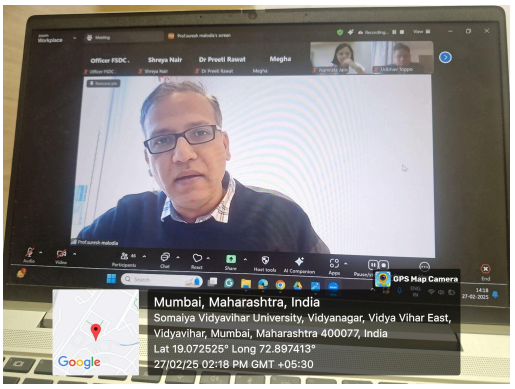


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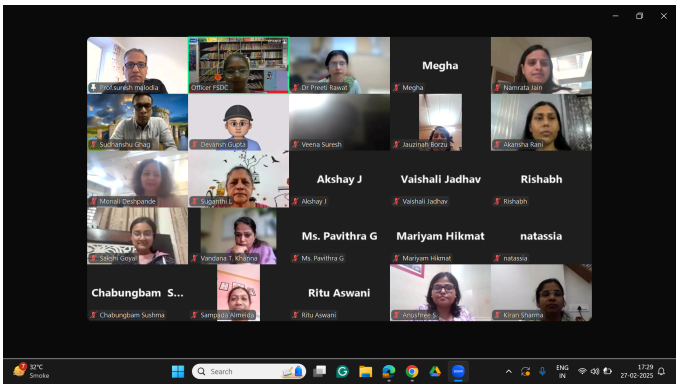


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Day 3: 28th February 2025

Session 1: Application and Advanced Techniques, Online Experimentsvs. Lab Experiments and A/B Testing (2:00 pm to 3:30 pm)

The first session was led by Dr Suresh Malodia, focused on the application of advanced research techniques, including online experiments, A/B testing, and the role of AI-powered chatbots in mitigating emotional burnout. The session explored key considerations in experimental design, particularly the distinctions between online and laboratory-based experiments. Dr Malodia highlighted the importance of randomisation in research and cautioned against the potential biases inherent in algorithm-driven online experiments. Additionally, he examined the effectiveness of AI-powered chatbots in service industries, proposing an experimental framework to assess their impact on employee emotional burnout. The proposed study would involve two conditions—one in which employees handle complaints with AI assistance and another without—allowing for a comparative analysis of burnout levels. Participants were also introduced to online experimental platforms such as Prolific, with a focus on their advantages for large-scale data collection and research efficiency.

Session 2: Reporting and Presenting Research (3:45 pm to 5:15 pm)

The second session focused on the reporting and presentation of research findings. Dr Malodia explained the application of Analysis of Variance (ANOVA) in experimental research, demonstrating its use in Statistical Package for the Social Sciences (SPSS), though no hands-on exercises were conducted. He discussed the distinctions between ANOVA and Analysis of Covariance (ANCOVA), the calculation of effect sizes (Eta squared), and the interpretation of results using real-world examples. Additionally, he examined a research paper on social media engagement, comparing consumer-generated (prosumer) content with firm-created content. Emphasising the importance of replicability in research, he encouraged participants to pre-register their studies on platforms such as aspredicted.org. Dr Malodia concluded the session by providing insights into publishing in high-impact journals. He advised participants to develop strong theoretical frameworks, begin with lower-ranked journals before progressing to top-tier publications, and maintain transparency in data reporting. The session concluded with a Q&A, where he addressed queries on data repositories, journal publication timelines, and the use of Prolific for research. He also agreed to share presentation slides from previous sessions and offered mentorship to interested participants.

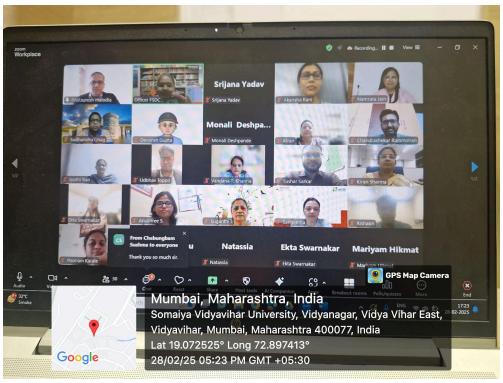




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Image no: 319

Day 4: 1st March 2025

Session 1: Systematic Reviews: Database Search, Prisma Protocol, Flowcharts Graphs (2:00 PM – 3:30 PM)

The first session was led by Dr Prasenjit Chatterjee, Professor and Dean, Mirjamal Chhaganlal Kejriwal Vidyapeeth Institute of Engineering, West Bengal; it focused on writing review papers, outlining their structure, key components, and methodologies for conducting systematic literature reviews; he also explained how review papers critically evaluate existing research and summarise key findings within a specific field. He emphasised the importance of defining a clear research scope, formulating precise research questions, and utilising

reliable databases such as Scopus and Web of Science for comprehensive literature searches. The session also addressed strategies for narrowing broad research topics into more specific themes to ensure a focused and valuable review. Dr Chatterjee recommended a structured approach, following the IMRAD (Introduction, Methods, Results, and Discussion) format, to ensure clarity and coherence in review papers.

Session 2: Introduction to Writing a Structured Literature Review (3:45 pm to 5:15 pm)

The second session focused on advanced techniques for conducting systematic literature reviews. Dr Chatterjee introduced key strategies such as citation chaining, Boolean search operations, and PRISMA flow diagrams to ensure a structured and replicable review process. He demonstrated literature search techniques using Scopus, highlighting the application of filters and export functions for data analysis. He advised that an ideal review paper should include 200–400 studies to ensure comprehensive coverage without unnecessary complexity. The session also covered bibliometric analysis to assess research impact, explaining its role in identifying key authors, influential institutions, and research trends. Dr Chatterjee emphasized that combining bibliometric analysis with literature reviews enhances publication prospects. He discussed the use of tables and figures in review papers, explained their role in presenting research trends, collaboration networks, and classification frameworks, and provided guidelines on ensuring clarity and proper citation. In the final segment, he briefly introduced R Studio and VOSviewer, outlining their application in bibliometric analysis.

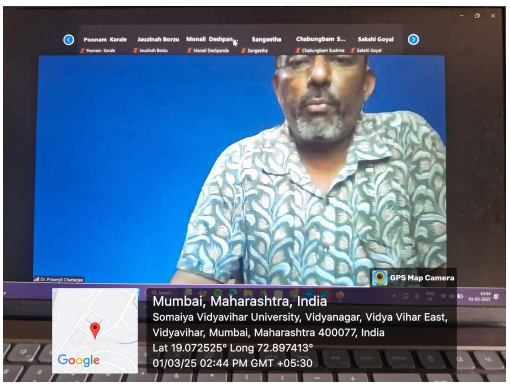


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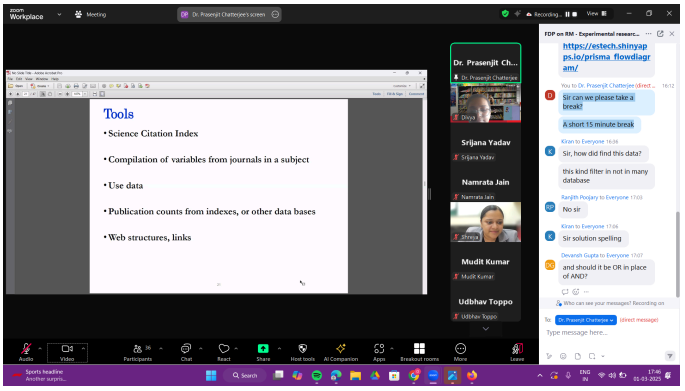


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Day 5: 2nd March 2025

Session 1: Bibliometric Analysis using R and VOSviewer (2:00 PM – 3:30 PM)

The session conducted by Dr. Prasenjit Chatterjee, introduced participants to bibliometrics as a research assessment tool, explaining its evolution from book impact measurement to journal and conference paper analysis. Dr. Chatterjee guided participants through the installation and application of bibliometric tools in R Studio, addressing common installation challenges.

Several attendees faced difficulties in setting up R and R Studio, which led to troubleshooting discussions and peer support. The session emphasized key bibliometric techniques such as co-citation analysis, bibliographic coupling, and research mapping, which help identify influential publications and emerging research trends. A hands-on bibliometric study on the Marcos method was conducted, analyzing 272 papers from 160 journals authored by 746 individuals. The analysis revealed key insights, including the most cited authors, dominant research themes, and the role of different countries in contributing to the field. Dr. Chatterjee also demonstrated VOSviewer for visualizing research networks, explaining its application in co-authorship, citation, and keyword analysis. Participants were encouraged to explore these tools for their own research.

Session 2: Writing a Bibliometric Paper (3:45 PM – 5:15 PM)

The second session focused on the structured approach to writing bibliometric research papers, offering participants an in-depth understanding of how to develop impactful literature reviews. Dr. Prasenjit Chatterjee elaborated on two principal types of bibliometric papers: thematic papers, which explore research trends within a specific domain, and method-based papers, which analyse bibliometric methodologies in a particular field. Dr. Chatterjee emphasised the significance of utilising high-quality references, defining a clear research scope, and employing structured methods to enhance publication prospects. Participants were introduced to best practices for conducting literature searches using databases such as Scopus and Web of Science, focusing on strategies to increase research visibility and citation impact. Additionally, Dr. Chatterjee provided guidelines on effectively incorporating tables, figures, and citation networks within bibliometric papers. He explained how bibliometric analysis complements systematic literature reviews, enabling researchers to identify gaps in existing research and emerging trends within their respective fields.

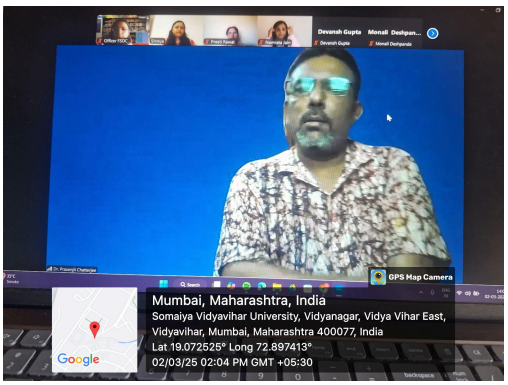


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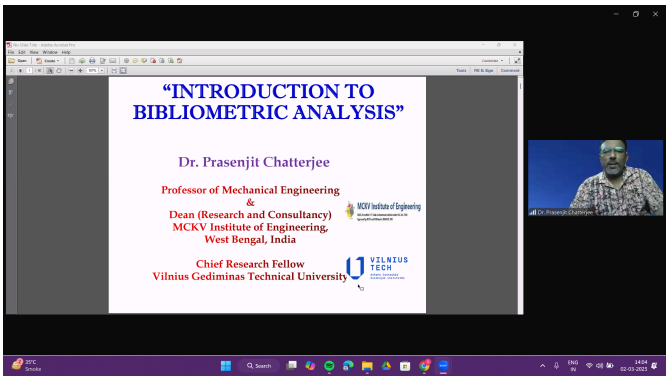


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Towards the conclusion of the session, participants were encouraged to consider submitting their research to the International Bibliometric Symposium on Disruptive Technology

Research. The session formally concluded with a Q&A round, where participants actively engaged in discussions and provided positive feedback on the session's content and delivery. Finally, Dr. Preeti Rawat, Director of the Faculty & Staff Development Centre, Somaiya Vidyavihar University, Mumbai, delivered the vote of thanks, expressing gratitude to Dr. Chatterjee for his insightful contributions and acknowledging the participants for their enthusiasm and engagement throughout the Faculty Development Programme (FDP).



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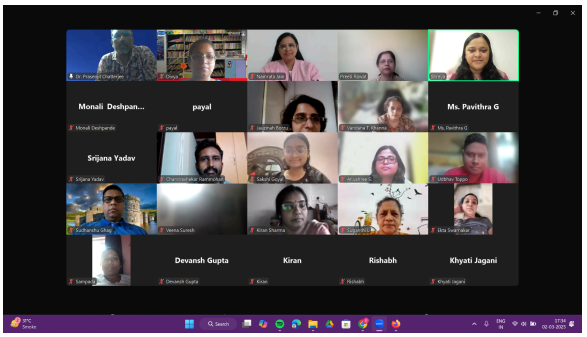


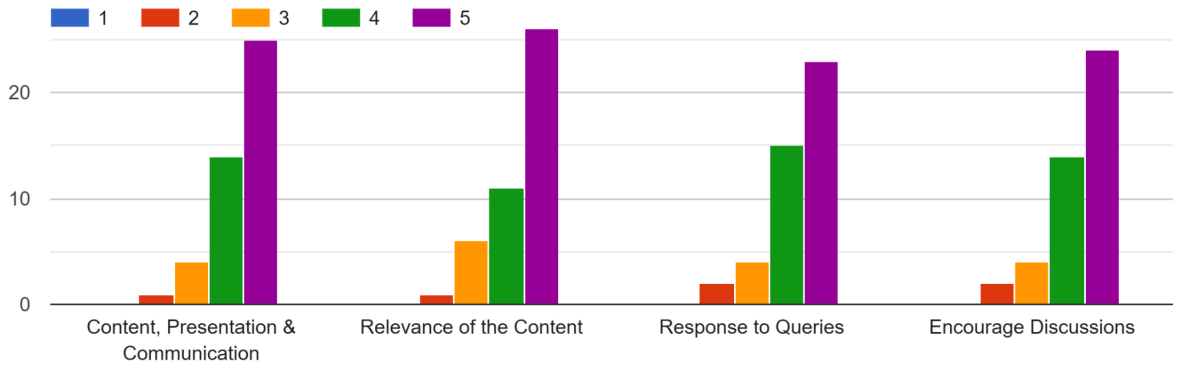
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Feedback Analysis:

No of Participants	**56**
Feedbacks Received	**44**
Facilitator Feedback: Dr. Suresh Malodia	**4.31**
Facilitator Feedback: Dr. Suresh Malodia	**4.41**
Facilitator Feedback: Dr. Suresh Malodia	**4.31**
Facilitator Feedback: Dr. Prasenjit Chatterjee	**4.52**
Facilitator Feedback: Dr. Prasenjit Chatterjee	**4.49**
Overall Feedback Analysis	**4.48**

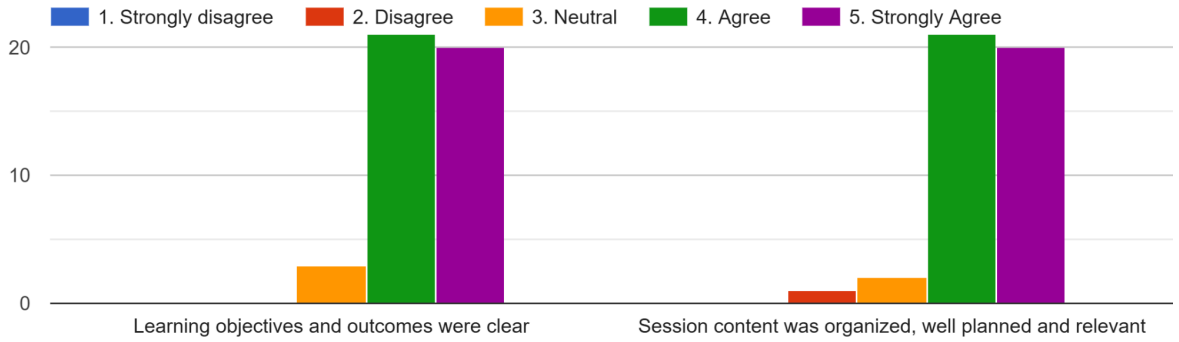
Day 1:
Facilitator Feedback: Dr. Suresh Malodia

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



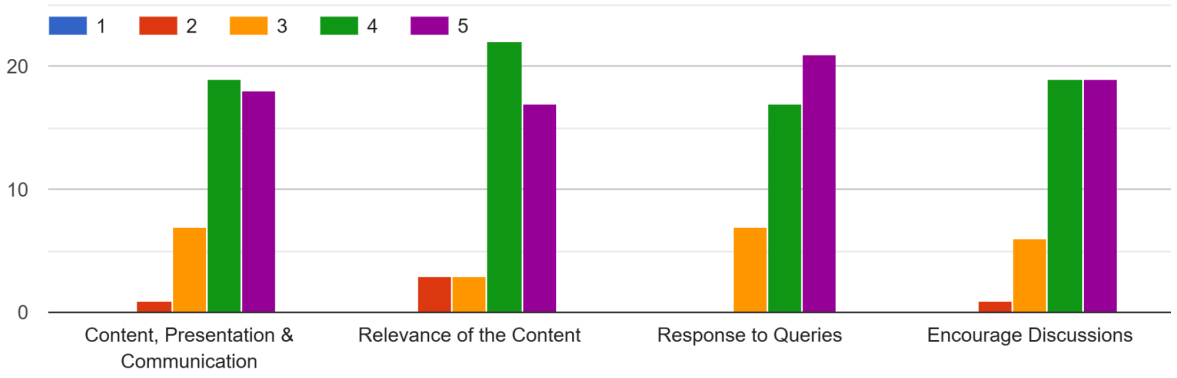
Learning Outcomes Feedback:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



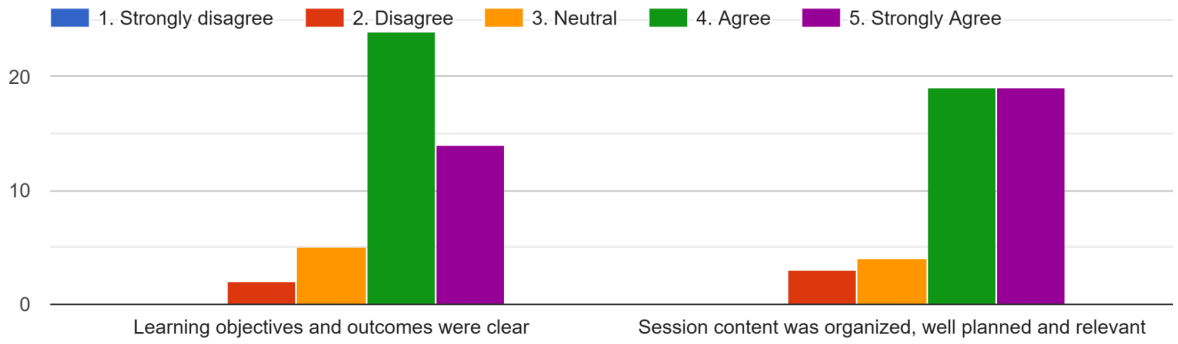
Day 2:
Facilitator Feedback: Dr. Suresh Malodia

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



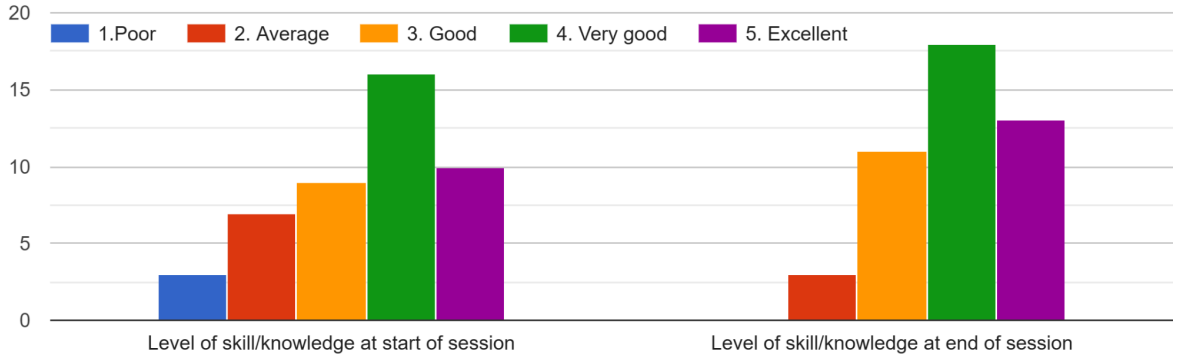
Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



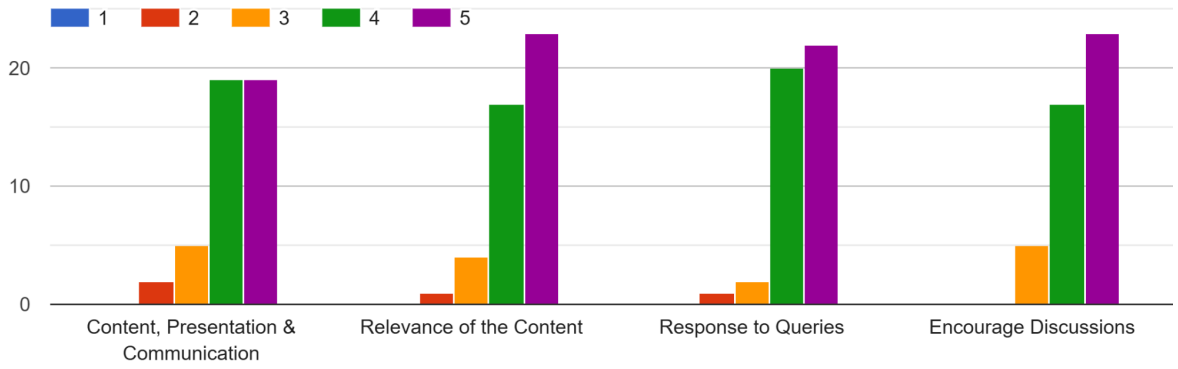
Learning Outcomes Feedback:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



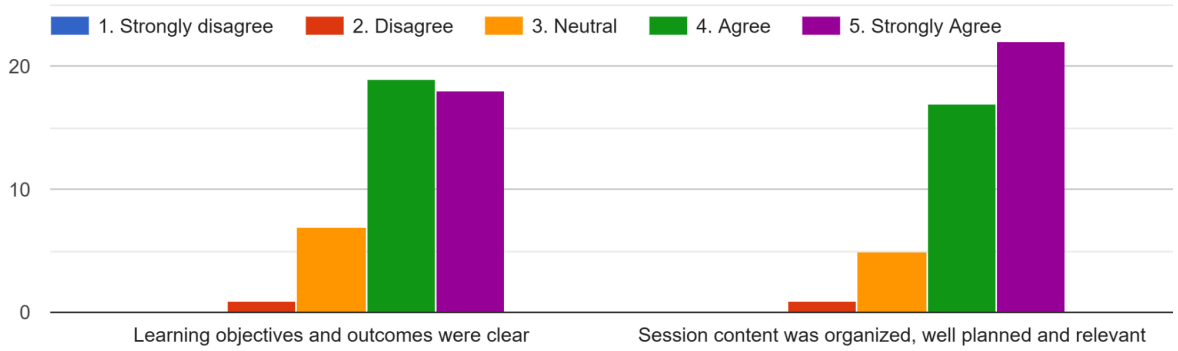
Day 3:
Facilitator Feedback: Dr. Suresh Malodia

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



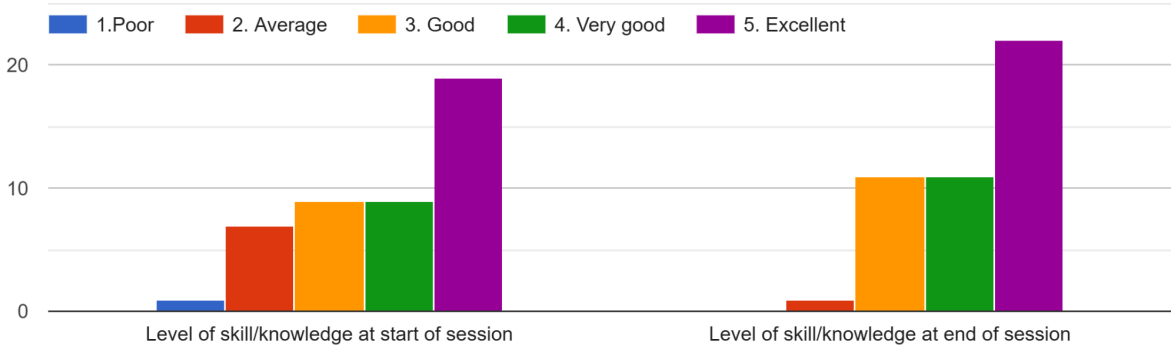
Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



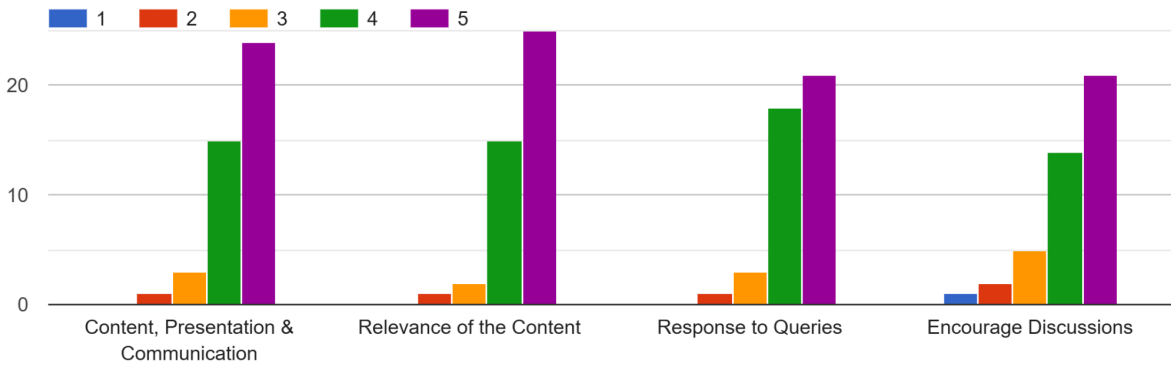
Learning Outcomes Feedback:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



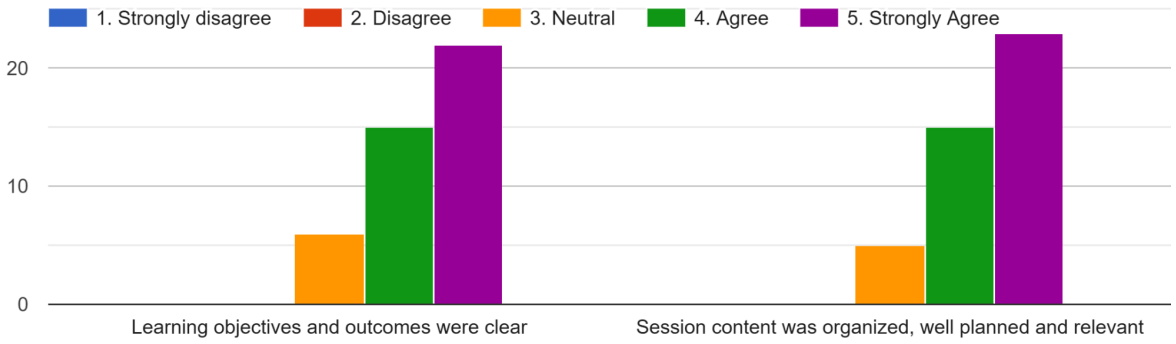
Day 4:
Facilitator Feedback: Dr. Prasenjit Chatterjee

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



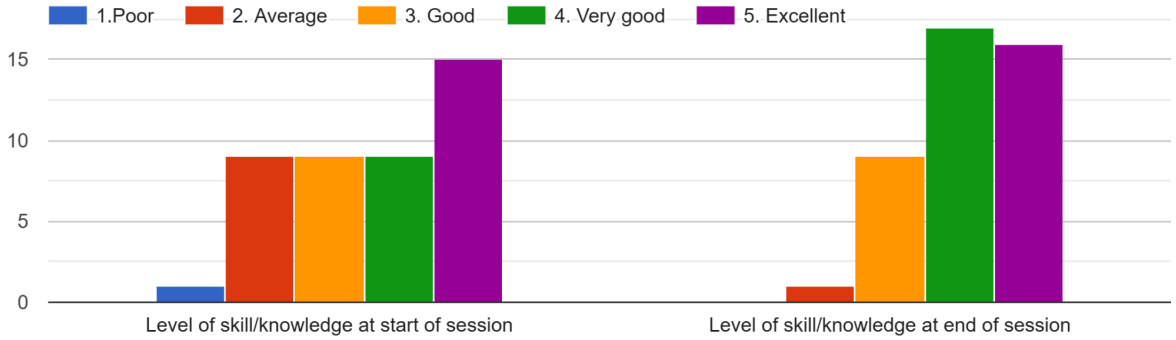
Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



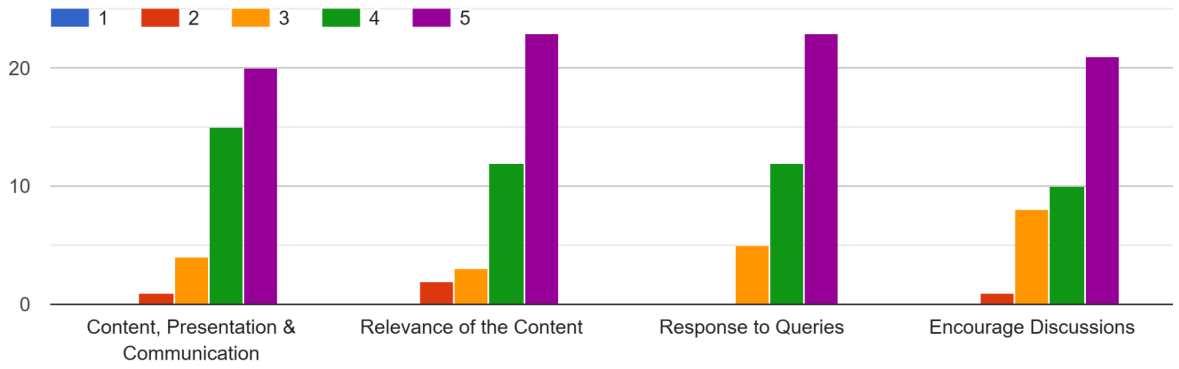
Learning Outcomes Feedback:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



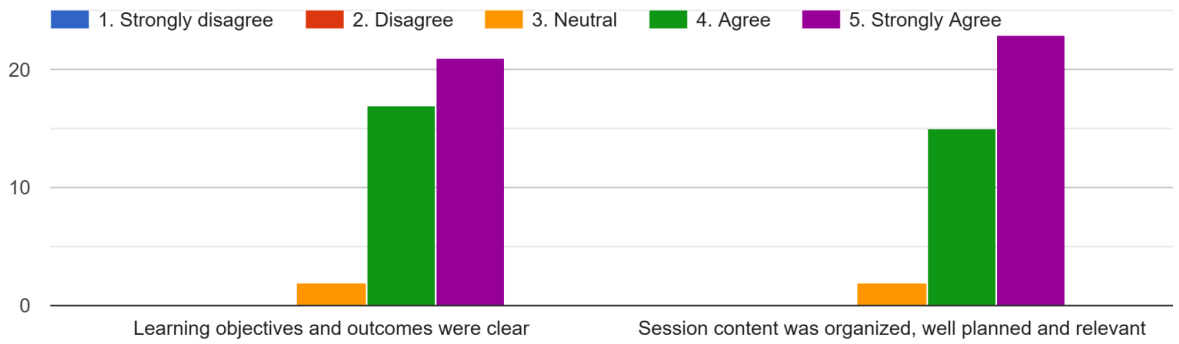
Day 5:
Facilitator Feedback: Dr. Prasenjit Chatterjee

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



Learning Outcomes Feedback:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



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Faculty & Staff Development Centre

(FSDC is recognised by the Association of Indian Universities as AIU-SVU FSDC'S AADC*)

Invites you for the Online Faculty Development Programme on

Research Methodology: Experimental Research, Structured LIterature Review and Bibliometric Analysis

26th Feb – 2nd Mar 2025 | 2:00 PM to 5:00 PM

Content

- Importance of systematic reviews in academic research and experimental research design
- Database search strategies, review protocol design, inclusion/exclusion criteria, and formulating research objectives.
- Using PRISMA flow diagrams, bibliometric analysis, citation/co-citation analysis, and bibliometric mapping
- Experimental design methods: randomisation, control, and pre-testing, along with ethical considerations
- Data collection techniques, ensuring reliability and validity, and basic statistical analysis
- Designing experiments: within-subjects vs. between-subjects, manipulation checks, and handling unexpected issues
- Preparing structured review and bibliometric papers, including effective use of visuals and graphs
- Reporting and presenting research findings effectively, including peer review and feedback
- Conducting pre-tests, adjustments based on pre-test results, and designing manipulation checks
- Practical analysis of real-life data and interpreting results for research conclusions

Facilitators



Dr Prasenjit Chatterjee
Professor and Dean, MCKV Institute of Engineering



Dr Suresh Malodia
Associate Professor, Mudra Institute of Communications, Ahmedabad

For more details

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officer.fsdc@somaiya.edu
programmanager.fsdc@somaiya.edu

*Academic & Administrative Development Centres (AADC)

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Faculty & Staff Development Centre
(AIU-SVU FSDC'S AADC)

Report on FDP: Structural Equation Modelling (SEM)

Dated: 21-25 April 2025

The Faculty & Staff Development Centre (FSDC), organised an Online Faculty Development Programme (FDP) on 'Structural Equation Modelling (SEM) using SmartPls' from 21st April 2025 to 25th April 2025. The FDP spanning 15 hours facilitated by Dr. Atul Shiva, Assistant Professor and FPM Chair, Jaipuria Institute of Management, India and Dr. Ajay Chauhan, Chief Consultant, Research Shiksha Former Director, FPM, UBS, Mumbai was designed to help participants gain hands-on training on SmartPls covering essential concepts such as prediction modeling, performance mapping, mediation & moderation analysis, data validation, and bias checks. The FDP commenced with the Somaiya Campus Prayer and was further addressed by Dr Preeti Rawat, Director FSDC , highlighting the role and objectives of FSDC.



Image no: 326

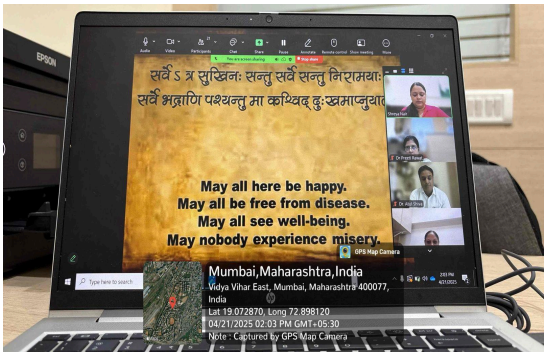


Image no: 327

Dated: 21 April 2025

Session 1: Confirmatory Factor Analysis (CFA) for Reflective Constructs. (2:00 PM – 3:30 PM)
Dr. Atul Shiva began with the foundations of CFA, focusing on reflective constructs where indicators reflect an underlying latent variable. The session elaborated on evaluating model fit indices, loadings, composite reliability, and convergent and discriminant validity. Participants practiced model building and refinement using SmartPLS, enhancing their ability to test measurement models for research publications.

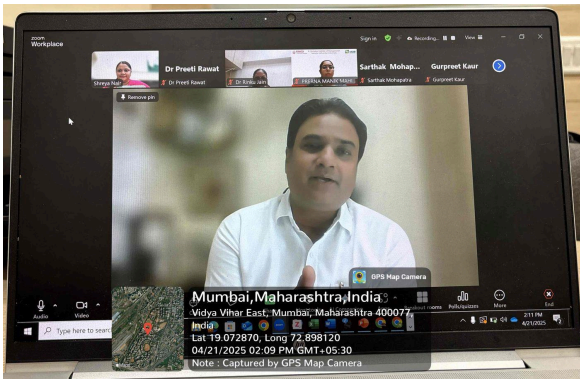


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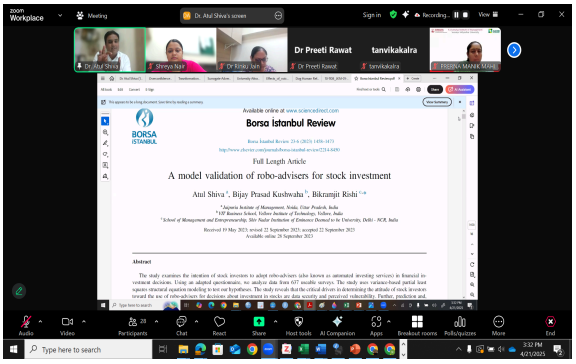


Image no: 329

Session 2: Confirmatory Factor Analysis (CFA) for Formative Constructs. (3:45 PM – 5:15 PM)

This session addressed the lesser-discussed but crucial formative constructs, where indicators form the latent variable. Dr. Shiva explained the nuances of formative model validation, including the role of outer weights, multicollinearity testing, and redundancy analysis. Live demonstrations showed how incorrect modeling of formative constructs could significantly alter research outcomes.The session focused on the differences between formative and reflective constructs, guiding participants on evaluating formative measurement models using outer weights, variance inflation factor (VIF), and redundancy analysis.

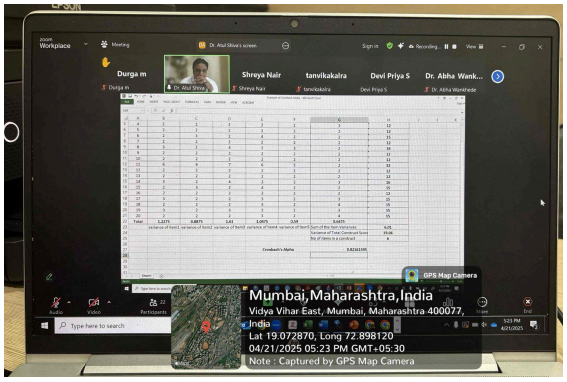


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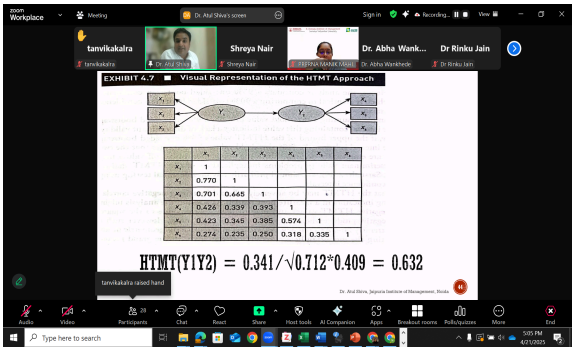


Image no: 331

Dated: 22 April 2025

Session 1: Structural Equation Modelling (SEM) (2:00 PM – 3:30 PM)

Dr. Shiva explained the basics of structural models, covering hypotheses testing through path coefficients. Participants were introduced to structural model evaluation, focusing on analyzing relationships between latent variables. Hands-on exercises were conducted to interpret SEM results, assess model fit and quality assessment.



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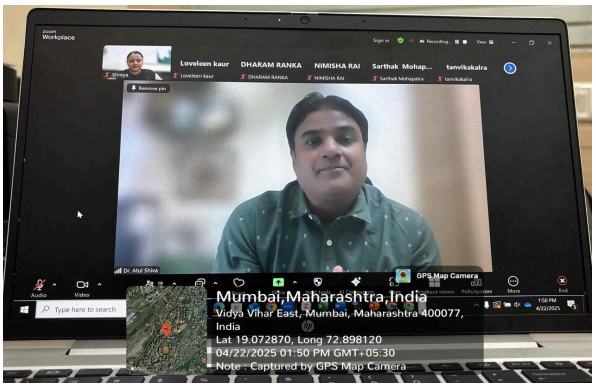


Image no: 333

Session 2: PLS Prediction and Importance-Performance Mapping Analysis. (3:45 PM – 5:15 PM)
This session explored how to perform predictive assessments within PLS-SEM frameworks. Participants learned about PLS Prediction procedures and how to interpret their results. Furthermore, the Importance-Performance Map Analysis (IPMA) technique was introduced, helping researchers and practitioners prioritize key constructs based on their importance and current performance levels.

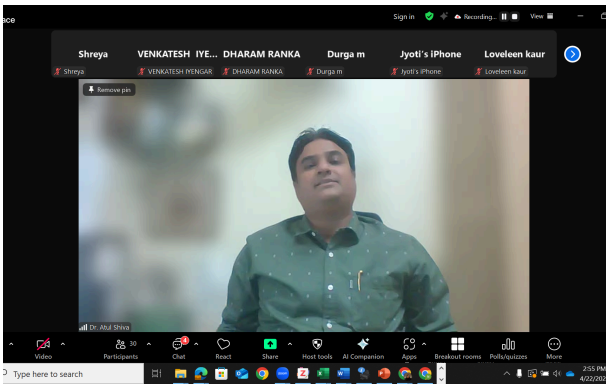


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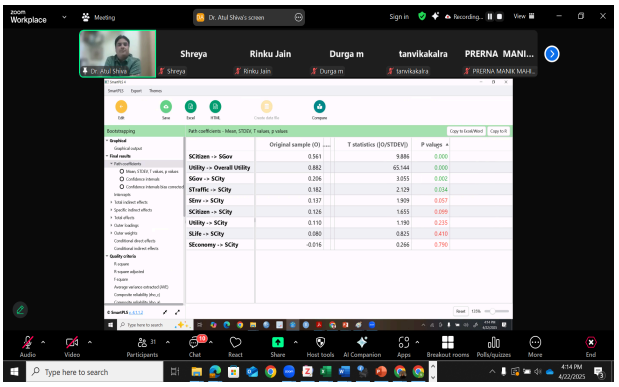


Image no: 335

Dated: 23 April 2025

Session 1: Higher Order Modelling. (2:00 PM – 3:30 PM)
Dr. Shiva discussed modeling of complex constructs that operate at multiple levels, such as second-order or higher-order factors. The session covered different modeling approaches including repeated indicators, two-stage approaches, and hybrid techniques, giving participants the ability to deal with abstract multidimensional concepts in their research.

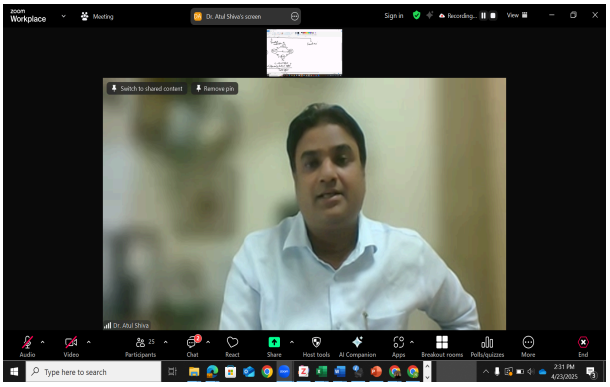


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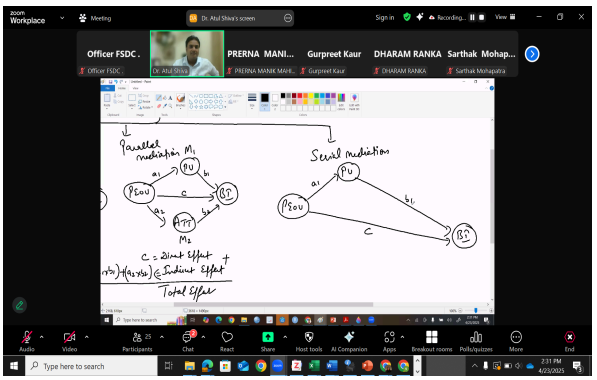


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Session 2: Mediation. (3:45 PM – 5:15 PM)
The concept of mediation was explored, demonstrating how an intervening variable transmits the effect of an independent variable onto a dependent variable. Dr. Shiva explained bootstrapping methods for indirect effect testing and guided participants in reporting mediation results for scholarly publications. He also discussed the concept of mediation, including direct, indirect, and total effects.

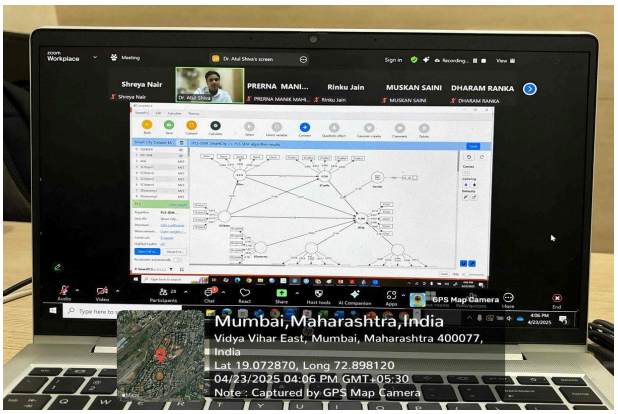


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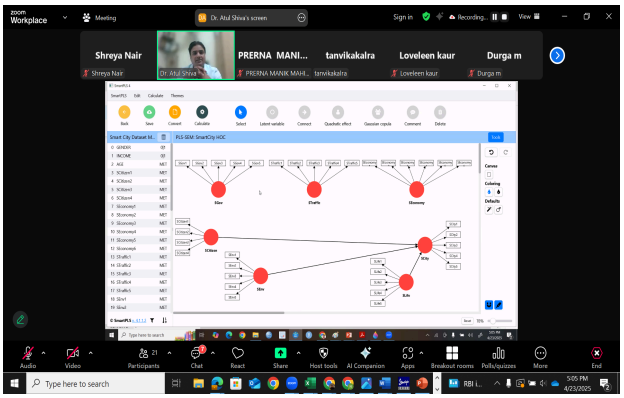


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Dated: 24 April 2025

Session 1: Moderation Part 1. (2:00 PM – 3:30 PM)
Dr. Ajay Chauhan introduced participants to moderation analysis, a key method to explore how the strength or direction of relationships changes across levels of a moderator variable. Through interactive exercises, participants learned how to create interaction terms and test moderating effects using SmartPLS.

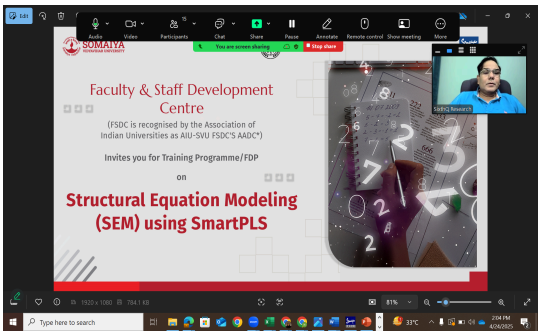


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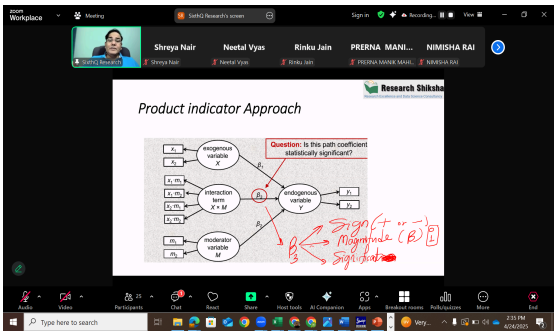


Image no: 341

Session 2: Moderation Part 2. (3:45 PM – 5:15 PM)
Building upon the foundations, the second session explored advanced moderation techniques, including multi-group analysis (MGA) and the two-stage approach. Dr. Chauhan emphasized interpreting interaction effects carefully and illustrated best practices for presenting moderation findings.



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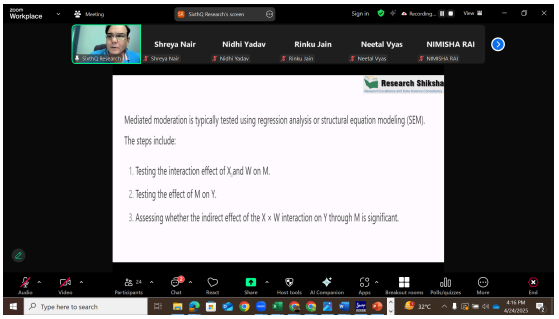


Image no: 343

Dated: 25 April 2025

Session 1: Data Analysis Fundamentals. (2:00 PM – 3:30 PM)
This session strengthened participant's skills in preparing data for SEM. Dr. Chauhan included topics such as common method bias detection, handling marker variance, conducting normality checks, and determining appropriate sample sizes using inverse square root methods. Participants gained clarity on best practices to ensure robustness and credibility in data analysis.

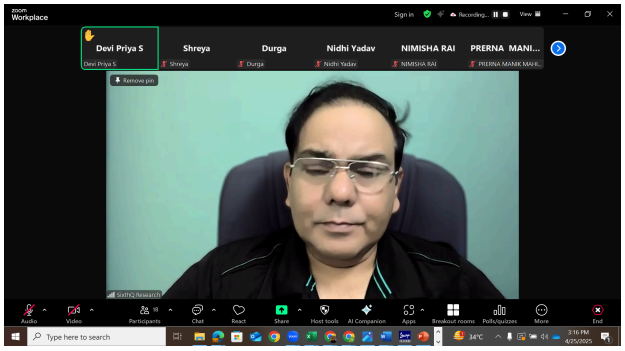


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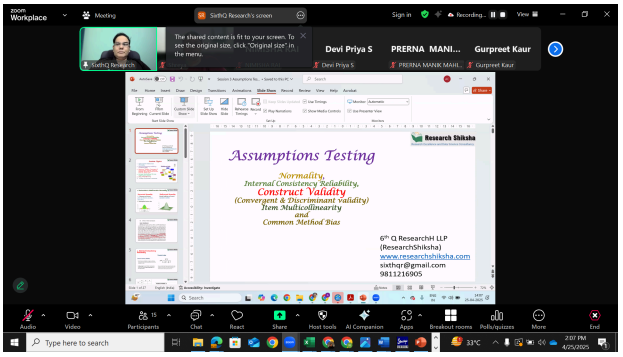


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Session 2: Research Paper Writing Techniques. (3:45 PM – 5:15 PM)
Dr. Chauhan trained participants on how to effectively present their research in academic journals. Key sections discussed included framing theoretical and practical implications, writing impactful conclusions, articulating ethical statements, and identifying future research directions. Participants reviewed successful paper structures and engaged in exercises on academic writing and critical review.

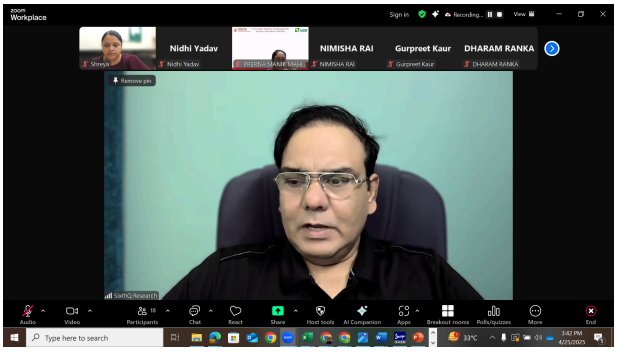


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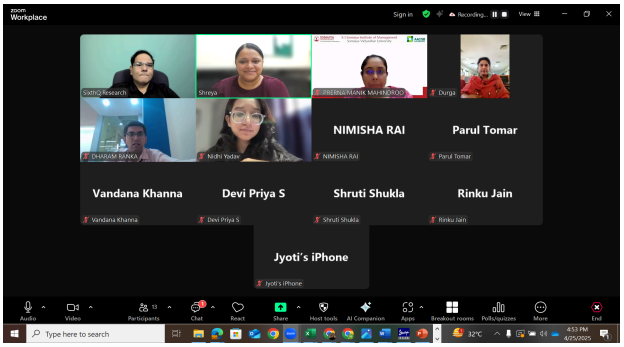


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Valedictory Session:
The session formally concluded with an interactive Q&A round, where participants actively engaged with the facilitators, seeking clarifications, sharing their learning experiences, and discussing future applications of PLS-SEM techniques in their research endeavors. The overwhelming positive feedback received highlighted the participants' appreciation for the practical orientation, clarity of concepts, and hands-on training provided throughout the FDP. Finally, Ms. Shreya Nair, Program Manager, delivered the vote of thanks expressing gratitude towards the facilitators for their insightful guidance and acknowledged the participants for their active engagement and enthusiasm throughout the FDP.

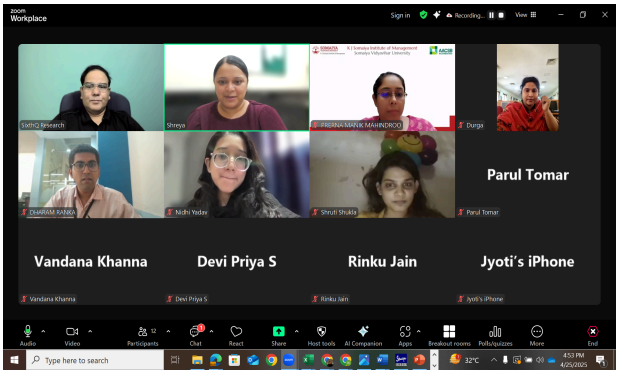


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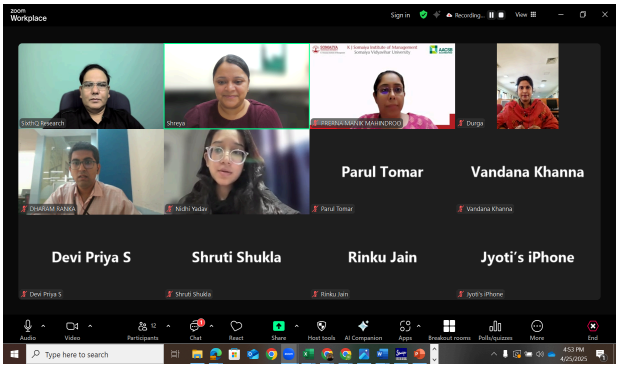
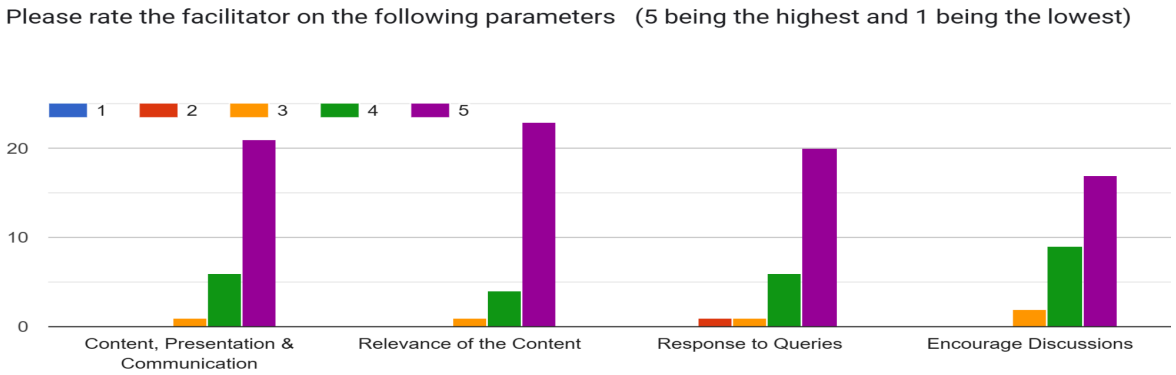


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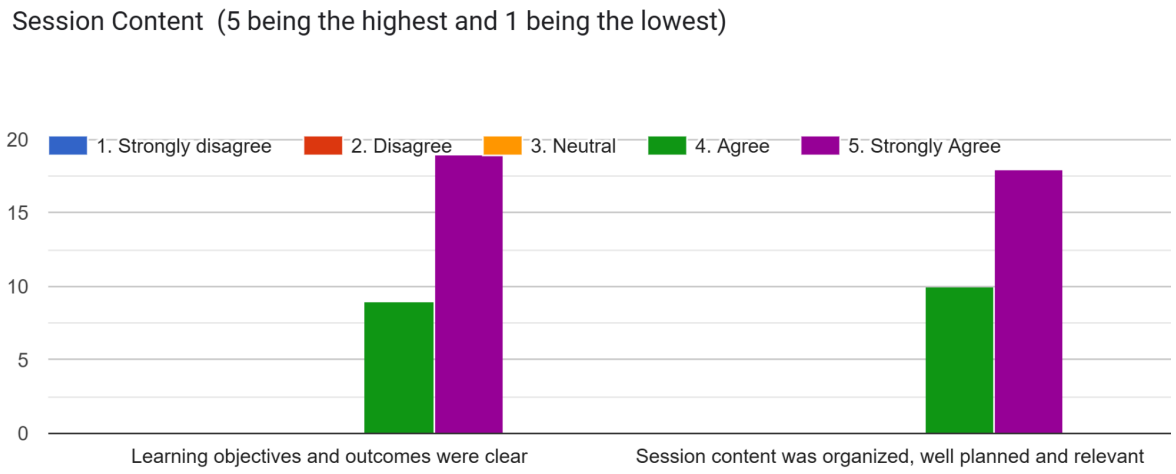
Feedback Analysis:

No. of Participants	**35**
Feedbacks Received	**28**
Facilitators Feedback: Dr Atul Shiva	**4.70**
Facilitators Feedback: Dr Ajay Chauhan	**4.40**
Overall Feedback Analysis.	**4.45**

Day 1:
Facilitators Feedback: Dr. Atul Shiva.



Session & Content Feedback:



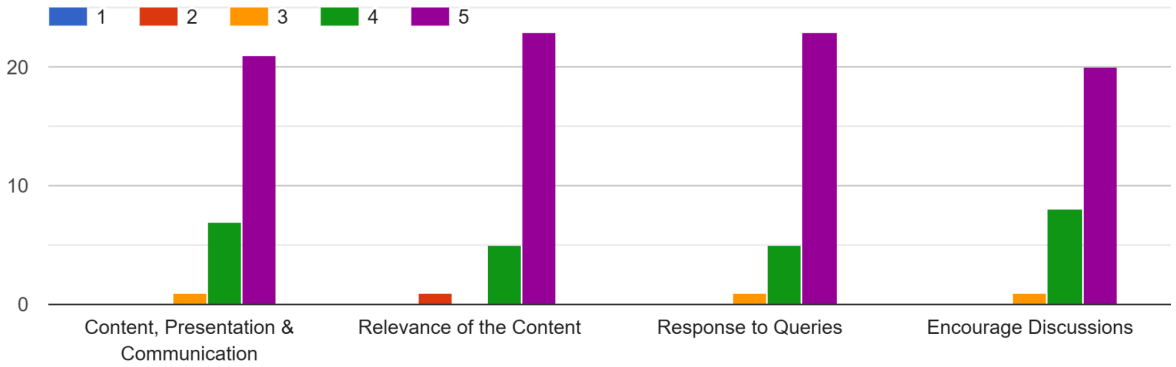
Learning Outcomes Feedback:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



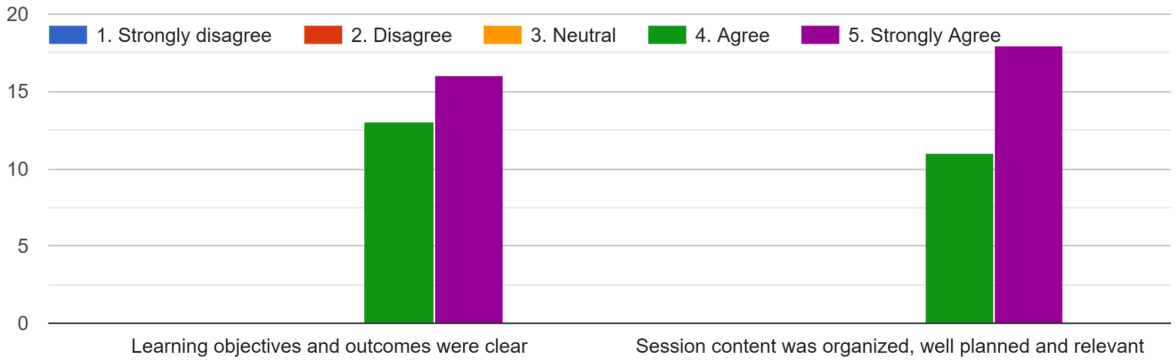
Day 2:
Facilitator Feedback: Dr. Atul Shiva

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



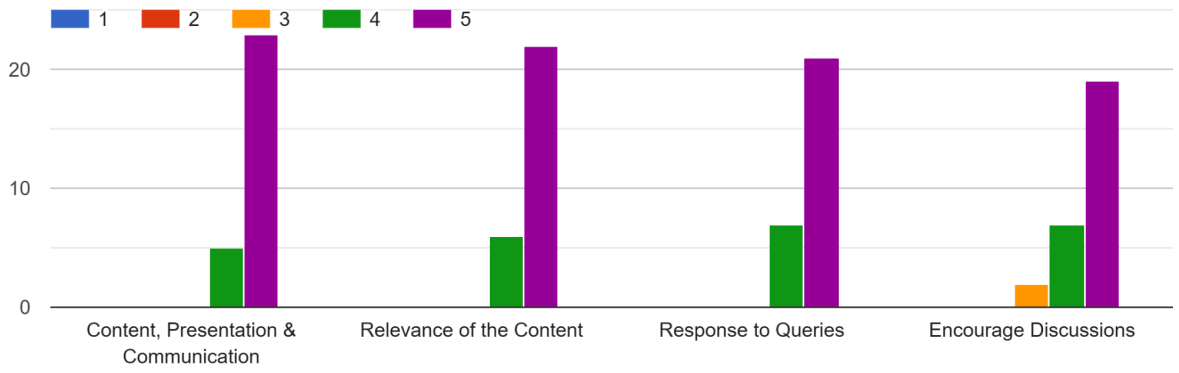
Learning Outcomes Feedback:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



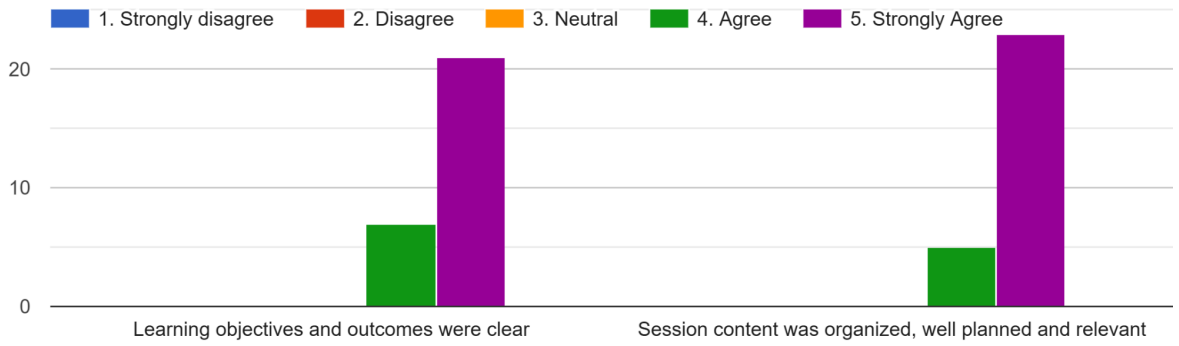
Day 3:
Facilitators Feedback: Dr. Atul Shiva

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



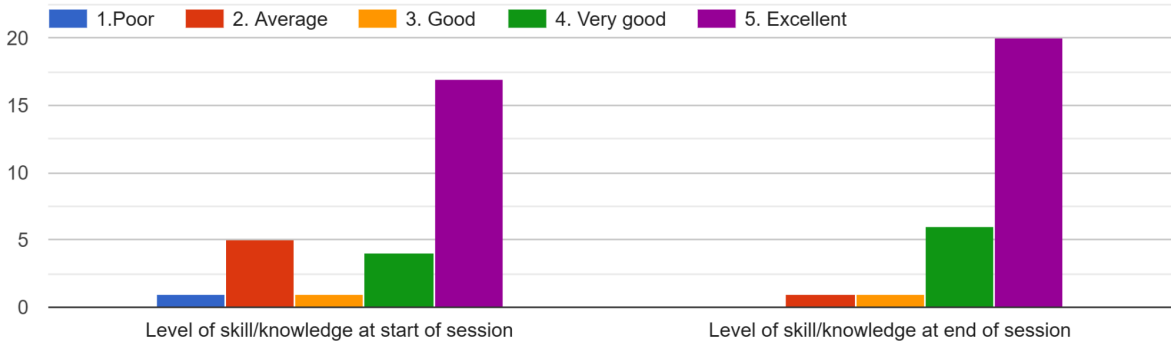
Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)



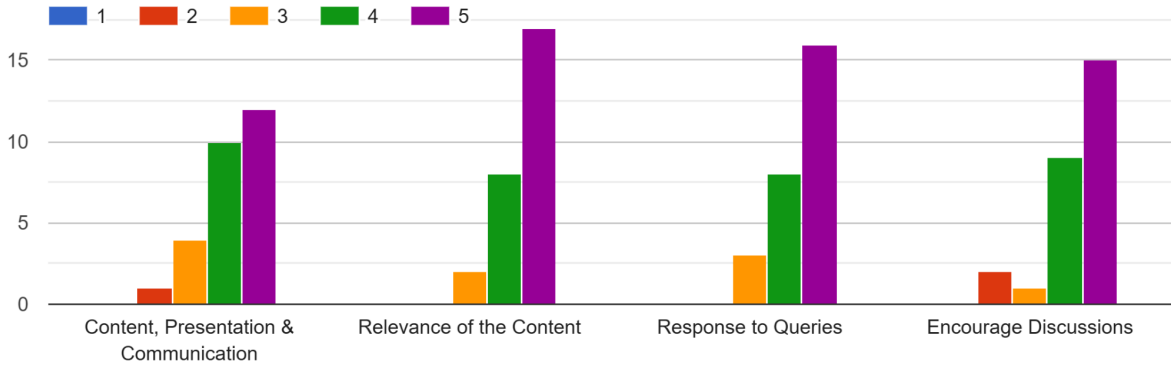
Learning Outcomes Feedback:

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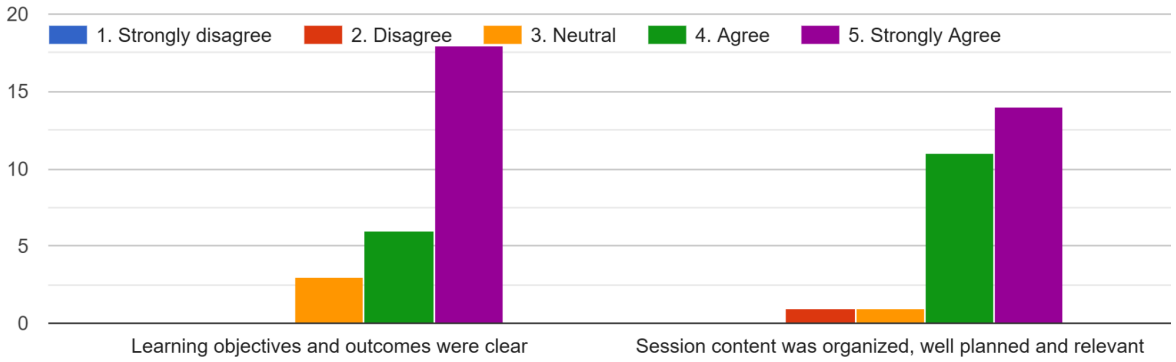
Day 4:
Facilitators Feedback: Dr Ajay Chauhan.

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



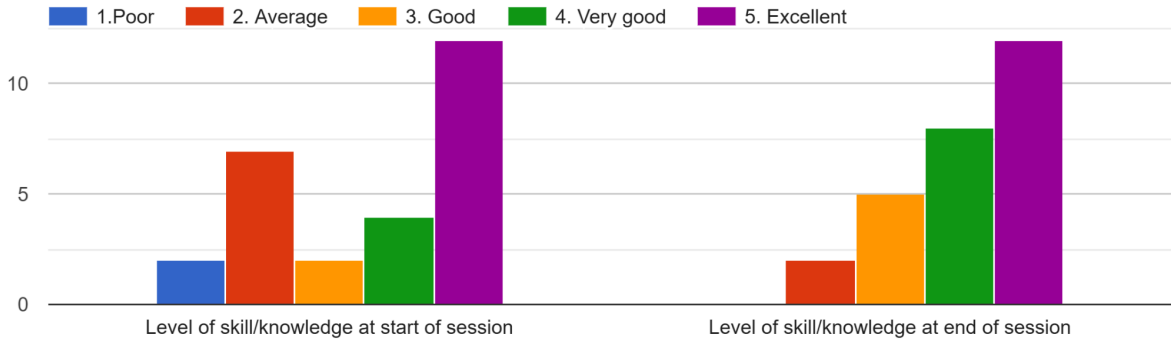
Session & Content Feedback:

Session Content (5 being the highest and 1 being the lowest)

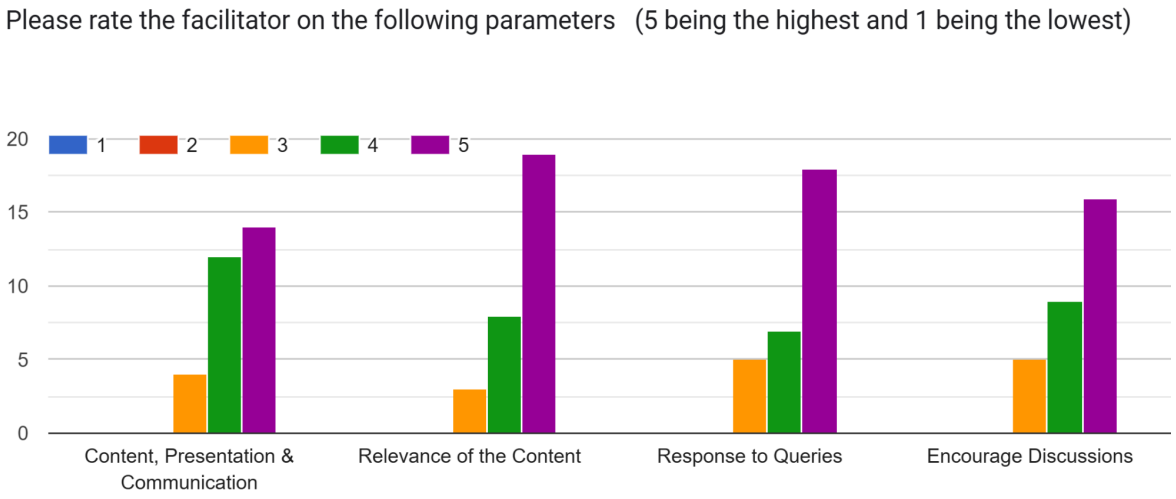


Learning Outcomes Feedback:

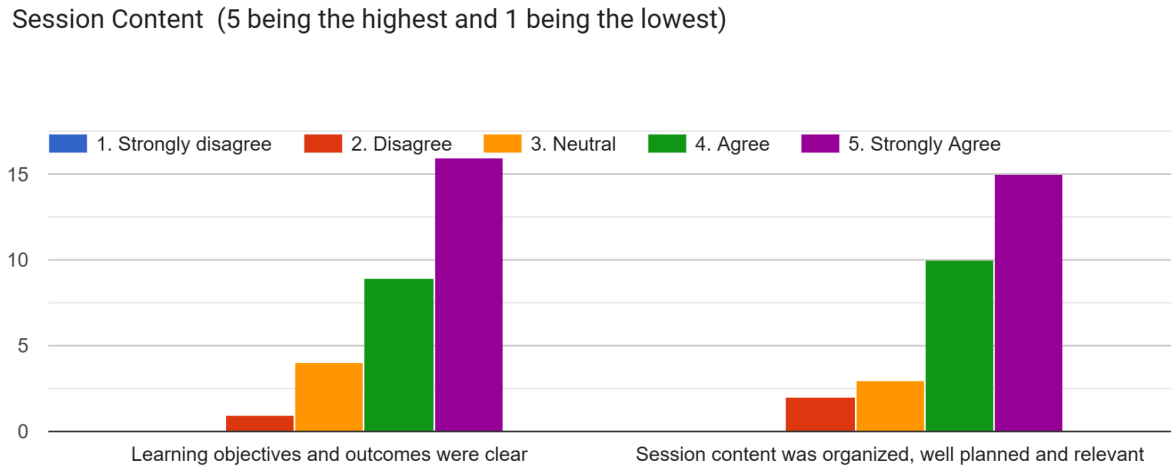
Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Day 5:
Facilitators Feedback: Dr, Ajay Chauhan.



Session & Content Feedback:



Learning Outcomes Feedback:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



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Invites you for the Online Faculty Development Programme on

Structural Equation Modeling (SEM) using SmartPLS

21st – 25th April 2025 | **2:00 - 5:00 PM**

Content

- Structural Equation Modelling
- PLS Prediction & Performance Mapping
- Higher-Order Modelling Insights
- Mediation & Moderation Analysis
- Data Validation & Bias Checks
- Writing an Effective Analysis Section

Facilitators



Dr Ajay Chauhan
Chief Consultant,
Research Shiksha Former Director
FPM, UBS, Mumbai



Dr Atul Shiva
Assistant Professor and FPM Chair,
Jaipuria Institute of Management,
Noida

Complementary SmartPLS licence (with 2 month validity) will be provided to participants who do have access to the paid version of the software.

For more details

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programmanager.fsdc@somaiya.edu

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In collaboration with Department of Finance & Law
K J Somaiya Institute of Management

Report on FDP: Leveraging the Bloomberg Platform for Training, Learning and Research.

Inauguration Ceremony:
The Faculty & Staff Development Centre (AIU-SVU FSDC'S AADC) in collaboration with Department of Finance & Law K J Somaiya Institute of Management organised a Faculty Development Programme on 'Leveraging the Bloomberg Platform for Training, Learning and Research' from 20th June - 21st June 2025. The FDP spanning over 16 hours of hands-on training was designed to equip the participants with in-depth knowledge of Bloomberg Terminal functionalities, enabling them to integrate practical financial analysis tools into their academic and professional work. The FDP was inaugurated with a welcome address by Dr. Preeti Rawat, Director, Faculty & Staff Development Centre, Somaiya Vidyavihar University, Mumbai. Dr. Rawat set the tone for the programme by highlighting its objectives and significance, laying a strong foundation for the sessions to follow.

Dated: 20th June 2025

Session 1: Introduction to Bloomberg platform and macroeconomic indicators (9.40 am – 11.10 am)
Dr. Hitesh Punjabi, Professor - Department of Finance, K J Somaiya Institute of Management, Mumbai, conducted a detailed workshop on the Bloomberg Terminal, highlighting its applications in teaching, research, and financial analysis. He outlined the workshop structure, covering key areas such as fundamental analysis, bond and commodity markets, derivatives, and technical analysis. Participants were introduced to essential Bloomberg functions like WEI (world indices), EQS (stock screening), ECST (economic stats), ECAN (inflation), FCON (financial conditions), and ECFC (economic forecasts). Dr. Hitesh demonstrated how to analyze global events, economic indicators, and portfolio data, encouraging hands-on learning and certification. He emphasized critical thinking and scenario analysis, noting insights on foreign portfolio investments and India's current market valuations.



Image No: 402

Session 2: Introduction to bond, forex and commodity markets (11.30 am – 1.00 pm)
Dr. Aparna Bhat, Associate Professor - Finance, K. J. Somaiya Institute of Management Studies and Research, Mumbai, led an in-depth session on bond markets, focusing on the U.S. and Indian contexts. She explained key concepts using Bloomberg tools like BTMM and YAS, covering federal funds rates, repo rates, MIBOR, and Treasury yields. The session included analysis of Federal Reserve policies, yield curves, and the impact of geopolitical events on bond markets. She demonstrated techniques for yield and spread analysis, credit comparables, and bond risk assessment using duration. She highlighted institutional investor behavior, risk premiums, and recession indicators through yield curve spreads. The session concluded with a brief overview of upcoming topics, including forex, commodities, and derivatives, to be covered in the next session.

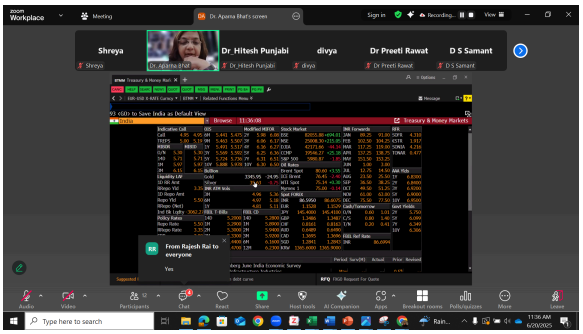


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Session 3: Introduction to fundamental analysis: News analysis, Industry and company analysis and corporate governance. (2.00 pm – 3.30 pm)
In this session Dr. Hitesh Punjabi demonstrated Bloomberg Terminal's advanced features for company and sector analysis. He covered financial data retrieval, insider transactions, supply chains, sentiment analysis, and default risk models using examples like Infosys and Paytm. He also introduced Bloomberg Intelligence (BI) for sector insights, showcasing commands like BI, GMM, TREN, and SCCF for market trends, ESG data, and industry analysis. The session emphasized practical application for academic and professional research.



Image No: 404

Session 4: Introduction to derivatives markets (3.45 pm – 5.15 pm)
Dr. Aparna Bhat, conducted a session on Bloomberg tools for analyzing derivatives and bond markets, explaining credit ratings, CDS, and the impact of global events on yields and premiums. She used real examples like Boeing, IBM, and Turkey's sovereign CDS. The session also covered forex and commodities analysis, introducing commands like DXY, WCR, and EPU. Key topics included carry trade, gold-silver ratio, and central bank interventions. Participants were encouraged to apply these tools in research and market analysis.



Image No: 405

Dated: 21st June 2025

Session 1: Sentiment analysis, Mutual Funds, Portfolio management, backtesting and technical analysis (9.30 am – 11.00 am)
In this session led by Dr. Hitesh Punjabi, Professor - Department of Finance, K J Somaiya Institute of Management, Mumbai, focused on advanced functionalities of the Bloomberg Terminal for trading and financial analysis. Participants were introduced to key commands for fundamental and technical analysis, portfolio design, and backtesting, including PF, PEFR, IP, IPO, MA, and PSRT. The session covered stock screening, mutual fund analysis, and custom portfolio creation. Advanced tools such as seasonality charts, RRG, and equity screening were demonstrated for investment decision-making. The futures and options segment explained key trading strategies, including arbitrage, rollover analysis, and hedging, using commands like CTM, WEIF, and F MON. Emphasis was placed on data-driven analysis and practical application across asset classes.



Image No: 406

Session 2: Derivatives markets and risk management (11.15 am – 1.00 pm)
The workshop by Dr. Aparna Bhat, Associate Professor - Finance, K. J. Somaiya Institute of Management Studies and Research, Mumbai, covered advanced Bloomberg Terminal functions for options and risk analysis, including hedge ratio calculations, pair trading, and monitoring tools like OMON, OVME, and OVDV. Participants learned to assess market sentiment through implied volatility and perform portfolio risk assessments using Value at Risk (VaR). Additional sessions focused on terminal functionality, highlighting the value of mastering key commands over memorizing many. News tools such as Daybreak, Top News, Front, Read, Quick Takes, and AID were demonstrated for market monitoring. The session concluded with a hands-on exercise using screening tools for company analysis.



Image No: 407

Session 3: Leveraging Bloomberg to create trading strategies (2.00 pm – 5.00 pm)
Mr. Akshay Chinchalkar, Head of Research - Content & Corporate Communication, Axis Securities Limited, focused on Bloomberg Terminal functions for stock screening, valuation, and technical analysis. Key tools demonstrated included EQS (stock screening), EQRV (relative valuation), CRPR (credit profiles), A&R (analyst recommendations), DS (company

summaries), and G charts for multi-stock performance comparison. Participants learned to apply technical indicators such as RSI for identifying overbought stocks and to conduct relative strength analysis against benchmarks like Nifty. The session also covered sentiment tracking through news and social media, and concluded with insights on backtesting strategies and market trend analysis.

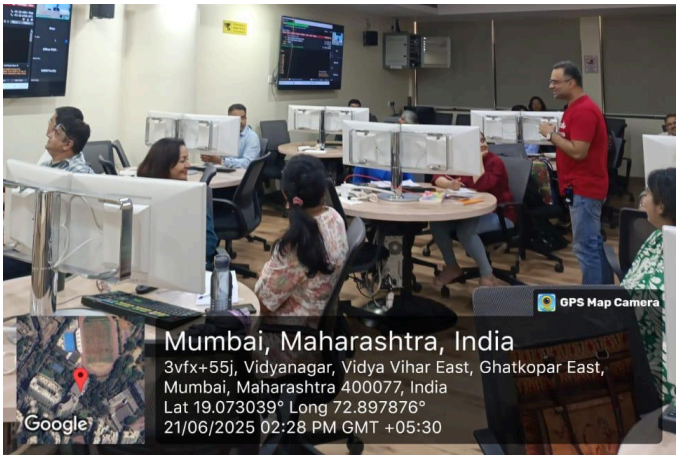


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Valedictory Session:
The FDP concluded with an interactive Q&A, followed by feedback collection from the participants. The event formally ended with a vote of thanks delivered by Ms. Shreya Nair, Programme Manager, Faculty & Staff Development Centre, Somaiya Vidyavihar University, Mumbai, acknowledging the contributions of the speakers, participants, and organizing team.



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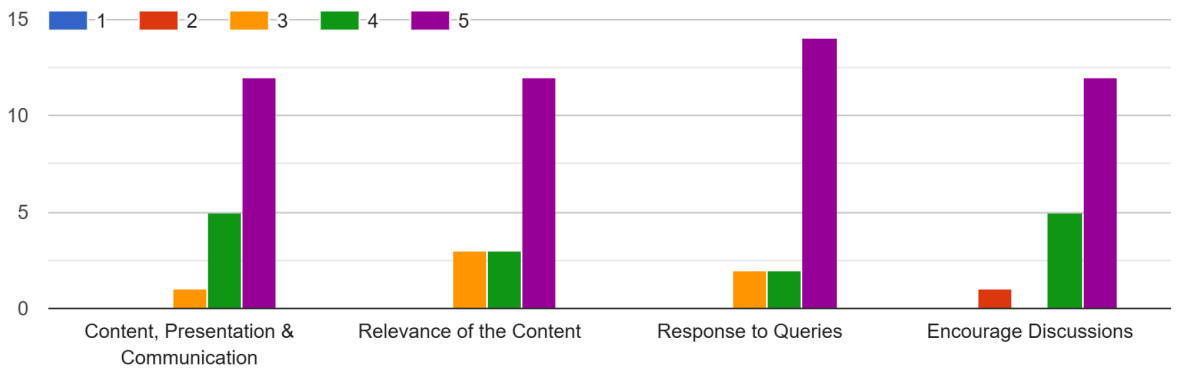
No. of Participants	**22**
Feedbacks Received	**18**

Facilitators Feedback: Dr. Hitesh Punjabi	**4.7**
Facilitators Feedback: Dr. Aparna Bhat	**4.5**
Facilitators Feedback: Mr. Akshay Chinchalkar	**4.5**
Overall Feedback Analysis.	**4.4**

Day 1

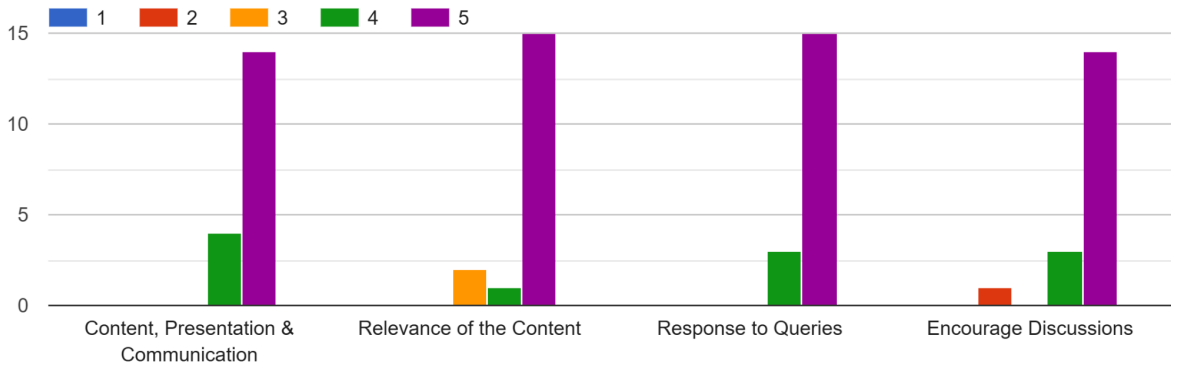
Facilitator Feedback: Dr. Aparna Bhat

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



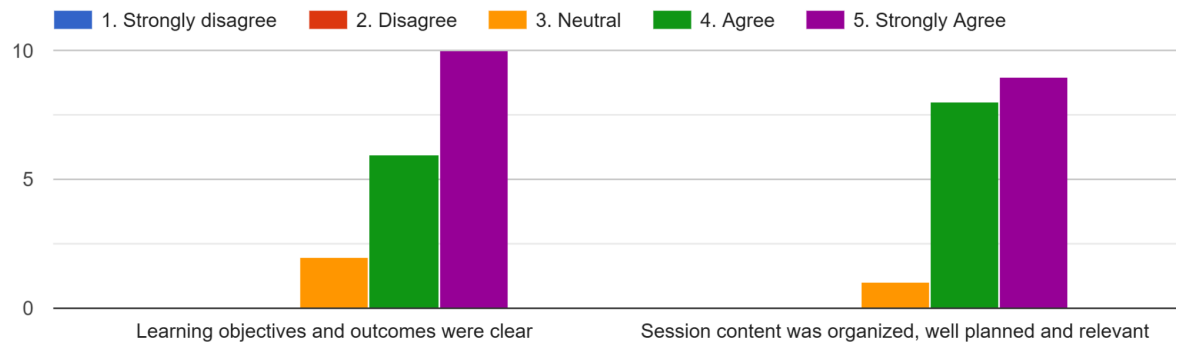
Facilitator Feedback : Dr. Hitesh Punjabi

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



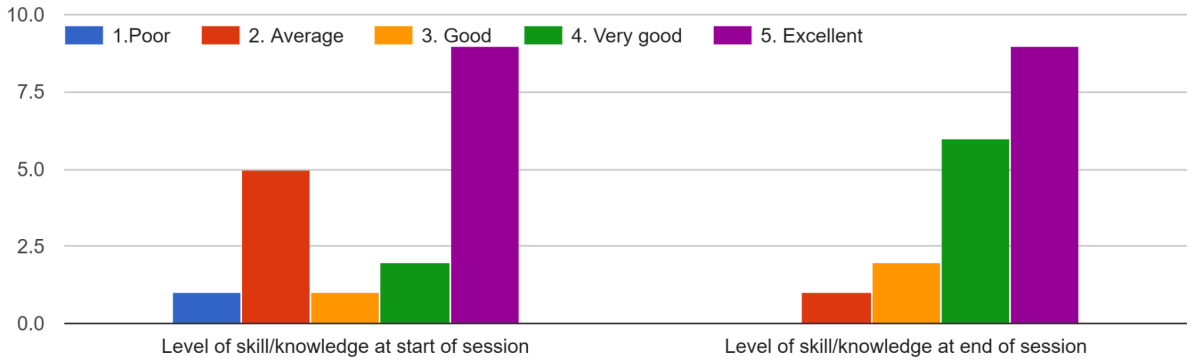
Session Content:

Session Content (5 being the highest and 1 being the lowest)



Learning Outcome:

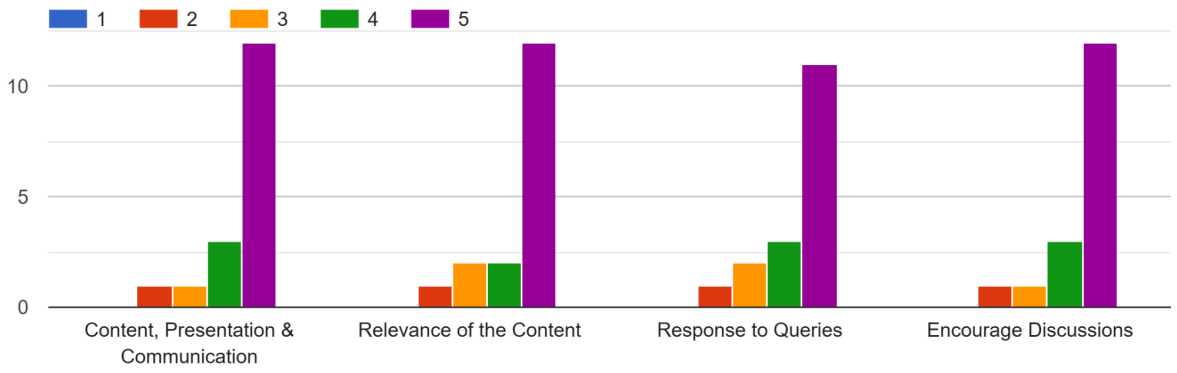
Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Day 2

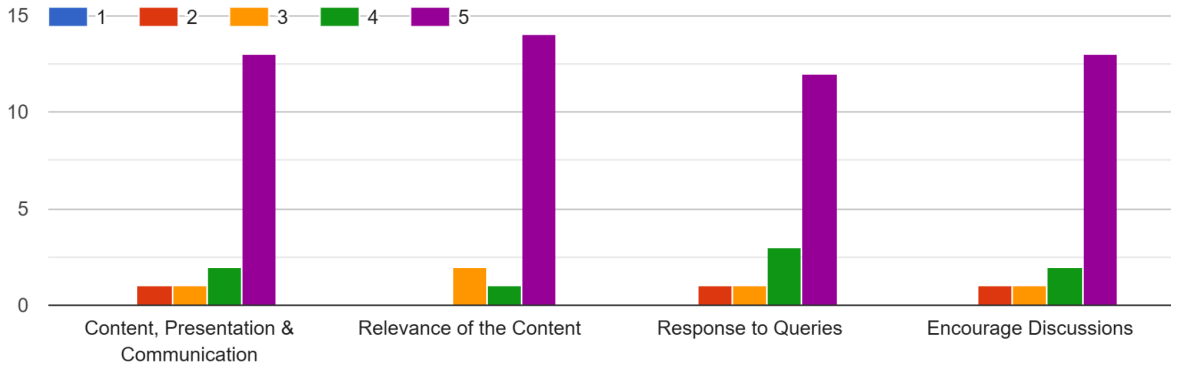
Facilitator Feedback: Dr. Aparna Bhat

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



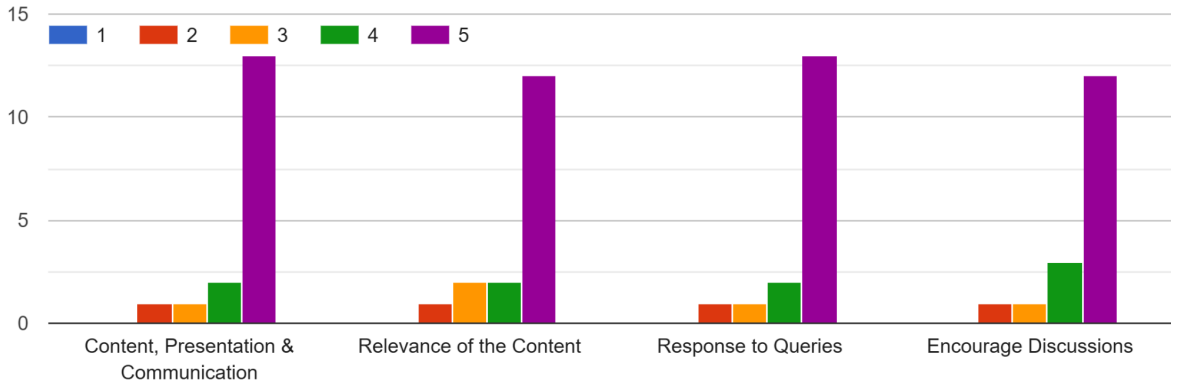
Facilitator Feedback: Dr. Hitesh Punjabi

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



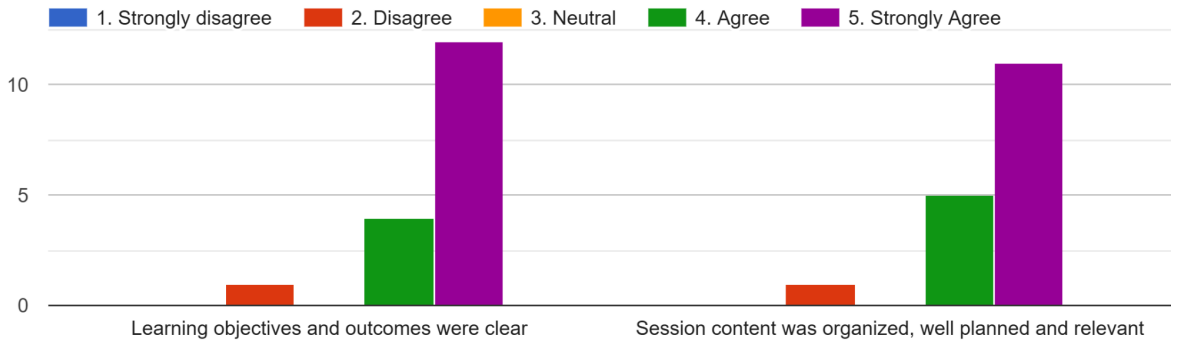
Facilitator Feedback: Mr. Akshay Chinchalkar

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



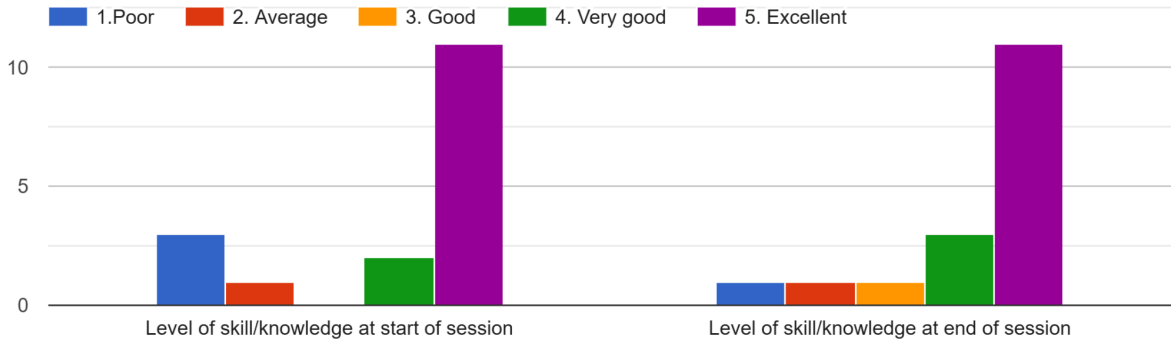
Session Content

Session Content (5 being the highest and 1 being the lowest)



Learning Outcome

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)




SOMAIYA VIDYAVIHAR UNIVERSITY
Somaiya TRUST
Faculty & Staff Development Centre
(FSDC is recognised by the Association of Indian Universities as AIU-SVU FSDC'S AADC*)
In collaboration with
Department of Finance & Law,
K J Somaiya Institute of Management
Invites you for the Blended Workshop
on
Leveraging the Bloomberg Platform for Teaching, Learning and Research
20th - 21st June, 2025
Content
Hands-on Training on Bloomberg Terminal
Financial Derivatives
Macroeconomic Analysis
Overview on Bonds and Commodity Markets
Overview on Forex
Fundamental Analysis
Technical Analysis
Risk Management
Additional Advantage
Participation certificate by SVU will be provided upon successful completion of the workshop.
Opportunity to access the Bloomberg lab free of charge** for 15 hours (depending on availability).
Opportunity to complete a free Bloomberg Market Concepts (BMC) certification or ESG certification.
**Please refer to the website for applicable terms & conditions.
Date & Venue
Day 1 | 20 June, 2025 | 9:30 am - 5:30 pm | Online (credentials will be shared later upon registration)
Day 2 | 21 June, 2025 | 9:30 am - 5:30 pm | Offline (4th Floor, Bloomberg lab, KJSIM building, Somaiya Vidyavihar University campus, Vidyavihar, Mumbai)
Facilitator/s
Mr Akshay Chinchalkar
Head of Research, Content & Corporate Communication, Axis Securities Limited, Mumbai
Dr Aparna Bhat
Associate Professor, Dept of Finance & Law, K J Somaiya Institute of Management, Somaiya Vidyavihar University, Mumbai
Dr Hitesh Punjabi
Assistant Professor, Dept of Finance & Law, K J Somaiya Institute of Management, Somaiya Vidyavihar University, Mumbai
For more details
022 6728 3051
officer.fsdc@somaiya.edu
programmanager.fsdc@somaiya.edu
*Academic & Administrative Development Centres (AADC)
Click here to register
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Faculty & Staff Development Centre
(AIU-SVU FSDC'S AADC)
In collaboration with The Department of Computer Engineering
K J Somaiya School of Engineering

Report on STTP: Business Intelligence: Unlocking Insights with Tools

Dated: 16th - 20th June 2025

Inauguration Ceremony

The session began with the traditional Somaiya Prayer followed by the lighting of the lamp and introduction to the various topics and sessions to be covered in the five day STTP

Dated: 16 June 2025

Session 1: From Data to Decisions: The Rise of Generative AI in Business Intelligence. (10:00-11:00 am)

Ms. Sheetal Deshmukh

Sheetal Deshmukh works as a Solution Architect,Customer Success Manager with IBM. She is a Certified Professional Scrum Master, AWS Certified Solutions Architect – Associate | Microsoft Certified: Azure Data Engineer Associate ,Certified MuleSoft Architect.She is a Strategic and results-driven Senior Solution Architect with over 18 years of experience in IT solution design and delivery. Expertise spans Cloud Platforms, Microservices, Enterprise Integration Architectures, and cutting-edge innovations in Generative AI (Gen AI) and Agentic AI. Recognized for building scalable, secure, and high-performance systems that drive business transformation across BFSI, energy, and healthcare sectors.

She explained different use cases for preparation of the dashboard with the help of GenAI. She described the role of GenAI with Power BI.She mentioned the integration of Cognos BI tool and emphasized the role of GenAI for performing various functionalities like summarization, `preparation of dynamic dashboard.

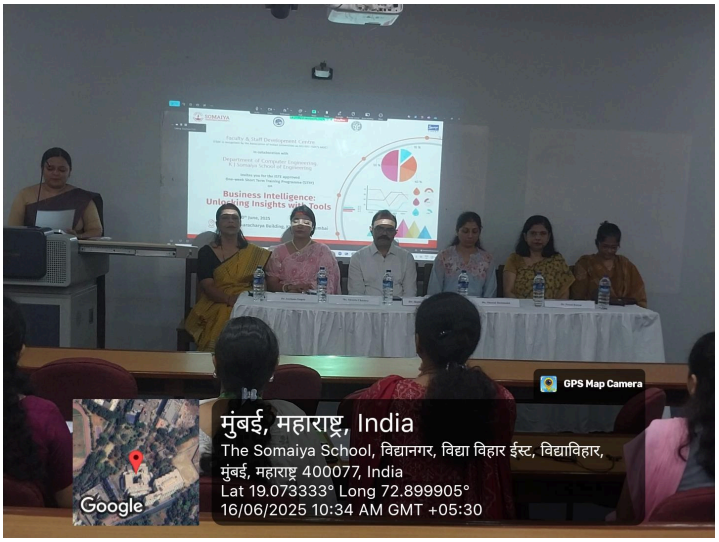


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Session 2:Data and AI (11:00-1:00 pm)

Mr. Rajeev Kumar
Rajeev Kumar is a seasoned expert in the field of databases and data management. Rajeev currently serves as a Technical Account Manager in the Technology Expert Labs at IBM, where he partners with enterprise clients across the globe, ensuring they receive optimal value from IBM's solutions and services.With nearly 14 years of industry experience, Rajeev has built a strong reputation for his ability to design and manage enterprise data systems that are not only efficient and secure, but also aligned with the strategic needs of businesses. His expertise spans both traditional data platforms and cutting-edge technologies.
Mr Rajeev mentioned traditional approaches and challenges in data handling. He mentioned the journey of AI milestones from 2004 till 2025.He has emphasized the role of WatsonX for handling data,AI and governance.

Session 3:Basic Visualisation using Power BI (2:00-4:00 pm)

Ms. Shweta Dhawan Chachra has been an Assistant Professor in the Computer Department at K J Somaiya Engineering College since 2013. She has a rich academic background and extensive experience in teaching and research, with proficiency in subjects like Data Structures, Cloud Computing and Operating Systems. She is actively involved in curriculum development and accreditation processes and continues to contribute to her field through her research and commitment to professional development.Her research interests are in Image Processing, Cloud Computing, Data Science and Data Visualization. To further enhance the expertise in these areas, she has also completed various certification courses from IIT NPTEL and Coursera. Shweta is an active member of ISTE. Her session included topics like ……..

Session 4: Dashboard Creation and Introduction to DAX (4:00-5:00 pm)

Dr. Archana Gupta works as an Assistant Professor,Department of Computer Engineering.Dr. Archana Gupta is a Ph.D. holder in Computer Science from R.G.P.V., Bhopal, currently serving as an Assistant Professor at K.J. Somaiya College of Engineering where she has taken on various responsibilities such as being the Principal Investigator for a research project, Associate Head of the Department, and a guide for M.Tech. dissertations. She has published more than 15 research papers in various Journals and Conferences. She has a rich academic background and extensive experience in teaching and research, with proficiency in subjects like Data Structures, Database Management Systems, and Operating Systems. Dr. Archana Gupta has taken the session on DAX which included the basics of writing DAX query. The session covered loading of dataset in Power BI and some of the functions that are available for writing DAX query to create measures and new columns. Further the session covered the various ways of creating measures and new columns.

Dated: 17 June 2025

Session 1: Data to Decisions: Advanced Visualization & Storytelling in Power BI (10:00-11:00 am)

Dr. Smita Bhoir works as a Data Engineering Team Lead and Project Manager (Scrum Master) at Morningstar India Pvt. Ltd.She has been a data Engineering Professional for over 15+ years of expertise in managing large-scale data engineering projects, developing high-performing data teams, and driving data strategy to support business intelligence and analytics. Proven ability to design and implement scalable data solutions,optimize data processes, and ensure data quality and governance. Also, has background in cloud-based platforms, big data technologies AI and machine learning-based methodologies, and cross-functional collaboration.She has explained key features of PowerBI such as real time data handling,enhanced security, AI assistant, and dynamic visualization.

She has explained usage of PowerBI with various case studies like retail,health care sectors and collaboration with real time data. She further explained data modeling best practices,data storytelling ,automatic reporting and predictive analytics.



Image No: 411

Session 2: DAX (in Detail) (11:00-1:00 pm)

Ms Kirti Mishra is a software engineer and educator with a strong background in AI, deep learning, and Microsoft Power Platform tools like Power BI, Power Apps, and SharePoint. She holds a Master's degree in Computer Engineering and has experience both in academia and industry, including roles as an Assistant Professor and Business Analyst. Kirti has published research for a few projects and is certified in Microsoft Azure and 365 fundamentals. She is passionate about solving real-world problems through technology and innovation.She spoke about the various commands in DAX and Swapnil Pawar Sir coordinated the handson session for the same. **Mr. Swapnil Pawar** is an experienced Assistant Professor and Technical Trainer with over 14 years of teaching and training expertise in Computer Engineering. He holds a Master's degree in the field and is proficient in Java, Python, MERN Stack, Data Science, NLP, Tableau, and Power BI. His academic contributions include multiple research publications, blockchain applications, and machine vision. Currently serving at K. J. Somaiya College of Engineering, he is also active as a Training Placement Coordinator, LMS coordinator, and SwDC head. He has earned certifications from IIT Bombay, IIT Kharagpur, and others.

Session 3: Advanced power BI features - I (2:00-4:00 pm)
&Session 4: Advanced power BI features (Hands On) - II (4:00-5:00 pm)

Dr. Jignasha Dalal currently with Wipro Ltd,Dr. Dalal leads training initiatives focused on Generative AI for business analysts and testers, automation tools like GitHub Copilot and Automation Anywhere 360, and SDLC-aligned upskilling. She has also delivered corporate programs to global firms including Salesforce (Bazel for developers), Cognizant (AI toolkits), and Jet2Travel (Prompt engineering with ChatGPT). Dr Jignasha has explained advanced AI features such as modeling star schema and interaction with the charts . She has explained different types of visualizations like sales by Dr. Jignasha Shah Dalal is a seasoned Technical Training Manager and enterprise learning architect with over 18 years of experience designing and delivering high-impact corporate training programs in Generative AI, automation testing, software engineering, and blockchain security. She is known for blending hands-on technical depth with instructional excellence, making advanced technologies accessible and actionable for professionals across domains.
region ,sales by customer segment and monthly sales trend.

Dated: 18 June 2025

Session 1:Accelerating Decision Making with Tableau - I (10:00-11:00 am)
Mr Vedant Sharma is Senior Program Manager (Product Analytics & Data Science) @ TransUnion CIBIL (Credit Bureau).Vedant is a Senior Engineer with Salesforce's Analytics practice, prior to which he was Program Manager at TransUnion, a leading global provider of information and risk management solutions. He has been a part of the consumer products and analytics team that delivers cutting-edge solutions for credit scoring, risk management, and portfolio optimization. With his skills in SQL, PySpark, Python, and other tools, he'd perform periodic model validations, quantifies and addresses risks and determine consumer credit behaviors. He'd also consult with banks and financial institutions on building customer propensity scores, application and behavioral scores, and credit line and pricing strategies across lifecycles.Mr Vedant explained the creation of dashboards using Tableau. He has demonstrated Tableau accelerators, writing python scripts in logic writing space. He emphasized the importance of interactive dashboards with the help of filters.

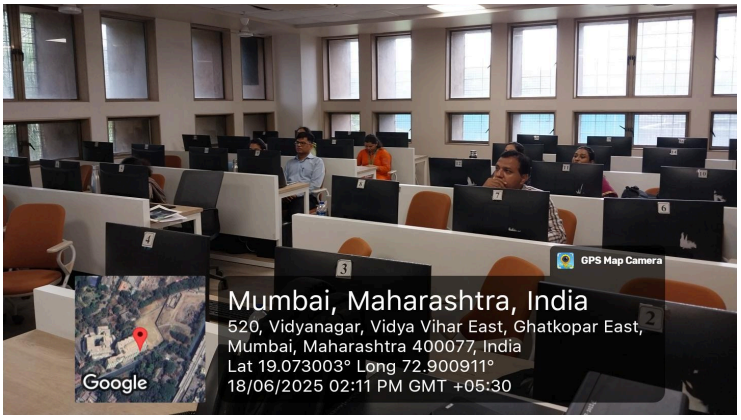


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Session 2: Accelerating Decision Making with Tableau (Hands On) - II (11:00-1:00 pm)
Mr. Vedant Sharma before joining TransUnion gained valuable experience in digital strategy and transformation projects for various sectors, such as financial services, real estate, oil and gas, and energy. He was a Program Manager for Business Intelligence at Axis Bank's corporate office in Mumbai and an Associate at EY (for Strategy Teams) based in India and Middle East. He managed product enhancements, leveraged IBM Watson for marketing automation, and implemented the Salesforce One platform for sales efficiency He demonstrated combining different sheets to create the dashboard. He further demonstrated publishing the dashboard on public cloud. These published dashboards can be downloaded for preparation of reports.

Session 3: Interactive Dashboard using Tableau (2:00-4:00 pm)
Dr. Chandan Singhavi works as a Data Science faculty at K. J. Somaiya Institute of Management. She was Member of BOS/advisory committee/ Subject Board IT/ MCA since 2009 till 2017. She handles the responsibility of Chairperson IT infrastructure committee at K.J. SIMSR. She has 23 years of teaching experience at various colleges. Her Ph. D topic is 'Use of ICT in Education'. She has conducted workshops for BCCI, DAE, INS HAMLA, ITM Business School, TISS, arkema, godrej and boycee,etc... She worked with Pratham, the NGO in the Education sector, for report writing and data analysis on various projects. Her area of interests are MS Excel, MS project, MS Access, Qlik sense, SPSS, MS Visio, MIS, CRM, ERP,SAP, Data warehousing and data mining.Dr Chandan explained the data driven story preparation. She described the story preparation with a tableau.

Session 4: Forecasting and Time series analysis using Tableau (4:00-5:00 pm)
Dr Uday Joshi has been an Assistant Professor, in the Department of Computer Engineering since 1991. He has taught a variety of subjects and has been an Ex-HoD.Dr Joshi has explained forecasting with time series analysis for stock market analysis, population trend analysis, and to get sales and profit trends. He has further explained additive and multiplicative models.
Mr Vaibhav Vasani,Assistant Professor,in the Department of Computer Engineering.Mr Vaibhav Vasani demonstrated usage of Tableau for preparation of different graphs using additive and multiplicative models on superstore dataset.

Dated: 19 June 2025

Session 1: Optimizing Data for Business Intelligence: Key Strategies & Insights (10:00-11:00 am)

Mr. Sagar Kulkarni has experience in academics and industry, specializing in data analytics and business intelligence. He is proficient in delivering training sessions on a range of BI tools including Power BI, Snowflake Data Warehouse, Databricks, Business Intelligence, Natural Language Processing, Generative AI, and Palantir.Currently a Specialist at Infosys Ltd., he has conducted over 350 days of training sessions in these areas and developed various courses and certifications for Infosys.Dr. Kulkarni also has a strong academic background as an Assistant Professor, having published over 20 research papers and a book on Natural Language Processing. He holds a Ph.D. in Computer Engineering and multiple global certifications, including 'SnowPro-Core' from Snowflake, 'AI-Strategy' from eCornell University, Cloud certifications etc. Mr. Sagar Kulkarni explained the challenges in maintenance and integration of the business data. He explained the need of Snowflake that is a centralized repository for semistructured and structured data. Data is stored in different layers and in micropartitions. He also mentioned workload segmentation and multi cluster virtual warehouse.



Image No: 413

Session 2: Data Analytics-Snowflake (11:00-1:00 pm)

Mr. Sagar demonstrated working with Snowflake for database management. He mentioned the need for roles, warehouse, DB and schema. Schema includes the information about objects such as data tables, triggers, sequence etc. He further demonstrated loading the data in warehouse, file creation, and sequence generation.

Session 3: Business Intelligence using R Programming (2:00-4:00 pm)

Mr Kaustubh Kulkarni works as an Assistant Professor,Department of Computer Engineering.with a strong academic foundation in Data Science and Machine Learning. He holds a B.E. in Computer Engineering from K. J. Somaiya College of Engineering and an MTech. in Computer Engineering from VJTI, Mumbai. He has mentored several undergraduate projects and internships, guiding students through both foundational and applied topics in AI and Data Analytics.His research interests include recommender systems, interpretable machine learning, and natural language processing. He is a life member of the Indian Society for Technical Education (ISTE) and a recipient of the NTSE Scholarship and

the Sir Ratan Tata Trust Scholarship.Mr Kaustubh Kulkarni explained preparation of dashboard by using R software.

Session 4: Statistical Modelling in R (4:00-5:00 pm)

Ms. Jyothi Rao

Jyothi M. Rao is an Assistant Professor in the Department of Computer Engineering at K. J. Somaiya College of Engineering, Somaiya Vidyavihar University. She completed her M.Tech from the National Institute of Technology, Karnataka. With more than two decades of teaching experience, she has taught various courses such as Data Structures, Databases, Data Warehouse and Mining, Big Data Analytics, Data Science, Data Mining, and Machine Learning etc. Her research interests include Data Mining and Artificial Intelligence.
Ms. Jyothi explained simple linear regression and estimating the coefficients using least square method. She has demonstrated a linear regression model using R. The different parameters of the trained model such as standard error, residual coefficients, multiple R squared and adjusted R squared have been observed. She has further demonstrated assessing the accuracy of the coefficient estimates and testing the accuracy of the model with different examples.

Dr. Ashwini Deshmukh

Dr. Ashwini Deshmukh Assistant professor in the Computer department of K J Somaiya school of engineering with more than 15 years of Teaching experience.She holds a B.E. in Information Technology Engineering from K. J. Somaiya College of Engineering ME from pillai's college of engineering and Ph.D in Information Technology from pillai's college of engineering in domain.Her research area focused mainly in social media analysis.Her expertise is in the domain of machine learning and deep learning concepts. She is a life member of the Indian Society for Technical Education (ISTE).Dr Ashwini explained Logistic regression using R studio on car crash dataset. She demonstrated importing the dataset and applying logistic regression function and predicting the values for the new dataset. The different parameters such as confusion matrix, sigmoid function, five point summary, view function and GLM model have been observed.

Dated: 20 June 2025

Session 1: Newgen Data & AI Platform for Business-I (10:00-1:00 pm)
Mr Ankit Rastogi
Ms Nitika Virmani

Ankit works as a customer success manager at IBM, helping clients achieve their business goals by providing them with data governance solutions and best practices.and work with cross-functional teams to deliver value-added services, such as data quality assessment, data lineage mapping, data cataloging, and data security and privacy. Before joining IBM, Ankit was a senior associate at Cognizant, where he developed and implemented data science projects for various clients, using Python, Java, and Excel. He also mentored and trained

junior associates on data science concepts and tools, and contributed to the improvement of internal processes and standards.

Nitika is a certified Data science professional with 13 plus years of industry experience into data & analytics, model ops, machine learning, digital strategy and business transformation.Nitika has joined IBM, as Customer Success Manager – Architect in Mumbai (specialised in Data & AI) and covering accounts across India / South Asia . Prior to IBM, Nitika has played multiple roles which includes PreSales, Customer Advisory, Analytics Consultant & Solution Architect – at Adobe Systems, SAS India, Justdial.Mr Ankit has explained features of IBM Coud Pak for data. It is a comprehensive data and AI platform designed to help organizations to manage, analyze and derive insights from the data.

Session 3: Advanced Python for Business Intelligence Applications (2:00-4:00 pm)
Smita Sankhe and Nirmala Baloorkar

Mrs. Smita Ramesh Sankhe is an Assistant Professor in the Department of Computer Engineering at K. J. Somaiya School of Engineering, with over 16 years of academic experience. She is currently pursuing a Ph.D. in Machine Learning and Deep Learning, with a focused research interest in their applications to agriculture and environmental systems.
Her areas of expertise include Machine Learning, Deep Learning, Natural Language Processing(NLP), and Artificial Intelligence (AI). She has successfully guided undergraduate and postgraduate projects across domains such as IoT-enabled smart systems, full-stack development, AI-based data analytics and and image processing.Mrs. Smita Sankhe has authored over 20 research publications in reputed peer-reviewed journals and has presented at prestigious IEEE conferences. She also holds two copyrights for AI-driven software tools developed in the agricultural domain, and has successfully completed a research project funded by the University of Mumbai on the application of Machine Learning in agriculture
In addition to her research accomplishments, she has guided student teams for national and international innovation competitions, including the Smart India Hackathon and the International Collegiate Programming Contest (ICPC). She also serves as a reviewer for several international journals and conferences.
Mrs. Nirmala Shinde Baloorkar is an Assistant Professor in the Department of Computer Engineering at K. J. Somaiya School of Engineering, Mumbai. She is currently pursuing a Ph.D. in Computer Science and Engineering and holds a Master of Technology (M.Tech.) degree from Veermata Jijabai Technological Institute (VJTI), Mumbai.With over 16 years of academic and professional experience, she specializes in User Experience Design (UxD), Data Science, Machine Learning, and Artificial Intelligence. In recognition of her academic excellence, she received the Elite NPTEL Online Certification in 2019.Mrs. Baloorkar has authored more than 15 research papers in reputed international journals and conferences. She also actively contributes to the academic community as a reviewer for various international journals and conferences, including those published by Springer and IEEE.
The session included insightful sessions in the application of Python libraries…….

Session 4: Feedback, New Ideas , Proposal for collaboration (4:00-5:00 pm)

Valedictory Session:

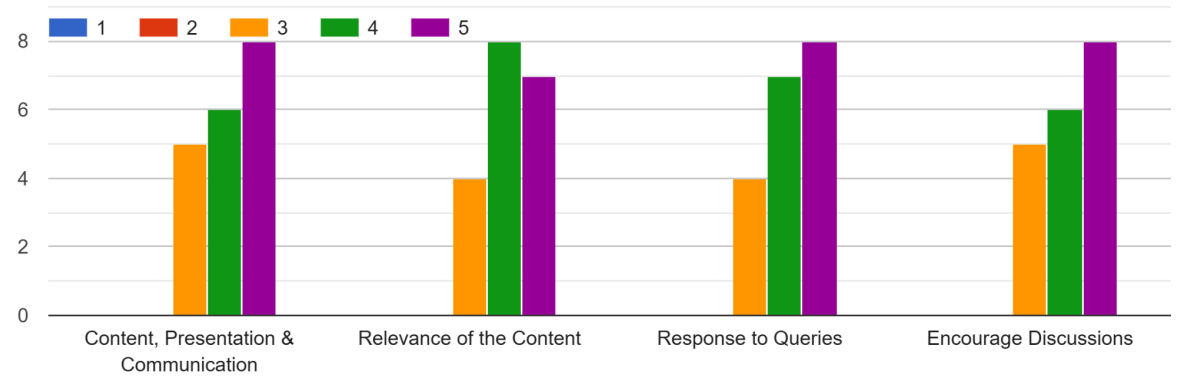
Facilitator Feedback

No. of Participants	
Feedbacks Received	
Facilitators Feedback: Ms. Sheetal Deshmukh	**4.17**
Facilitators Feedback: Mr. Rajeev Kumar	**4.17**
Facilitators Feedback:Ms. Shweta Dhawan Chachra	**4.40**
Facilitators Feedback: Dr. Archana Gupta	**4.30**
Facilitators Feedback: Dr. Smita Bhoir	**4.37**
Facilitators Feedback: Mr. Swapnil Pawar	**4.26**
Facilitators Feedback: Ms.Kirti Mishra	**4.23**
Facilitators Feedback: Dr. Jignasha Dalal	**4.31**
Facilitators Feedback: Mr. Vedant Sharma	**4.62**
Facilitators Feedback: Dr. Chandan Singhavi	**4.51**
Facilitators Feedback: Dr. Uday Joshi	**4.75**
Facilitators Feedback: Mr.Vaibhav Vasani	**4.76**
Facilitators Feedback: Mr. Sagar Kulkarni	**4.78**
Facilitators Feedback: Mr. Kaustubh Kulkarni	**4.68**
Facilitators Feedback: Ms. Jyothi Rao	**4.72**
Facilitators Feedback: Dr. Ashwini Deshmukh	**4.7**
Facilitators Feedback: Mr. Ankit Rastogi	**4.34**
Facilitators Feedback: Ms. Nitika Virmani	**4.32**
Facilitators Feedback: Ms. Nirmala Shinde	**4.56**

Facilitators Feedback: Ms. Smita Sankhe	**4.65**
Overall Feedback Analysis	**4.5**

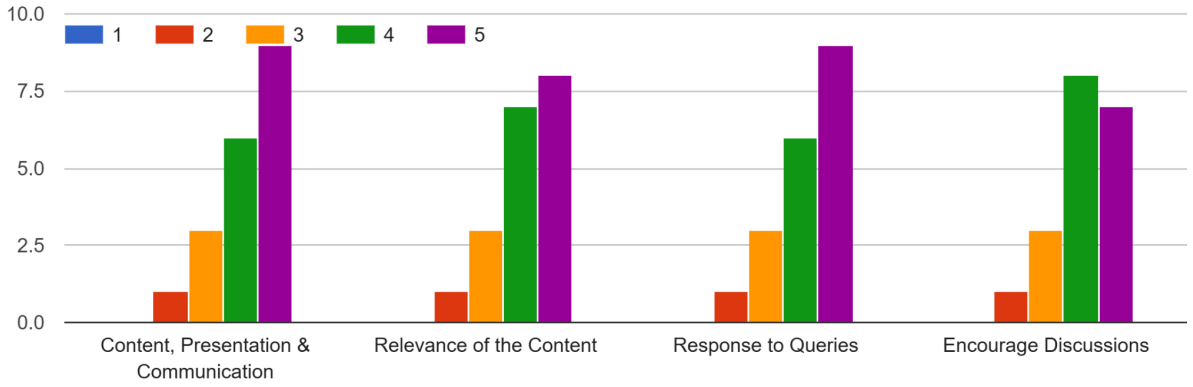
Day 1
Facilitator Feedback: Ms. Sheetal Deshmukh

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



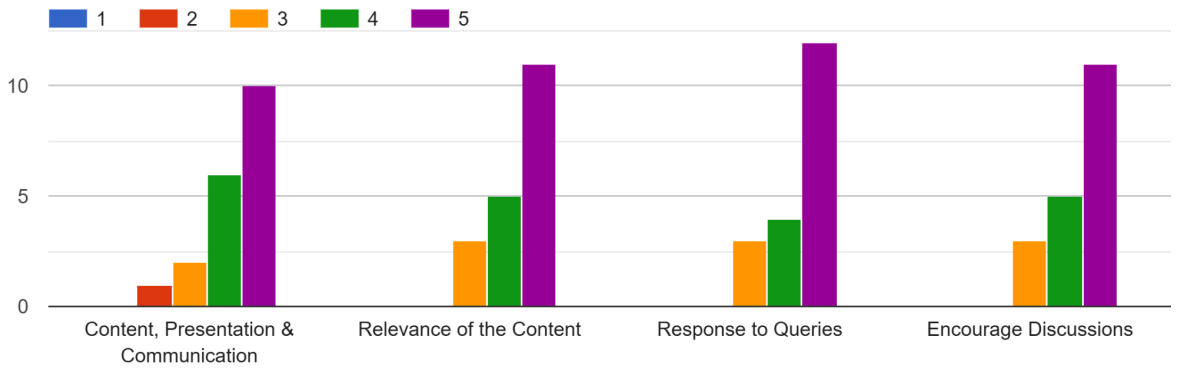
Facilitator Feedback: Mr. Rajeev Kumar

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



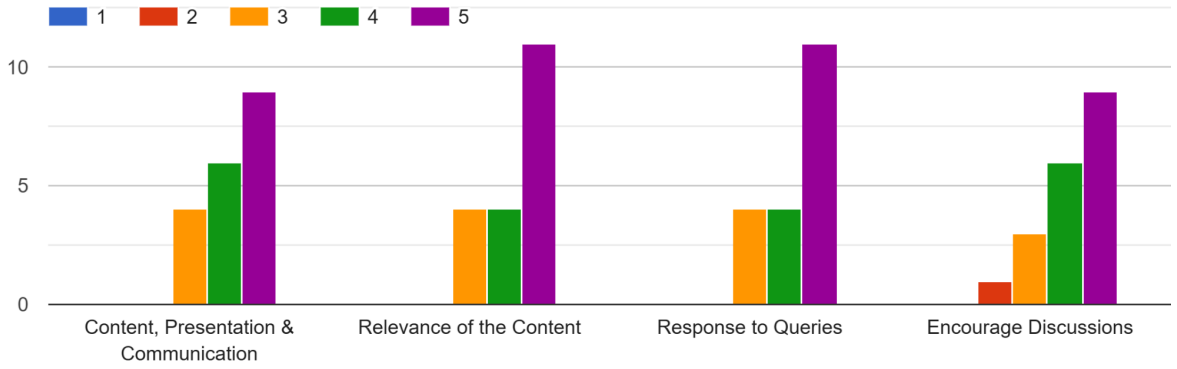
Facilitator Feedback: Ms. Shweta Dhawan Chachra

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



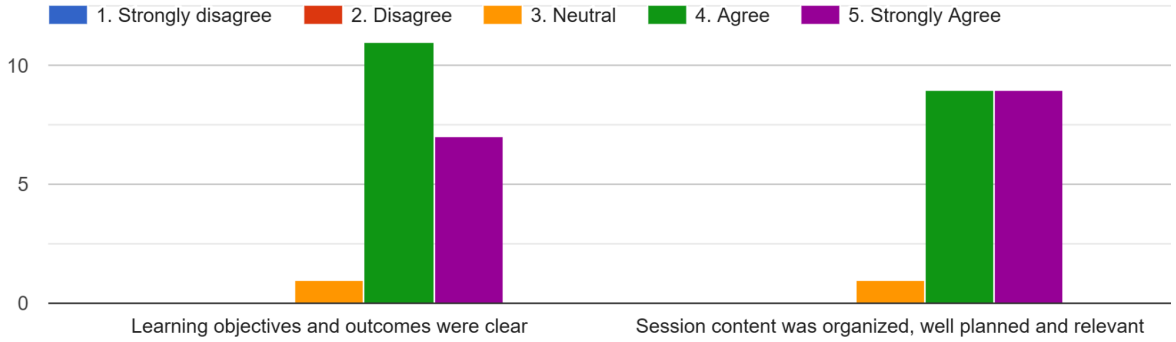
Facilitator Feedback: Dr. Archana Gupta

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



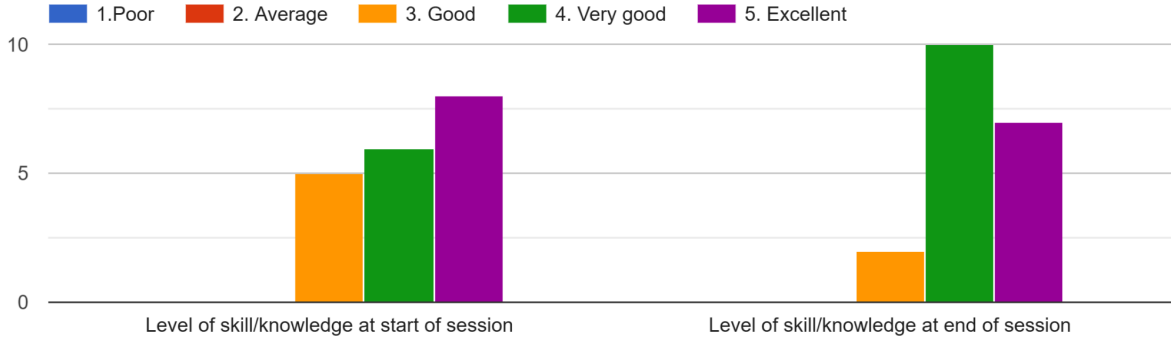
Session Content

Session Content (5 being the highest and 1 being the lowest)



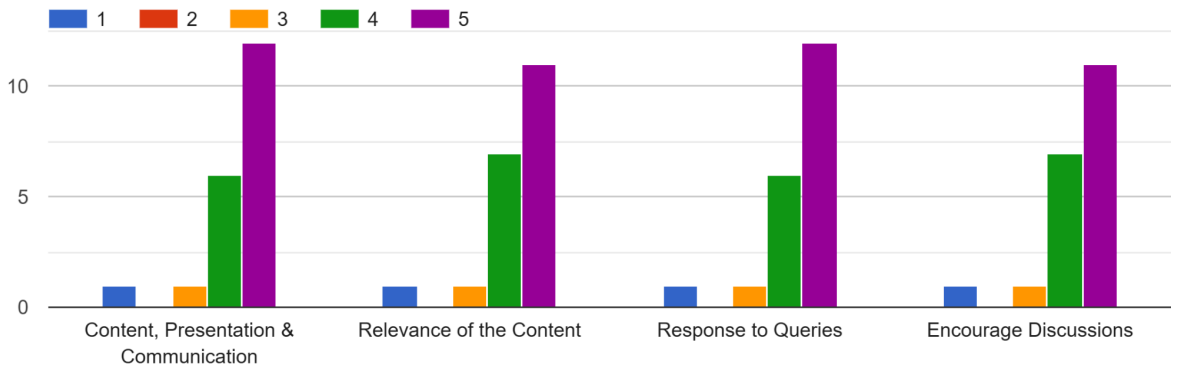
Learning Outcome:

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



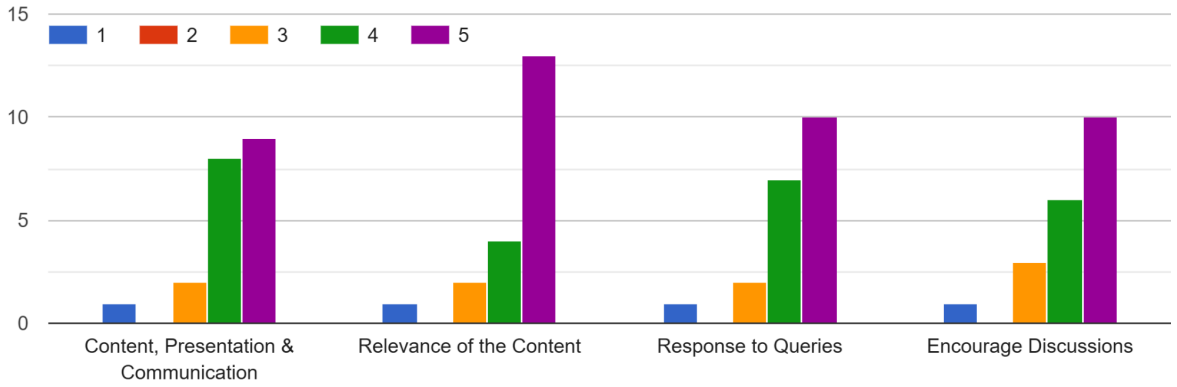
Day 2
Facilitator Feedback: Dr. Smita Bhoir

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



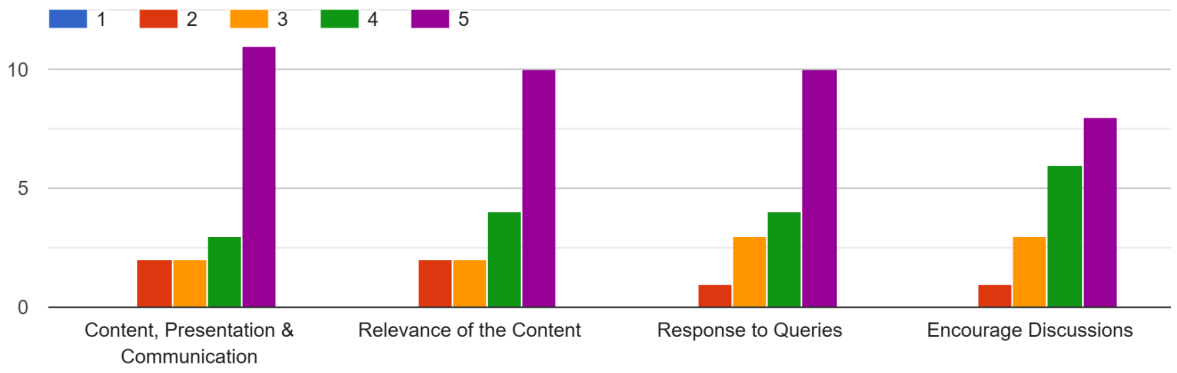
Facilitator Feedback: Mr. Swapnil Pawar

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



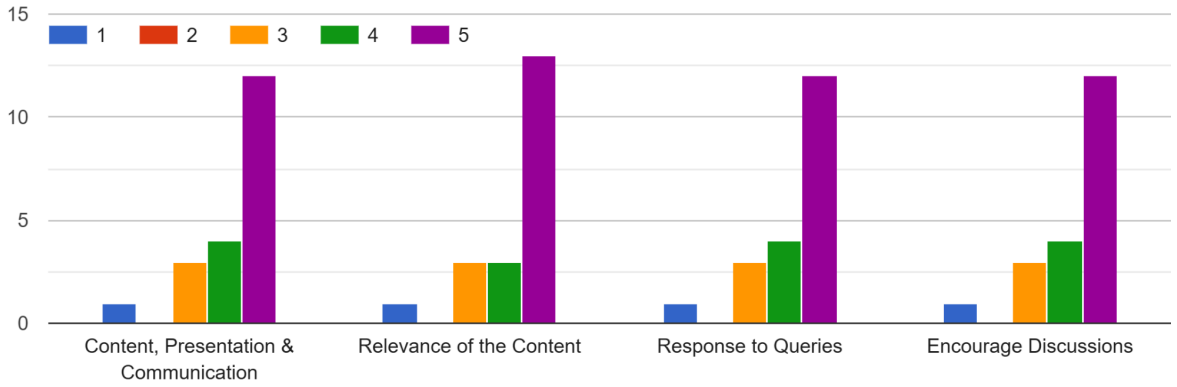
Facilitator Feedback: Ms. Kirti Mishra

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



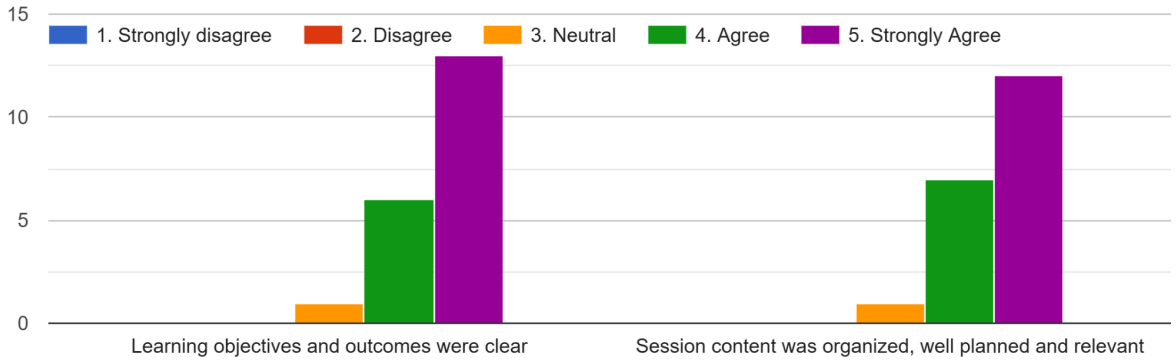
Facilitator Feedback: Dr. Jignasha Dalal

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



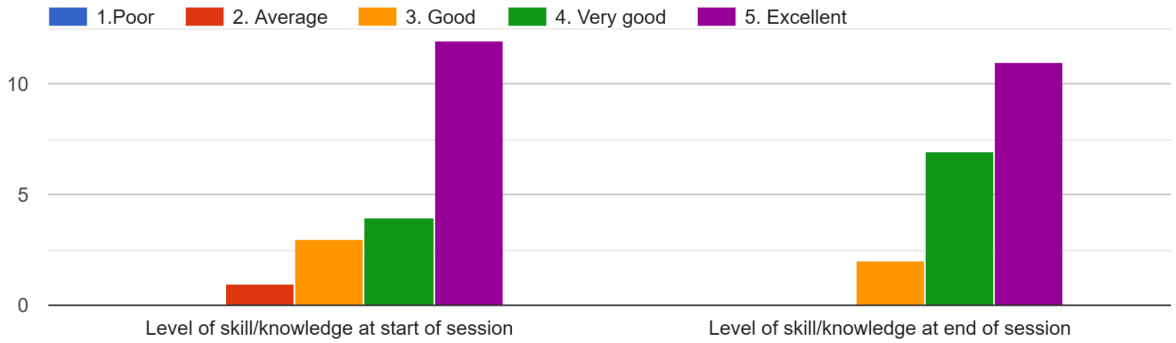
Session Content

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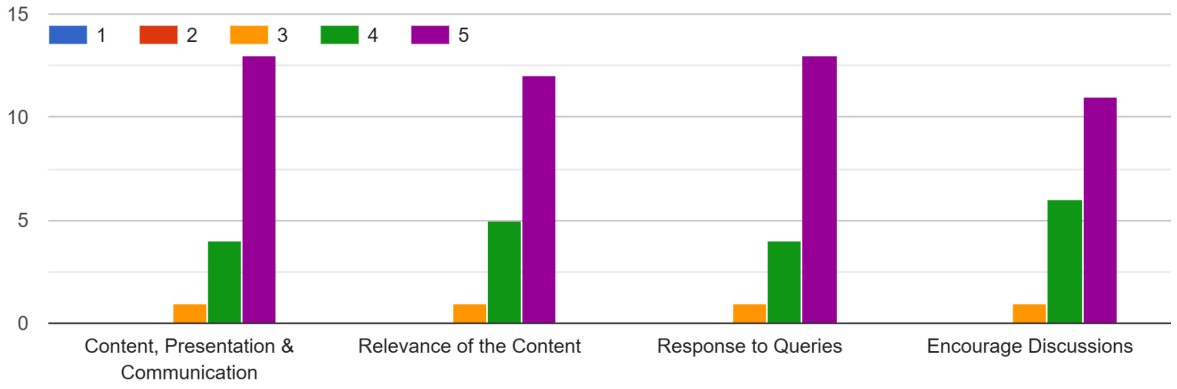
Learning Outcome

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



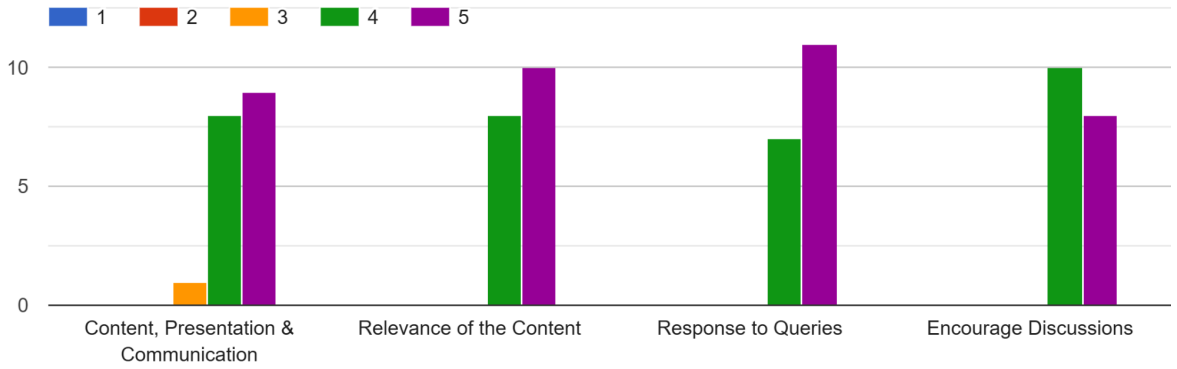
Day 3
Facilitator Feedback: Mr. Vedant Sharma

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



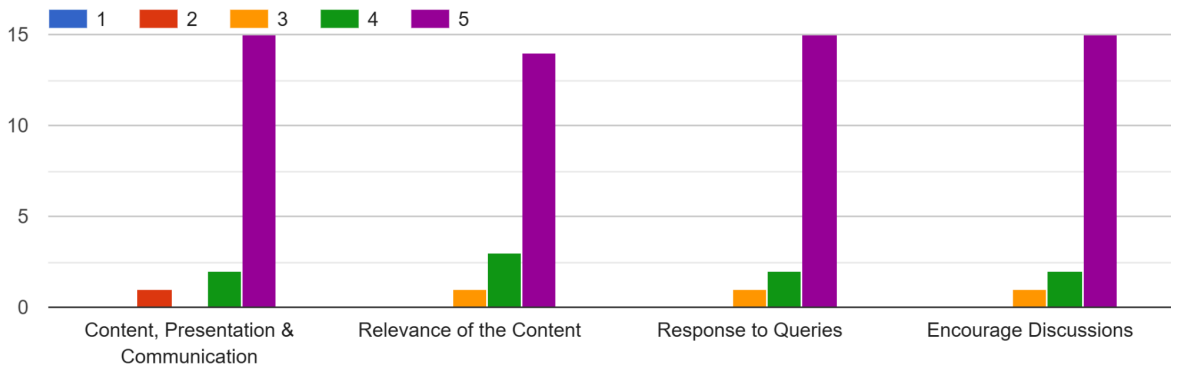
Facilitator Feedback: Dr. Chandan Singhavi

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



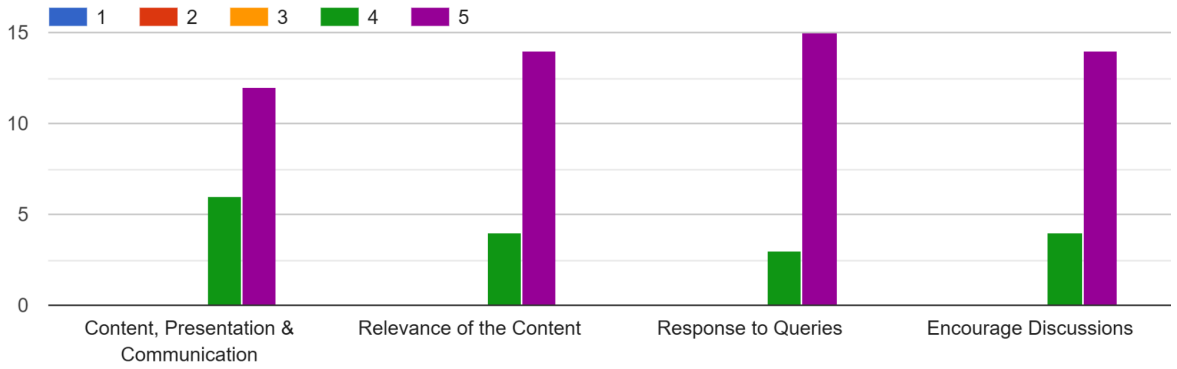
Facilitator Feedback: Dr. Uday Joshi

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



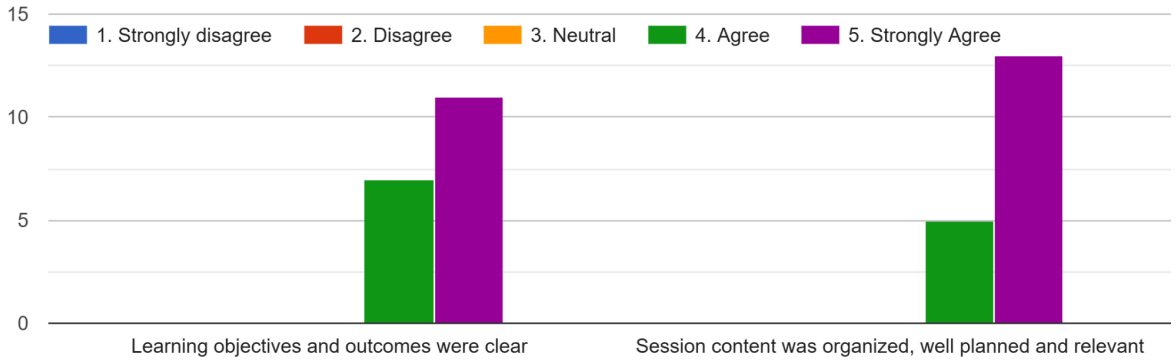
Facilitator Feedback: Mr.Vaibhav Vasani

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



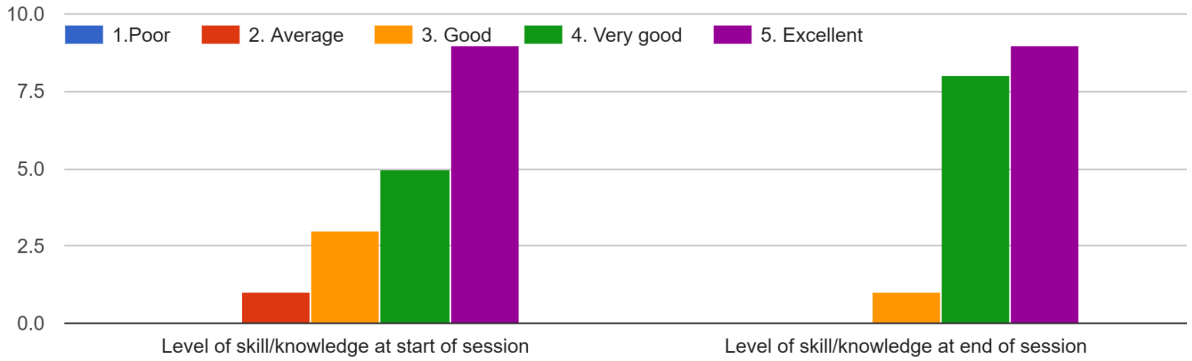
Session Content

Session Content (5 being the highest and 1 being the lowest)



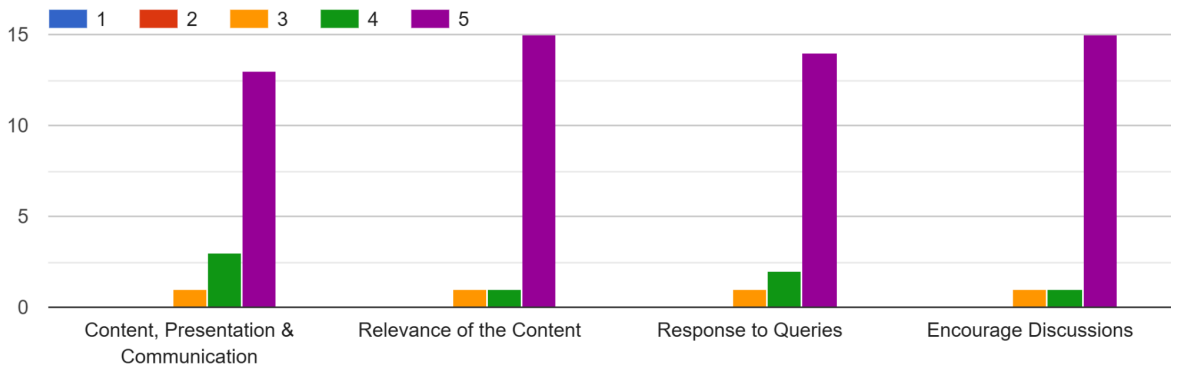
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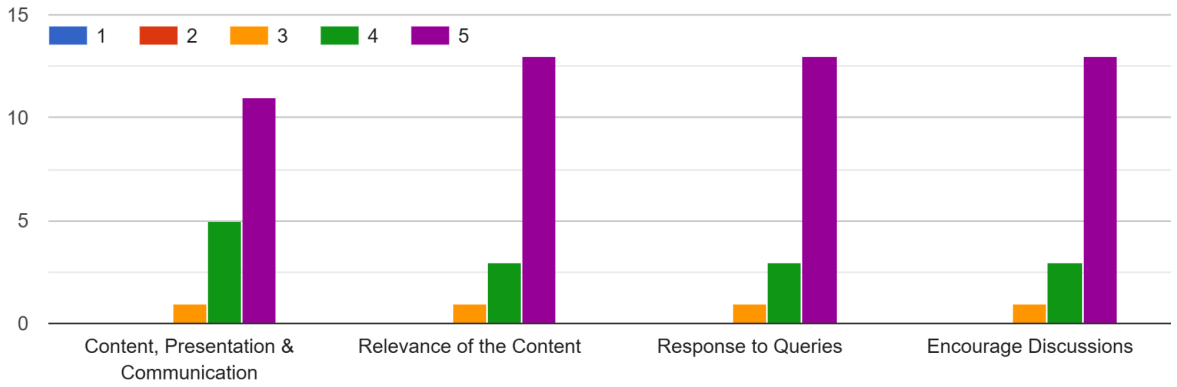
Day 4
Facilitator Feedback: Mr. Sagar Kulkarni

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



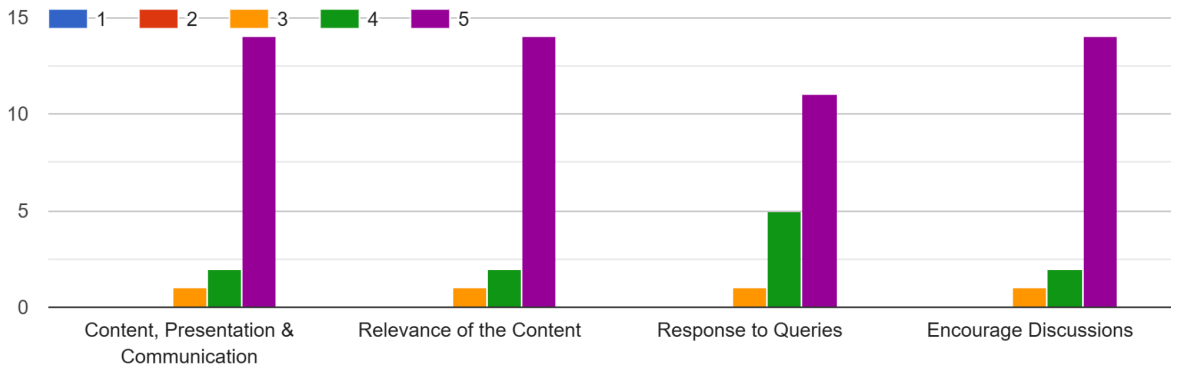
Facilitator Feedback: Mr. Kaustubh Kulkarni

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



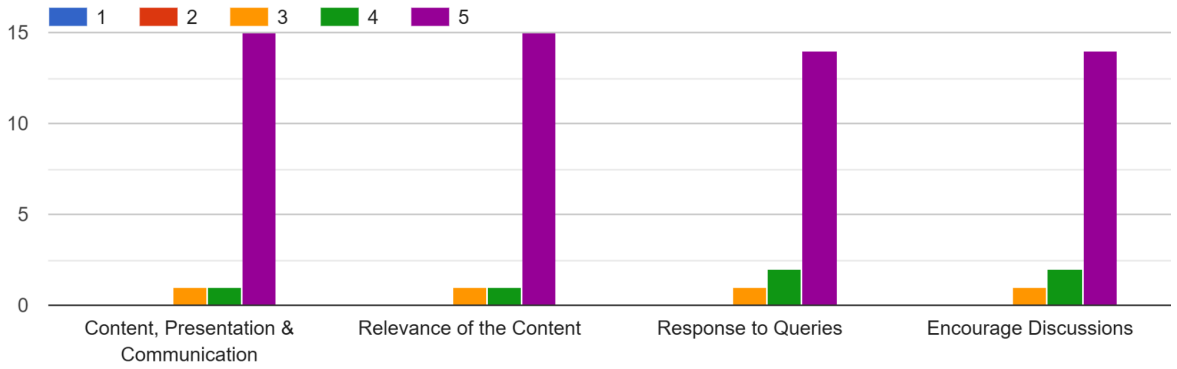
Facilitator Feedback: Ms. Jyothi Rao

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



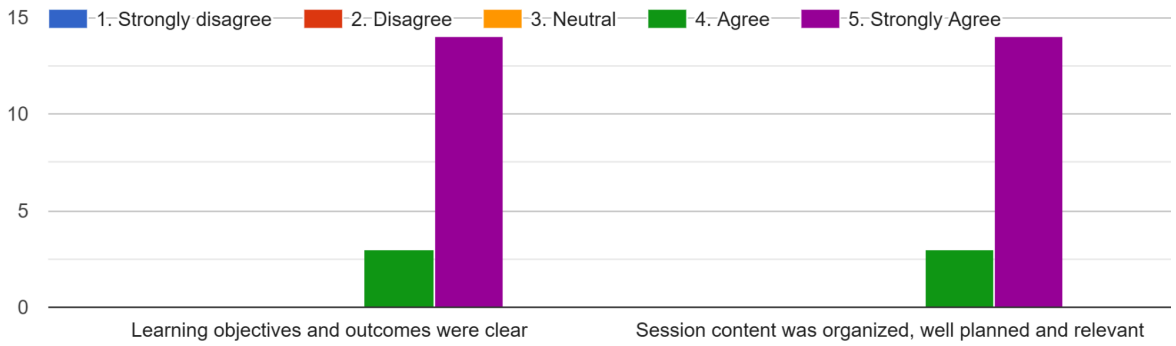
Facilitator Feedback: Dr. Ashwini Deshmukh

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



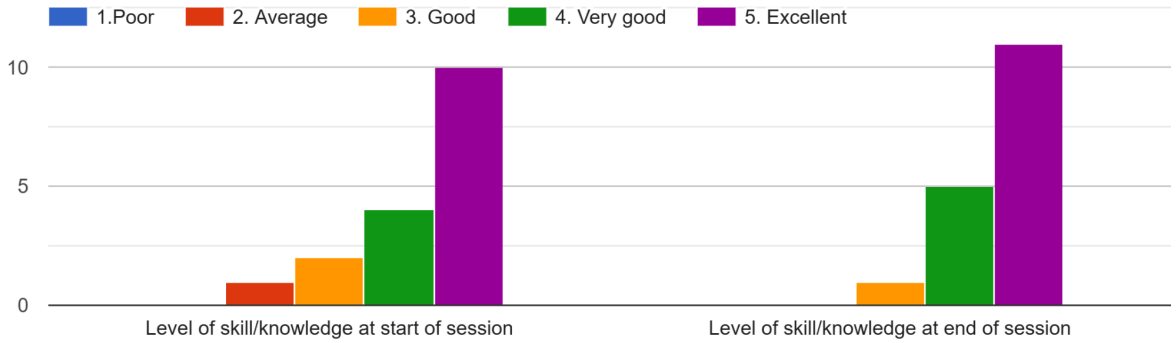
Session Content

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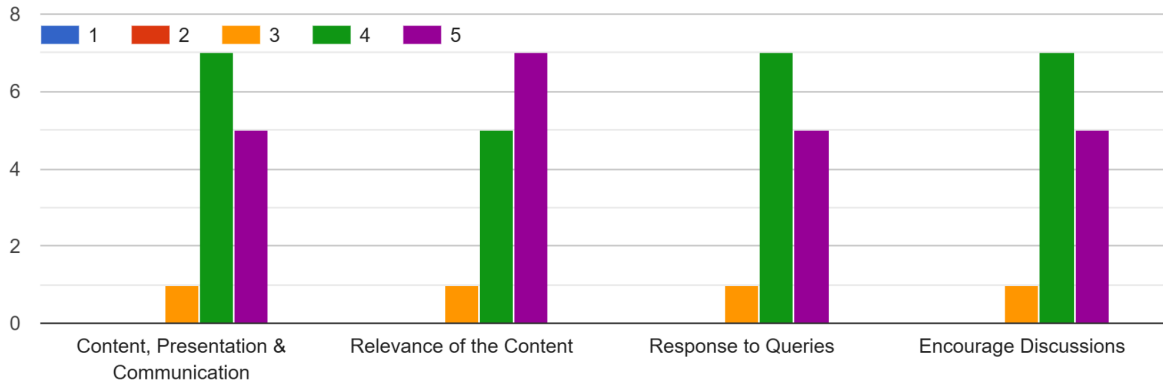
Learning Outcome

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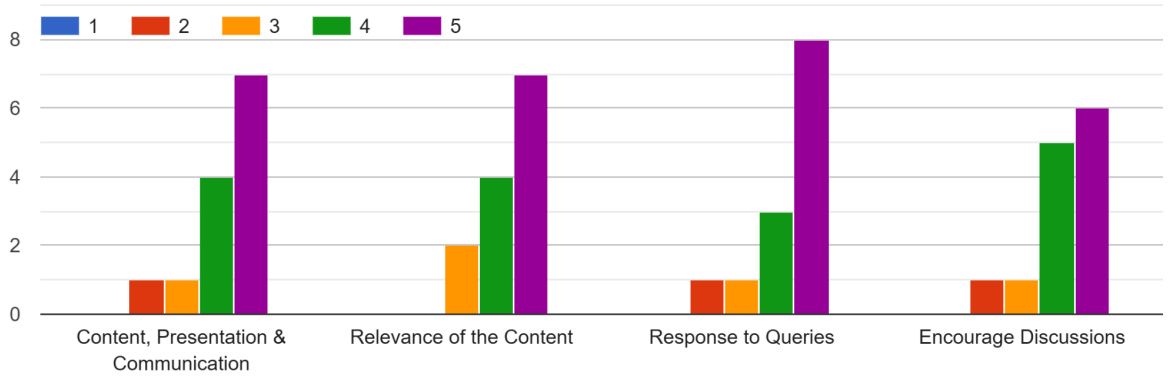
Day 5
Facilitator Feedback: Mr. Ankit Rastogi

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



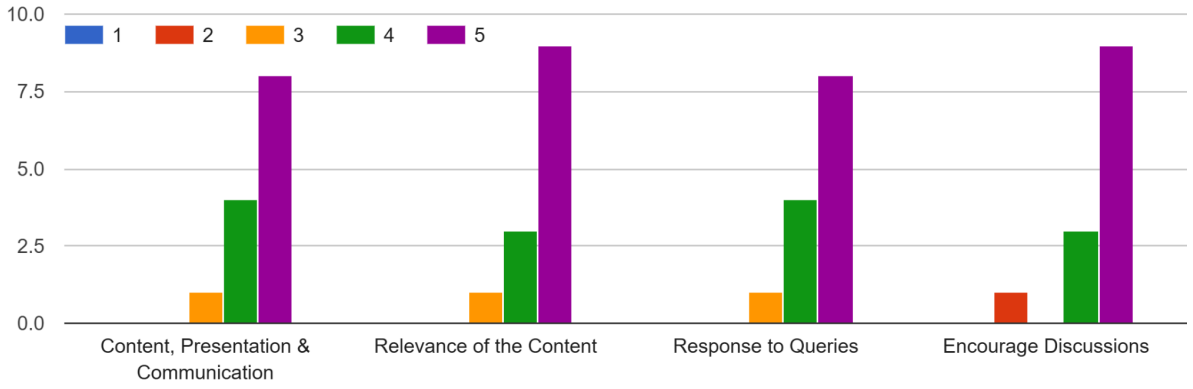
Facilitator Feedback: Ms. Nitika Virmani

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



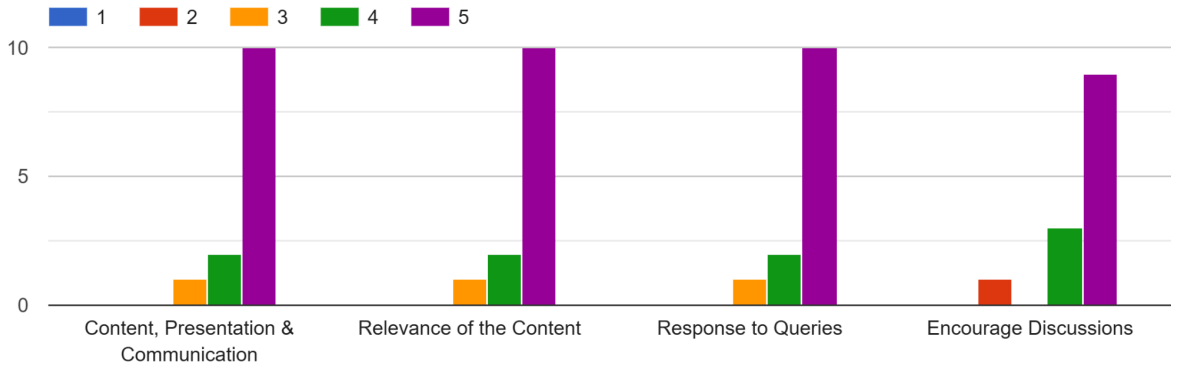
Facilitator Feedback: Ms. Nirmala Shinde

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



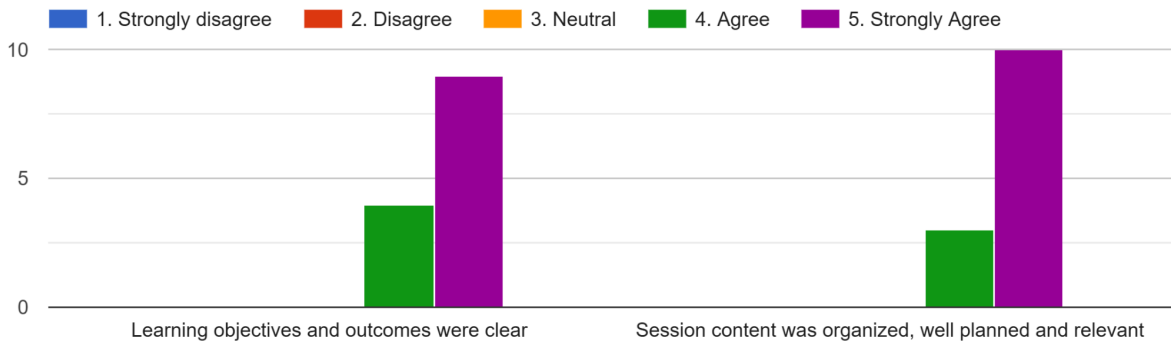
Facilitator Feedback: Ms. Smita Sankhe

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



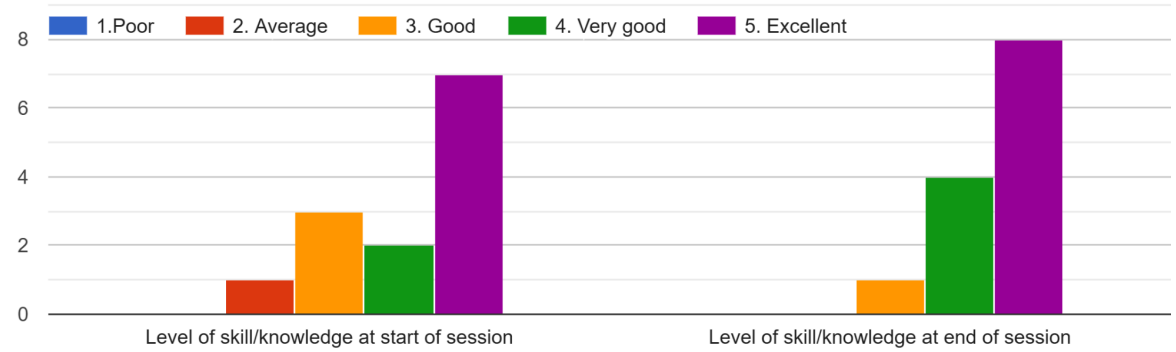
Session Content

Session Content (5 being the highest and 1 being the lowest)



Learning Outcome

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)




SOMAIYA VIDYAVIHAR UNIVERSITY
Somaiya TRUST
Faculty & Staff Development Centre
(FSDC is recognised by the Association of Indian Universities as AIU-SVU FSDC's AADC)
In collaboration with
Department of Computer Engineering,
K J Somaiya School of Engineering
Invites you for ISTE approved One-week Short Term Training Programme (STTP)
on
Business Intelligence:
Unlocking Insights with Tools
16th – 20th June, 2025 | Hybrid | B107, Bhaskaracharya Building, KJSSE, SVU, Mumbai
Content
Basic and Advanced Visualisation
Interactive Reports
Report Navigation and Filtering
Dashboard Designing
Data Analytics using R & Python
Data Analysis Expressions (DAX) using Microsoft Power BI
Data Analysis and Visualisation using Tableau
Strengthening analytical and instructional competencies through practical sessions
Facilitators
Mr Ankit Rastogi
Customer Success Manager, IBM India Pvt Ltd
Mr Vedant Sharma
Senior Solutions Engineer, Senior Solutions Consultant, Salesforce
Mr Rajeev Kumar
Technical Account Manager, IBM Expert Lab, IBM India Pvt Ltd
Mr Gyan Thakur
Senior Technology Architect, Strategic Technology Group, Infosys Limited
Dr Smita V Bhoir
Data Engineering Team Lead & Project Manager, Morningstar India Pvt Ltd
Dr Jignasha Dalal
Training Manager, Wipro Ltd
Dr Chandan Singhavi
Associate Professor, KJ Somaiya Institute of Management SVU, Mumbai
Dr Uday Joshi
Associate Professor, Department of Computer Engineering, KJSSE, SVU, Mumbai
Mrs Jyothi Rao
Assistant Professor, Department of Computer Engineering, KJSSE, SVU, Mumbai
Dr Grishma Sharma
Assistant Professor, Department of Computer Engineering, KJSSE, SVU, Mumbai
Dr Archana Gupta
Assistant Professor, Department of Computer Engineering, KJSSE, SVU, Mumbai
Mrs Nirmala Shinde
Assistant Professor, Department of Computer Engineering, KJSSE, SVU, Mumbai
Mrs Smita Sankhe
Assistant Professor, Department of Computer Engineering, KJSSE, SVU, Mumbai
Mrs Shweta Dhawan Chachra
Assistant Professor, Department of Computer Engineering, KJSSE, SVU, Mumbai
Mr Swapnil Pawar
Assistant Professor, Department of Computer Engineering, KJSSE, SVU, Mumbai
Mr Vaibhav Vasani
Assistant Professor, Department of Computer Engineering, KJSSE, SVU, Mumbai
Mr Kaustubh Kulkarni
Assistant Professor, Department of Computer Engineering, KJSSE, SVU, Mumbai
Ms Kirti Mishra
Assistant Professor, Department of Computer Engineering, KJSSE, SVU, Mumbai
Dr Ashwini Deshmukh
Assistant Professor, Department of Computer Engineering, KJSSE, SVU, Mumbai
For more details
022 6728 3051
officer.fsdc@somaiya.edu
programmanager.fsdc@somaiya.edu
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(AIU-SVU FSDC'S AADC)
In Collaboration with Department of Electronics Engineering,
K J Somaiya School of Engineering

Report on STTP: Generative AI in Action: New Frontiers in Engineering Applications.

Dated: 23rd - 27th June 2025

Inauguration Ceremony

The STTP on 'Generative AI in Action – New Frontiers in Engineering Applications' commenced on June 23, 2025, with an engaging and insightful inauguration ceremony that brought together esteemed dignitaries, resource persons, faculty, and enthusiastic participants from across the country. The session was formally opened by the Director Faculty & Staff Development Centre Dr. Preeti Rawat. This was followed by an address from the Director of the institute, Dr. Suresh Ukarande, who highlighted the institution's commitment to promoting innovation and interdisciplinary research in AI. Dr. J.H. Nirmal, Head of Department Electronics Engineering extended a warm welcome to all attendees and underscored the relevance of Generative AI in shaping the future of engineering and applied sciences. The tone for the event was aptly set by keynote speaker Dr. Charu Malhotra, who delivered a compelling talk on the integration of AI in public governance. The inauguration reflected the STTP's vision of blending academic rigor with industry relevance and set the stage for a week of immersive learning, collaboration, and exploration of cutting-edge AI technologies.

Dated: 23rd June 2025

Session 1: Keynote Session (10:00 am – 11:30 am)

Dr. Charu Malhotra [Associate Professor (e-Governance & ICT) at Indian Institute of Public Administration (IIPA)] delivered the inaugural keynote, introducing e-Governance and the potential of AI in public service delivery. Set the tone for the STTP focusing on AI's societal impact. She elaborated on the role of e-Governance, and how AI can enhance citizen-centric services. Dr. Malhotra discussed examples of successful AI implementation in government sectors and emphasized the ethical framework necessary for deploying such technologies.

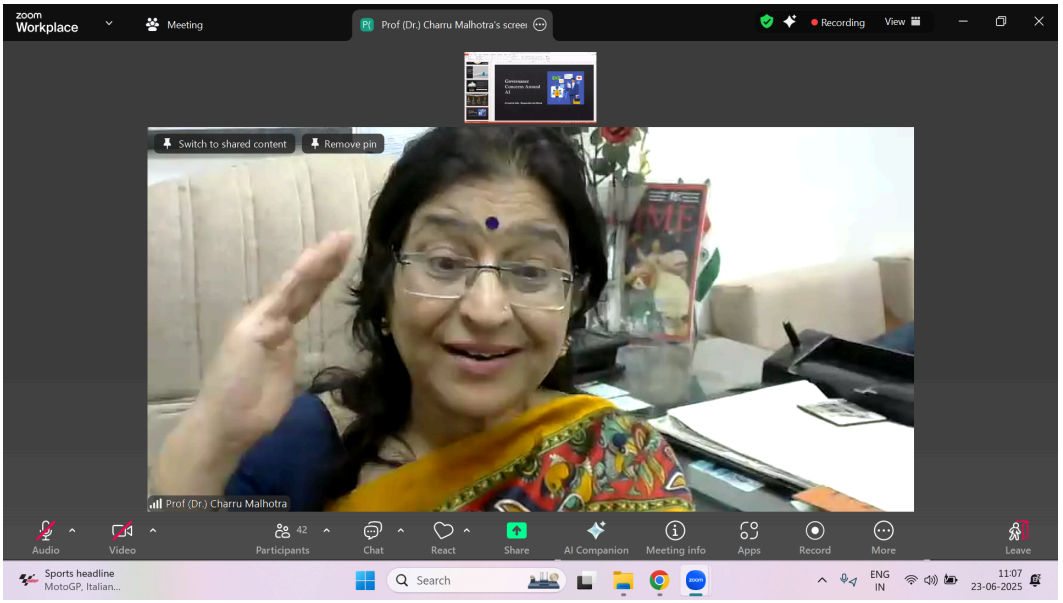


Image No: 418

Session 2: Building and Optimising RAG (11:30 am - 1:00 pm)

Abhijeet Gawande [Founder Member at Whitehat Jr] delivered an insightful session focused on leveraging Generative AI to revolutionize the educational landscape. He began by contextualizing how LLMs and generative models like ChatGPT and Gemini are reshaping both teaching methodologies and student learning experiences. Emphasizing democratization of content creation, he demonstrated how educators can harness tools such as Notion AI, SlidesAI, and ChatGPT plugins to design interactive lesson plans, auto-grade assessments, and personalize feedback loops. A significant part of his talk centered around the ethical dimensions and biases inherent in AI-generated content, urging educators to balance AI use with critical human oversight. He also highlighted real-world use cases where GenAI was successfully embedded into LMS platforms, enabling smart tutoring and adaptive curriculum development. His session concluded with hands-on prompts and workflows that attendees could integrate into their classrooms immediately, making the session both visionary and practically relevant.

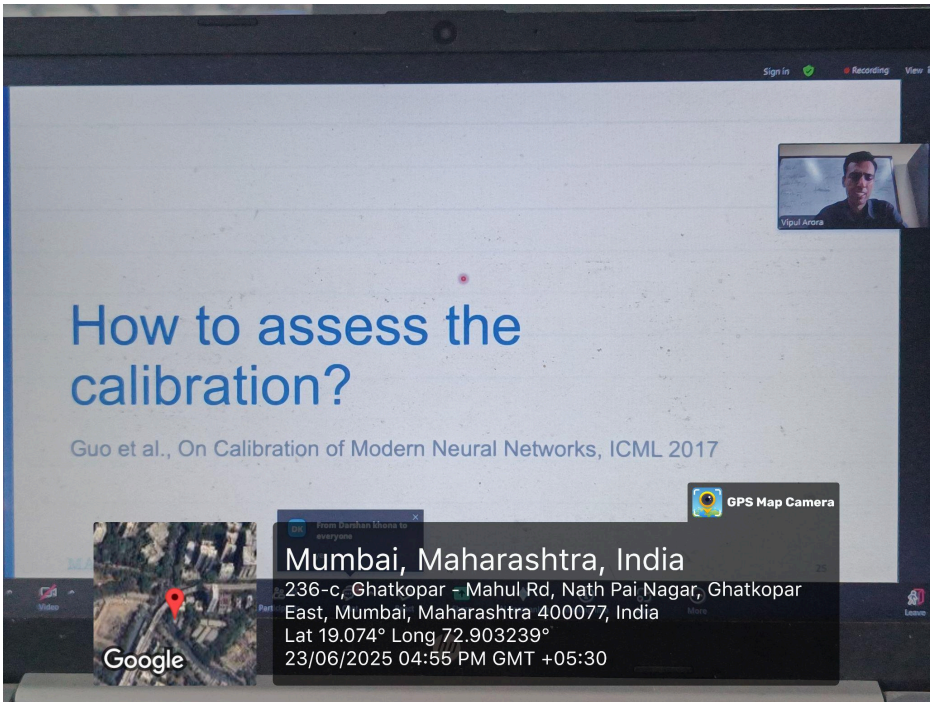


Image No: 419

Session 3: Agentic AI: The next frontier in Automation (2:00 pm – 3:30 pm)

Dr. Amiya Kumar Tripathy ,Dean (Research and Innovation), DBIT, Mumbai delivered a thought-provoking session exploring the emergence of Agentic AI and its divergence from conventional AI systems. He explained that while traditional AI models respond reactively, Agentic AI systems exhibit autonomy, self-governance, and proactive decision-making abilities. He outlined core characteristics such as goal-setting, contextual reasoning, and continuous feedback adaptation, drawing parallels to human-like agency in complex environments. The talk emphasized the growing relevance of agent-based architectures in areas like intelligent automation, industrial robotics, and smart governance. Dr. Tripathy addressed challenges including model transparency, ethical implications of autonomous decision-making, and the need for regulatory frameworks. The session also showcased real-world implementations of agentic AI in customer service bots, healthcare diagnostics, and supply chain optimization. Participants gained a deeper understanding of how agentic systems are pushing the boundaries of AI capabilities and how developers and researchers must navigate this evolving domain responsibly.

Session 4: Confidence Estimation and its Applications in Speech Technologies, Flow-based Generative Models (3:30 pm – 5:00 pm)

Dr. Vipul Arora [Associate Professor, IIT Kanpur] conducted a technically rich and illuminating session on the critical role of confidence estimation in modern speech recognition systems. Beginning with foundational architectures like Connectionist Temporal Classification (CTC) and Recurrent Neural Network Transducers (RNN-T), he dissected how these models power voice assistants, transcription engines, and multilingual speech interfaces. A significant emphasis was placed on the challenges of model overconfidence, particularly in uncertain or low-resource language settings, and how techniques like calibration and confidence scoring can improve real-world usability. Dr. Arora also explored adaptation strategies for diverse linguistic environments and provided examples of multilingual model fine-tuning. His session was filled with research-backed insights, practical illustrations, and relevant case studies from ongoing projects, offering participants both depth and practical know-how in deploying trustworthy speech-enabled AI systems.

Dated: 24th June 2025

Session 1: Generative AI – A Deep Dive (10:00 am – 11:30 am)

Yash Sanghavi [Founder & CEO of Yanisa Execution: AI-Powered Startup Acceleration, Podcast Host @The Last Laugh Podcast] delivered an energetic session covering the evolution of GenAI tools, types of prompt engineering (RTF, RSSC), and image/audio generation using Leonardo, Midjourney, and Lumen5. He provided a live demo of building mini-apps using Airtable, Glide, Bubble, and workflow automation via Zapier and Venturist.ai, preparing attendees for real-world use.

Session 2: Generative AI – A Deep Dive (11:30 am - 1:00 pm)
Yash Sanghavi [Founder & CEO of Yanisa Execution: AI-Powered Startup Acceleration, Podcast Host @The Last Laugh Podcast]

Yash Sanghavi conducted an electrifying and highly interactive session tailored to equip emerging professionals and educators with cutting-edge generative AI tools and workflows. He opened the discussion with a historical perspective on the evolution of generative AI, mapping its journey from rule-based models to transformer-driven architectures like GPT-4 and Gemini. Emphasizing practical adoption, he broke down prompt engineering methodologies such as RTF (Role-Task-Format) and RSSC (Role-Style-Subject-Context), and explained how these frameworks can produce more consistent and targeted outputs. Yash then guided attendees through a hands-on exploration of AI design and media platforms like Leonardo.ai, Midjourney, Lumen5, and Tome, enabling the creation of rich visual and audio content with minimal technical expertise. Participants walked away with immediately deployable skills, including how to build smart assistants, automate content pipelines, and integrate AI into everyday business and educational workflows. The session stood out for its balance of visionary depth and actionable strategy, making complex AI concepts accessible and engaging for all attendees.

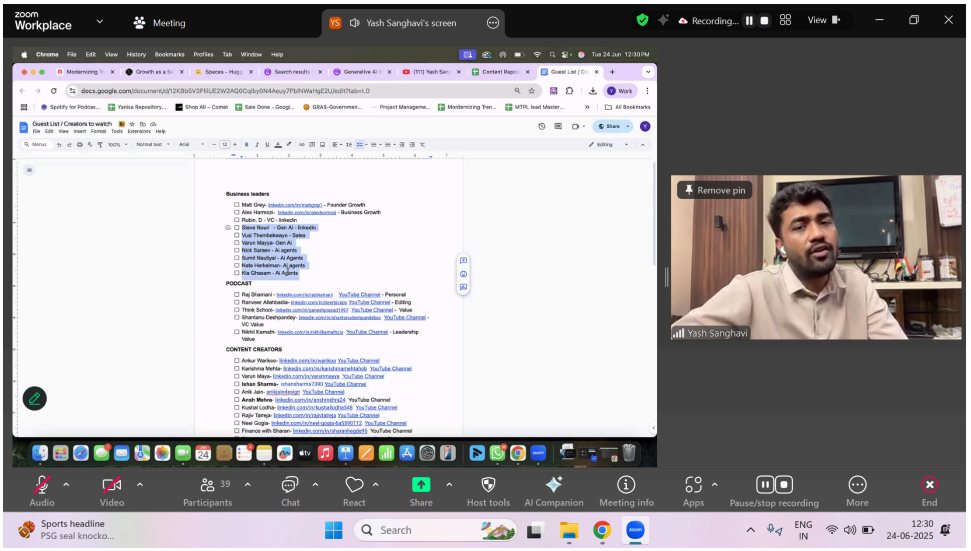


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Session 3: Prompt Engineering, Generative AI in Healthcare: Opportunities, Challenges and Breakthroughs (2:00 pm – 3:30 pm)

Dr. Poonkuzhali Sugumaran [Professor of AIML at Rajalakshmi Engineering College, Chennai] session offered a comprehensive dive into the evolving craft of prompt engineering, positioning it as the foundation of effective interaction with large language models (LLMs). She began by explaining the cognitive parallels between human question framing and LLM prompt design, introducing principles like specificity, role-based prompting, zero-shot vs. few-shot contexts, and iterative prompt refinement. With engaging examples, she walked participants through multi-turn conversations, prompt chaining, and context anchoring—strategies essential for producing reliable, interpretable outputs from GenAI systems. Highlighting the nuances of prompt failures, hallucination mitigation, and output verification, her session blended theoretical insight with real-world classroom and industrial use cases. The latter half focused on hands-on activities using tools like ChatGPT and Gemini, enabling participants to practice building modular prompt templates for academic writing, STEM problem-solving, and automated code generation. Her clarity, examples, and practical scaffolding made the session especially valuable for educators, researchers, and developers aiming to master LLM-based workflows.

Session 4: Responsible AI in Research: Ethics, Risks, and Mitigation Strategies for Generative AI (3:30 pm – 5:00 pm)

Ankita Chadha [Chief AI Officer at Speenar Malaysia] delivered an impactful session on the ethical and responsible deployment of AI tools within academic and research contexts. She began by contextualizing the importance of AI transparency and interpretability, highlighting the key principles of fairness, accountability, and explainability in GenAI systems. Emphasizing how LLMs can introduce hallucinated content and hidden biases, she provided

practical methods to detect and mitigate such risks. Her insights covered citation norms for AI-generated outputs, as well as the regulatory landscape evolving around AI ethics in education. Dr. Chadha demonstrated real examples where AI tools improved academic productivity but also posed risks to originality and research credibility. She engaged the participants with discussions on institutional policymaking, data governance, and techniques to instill responsible AI behavior in both students and faculty. Her presentation included case studies and frameworks that institutions can adopt to promote ethical AI usage at scale.

Dated: 25th June 2025

Session 1: No-Code Platform (10:00 am – 11:30 am)

Yash Sanghavi [Founder & CEO of Yanisa Execution: AI-Powered Startup Acceleration, Podcast Host @The Last Laugh Podcast]

Yash introduced Retrieval-Augmented Generation (RAG), demonstrated advanced prompt design using PGCTOE framework, and compared top LLM models. He guided participants through Make.com and N8N platforms for integrating agentic AI into automation workflows.

Session 2: Integrating Generative AI with No-Code Platforms for Engineering Solutions (11:30 am - 1:00 pm)

Yash Sanghavi [Founder & CEO of Yanisa Execution: AI-Powered Startup Acceleration, Podcast Host @The Last Laugh Podcast]

Yash demonstrated how generative AI, when paired with no-code platforms, can rapidly prototype and deliver engineering solutions without traditional programming bottlenecks. He showed how engineers and educators could design workflow-based applications—such as predictive maintenance dashboards, chatbot-integrated troubleshooting systems, or AI-assisted simulation portals—by combining generative AI with tools like Make.com, Glide, and Airtable. This approach illustrated a shift toward democratized innovation, where domain experts can now directly implement solutions with AI capabilities, bypassing the need for deep coding expertise. This portion resonated deeply with faculty and students seeking to integrate GenAI into engineering education and R&D workflows.

Session 3: Open source AI tools (2:00 pm – 3:30 pm)
Dr. Ninad Mehendale from KJSSE

Dr. Mehendale showcased accessible AI development tools including Face Fusion, Voice Cloning, and Dia. He emphasized the importance of ethical use, resource-efficient deployment, and the role of open-source in democratizing GenAI adoption.

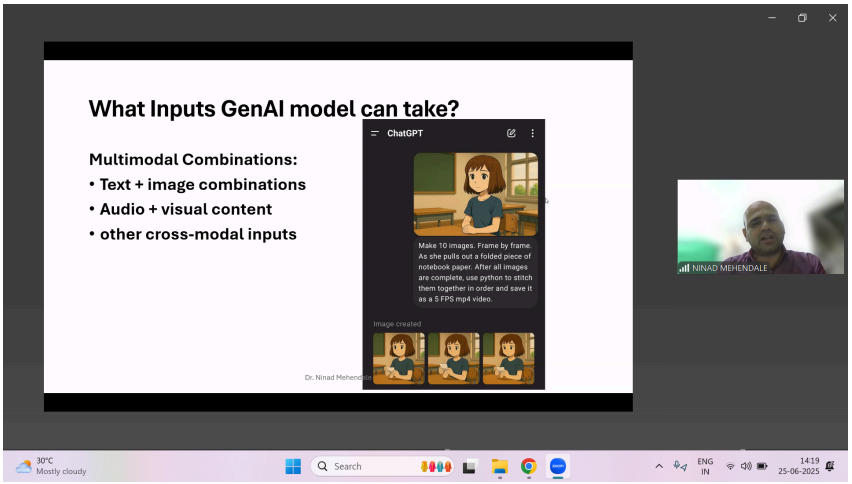


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Session 4: RAG and its Applications in Healthcare (3:30 pm – 5:00 pm)

Dr. Jayashri Vajpai (Dean, MBM University, Jodhpur) discussed how GenAI can revolutionize diagnosis, drug discovery, wearable tech monitoring, and medical data synthesis. She presented studies on using GenAI in pandemic detection and AI-enabled health analytics. She also discussed how GenAI is poised to transform the healthcare landscape through its ability to automate and enhance complex clinical and research workflows. She elaborated on how large language models and diffusion-based generative models are enabling breakthroughs in early disease detection, personalized drug discovery, and molecular structure prediction. Her session highlighted the role of AI in synthesizing massive volumes of unstructured medical data from radiology reports to clinical trial notes to assist healthcare professionals with faster, more accurate diagnostics. She presented compelling studies where GenAI was used to model pandemic outbreaks, support triage systems in resource-constrained settings, and generate synthetic patient data for anonymized research. Further, she explored the integration of GenAI into wearable health technologies, enhancing real-time monitoring and proactive health interventions. Dr. Vajpai concluded with ethical considerations, data sensitivity concerns, and regulatory readiness, offering a holistic view of both the promise and challenges of applying GenAI in critical medical domains.

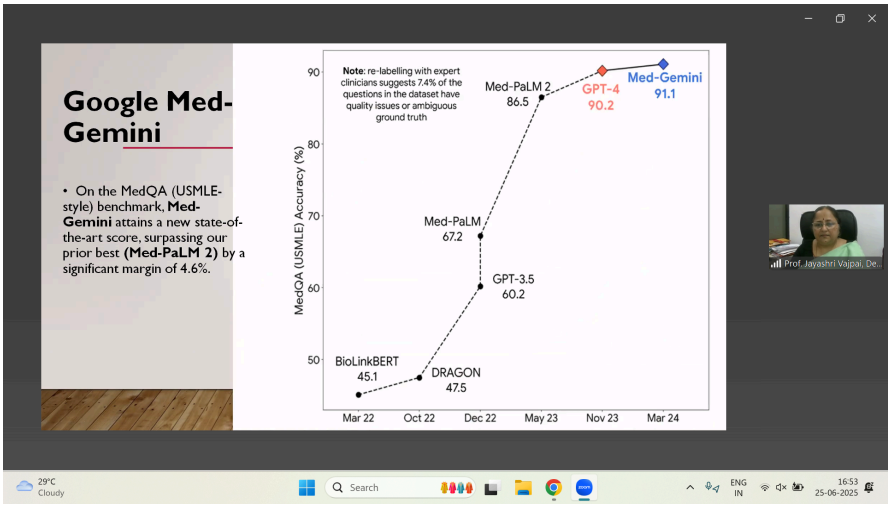


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Dated: 26th June 2025

Session 1: Autonomous AI systems: From Raw Data to Goal Driven Agents (10:00 am – 11:30 am)

Vimal R. Chaubey [Data Engineer, Croma] introduced AI development workflows on the cloud. He demonstrated building and deploying LLMs using GitHub Codespaces and emphasized the synergy of MLOps and DevOps for large-scale applications. He shared use cases in retail and financial sectors.

Session 2: Generative AI, Multimodal AI, Agentic AI (Hands-on) (11:30 am - 1:00 pm)

Vimal R. Chaubey [Data Engineer, Croma] delivered a technically immersive session that bridged the capabilities of machine learning (ML) and large language models (LLMs) with the scalability of cloud infrastructure. He began by explaining the architecture of modern LLMs, emphasizing how their training and deployment benefit significantly from distributed computing offered by platforms like AWS. He demonstrated how GitHub Codespaces can be integrated with cloud services to rapidly build, test, and deploy generative AI models. Participants learned to orchestrate end-to-end AI workflows—right from data ingestion to model training and fine-tuning—within cloud-native environments using tools such as SageMaker and Amazon Bedrock. Mr. Chaubey also stressed the importance of MLOps and DevOps practices in enabling scalable and reproducible AI pipelines. He shared real-world case studies from the retail and financial domains where LLMs were used for sentiment analysis, customer query resolution, and fraud detection. The session concluded with a showcase of AI agents built using pre-trained models integrated with cloud APIs, highlighting their applicability in industry-grade solutions. His session stood out for offering a deep dive into the operationalization of GenAI at scale

Session 3: Prompt Engineering, GenAI Tools: ChatGPT, DALL·E, Midjourney, etc for creating Text, Image, Code: Exploring Multimodal Generative AI (Handson) (2:00 pm – 3:30 pm)

Abhay Ranjan [ChatGPT & GenAI Expert Trainer] provided insights into content creation using Canva, ChatGPT, Midjourney, and MS Designer. He outlined AI-powered branding strategies, business storytelling, and creative design workflows. His session stood out for its highly practical orientation, equipping participants with the tools to elevate marketing efforts through automation and personalization. He demonstrated how generative models can be used to rapidly generate social media graphics, email campaigns, and customer engagement materials, enabling entrepreneurs and educators alike to boost visibility with minimal manual effort. Mr. Ranjan explored the role of AI in marketing funnel optimization and provided tips for using prompt templates to create emotionally resonant content tailored for different platforms. He concluded with a strategic look at the future of AI in branding and content curation, encouraging attendees to think beyond static content and embrace dynamic, AI-augmented storytelling.

Session 4: LangChain for LLM Applications (3:30 pm – 5:00 pm)

Suprava Patnaik [Dean, School of Electronics Engineering, Kalinga Institute of Industrial Technology (KIIT)] delivered an in-depth and technically advanced session centered around LangChain, a powerful framework for developing AI agents capable of interacting with language models in dynamic, context-aware workflows. She introduced the architectural components of LangChain, including chains, tools, memory, and agents, and showed how these pieces work together to build modular and scalable GenAI applications. Emphasis was laid on prompt chaining techniques that enable multi-step reasoning, and the role of memory objects in maintaining contextual continuity across conversations. Prof. Patnaik demonstrated practical use cases, including knowledge retrieval agents powered by vector databases like FAISS and ChromaDB. She also explained how LangChain integrates with LLM APIs and third-party services to orchestrate end-to-end agentic solutions. Her session included a walk-through of building a conversational research assistant capable of fetching and summarizing scientific articles. The talk resonated with both novice developers and advanced practitioners, highlighting LangChain's potential to build autonomous AI systems for education, research, and enterprise-level deployments.

Dated: 27th June 2025

Session 1: Use of GenAI for image generation (Handson) (10:00 am – 11:30 am)

Pramod Kachare [Researcher, IIT-B & Assistant Professor at RAIT, Mumbai] conducted an engaging hands-on session dedicated to the creative and technical aspects of AI-driven image generation. He introduced participants to powerful platforms like DALL·E, Midjourney, and Leonardo.ai, providing real-time demonstrations on how to craft detailed visual content using prompt engineering techniques. Attendees explored parameters such as style control, aspect

ratios, lighting effects, and theme-specific prompts to generate artwork suited for education, marketing, and media applications. Mr. Kachare also discussed the use of APIs and open-source image models in software integration, and the legal implications related to AI-generated art including copyright, authorship, and ethical considerations. The session provided participants with the creative freedom and technical insights to begin using GenAI tools in their own domains.

Pramod Kachare [Researcher, IIT-B & Assistant Professor at RAIT, Mumbai]

Session 2: Use of GenAi for music generation (Handson) (11:30 am - 1:00 pm)

In the subsequent hands-on session, Mr. Kachare shifted focus to music generation using generative AI platforms such as Google Magenta, Jukebox by OpenAI, and MusicLM. He explained how generative models learn temporal patterns and structures from music datasets to produce unique compositions. Through practical activities, participants were guided on how to generate melodies, harmonize instruments, and blend genres using textual or MIDI-based prompts. The session also covered music editing tools, integration of AI music into multimedia projects, and basic sound synthesis techniques. Mr. Kachare emphasized the role of GenAI in democratizing music composition, especially for educators, content creators, and indie developers. The session was highly appreciated for blending creativity, technology, and accessibility into one experiential learning journey.

Session 3: Generative AI for Industrial Applications (2:00 pm – 3:30 pm)

Sudipta Roy [Associate Professor, Artificial Intelligence & Data Science at Jio Institute, Navi Mumbai] presented advanced use cases of GANs, diffusion models, and Variational Autoencoders in manufacturing, energy management, and predictive maintenance. She elaborated on how GenAI is enabling the creation of digital twins, improving defect detection, and enhancing quality assurance in industrial production lines. Her session included detailed workflows for deploying generative models in predictive fault diagnostics and process automation. Using visual examples, she illustrated how generative tools can model complex system behaviors and simulate operational conditions to pre-empt equipment failure. Dr. Rai also introduced the concept of AI-assisted supply chain optimization, where GenAI is employed for demand forecasting, inventory management, and logistics planning. Her case studies illustrated measurable gains in real-time decision-making, operational efficiency, and cost savings across various industrial domains. The session concluded with a discussion on integrating these models into IoT-enabled ecosystems and the challenges of scaling GenAI in industrial settings, including interpretability, latency, and data privacy concerns.

Session 4: Concluding Keynote - From Vision to Victory: Generative AI's Role in Engineering Innovations on the Horizon (2025-2030) (3:30 pm – 5:00 pm)

Chintan Oza [Founder, Anantam Ecosystems] emphasized GenAI's future in engineering design, smart infrastructure, and digital twin technologies. He elaborated on how generative

AI tools are now being used to automate the ideation, simulation, and optimization of engineering components, significantly reducing development time and cost. Through real-world examples, he demonstrated the use of AI for creating sustainable infrastructure, enhancing urban planning, and enabling smart monitoring systems. He also highlighted the role of AI-powered digital twins in predicting system behavior and improving lifecycle management of engineering assets. Mr. Oza urged participants to actively explore AI-driven innovation through interdisciplinary collaboration, encouraging engineers, data scientists, and domain experts to co-create transformative solutions that address real-world challenges.

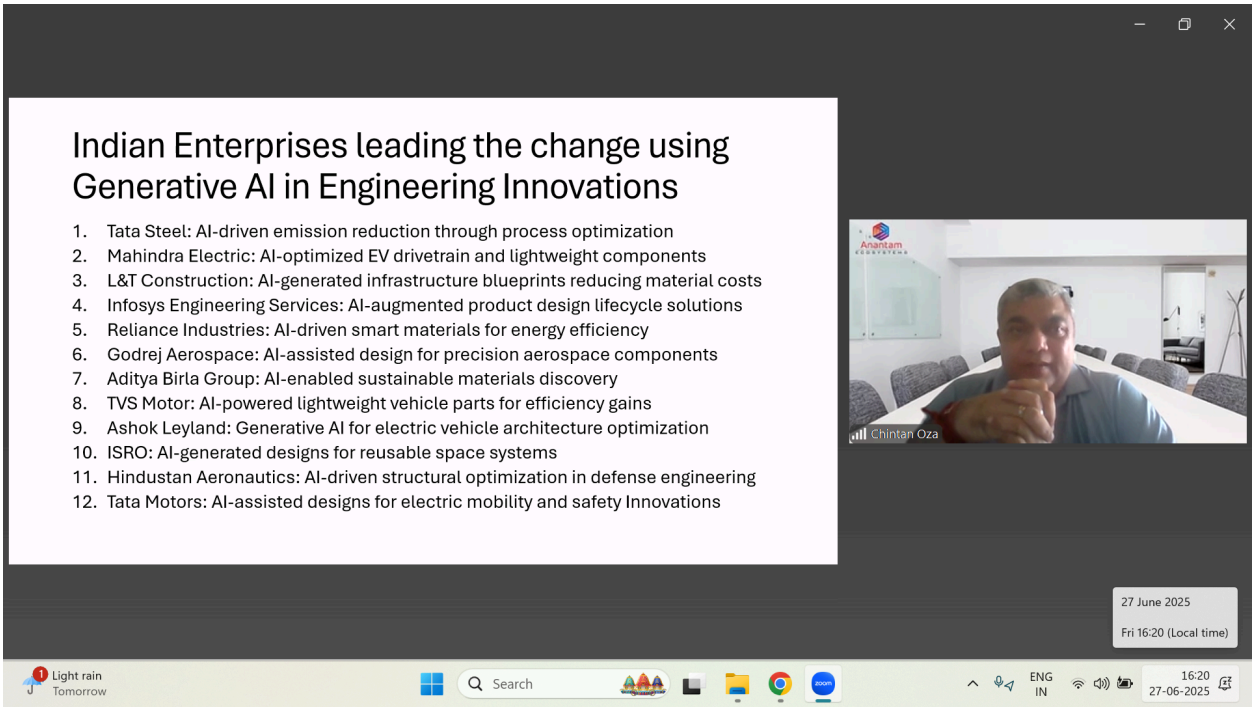


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The valedictory session of the STTP on 'Generative AI in Action – New Frontiers in Engineering Applications' took place on June 27, 2025, marking the successful culmination of five days of immersive learning and impactful discourse.

This was started by reflections from participants who appreciated the hands-on nature of the sessions, the interdisciplinary scope, and the real-world applicability of the tools and techniques demonstrated. Certificates of participation were distributed digitally, and feedback was collected to inform future training programs. The Director, Dr. Suresh Ukarande, addressed the attendees with words of encouragement, motivating faculty and researchers to continue exploring AI's potential in their respective fields. The event concluded on an optimistic note, reinforcing a shared commitment to innovation, collaboration, and lifelong learning in the AI era.

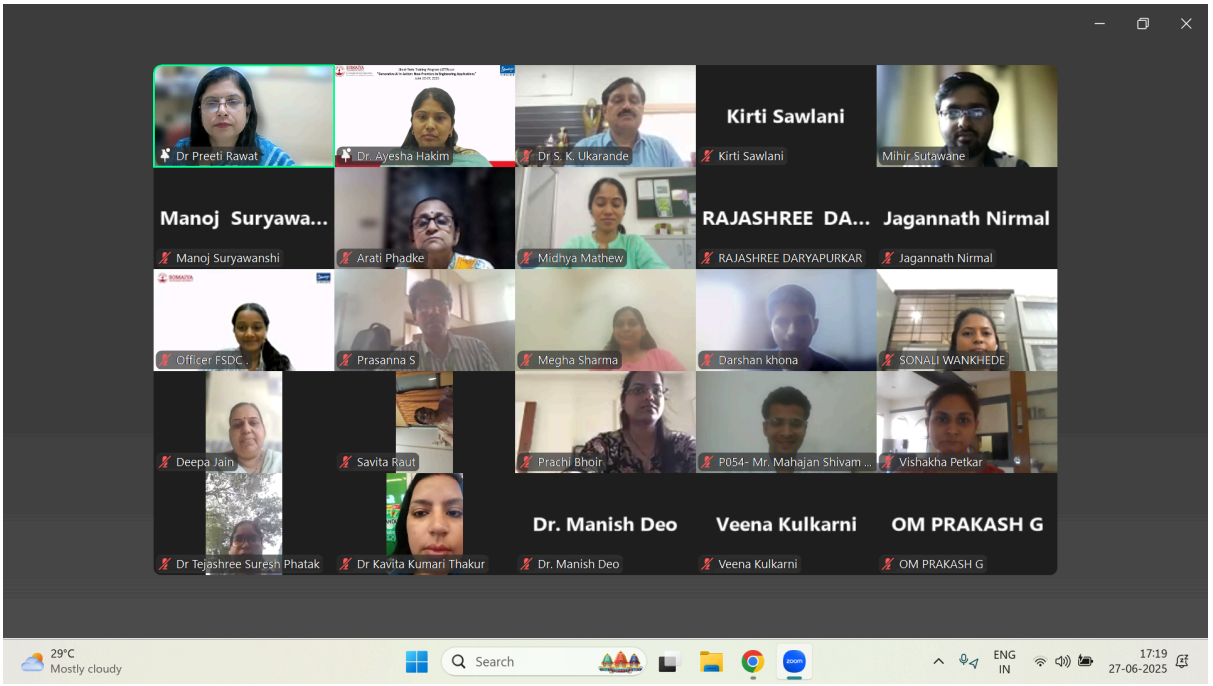


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The event began with closing remarks by Dr. J.H. Nirmal, Head of Department, who expressed gratitude to all resource persons, participants, and organizing committee members for making the program a grand success. He highlighted the breadth of knowledge shared across diverse domains—healthcare, education, cloud computing, marketing, and industrial applications—emphasizing the STTP's success in translating complex GenAI concepts into actionable insights. Dr. Ayesha Hakim delivered the vote of thanks.

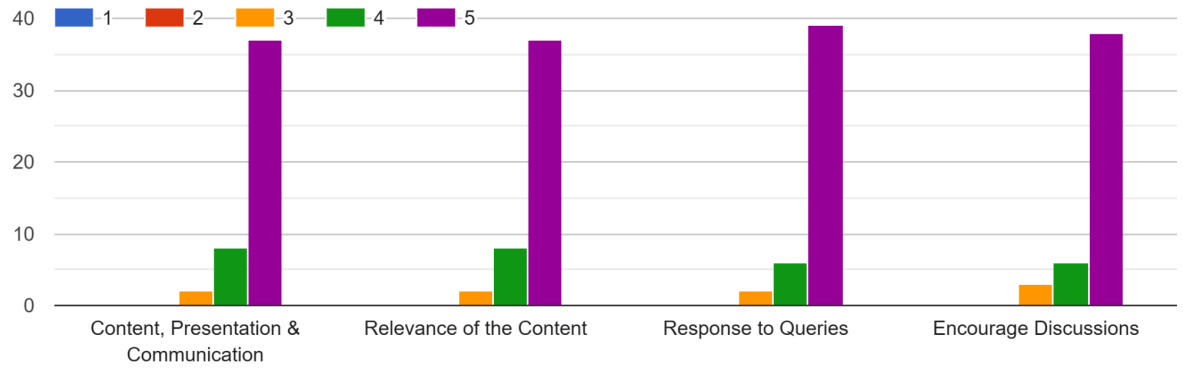
Feedback Analysis:

No. of Participants	
Feedbacks Received	
Facilitators Feedback: Dr. Charu Malhotra	**4.8**
Facilitators Feedback: Abhijeet Gawande	**4.6**
Facilitators Feedback: Dr. Amiya Kumar Tripathy	**4.6**
Facilitators Feedback: Prof. Vipul Arora	**4.6**
Facilitators Feedback: Yash Sanghavi	**4.7**
Facilitators Feedback: Poonkuzhali Sugumaran	**4.6**

Facilitators Feedback: Ankita Chadha	**4.7**
Facilitators Feedback: Prof. Ninad Mehandale	**4.7**
Facilitators Feedback: Dr. Jayashri Vajpai	**4.6**
Facilitators Feedback: Vimal R. Chaubey	**4.6**
Facilitators Feedback: Mr. Abhay Ranjan	**4.5**
Facilitators Feedback: Dr. Suprava Patnaik	**4.5**
Facilitators Feedback: Mr. Pramod Kachare	**4.8**
Facilitators Feedback: Mr. Sudipta Roy	**4.7**
Overall Analysis:	**4.6**

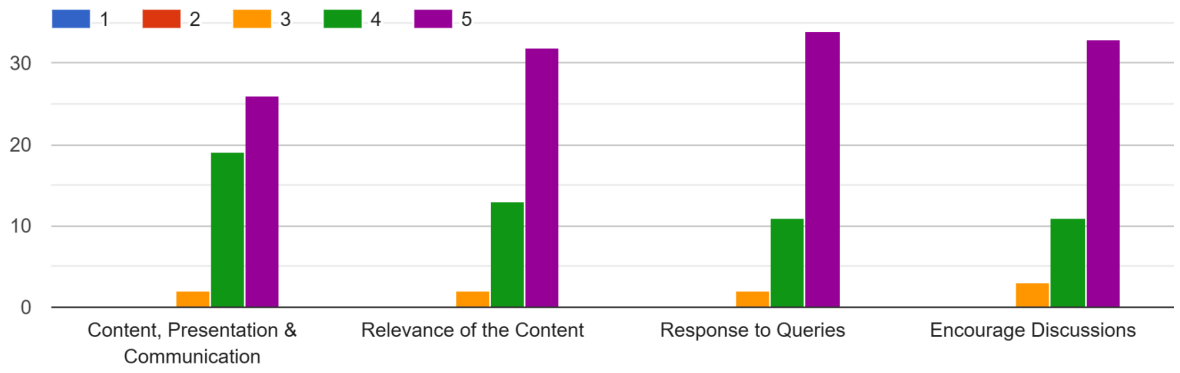
Day 1
Facilitator Feedback: Dr. Charu Malhotra

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



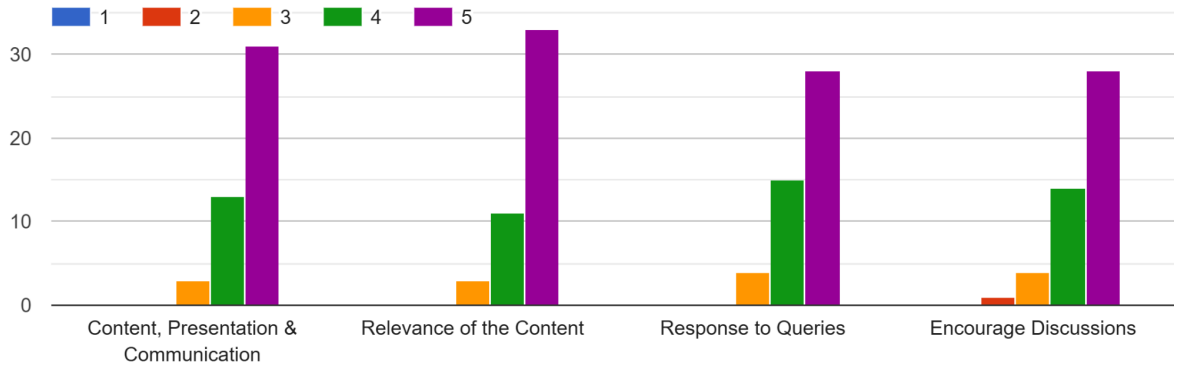
Facilitator Feedback: Abhijeet Gawande

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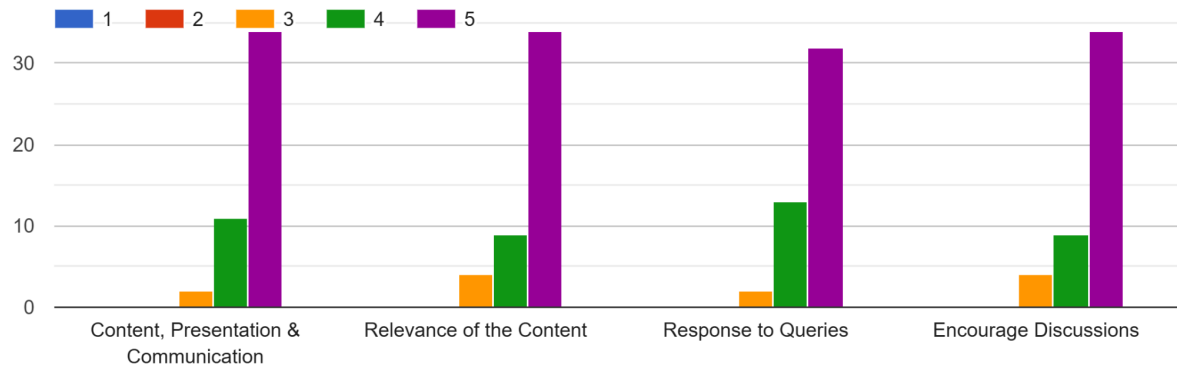
Facilitator Feedback: Dr. Amiya Kumar Tripathy

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



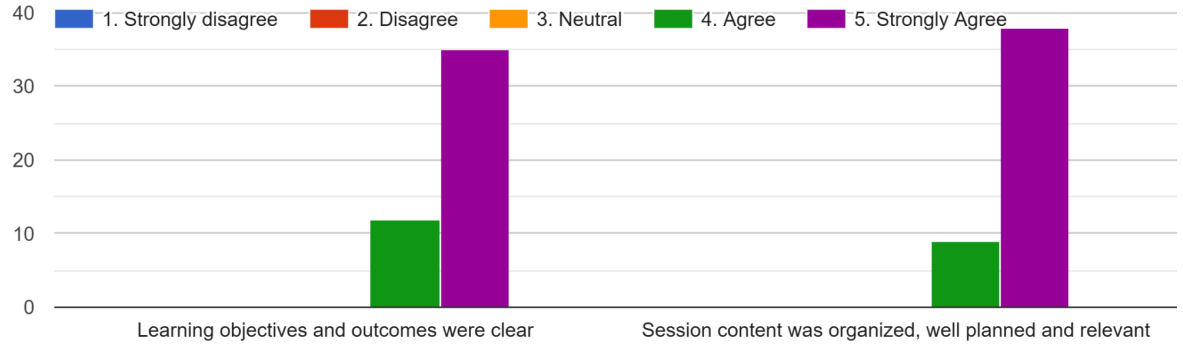
Facilitator Feedback: Vipul Arora

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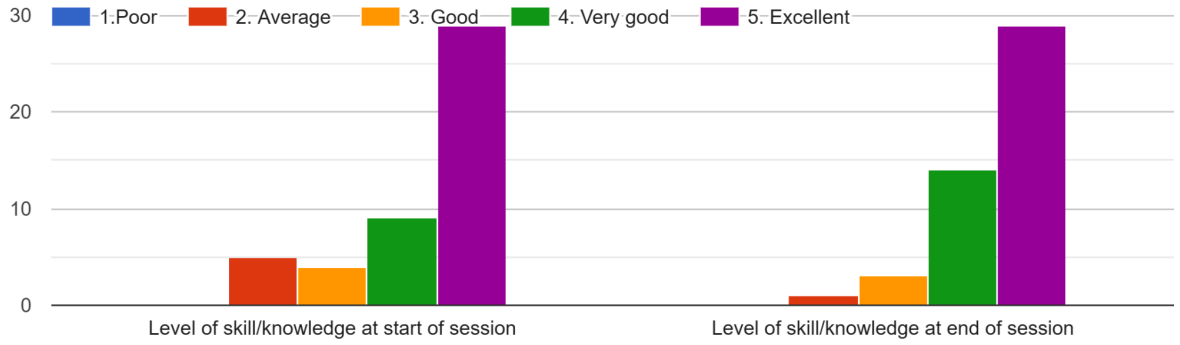
Session Content

Session Content (5 being the highest and 1 being the lowest)



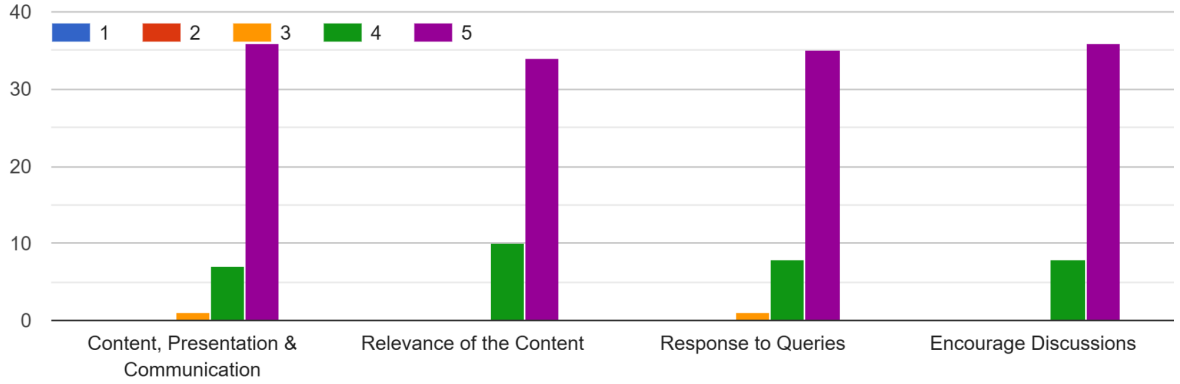
Learning Outcome

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



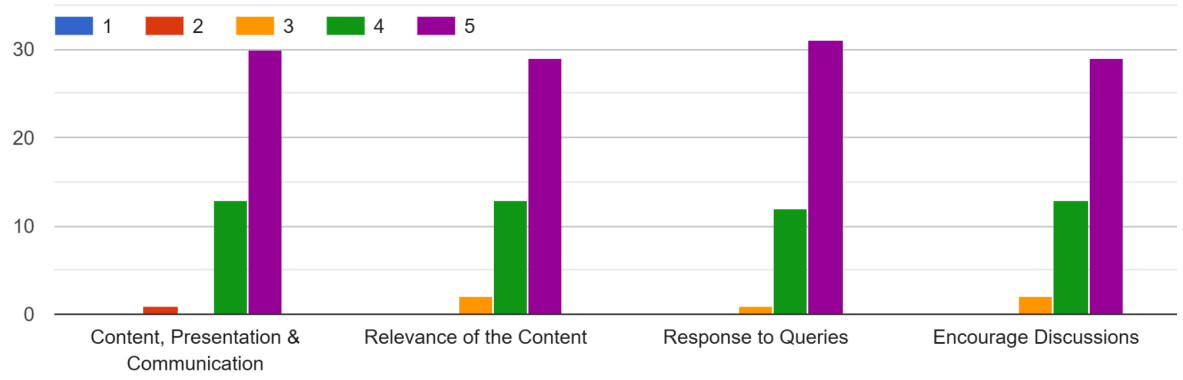
Day 2
Facilitator Feedback: Yash Sanghavi

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



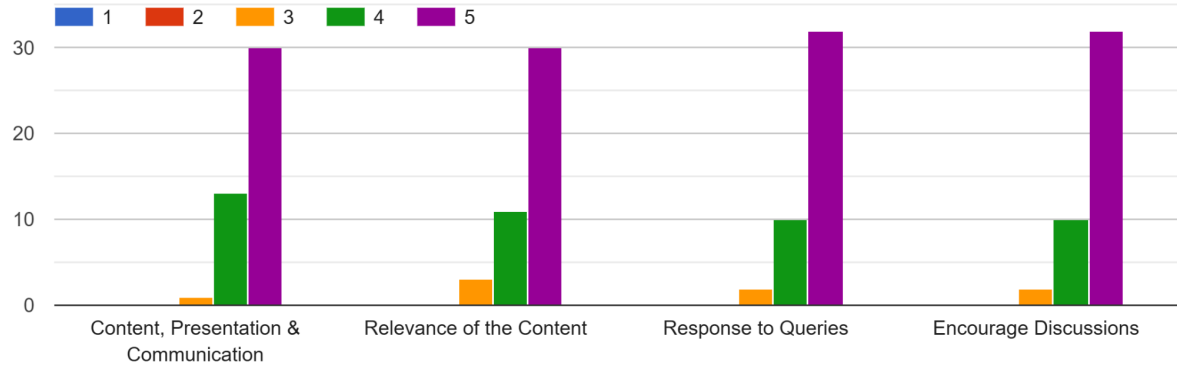
Facilitator Feedback: Poonkuzhali Sugumaran

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



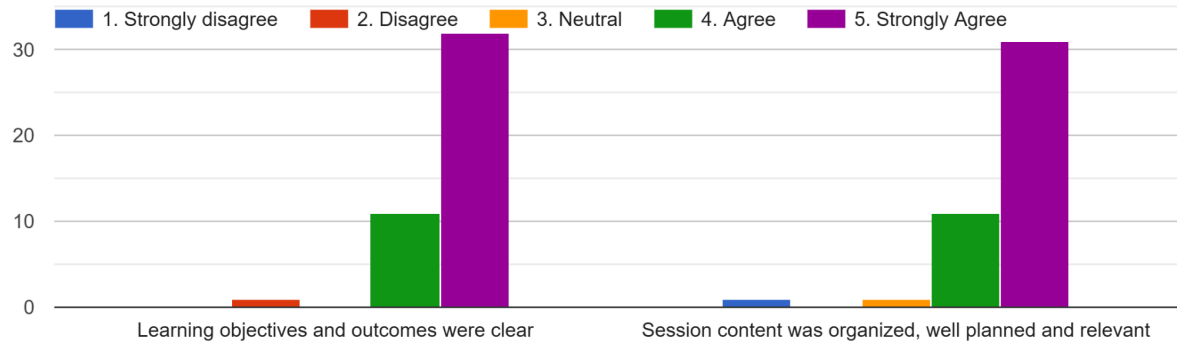
Facilitator Feedback: Ankita Chadha

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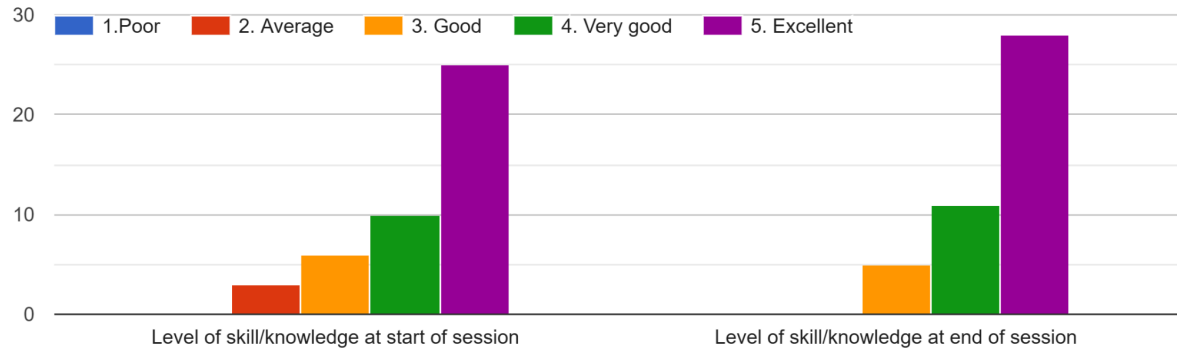
Session Content

Session Content (5 being the highest and 1 being the lowest)



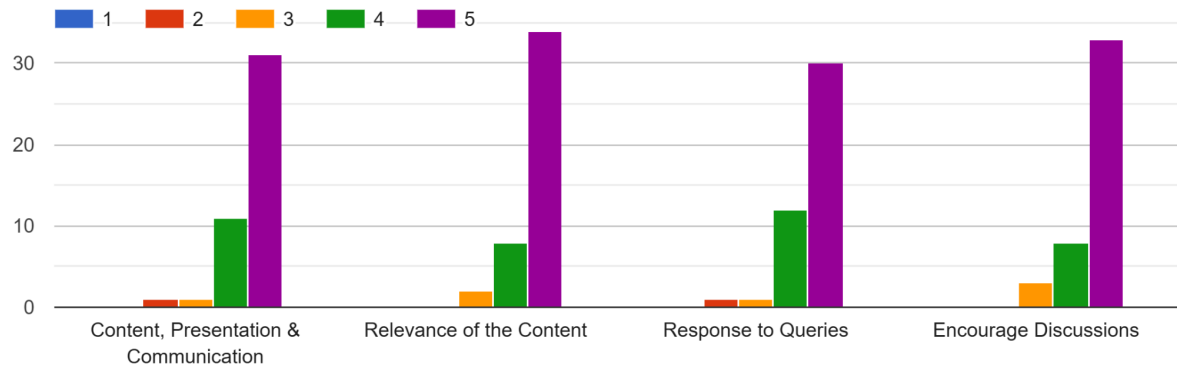
Learning Outcome

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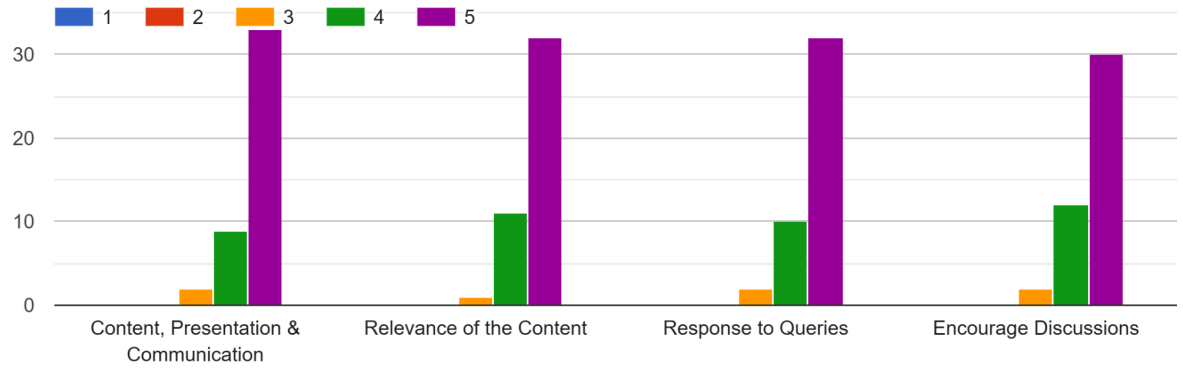
Day 3
Facilitator Feedback: Yash Sanghavi

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



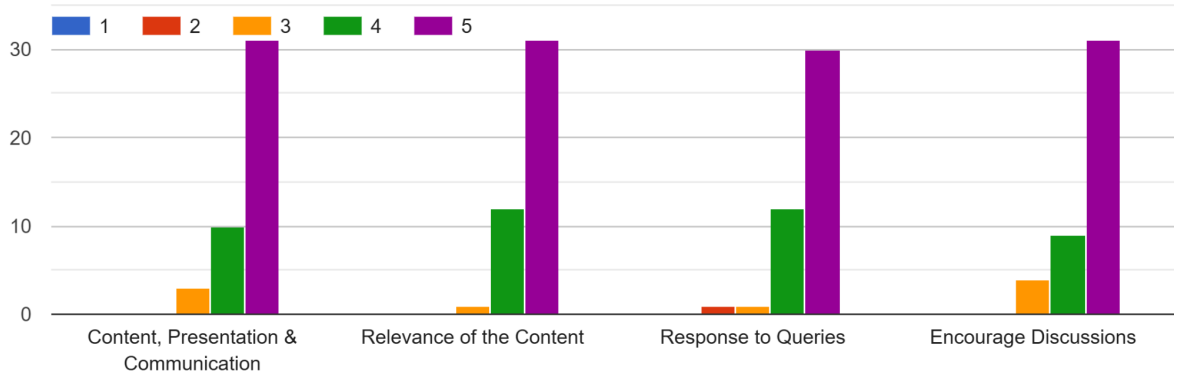
Facilitator Feedback: Prof. Ninad Mehandale

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



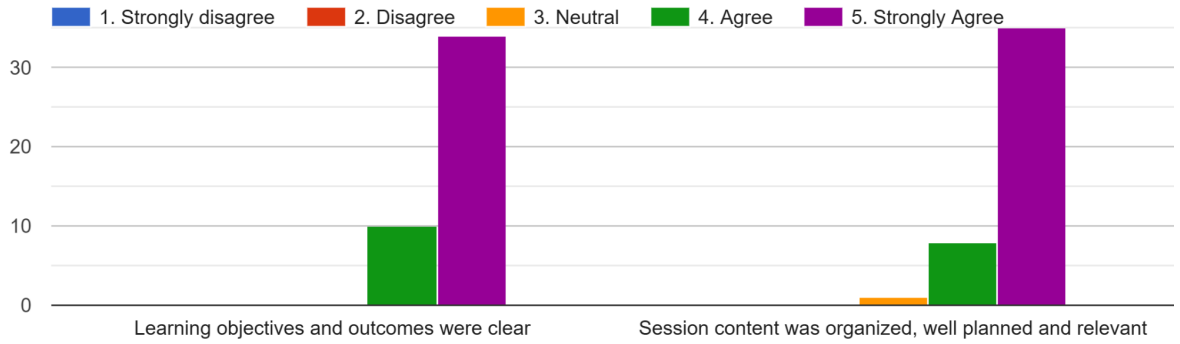
Facilitator Feedback: Dr. Jayashri Vajpai

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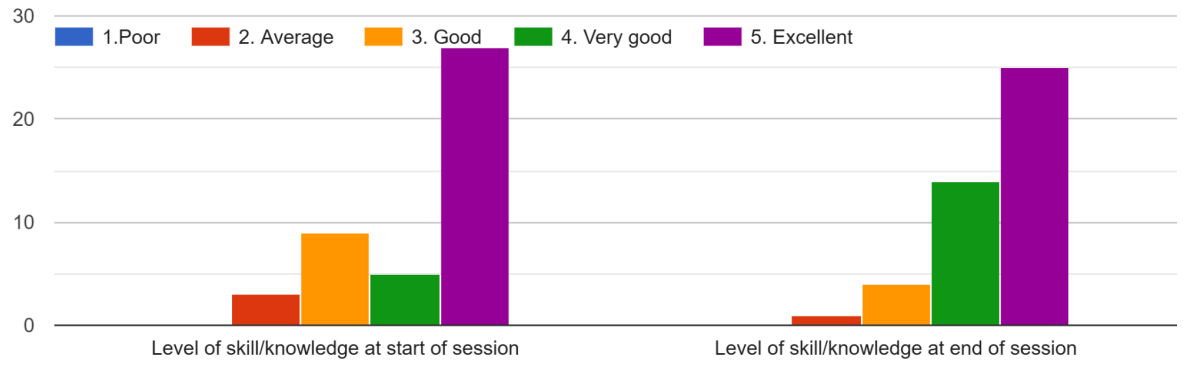
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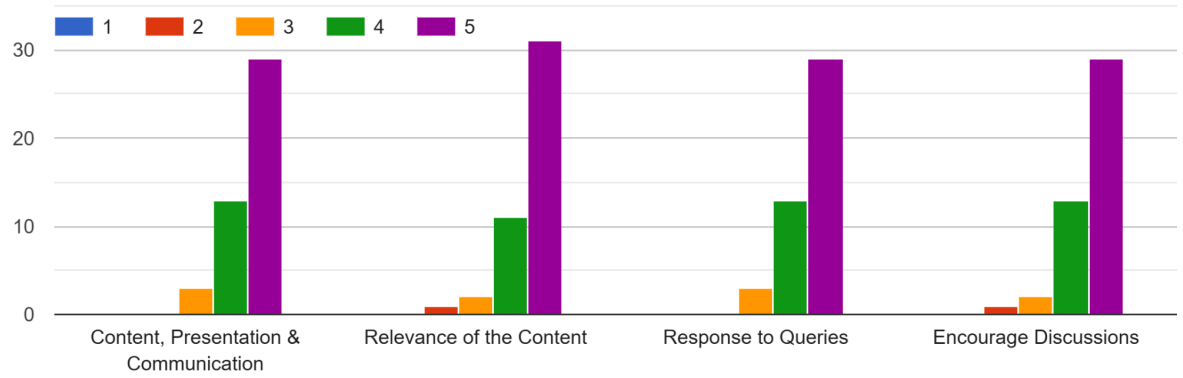
Learning Outcome

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



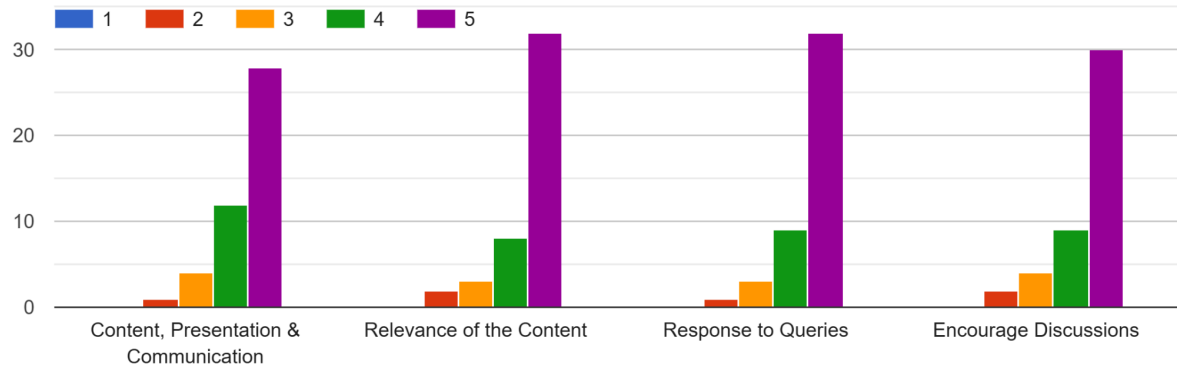
Day 4
Facilitator Feedback: Vimal R. Chaubey

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



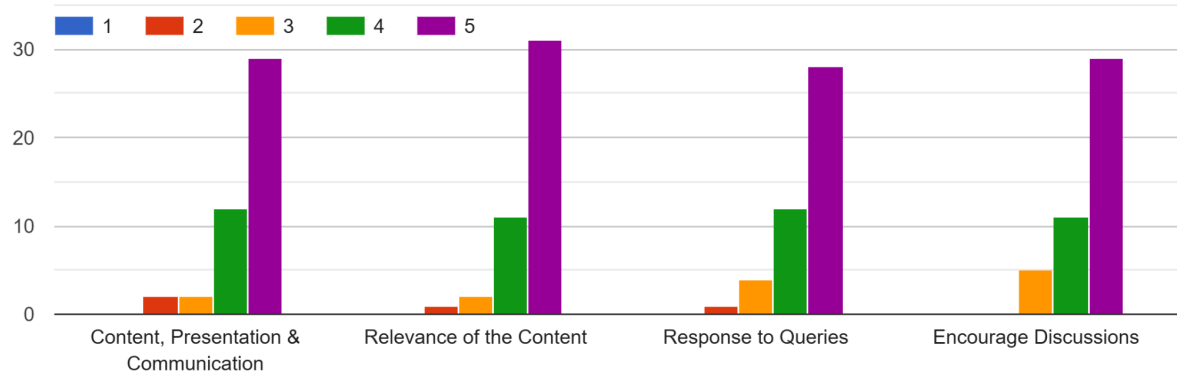
Facilitator Feedback: Mr. Abhay Ranjan

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



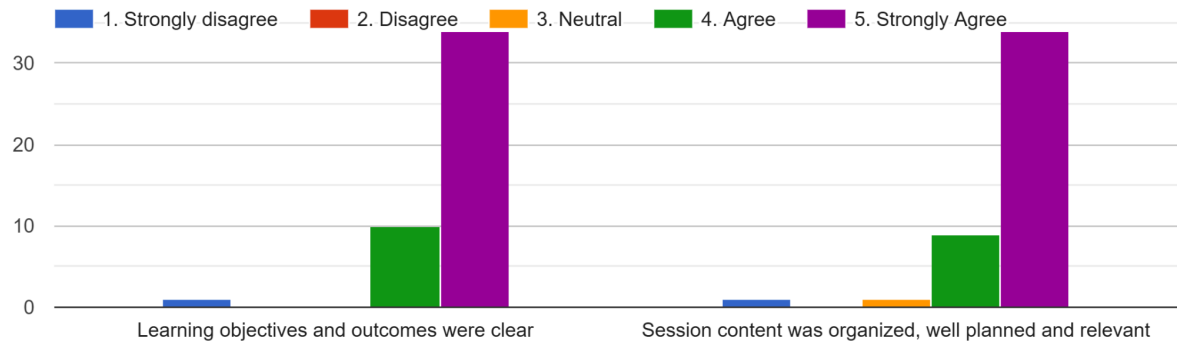
Facilitator Feedback: Dr. Suprava Patnaik

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



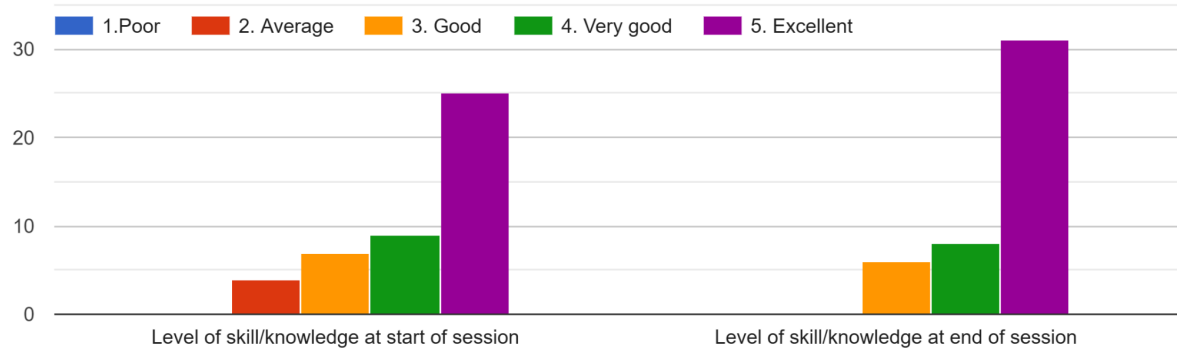
Session Content

Session Content (5 being the highest and 1 being the lowest)



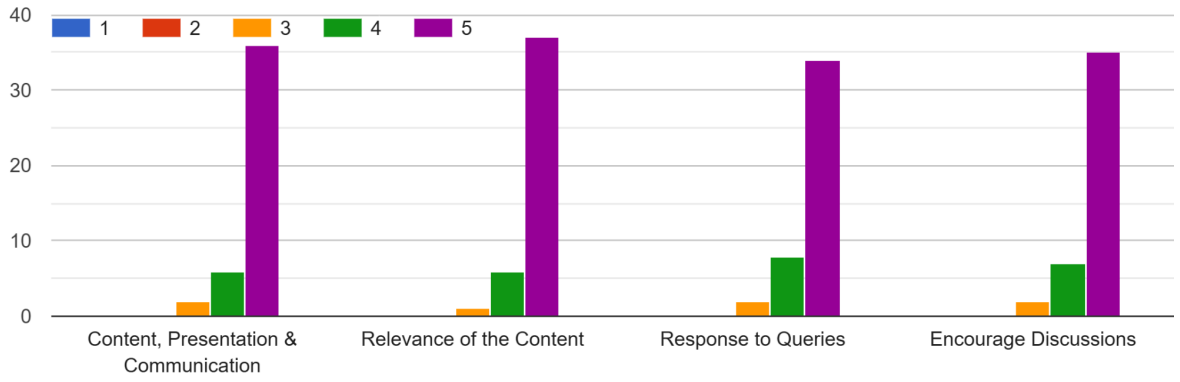
Learning Outcome

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



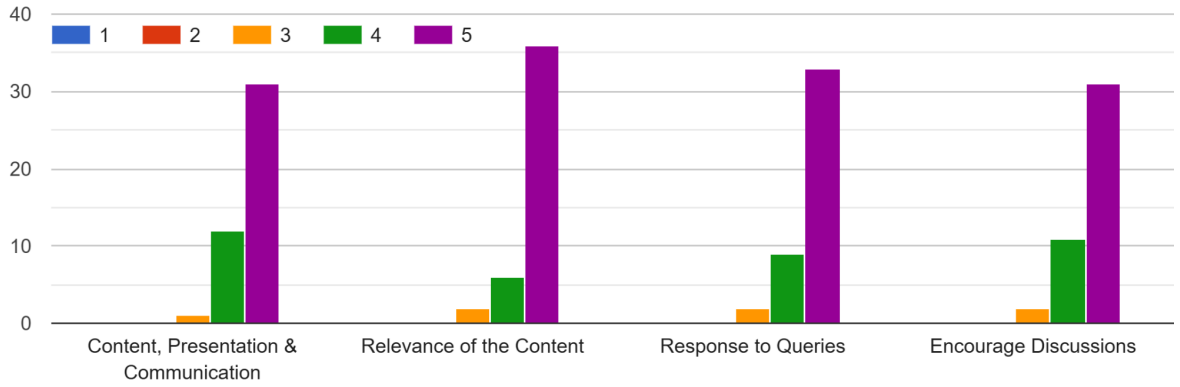
Day 5
Facilitator Feedback: Mr. Pramod Kachare

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



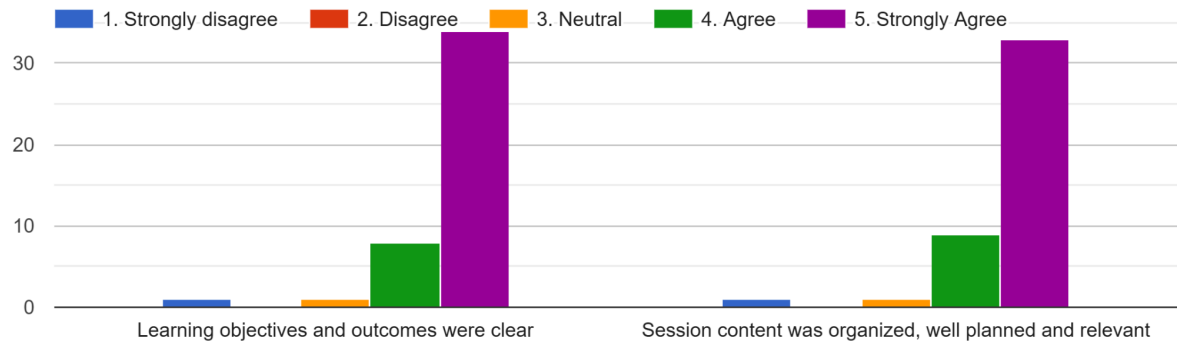
Facilitator Feedback: Mr. Sudipta Roy

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



Session Content

Session Content (5 being the highest and 1 being the lowest)



Learning Outcome

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Poster for the FDP:



Faculty & Staff Development Centre
(AIU-SVU FSDC'S AADC)
In Collaboration with The Department of Computer Engineering
K J Somaiya School of Engineering

Report on STTP:Advanced Functional Materials and Sustainability

Dated: 23rd-27th June 2025

Dated: 23rd June, 2025

The Faculty and Staff Development center (FSDC) in association with the Department of Science and Humanities organize a One week STTP on Advanced Functional Materials and Sustainability from June 23rd-27th, 2025. The STTP began with the Inauguration function followed by the Key note address **by Dr. R. R. Deshmukh**, Senior Professor and Head, Department of Physics, ICT Mumbai. Dr. Deshmukh gave a brief introduction about Plasma and how plasma processing offers an advanced and environmentally friendly approach for the functionalization of materials, enabling precise surface modification without altering bulk properties—particularly valuable in drug delivery and the textile industry.

Session 1: (11.45 am-01.15 pm) - Dr Rajesh Kamble: Aggregation-Induced Emission (AIE) active organic functional semiconducting materials

Dr. Rajesh Wagle begin his lecture discussing about organic functional semiconducting materials. He discussed about the gained significant attention for the AIE materials unique photophysical behavior and promising applications in the field of organic electronics. He gave a detailed insight on the traditional fluorophores that suffer from aggregation-caused quenching (ACQ), AIE materials exhibit enhanced emission upon aggregation, making them ideal for solid-state devices.



Image no: 414

Session II (02:00 pm - 3:30 pm) - Dr Padma Vankar: Phytoremediation of Heavy Metal from Industrial Effluents – A Move towards Sustainability

The presentation by **Dr. Padma S. Vankar** focuses on the **phytoremediation of hexavalent chromium (Cr VI)** from tannery effluents using **plant-based and fungal biosorbents**, highlighting sustainable and cost-effective alternatives to conventional methods of heavy metal removal.

Session III: (3.45 pm-5.15 pm) - Dr. Padma Vankar (Lab Visit- Shimadzu-Somaiya Vidyavihar Centre of excellence in analytical and Measurement Sciences)

The participants attending the STTP in offline mode were taken to the Shimadzu centre in SIRAC (Somaiya Institute for Research and Consultancy) for laboratory visits. As there is a large number of PhD students/JRF in the Institutions, it was helpful for them to get a glimpse of the analytical instruments used for characterization in the field of Physics and Chemistry.



Image No: 415

Dated: 24th June, 2025

Session 1: (10:00 am- 11.30 am) - Dr Kulwant Singh: Creating a Mini Sun on Earth : Unlocking Infinite Energy

Day 2 of the STTP began with a session by Dr. Kulwant Singh from BARC, Mumbai. He delivered a captivating talk on "Creating a Mini Sun on Earth: Unlocking Infinite Energy." He highlighted the principles of nuclear fusion, inspired by the Sun, as a clean and virtually limitless energy source. The talk focused on advancements in plasma confinement, tokamak technology, and India's role in global fusion research.

Session II (11:45 am – 01:15 pm) - Dr. Suren Patwardhan, SVU: Low thermal budget Si heterojunction solar cells for PV power generation.

The next session for the day started after the tea break. Dr. Suren Patwardhan presented an insightful discussion on "Low Thermal Budget Si Heterojunction Solar Cells for PV Power Generation." He outlined innovative fabrication techniques that minimize high-temperature processing, preserving silicon wafer integrity and reducing energy consumption. By integrating thin-film heterojunction architectures, his research achieved enhanced efficiency and stability under practical operating conditions.



Image No: 416

Session III: (02:00 pm - 3:30 pm) – Dr. Sharad Lande: Catalysis for a Sustainable Future: Industrial Insights and Opportunities

The session, delivered by Dr. Sharad Lande, an esteemed authority in industrial catalysis and process engineering focused on the pivotal role of catalysis in advancing global sustainability goals. Dr. Lande effectively bridged the divide between academic innovation and industrial implementation, offering deep insights into catalytic technologies across key sectors such as petrochemicals, pharmaceuticals, energy, and environmental remediation. Highlighting catalysis as a fundamental driver of sustainable industrial development, Dr. Lande discussed how catalytic processes can significantly enhance reaction efficiency, minimize waste, and reduce energy consumption.

Session IV: (03:45 pm - 5:15 pm) – Dr. Dipti Gupta: Development of Wearable and Industrial Sensors

Dr. Dipti Gupta delivered an insightful session on the transformative role of advanced sensing technologies in wearable devices and industrial systems. Her talk highlighted how the integration of these sensors is revolutionizing real-time monitoring in areas such as health, safety, and environmental management. She began by outlining recent advancements in the design and application of wearable sensors, emphasizing key features such as flexibility, miniaturization, wireless data connectivity, and real-time analytics. Dr. Gupta explained how these devices enable continuous, non-invasive monitoring of vital physiological parameters, including heart rate, body temperature, sweat composition, motion, and blood oxygen saturation.

Dated: 25th June, 2025

Session 1: (10:00 am- 11.30 am) - Dr Meenu Prasher: How hydrous silicate materials, such as clay, serpentinite and zeolites, transform under various conditions relevant to the nuclear fuel cycle?

Dr. Meenu Started the talk with sustainability and sustainable development and pillars of sustainability. Her talk lines 'Energy is at the heart of sustainable development' made the talk special and more directed towards sustainability. She gave a brief introduction about Nuclear energy-renewable energy sources, Nuclear Fuel cycle, Nuclear reactor operation and radiation resistant materials used for Nuclear power production.

Session II (11:45 am – 01:15 pm) - Dr Rumu Banerjee: Nature-Inspired materials (Natural Apatite & Zircon) for Nuclear Sustainibility

Dr. Rumu begins her lecture by continuing the Dr. Meenu discussion about sustainability. She insisted on effectively manage the environment and environmental resources. She discussed about increasing energy consumption, for which a closed nuclear cycle can be used. The nuclear waste generated containing high level nuclear waste and low level nuclear waste. She discussed the about 50 liquid elements like Ca, Ru, Sr etc for various social applications. She gave information about four criteria's for managing radioactive waste. Her words 'Nature as material laboratory' gave excitation to the crowd. Her talk ended with the discussion about the vitrification process.



Image No: 417

Session III: (02:00 pm - 3:30 pm) – Dr. Jitendra Satam & Dr. Pushpendra Rai: Synthesis of Functional Materials for Sustainable applications

In the combined session led by Dr. Pushpendra Rai and Dr. Jitendra Satam on "Synthesis of Functional Materials for Sustainable Applications," Dr. Rai discussed functional adhesive materials, highlighting the differences between adhesives and sealants, their evolution, market growth, and potential. Dr. Satam focused on the applications of TiO_2, common functionalization techniques, and sustainable synthesis methods. The session offered valuable insights into the diverse research opportunities within the field of functional materials, emphasizing their significance in advancing sustainability.

Session IV: (03:45 pm - 5:15 pm) – Dr. Archana Sharma & Dr. Santosh Mani: Characterization technique used for advanced functional materials

The session delivered by Dr. Archana Sharma emphasized the critical role of characterization techniques in understanding and enhancing functional materials for advanced applications. Dr. Sharma provided an overview of key techniques, including X-ray Photoelectron spectroscopy, X-ray Diffraction (XRD) for phase identification, and Scanning Electron Microscopy (SEM) and Transmission Electron Microscopy (TEM) for microstructural analysis. Following this, Dr. Santosh Mani discussed the distinction between various phases of materials and introduced the concept of liquid crystal structures along with their practical applications. He explained how techniques such as polarizing optical microscopy can be used to study the structural properties of liquid crystals. Additionally, he highlighted the significance of Differential Scanning Calorimetry (DSC), Differential Thermal Analysis (DTA), and Fabry-Perot scattering studies in the characterization of liquid crystals.

Dated: 26th June, 2025

Session 1: (10:00 am- 11.30 am) - Dr. Mandar Shirolkar: Use of Metal-Organic Frameworks (MOFs) for Uranium Extraction from Seawater

Dr. Mandar Shirolkar delivered a comprehensive and informative session on the significance of metal-organic frameworks (MOFs). He discussed various methods for MOF synthesis, including electrochemical, sonochemical, spray drying, and others. He also classified MOFs into categories such as PCPs, PCNs, MILs, and UDs, highlighting their diverse applications in fields like biomolecule detection, gas trapping, biomedical uses, and LED technologies.

Session II (11:45 am – 01:15 pm) - Dr. Ajay Kushwaha*:* Metal-Oxide-Based Nanostructured Electrode for Green Hydrogen Production

Dr. Ajay Kushwaha began his session by emphasizing the need for sustainable energy sources such as hydrogen fuel, particularly green hydrogen, and introduced methods like electrocatalytic and photoelectrochemical water splitting. He explained why green hydrogen is a leading candidate for sustainable energy, given its applications in the chemical industry, power generation, and pharmaceuticals. He projected that the future demand for green hydrogen will be four times higher than today's levels.

Session III: (02:00 pm - 3:30 pm) – Dr. Luckman Muhmood: Critical Materials – Available Options and Processing Techniques

Dr. Luckman delivered a comprehensive and thought-provoking session on the importance of critical materials, key elements vital to modern technologies yet vulnerable to supply disruptions due to geopolitical, economic, or environmental factors. He highlighted elements such as rare earth elements (REEs), lithium, cobalt, nickel, and platinum group metals (PGMs), which are indispensable in clean energy technologies, electronics, aerospace, and defence applications.

Session IV: (03:45 pm - 5:15 pm) –Dr. Nilesh Wagh: Shaping a Sustainable Tomorrow with Functional Materials

Dr. Nilesh Wagh delivered an inspiring and forward-looking session on the vital role of functional materials in advancing sustainability in the 21st century. He emphasized that meeting global sustainability goals requires transformative technologies that not only reduce environmental impact but also enhance performance across sectors. Functional materials engineered to perform specific physical or chemical functions are at the core of this transformation.

Dated: 27th June, 2025

Session 1: (10:00 am- 11.30 am) - Dr. Subhabrata Dhar: Exploiting excitons for logic operations

Dr. Dhar Started the talk with introduction to excitons and its various usages. He briefed about his research group activities like growth of epitaxial layer, semiconductor nanostructures, its fabrication and its structural studies. He discussed about the types of excitons and their comparative studies. He gave information about the spatially indirect Excitons working as quantum well, 2D semiconductor and its analysis using HRTEM. He discussed about electroluminescence, time dependence electroluminescence and its spectra. He elaborated the applications for device making like charged coupled devices and exciton coupled devices.

Session II (11:45 am – 01:15 pm) - Dr. Pradip Sarawade: Advanced nanomaterials for energy and environmental application

Dr. Pradip begins his lecture by introduction of nanomaterials and discussed about visualization of size of nanomaterials with respect to size of atom and nucleus. He further elaborated the challenges of industries with respect to environment. He explained various types of silica materials, its preparation and uses in adhesives, sols, pads, paints etc. He then gave information about the millimetre and micro sized silica xerogels and aerogels. In his talk the formation of micelle at nanoscale and mechanism of fibrous silica nanospheres concentrated audiences to learn nanomaterials applications. He further explained the various types of hydrogen and focused the discussion on green synthesis of hydrogen. Finally in conclusion he insisted on sustainability and ended the talk.

Session III: (02:00 pm - 4:30 pm) – Quiz, Feedback & Valedictory function

The program concluded with a **quiz session**, where participants showcased their learnings. This was followed by feedback sharing and a valedictory ceremony. Participants appreciated the sessions for their practicality and relevance to the field of Advanced Functional materials and their application in the field of Science, technology and sustainability.

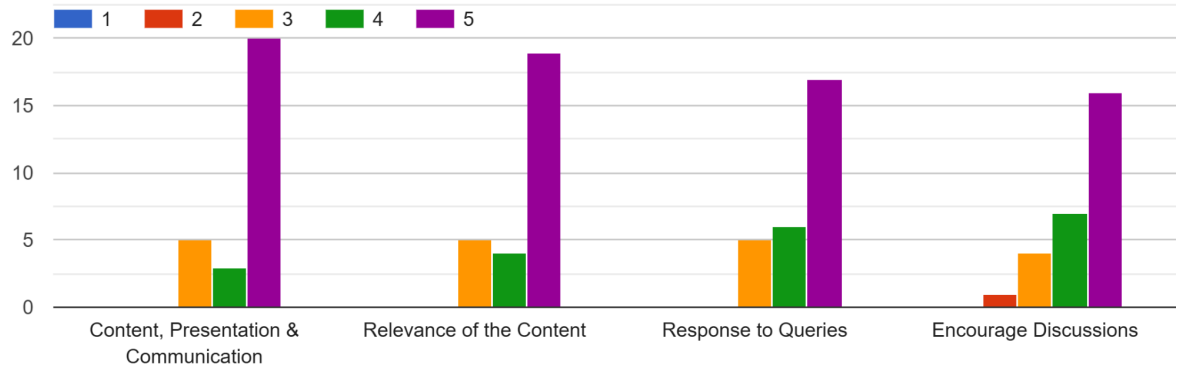
The session was followed by valedictory function. Dr. Pushpendra Rai gave an overview report of the STTP and certificates were distributed to the participants by Deputy Registrar and HOD (SAH) to all the participants, organizers and the coordinators of the STTP Program.

Feedback Analysis:

No. of Participants	
Feedbacks Received	
Facilitators Feedback: Dr. R.R. Deshmukh	**4.5**
Facilitators Feedback: Dr. Rajesh Kamble	**4.3**
Facilitators Feedback: Dr. Padma Vankar	**4.5**
Facilitators Feedback: Dr. Kulwant Singh	**4.4**
Facilitators Feedback: Dr. Suren Patwardhan	**4.4**
Facilitators Feedback: Dr. Sharad Lande	**4.4**
Facilitators Feedback: Dr. Dipti Gupta	**4.5**
Facilitators Feedback: Dr. Meenu Prasher	**4.4**
Facilitators Feedback: Dr. Rumu Banerjee	**4.5**
Facilitators Feedback: Dr. Pushpendra Rai	**4.4**
Facilitators Feedback: Dr. Jitendra Satam	**4.4**
Facilitators Feedback: Dr. Santosh Mani	**4.4**
Facilitators Feedback: Dr. Archana Sharma	**4.5**
Facilitators Feedback: Dr. Mandar Shirolkar	**4.4**
Facilitators Feedback: Dr. Ajay Kushwaha	**4.4**
Facilitators Feedback: Dr. Luckman Muhmood	**4.4**
Facilitators Feedback: Dr. Nilesh Wagh	**4.5**
Facilitators Feedback: Dr. Subhabrata Dhar	**4.3**
Facilitators Feedback: Dr. Pradip Sarawade	**4.3**
Overall Feedback Analysis.	**4.4**

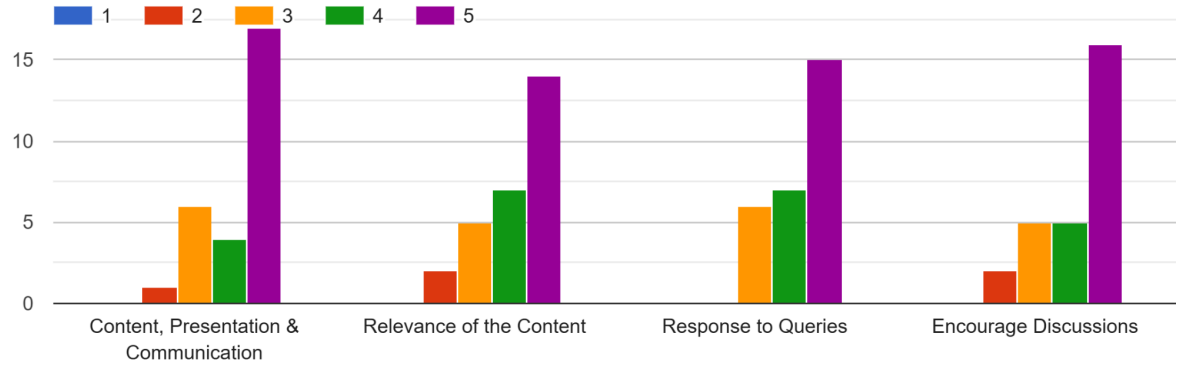
Day 1
Facilitator Feedback: Dr. R.R. Deshmukh

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



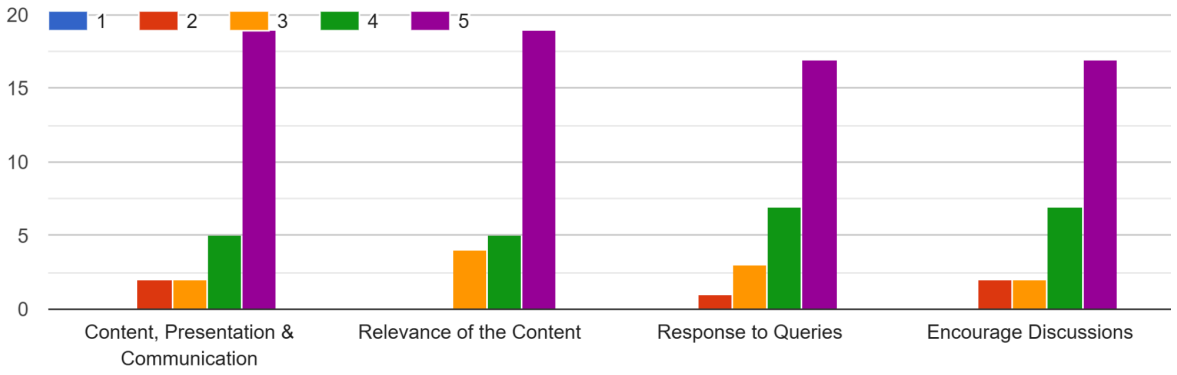
Facilitator Feedback: Dr. Rajesh Kamble

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



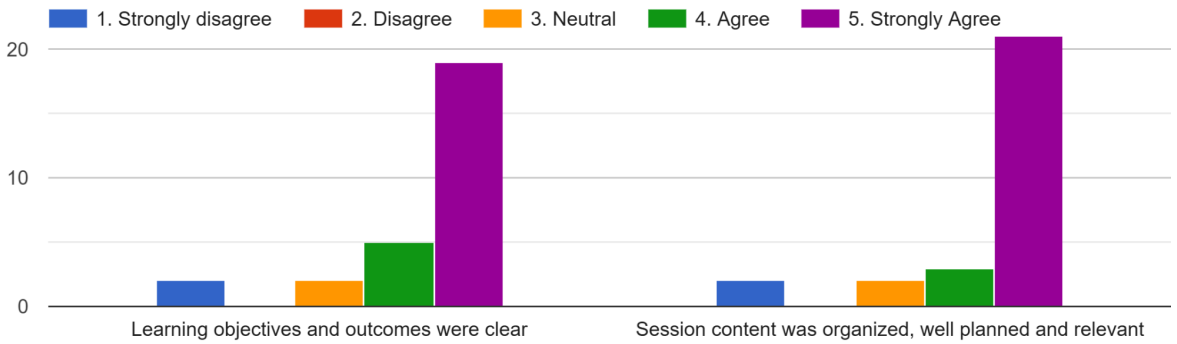
Facilitator Feedback: Dr. Padma Vankar

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



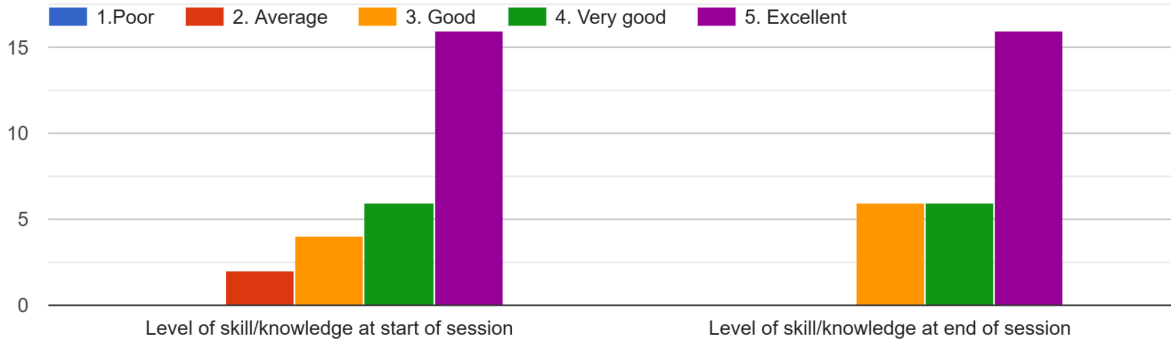
Session Content

Session Content (5 being the highest and 1 being the lowest)



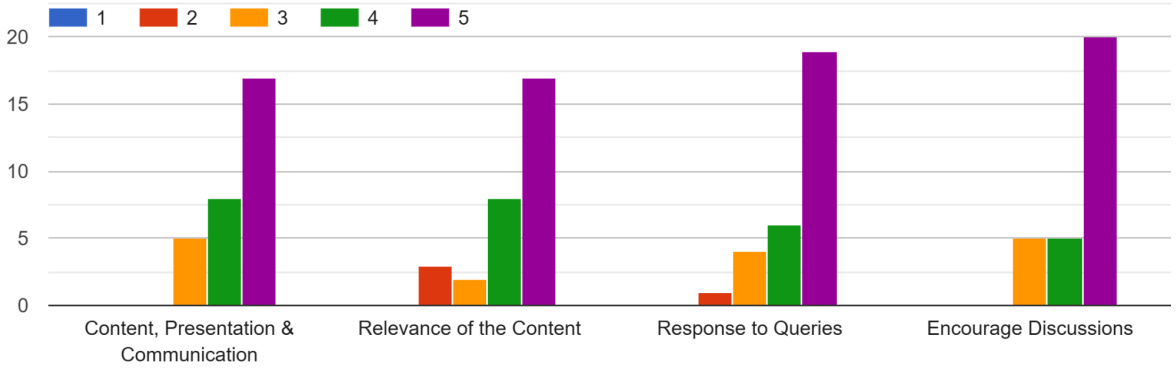
Learning Outcome

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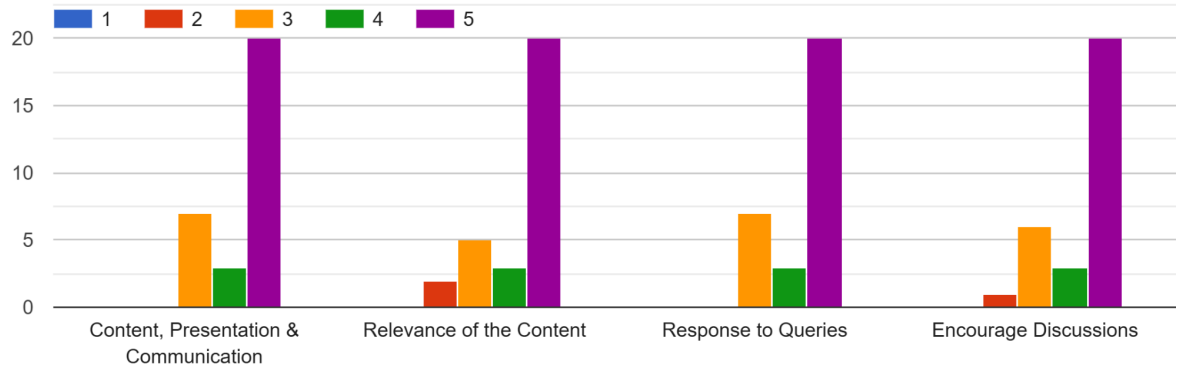
Day 2
Facilitator Feedback: Dr. Kulwant Singh

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



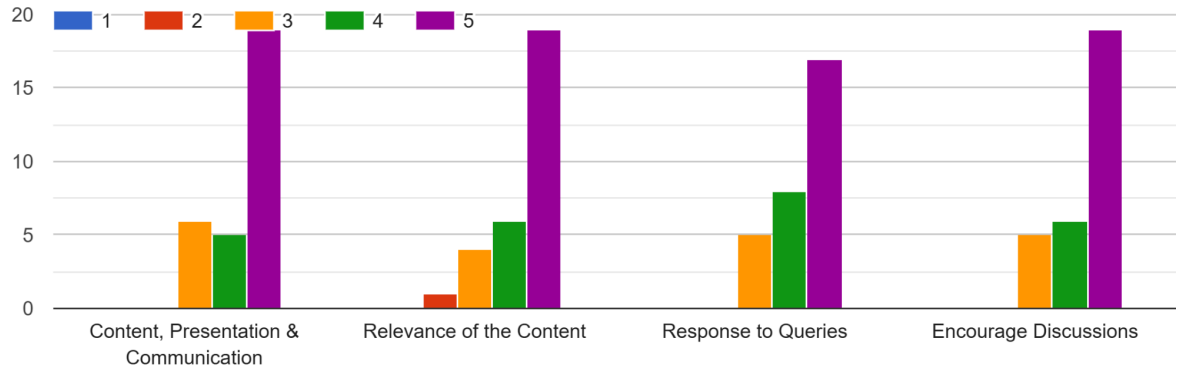
Facilitator Feedback: Dr. Suren Patwardhan

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



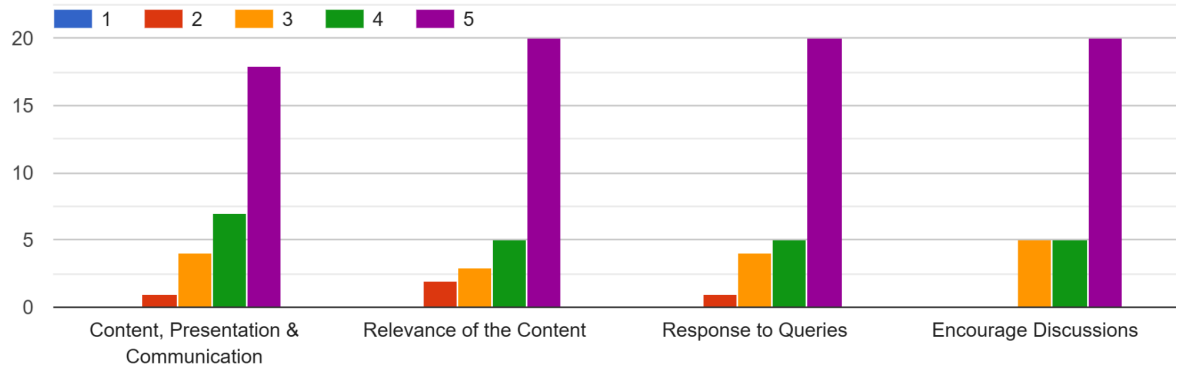
Facilitator Feedback: Dr. Sharad Lande

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



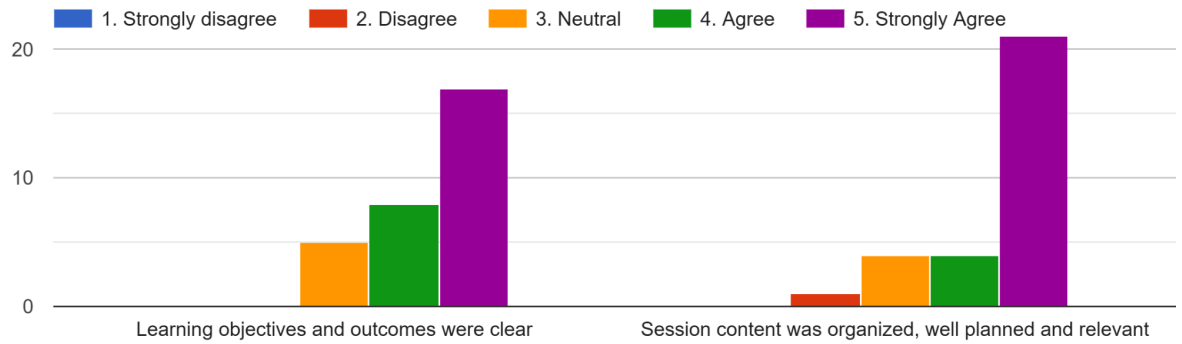
Facilitator Feedback: Dr. Dipti Gupta

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



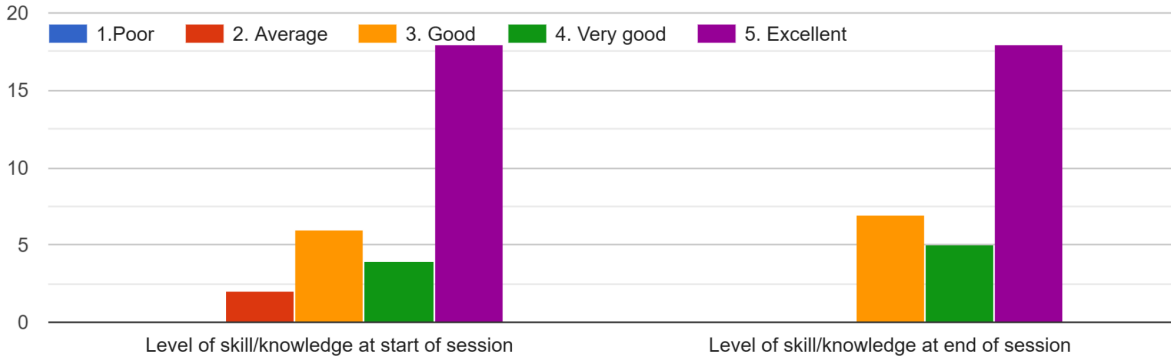
Session Content

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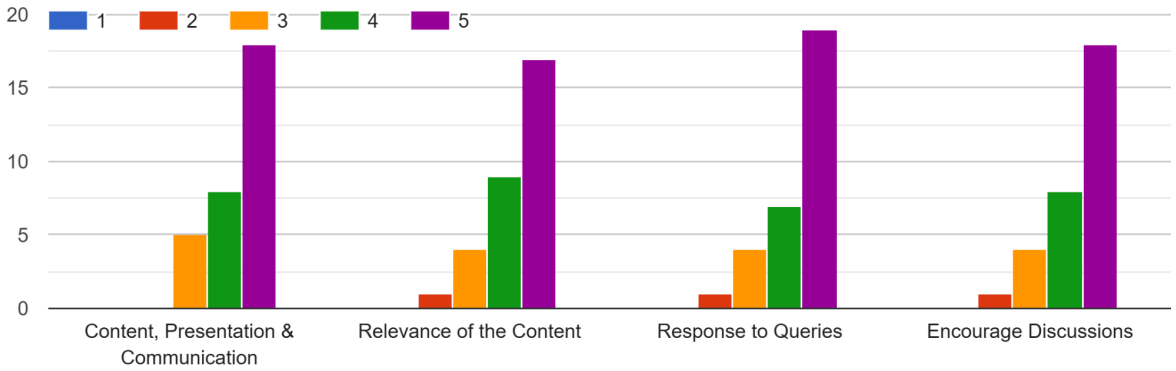
Learning Outcome

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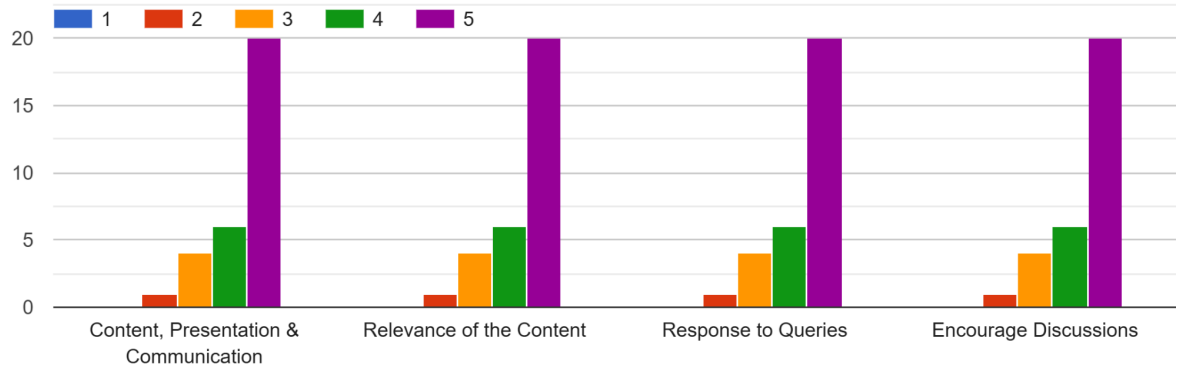
Day 3
Facilitator Feedback: Dr. Meenu Prasher

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



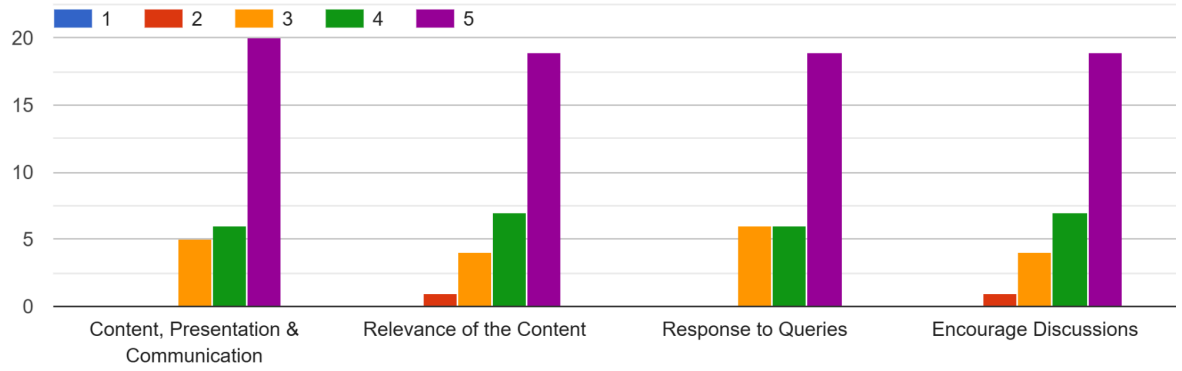
Facilitator Feedback: Dr. Rumu Banerjee

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



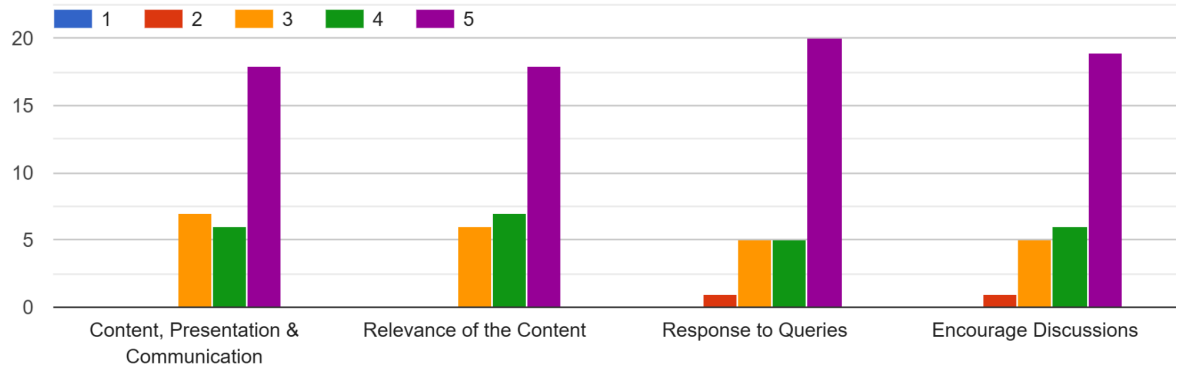
Facilitator Feedback: Dr. Pushpendra Rai

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



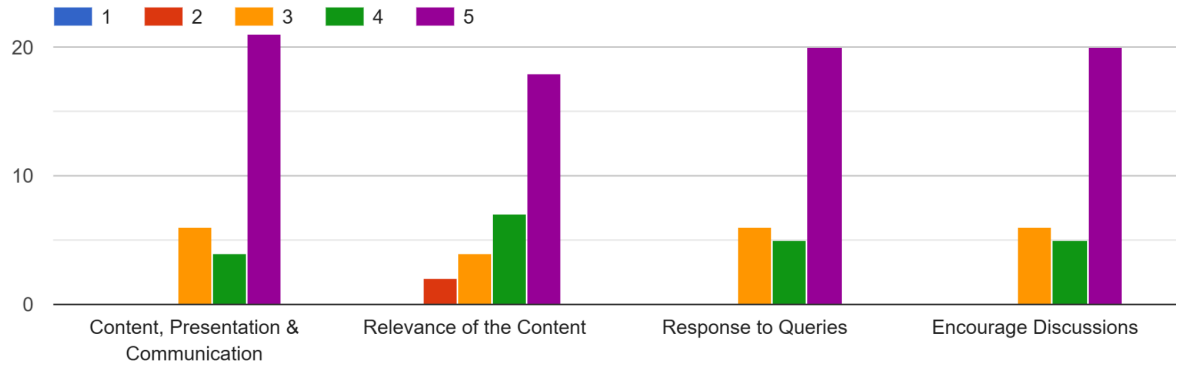
Facilitator Feedback: Dr. Jitendra Satam

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



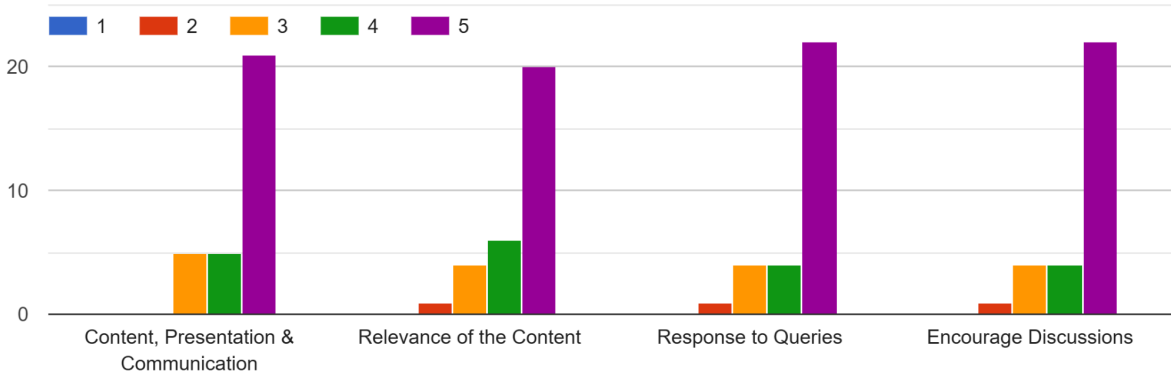
Facilitator Feedback: Dr. Santosh Mani

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



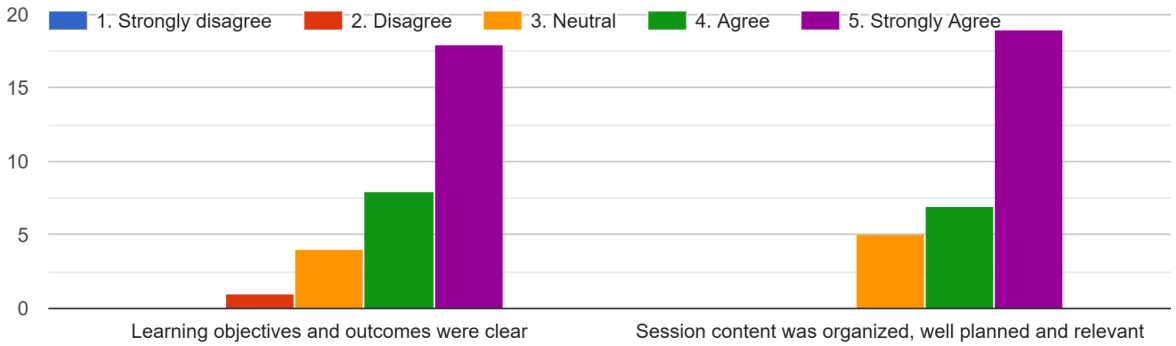
Facilitator Feedback: Dr. Archana Sharma

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



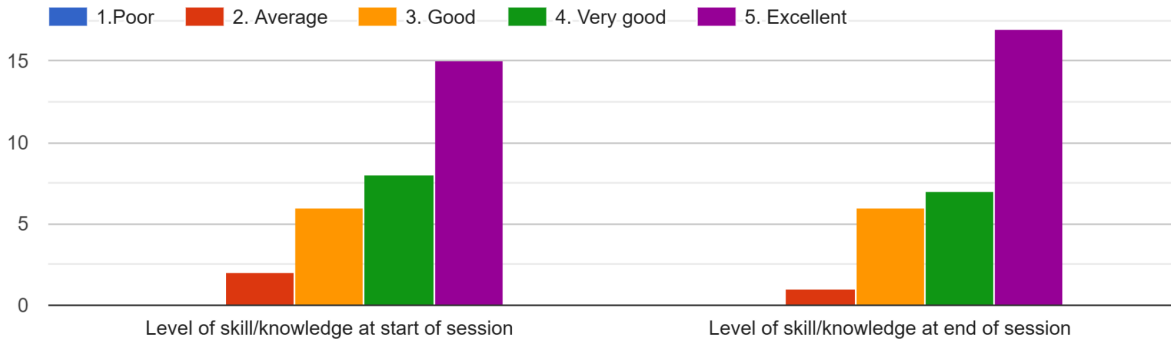
Session Content

Session Content (5 being the highest and 1 being the lowest)



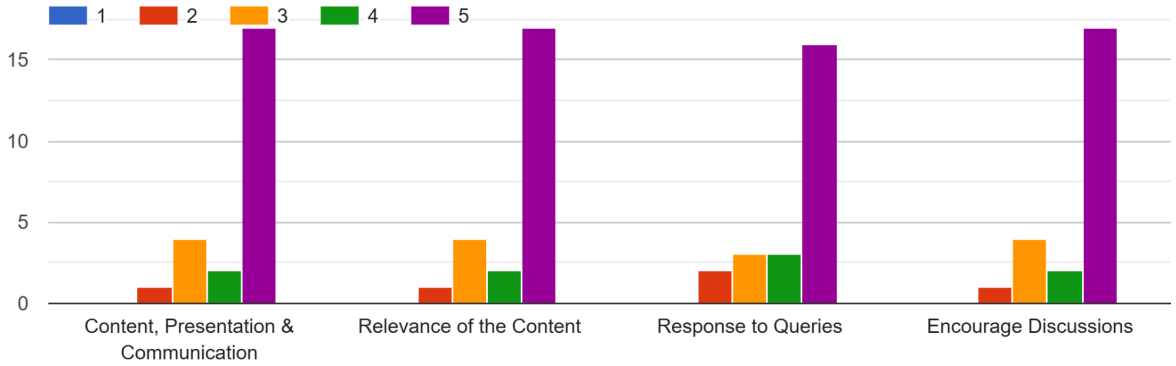
Learning Outcome

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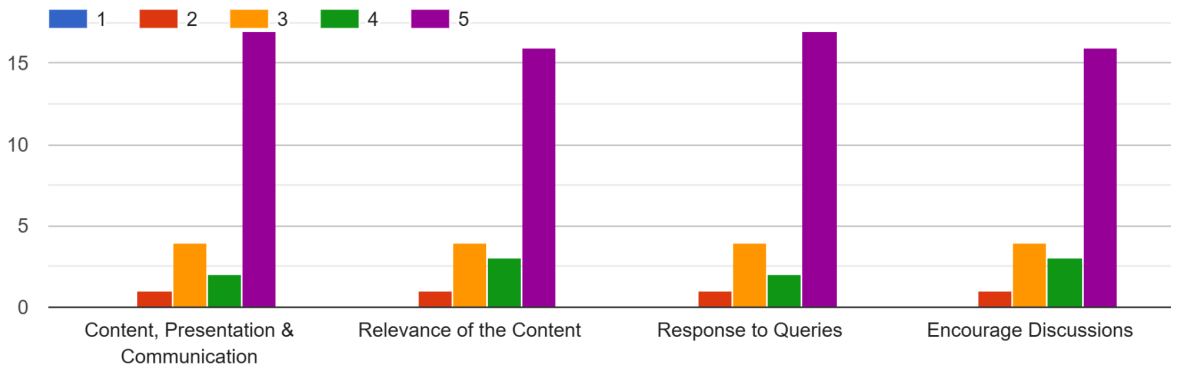
Day 4
Facilitator Feedback: Dr. Mandar Shirolkar

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



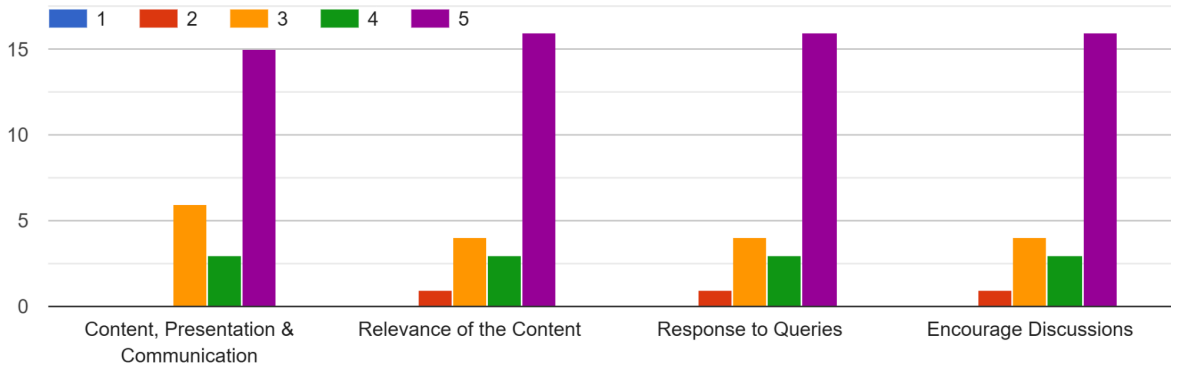
Facilitator Feedback: Dr. Ajay Kushwaha

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



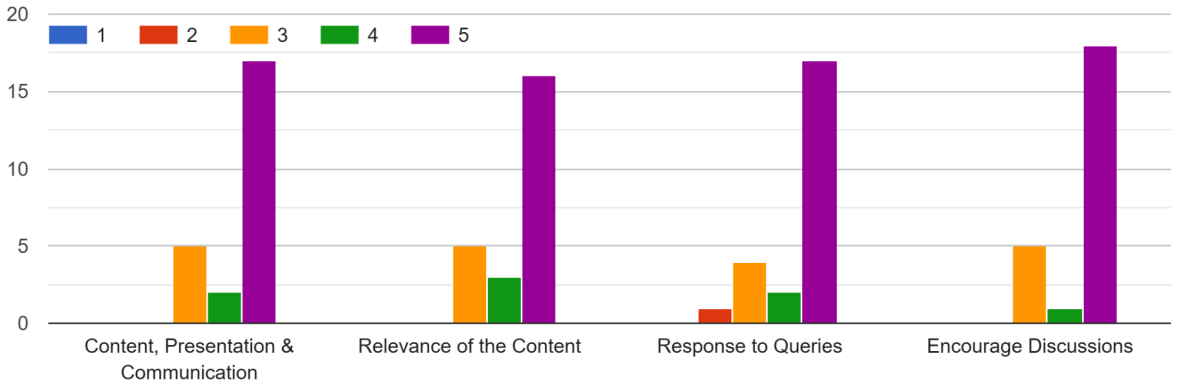
Facilitator Feedback: Dr. Luckman Muhmood

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



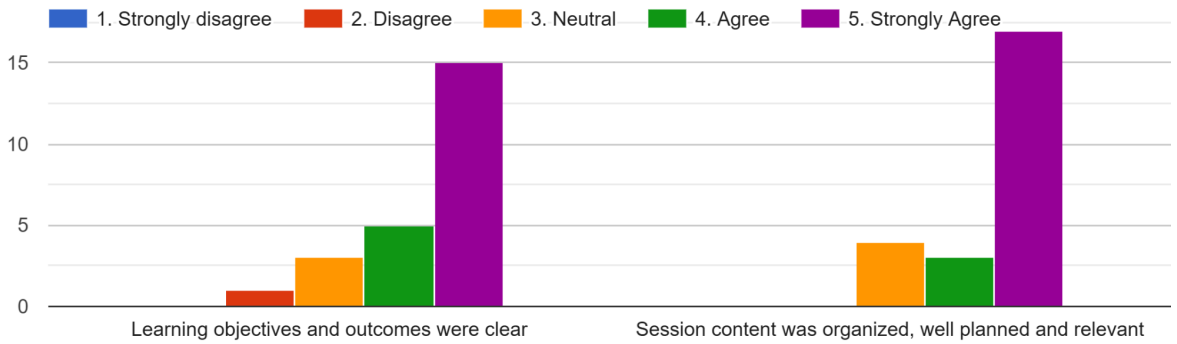
Facilitator Feedback: Dr. Nilesh Wagh

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



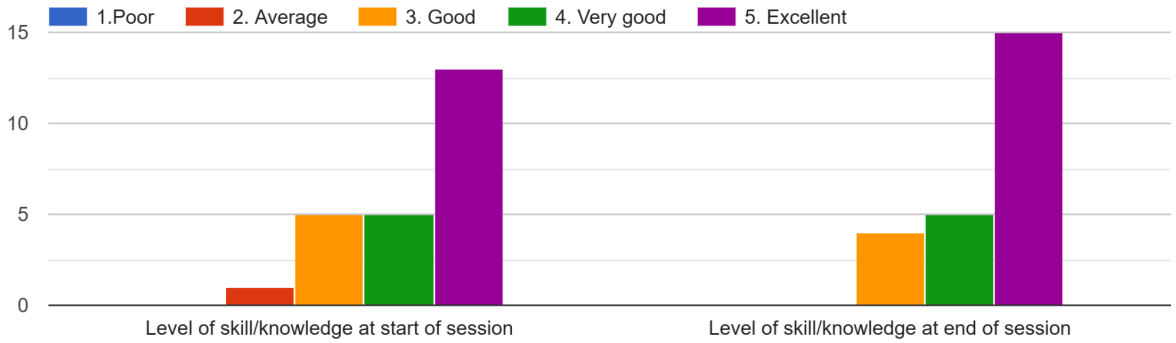
Session Content

Session Content (5 being the highest and 1 being the lowest)



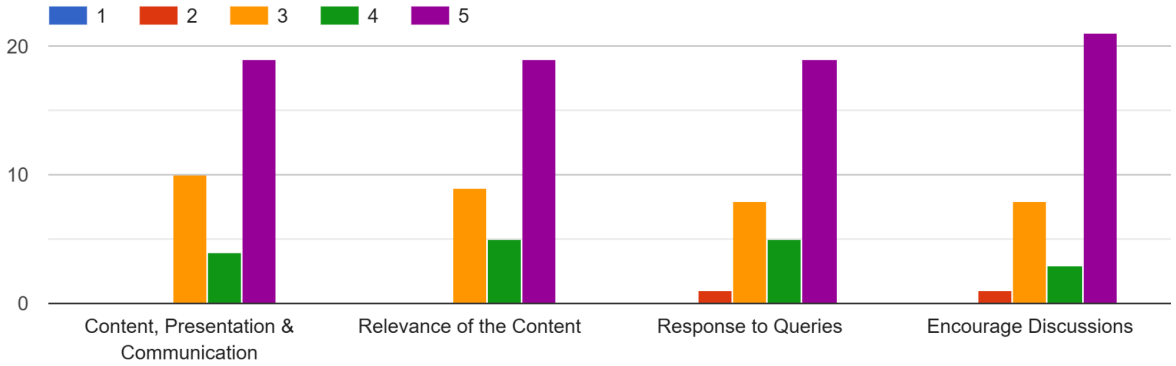
Learning Outcome

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



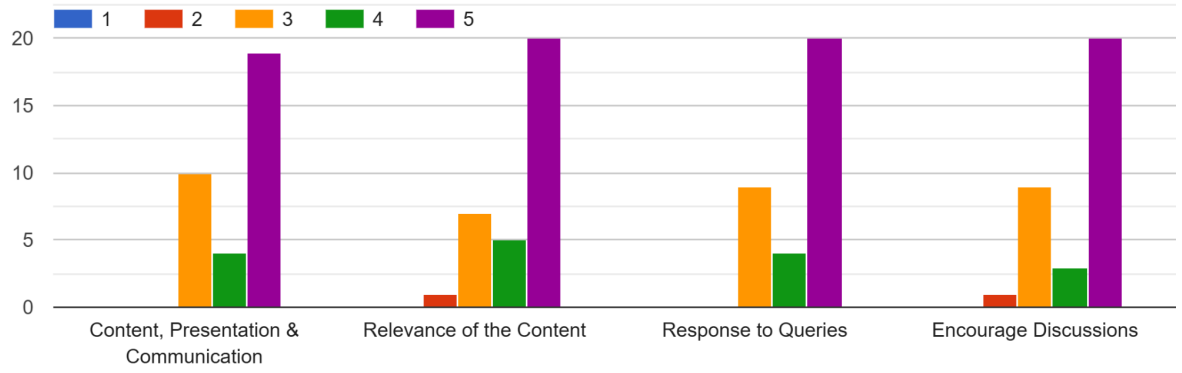
Day 5
Facilitator Feedback: Dr. Subhabrata Dhar

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



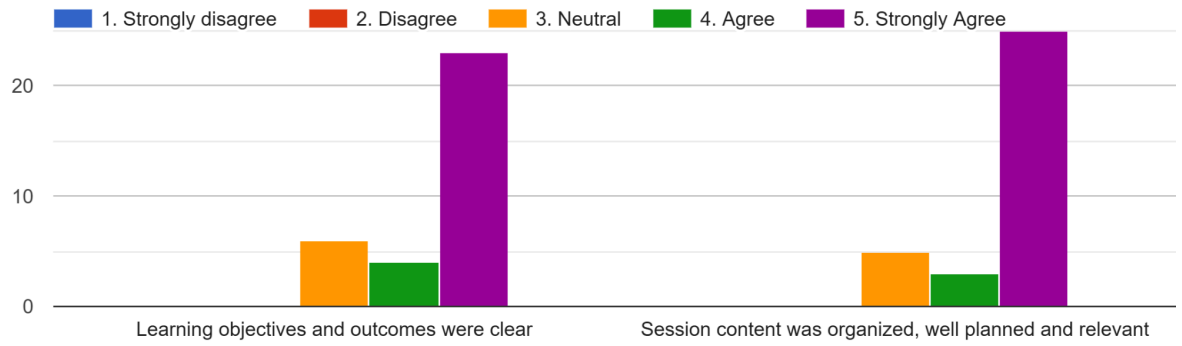
Facilitator Feedback: Dr. Pradip Sarawade

Please rate the facilitator on the following parameters (5 being the highest and 1 being the lowest)



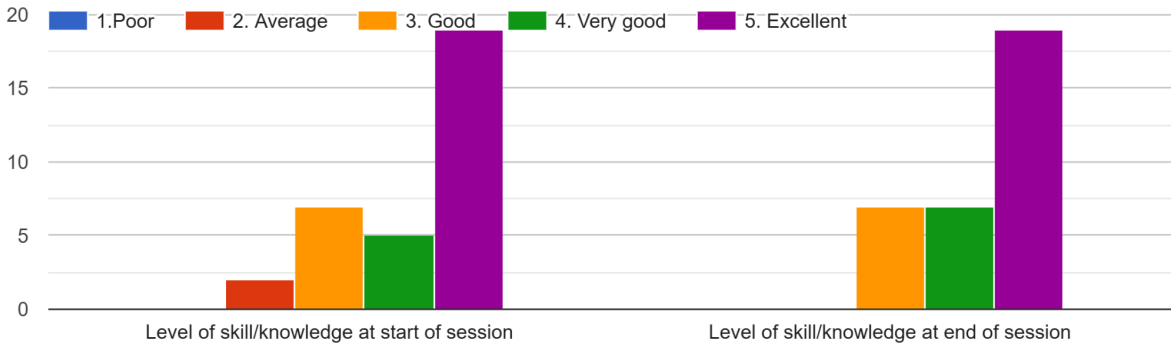
Session Content

Session Content (5 being the highest and 1 being the lowest)



Learning Outcome

Rate the program for the learning outcome on the parameters given below (5 being the highest and 1 being the lowest)



Poster for the FDP:



Faculty & Staff Development Centre

(AIU-SVU FSDC's AADC)

Report on FDP: Online Faculty Induction Programme

(GURU DAKSHTA)

Dated: 26th May – 23rd June, 2025

The UGC-Malaviya Mission Teacher Training Centre (UGC-MM TTC), housed at S.G.T.B. Khalsa College, University of Delhi, organized a One-Month Online Faculty Induction Programme (GURU DAKSHTA) under the aegis of the Ministry of Education, Government of India, and the University Grants Commission (UGC). This programme, aimed at empowering newly inducted faculty members with pedagogical skills, institutional values, and academic ethos, is a key initiative under the Guru Angad Dev Malaviya Mission Teacher Training Centre framework.

The programme was conducted entirely online through the Zoom platform, ensuring wide participation and accessibility across institutions. It was held in collaboration with renowned academic institutions including Somaiya Vidyavihar University, Mumbai; St. John's College, Agra (Affiliated to Dr. Bhimrao Ambedkar University); and Reena Mehta College of Arts, Science, Commerce & Management Studies, Mumbai.

Importantly, the Faculty and Staff Development Centre (FSDC) at Somaiya Vidyavihar University, Mumbai, played an active role in this collaborative effort, contributing to the shared objective of enhancing the quality of teaching and learning in higher education.

This report presents a comprehensive overview of the programme, summarizes key sessions and takeaways, and reflects on its overall impact on faculty professional development.

Dated: 26th May, 2025

Session 1: Empowering Educators for the 21st Century: Insights from Prof. (Dr.) A. K. Bakhshi (11.15AM - 12.45 PM)

As part of the One-Month Online Faculty Induction Programme (GURU DAKSHTA) organized by the UGC-Malaviya Mission Teacher Training Centre (UGC-MM TTC), a virtual session was conducted on *"Empowering Teachers for Challenges in Higher Education in the 21st Century."* The keynote speaker, Prof. (Dr.) A. K. Bakhshi, delivered an insightful talk on the evolving role of educators in today's academic landscape.

The session opened with a discussion on the National Education Policy (NEP) 2020, highlighting its vision of transforming India into a global knowledge leader. Prof. Bakhshi stressed the importance of research, innovation, and quality teaching in achieving this goal.

He identified key challenges in higher education, such as the changing job market, sustainability, and the need for 21st-century skills—critical thinking, creativity, communication, and collaboration. He emphasized adopting learner-centric methods like flipped classrooms and problem-based learning, and encouraged educators to embrace technology.

The speaker also offered personality development tips for teachers, including being proactive, managing time well, staying positive, and striving for excellence.

The session ended with an interactive Q&A, leaving participants motivated to adapt, grow, and contribute to a dynamic and future-ready education system.

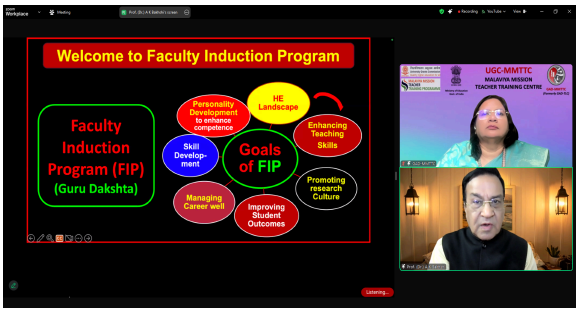


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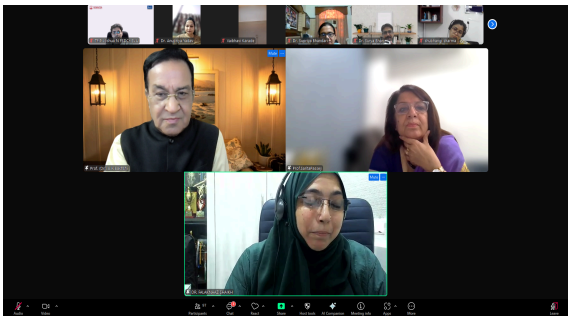


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Session 2: Introduction and Enrollment for Faculty Induction Program (2:00 - 4:00 PM):-

Prof. Vimal Rarh, introduced key details about the month-long training designed for faculty members seeking their first promotion. Spanning 4 weeks (144 hours), the FIP includes 10 modules covering teaching and academic development. Sessions run daily from 9:30 AM to 4:30 PM and feature lectures, hands-on activities, quizzes, and a micro-teach presentation.

Participants must maintain 100% attendance (video-on), complete all activities, and score at least 50% overall to earn certification. Assessment includes attendance (50 marks), activities (30), quizzes (40), and micro-teaching (80). Prof. Rarh also introduced tools like Mentimeter for interaction and emphasized the importance of daily feedback, desktop/laptop use, and submission of NOC and duty letters. The session concluded with participant introductions and a Q&A to clarify eligibility and program expectations.

Summarized Rubrics:

- Eligibility: Faculty members with first promotion due

- Duration: 4 weeks, 144 hours total
- Assessment: Attendance (50 marks), Activities (30 marks), Quiz (40 marks), Micro-teach presentation (80 marks)
- Passing criteria: Minimum 50% overall
- Daily schedule: 9:30 AM to 4:30 PM
- Mandatory video-on attendance
- Submission of NOC and duty letter required
- Hands-on sessions require desktop/laptop, not mobile devices
- Daily feedback submission necessary



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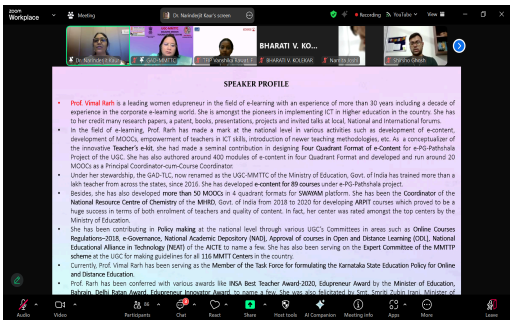


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Dated: 27th May, 2025

Session 1: Curriculum Development and Transaction (Prof. Ved Prakash) (9:30 AM -11:30 AM)

The session focused on curriculum development in higher education. Prof. Ved Prakash discussed the significance of curriculum, its various types (explicit, hidden, null), and approaches to development. He emphasized the importance of aligning curriculum with constitutional imperatives, societal needs, and student interests. The speaker highlighted the need for a dynamic curriculum that promotes critical thinking, creativity, and interdisciplinary learning. He also stressed the integration of ethics, values, and generic abilities into the curriculum. The session covered the aims of education, sources for curriculum development, and assessment methods. Participants raised concerns about time constraints, outdated syllabi, and the challenge of balancing theoretical and practical aspects. The discussion emphasized the need for collaborative efforts in curriculum design, involving faculty, industry experts, and other stakeholders. The importance of evidence-based policy interventions and continuous curriculum revision was also highlighted.

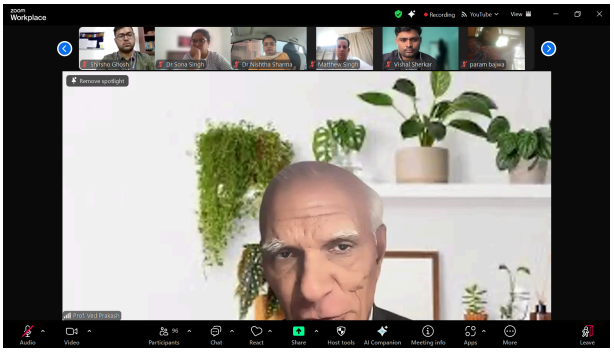


Image No: 429



Image No: 430

Session 2: Digital Transformation in higher education (Prof. AK Bakhshi) (11:15 AM - 12:45 PM)

Professor A.K. Bakhshi delivered a comprehensive session on digital transformation in higher education, focusing on e-content development and MOOCs. He discussed the evolution of technology in education, from traditional methods to the current online learning platforms. The session covered the basics of ICT, e-learning, and the development of MOOCs, highlighting their importance in expanding access to quality education. Prof. Bakhshi emphasized the role of artificial intelligence in creating personalized and adaptive learning experiences. He also addressed the challenges in developing high-quality e-content and the future of smart MOOCs. The session touched upon the changing roles of teachers in the digital age and the need for continuous learning and adaptation. Prof. Bakhshi concluded by discussing the potential impact of AI and robotics on the teaching profession, emphasizing that human teachers will always be needed for their unique abilities to provide empathy, motivation, and creativity in the classroom.





Session 3 (2:00 PM -4:00 PM) - Advanced Presentation Techniques for Interactive and Engaging Teaching

This session provided educators with a comprehensive overview of advanced presentation tools and techniques aimed at enhancing classroom engagement and teaching effectiveness. Key areas covered included:

- PowerPoint Mastery: Creating multiple lectures within a single file using sections, inserting and customizing images and videos from Pexels.com, using screen recording features, and implementing animations and transitions to create dynamic and interactive presentations.

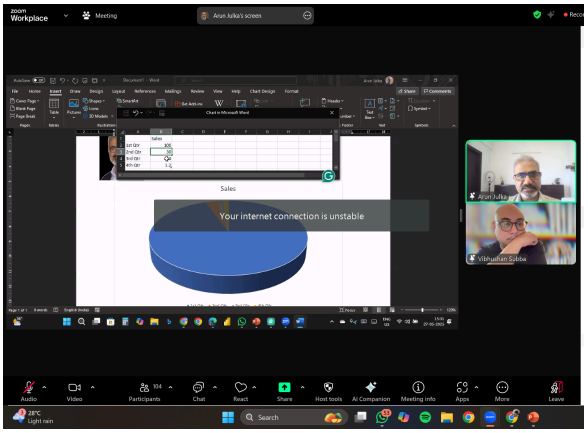
- Innovative Enhancements: Incorporating emojis, 3D models, and subtitle settings available in Microsoft 365 to support multilingual learners and add visual interest.

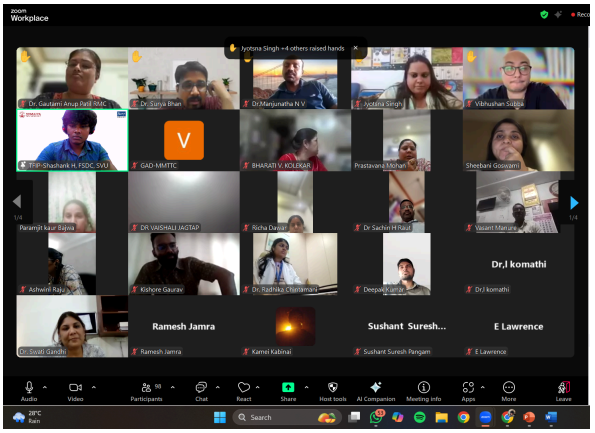
- Interactive Tools: Using the ClassPoint app to share presentations directly to students' phones, encouraging real-time participation and interaction.

- Creative Techniques: Designing engaging animations without relying on standard animation features and applying layout and design tips to improve slide aesthetics and clarity.

- Productivity Boosters: Introducing additional tools like Clipchamp for easy video editing and PowerToys for Windows to streamline tasks and boost teaching productivity.

Overall, the session equipped participants with practical skills and creative strategies to make presentations more engaging, inclusive, and effective in a modern classroom setting.

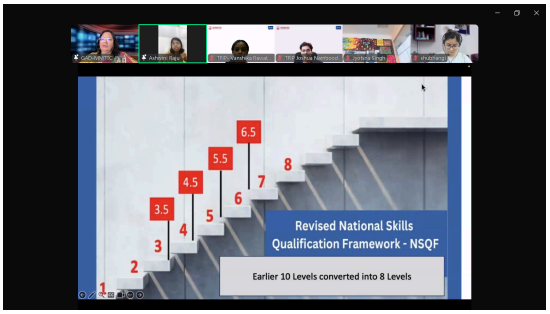


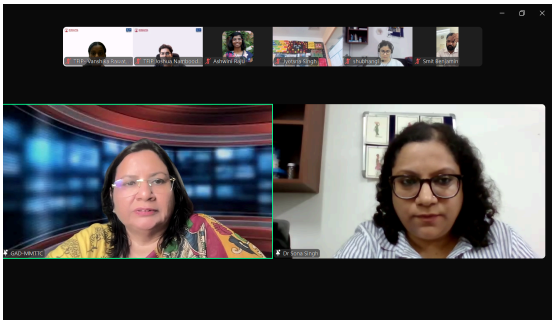


Dated: 28th May, 2025

Session 1: Curriculum Design and outcome based education (Prof. Vimal Rarh) (9:30 AM -11:00 AM)

The session focused on the implementation of the National Education Policy (NEP) and the National Credit Framework (NCrF) in higher education. Professor Vimala Ramachandran explained the concept of credit hours, emphasizing that one credit equals 30 notional learning hours. She discussed the importance of integrating curricular, co-curricular, and extracurricular activities into the credit system. The professor highlighted the need for a holistic approach to education, including skill-based courses and experiential learning. She explained that up to 50% of credits in undergraduate programs can come from skill-based courses. The session also covered the Standard Operating Procedures for implementing NCrF in higher education, vocational training, and school education. Participants raised questions about changing skill development courses, credit transfers between disciplines, and implementing add-on courses in rural colleges. The professor encouraged institutions to utilize their autonomy in offering short-term courses and community outreach programs.





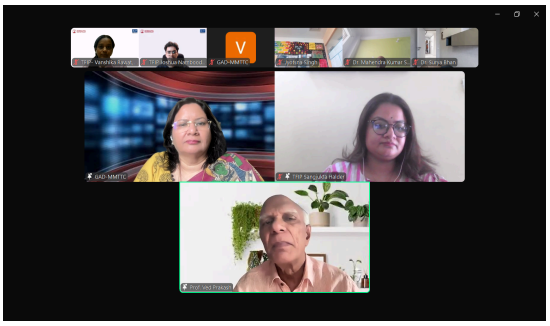
Session 2: Subject-Specific Benchmarking of LOs (Prof. Ved Prakash) (11:15 PM - 12:45 PM)

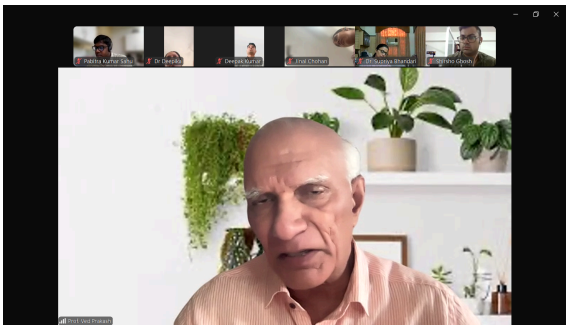
The session focused on subject-specific benchmarking of learning outcomes as a technique to narrow disparities in academic attainments. Professor Ved Prakash emphasized the importance of understanding why teachers are drawn to the profession and the need to anatomize teaching and learning.

He discussed the changing perception of teachers' roles and highlighted four basic realities of teaching. The professor stressed the importance of developing generic abilities often overlooked in conventional teaching methods. He outlined the aims of university education and explained why quality in education is discussed.

Professor Prakash introduced an 8-point matrix for subject-specific benchmarking, which includes selecting a topic, stating its purpose, outlining expected learning outcomes, specifying pedagogies, and assessment methods. He provided a practical example using plant tissue culture to demonstrate how this matrix can be applied.

The session concluded by emphasizing that while this technique may not completely eliminate disparities, it can significantly narrow them and improve overall teaching and learning quality.





Session 3: Leveraging Excel for Personal Finance: Practical Applications for Investment and Retirement Planning (Dr. Arun Julka) (2:00 PM - 4:00PM)

This meeting focused on teaching participants how to use Excel for personal financial planning and decision-making. The instructor, Arun Julka, demonstrated various Excel functions and formulas to calculate future values of investments, loan EMIs, and retirement planning.

Key topics covered included:

1.Using the Rule of 72 to estimate investment doubling time

2.Calculating future values of investments using Excel's FV function

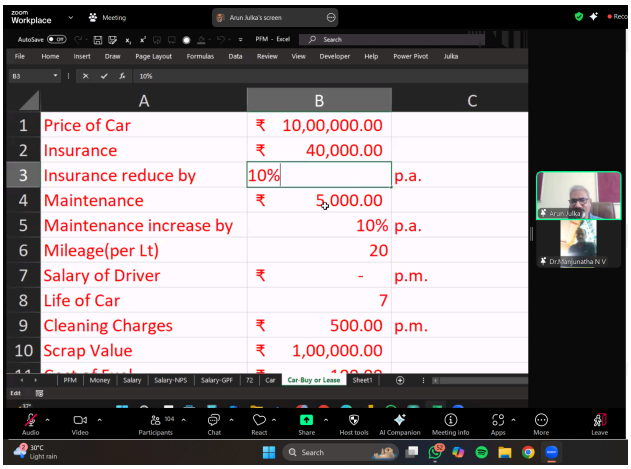
3.Creating data tables to compare different investment scenarios

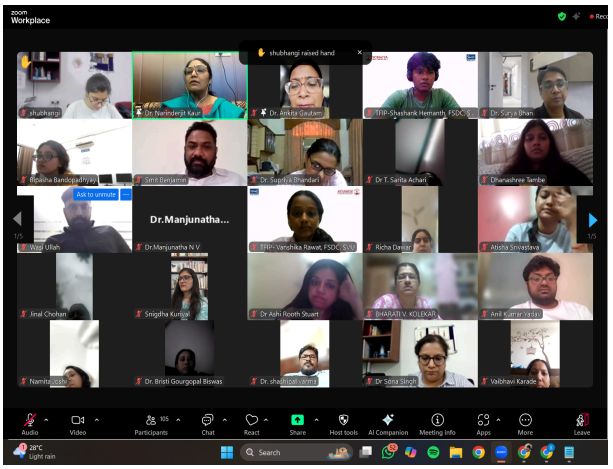
4.Analyzing car ownership costs and loan options

5.Exploring retirement planning using Excel templates

The instructor emphasized the importance of using Excel for personal finance decisions, such as choosing between fixed deposits and mutual funds, evaluating loan options for home purchases, and planning for retirement. He also discussed the benefits of investing in ETFs over traditional mutual funds.

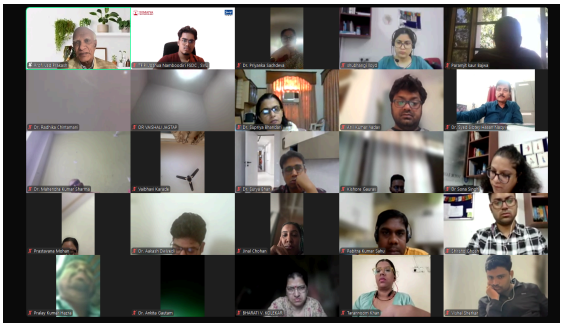
Throughout the session, participants shared their screens and worked through examples with the instructor's guidance. The meeting aimed to show how Excel can be a powerful tool for financial planning and decision-making in everyday life, especially for newly appointed faculty members.

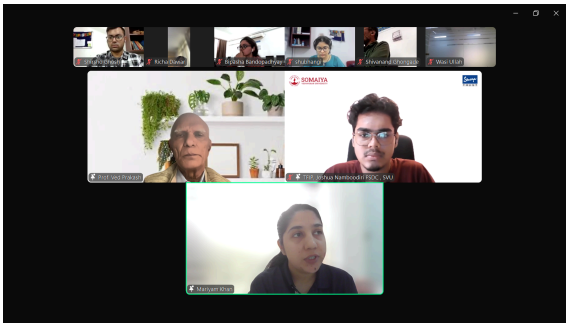




Dated: 29th May, 2025

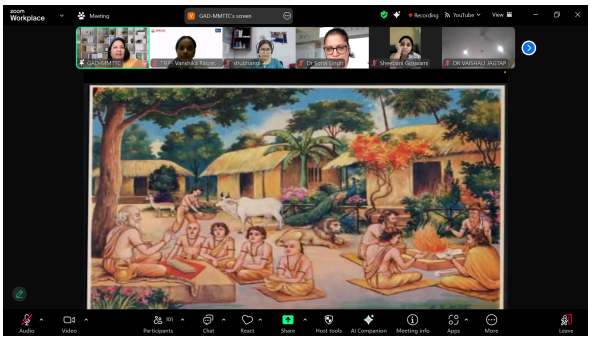
Session 1: Examination & Evaluation (Prof. Ved Prakash) (9:30 AM - 11:00 AM) Professor Ved Prakash's session focused on examinations and evaluation in education. He emphasized the importance of continuous and comprehensive evaluation, criterion-based grading, and learning outcome-based assessment as outlined in the National Education Policy 2020. He discussed the historical development of examinations, different types of tests, and the distinctions between measurement and evaluation. Prof. Prakash highlighted the limitations of the numerical marking system and advocated for a shift to grading systems. He explained various scales of measurement and their applications in educational assessment. The session also covered the challenges in combining scores across disciplines and the need for balanced question papers. Prof. Prakash stressed the importance of maintaining credibility in examinations and addressed issues related to entrance exams and board examinations. He concluded by emphasizing the need for a holistic approach to student assessment that considers both cognitive and non-cognitive learning outcomes

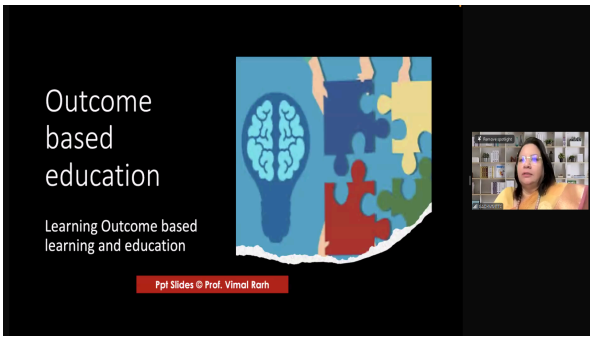




Session 2: Outcome Based Education & Teaching- Learning Pedagogies (Prof. Vimal Rarh) (11:20 AM - 12:45 PM)

In an insightful session on Outcome-Based Education and Teaching-Learning Pedagogies, Prof. Vimal Rarh emphasized the shift from traditional, teacher-centric methods to more learner-centric approaches. She highlighted the critical role of technology integration in modern classrooms and introduced the flipped classroom model as a powerful strategy to enhance student engagement. The session stressed the importance of continuous formative assessment and experiential learning to foster deeper understanding. Prof. Rarh underlined the need to develop higher-order thinking skills and to align curriculum, pedagogy, and assessment with clearly defined learning outcomes. She acknowledged the challenges in adopting new pedagogies but provided practical strategies for overcoming resistance and adapting to change. The session also showcased the value of e-content and digital tools in enriching the learning environment. Overall, educators were encouraged to reflect on and evolve their teaching practices to better meet the needs of 21st-century learners and enhance educational effectiveness.





Session 3: Advanced Microsoft Word Techniques for Academic Writing and Collaboration(Dr. Arun Julka)(2:00 - 4:00)

This session covered various advanced features of Microsoft Word, focusing on tools useful for academic writing and collaborative work. Key topics included:

1.Using Canva for creating Word documents with easy formatting

2.Creating and managing table of contents, headings, and subheadings

3.Inserting and formatting tables, figures, and charts

4.Managing citations, bibliographies, and footnotes

5.Using section breaks to change page orientations within a document

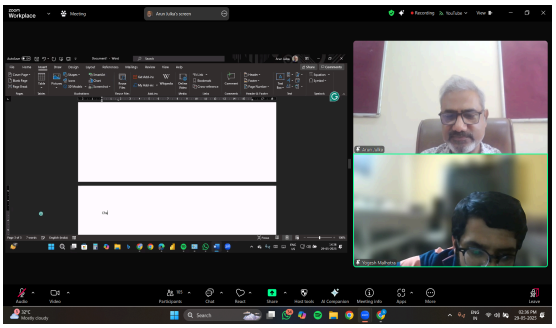
6.Customizing page numbers and headers/footers for different sections

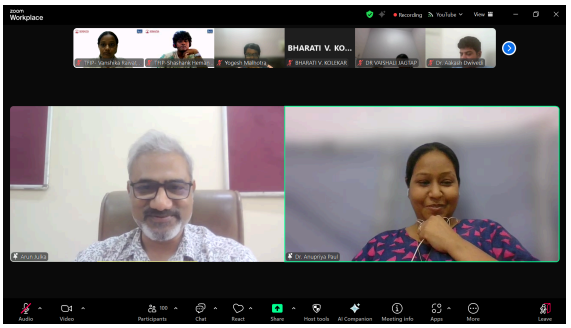
7.Protecting documents with passwords

8.Collaborative writing using Google Docs

9.Translation and dictation features in Microsoft 365

The session also included a hands-on activity where participants collaborated on a shared Google Doc to create multiple-choice questions. The instructor emphasized that these tools can significantly streamline the process of writing academic papers, books, and creating question banks.

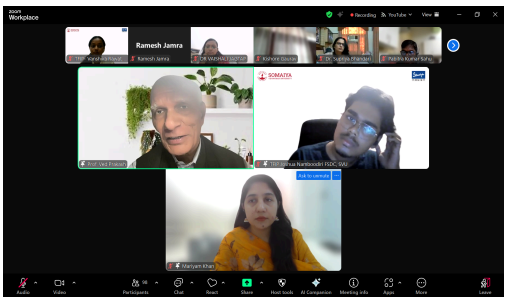


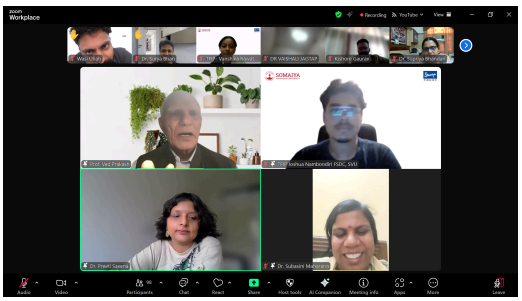


Dated: 30th May, 2025

Session 1: Framing quality questions (Prof. Ved Prakash) (9:30 AM - 11:00 AM)

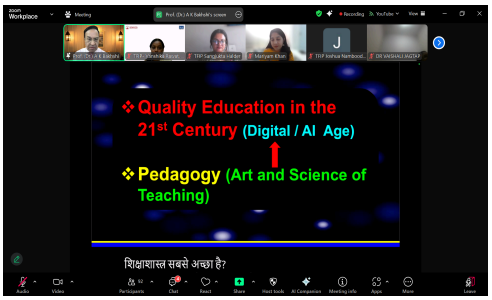
Prof. Ved Prakash delivered an insightful session on developing quality question papers. He emphasized the importance of understanding the purpose of examinations and creating a balanced design. The professor discussed various aspects of question paper setting, including philosophical, sociological, psychological, scientific, pedagogical, and ecological bases. He stressed the need for reliability, validity, and usability in test papers. Prof. Prakash explained the three facets of a good question: content, objective, and type. He highlighted the characteristics of effective questions and provided steps for writing them. The session covered different types of questions, including multiple-choice and supply-type questions. Prof. Prakash also addressed the importance of creating question banks with known parameters and discussed the potential impact of artificial intelligence on assessment. The session concluded with a discussion on reservation policies and educational equity.

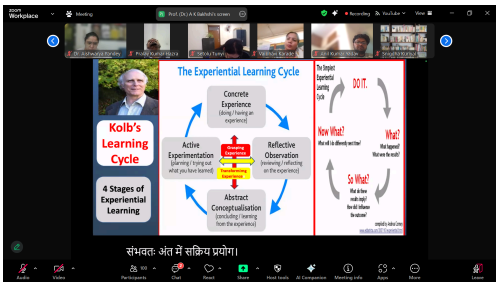




Session 2: Innovative Learner-centric Pedagogy for Quality Education in the Digital Age including Flipped Classroom Model (Prof. A.K Bakhshi) (11:15 AM - 12:45 PM)

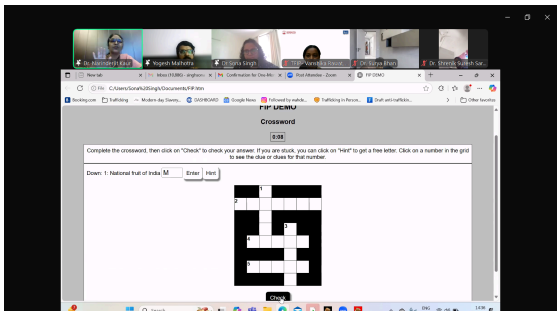
This session focused on innovative pedagogy for quality education in the 21st century, emphasizing learner-centric methods. Professor Bakhshi discussed the importance of knowledge, skills, and values in education, highlighting the need for interdisciplinary learning. He explained various learner-centric approaches, including experiential learning, ICT-empowered methods, and the flipped classroom model. The session covered the benefits of these approaches in developing critical thinking, creativity, and problem-solving skills. Professor Bakhshi also provided practical tips for transitioning from teacher-centric to learner-centric pedagogy, such as starting with small changes and incorporating active learning techniques. He stressed the importance of teacher competence in implementing these methods effectively. The session concluded with a discussion on the challenges and opportunities of using technology in education, emphasizing the need for balance to maintain critical thinking skills.

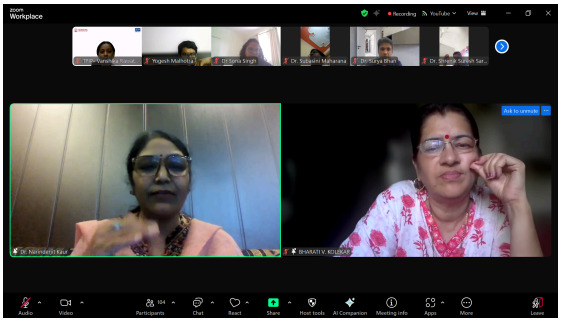




Session 3: Hands-on session- Hot Potatoes (Dr. Narinderjit Kaur) (2:00 PM - 4:00 PM)

Dr. Narinderjit Kaur conducted an interactive session on using Hot Potatoes, a free software for creating educational exercises. She demonstrated how to create crosswords, matching exercises, and fill-in-the-blanks activities using different components of Hot Potatoes like JCross, JMatch, and JCloze. The session covered steps for creating exercises, adding clues, setting timers, and generating web-based versions for students. Participants learned to create both simple and drag-and-drop matching exercises. Dr. Kaur also addressed queries about sharing exercises with students and evaluating responses. The session concluded with a brief introduction to creating quizzes and MCQs using JQuiz. Dr. Kaur addresses various technical issues. The session concludes with information about uploading assignments to the e-class platform and resolving login issues.

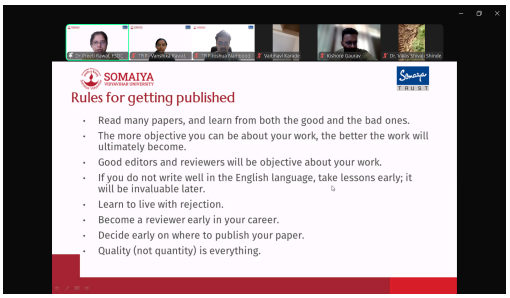


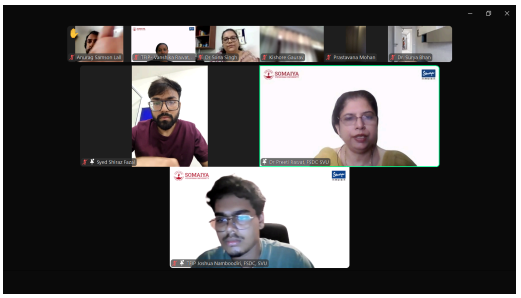


Dated: 31st May, 2025

Session 1: Publishing in Top Journals (Dr. Preeti Rawat) (9:30 AM - 11:00 Am)

Dr. Preeti Rawat's session focused on academic publishing and research ethics. She emphasized the importance of publishing in reputable, Scopus-indexed journals, particularly those in Quartiles 1 and 2. Dr. Rawat warned against predatory journals, highlighting their lack of peer review and fake impact factors. She advised researchers to carefully check journal authenticity before submitting work. The session covered the structure of research papers, emphasizing the crucial role of the introduction as a "hook" for readers and editors. Dr. Rawat discussed various tools for finding appropriate journals and addressed concerns about publication timelines. She encouraged early-career researchers to start publishing during their PhD journey, not waiting until the end. The session also touched on open access publishing, research metrics, and the importance of following journal guidelines. Throughout, Dr. Rawat stressed the significance of publishing in high-quality journals for academic recognition and career advancement.

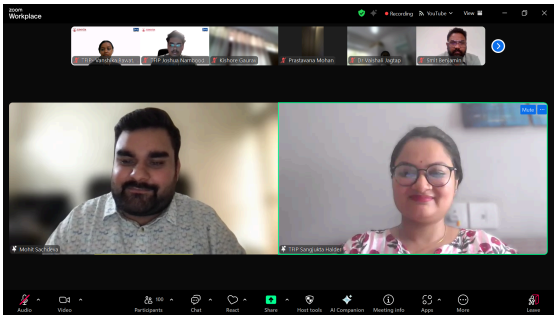


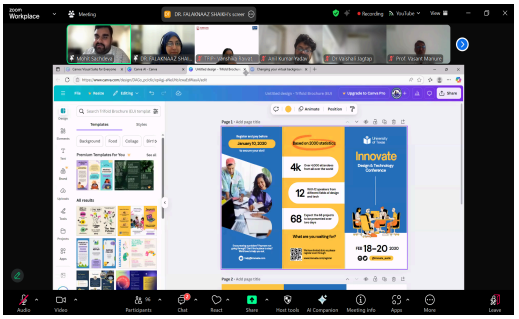


Session 2: Graphic Designing Tool- Canva (Mr. Mohit Sachdeva) (11:15 AM - 12:45 PM)

The second session of the training program focused on graphic designing using Canva, led by Mr. Mohit Sachdeva. Participants were introduced to both the free and paid versions of Canva, followed by a discussion on eight basic principles of graphic design: proportion, balance, contrast, rhythm, unity, harmony, emphasis, and layout. In an engaging hands-on

session, participants created brochures while exploring Canva's features such as importing templates, editing text and images, using shapes, elements, frames, grids, and creating mockups. The session also covered tips on choosing free vs. paid elements, customizing colors, adjusting images in frames, and saving/exporting designs. It was highly interactive, with participants sharing their screens, demonstrating their work, and receiving real-time feedback. Questions were addressed throughout, ensuring an inclusive and supportive learning environment. The session effectively combined theoretical concepts with practical application, enhancing participants' design skills and confidence in using Canva for

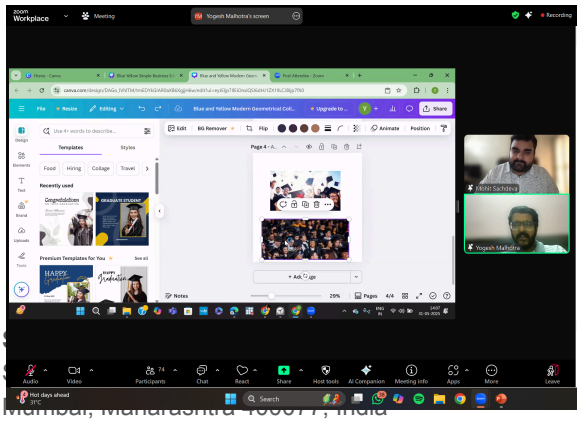


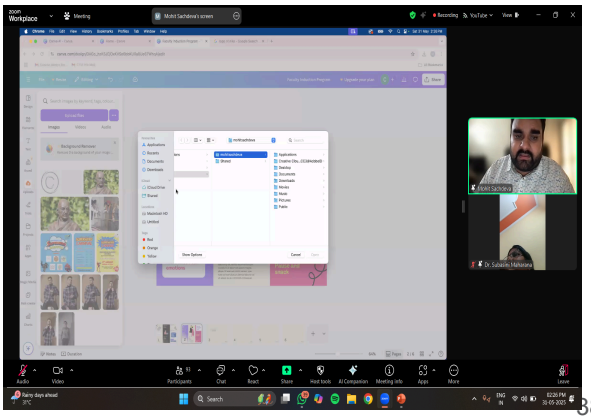


educational and professional purposes.

Session 3: Graphic Designing Tool- Canva - 2 (Mr. Mohit Sachdeva)
(2:00 PM - 3:30 PM)

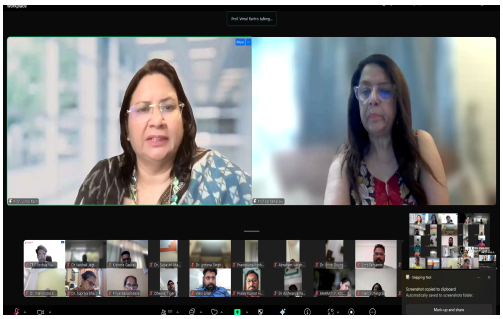
The session covered various aspects of using Canva for educational purposes. Mohit Sachdeva demonstrated how to create presentations, add animations, embed videos, and utilize Canva's new quiz feature. He explained how to share presentations in different formats and collaborate with others. The session also touched on Canva's recently introduced course creation feature, which allows educators to organize their teaching materials. Participants learned about creating tables, sheets, and using templates for project management. Mohit addressed questions about language support and font installation in Canva. The session concluded with a discussion on how to upload custom fonts and use different languages in Canva designs. Overall, the session provided a comprehensive overview of Canva's features and their applications in educational settings.

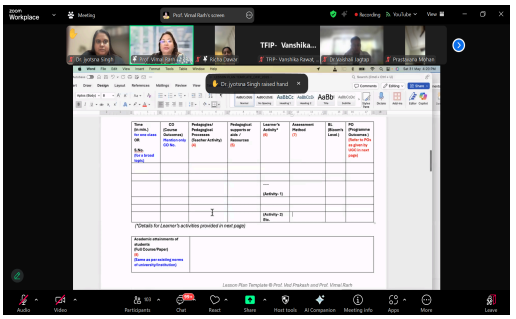




Session 4: Lesson Plan & Micro Teach Presentations (Prof. Vimal Rarh & Prof. Sarita Passey) (3:30 PM - 4:30 PM)

The second session focused on explaining the development of lesson plans and micro-teach presentations for the faculty induction program. Professors Vimal Rarh and Sarita Passey discussed the importance of these components and provided a detailed template for creating lesson plans aligned with outcome-based education. They emphasized selecting a specific topic or unit from a course and outlined key elements to include, such as purpose, learning outcomes, pedagogies, and assessment methods. The session stressed the importance of integrating both subject-specific and generic learning outcomes, as well as mapping activities to program outcomes. Participants were guided on how to fill out the lesson plan template, including time allocation, course outcomes, pedagogical processes, resources needed, learner activities, and assessment methods. The professors encouraged participants to focus on creating learner-centric activities and assessments that align with course and program outcomes, emphasizing the importance of this approach in modern teaching practices.

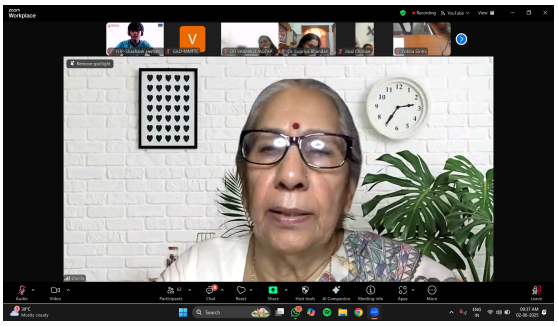




Dated: 2nd June, 2025

Session 1: Integrating Depth in Modern Pedagogy: Challenges and Solutions(Dr.Shimla)(9:30 am - 11:00 am)

The speaker, Dr. Shimla , expresses concern about the impact of modern technology like ChatGPT on students' ability to engage with deep, meaningful content. She notes that students are losing touch with depth in their learning. Dr. Shimla asks for suggestions on how to incorporate wisdom and depth into teaching methods, adapting pedagogy to address this issue. Shimla also talked about- Swami Vivekanand and his teaching, Rig veda, and how the gurukul system used to function in ancient India. The session then went on to ask questions from participants. To which the participants had wonderful and unique questions.





Session 2: Examination Reforms in Higher Education: Integrating Modern Assessment Techniques with Bloom's Taxonomy(11:15 am - 12:45 pm)(Dr. A K Bakhshi)

The session, led by Prof. (Dr.) A K Bakhshi, focused on the need for examination reforms in higher education in India. Key points discussed include:

The importance of assessment and evaluation in education systems

Challenges in India's current examination system, including overemphasis on rote learning

The need to align assessments with revised Bloom's Taxonomy

Designing effective Multiple Choice Questions (MCQs) and short answer questions

Integrating technology in assessment, including AI and digital tools

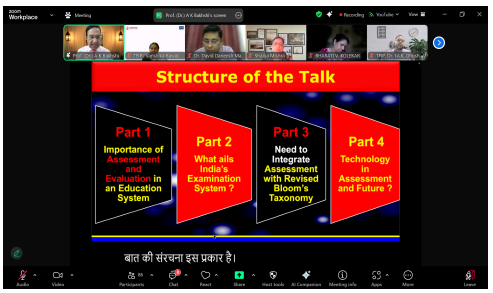
The concept of Bloom's Digital Taxonomy

Barriers to implementing examination reforms in India

Strategies for transforming the culture of assessment, including curriculum modernization and teacher training

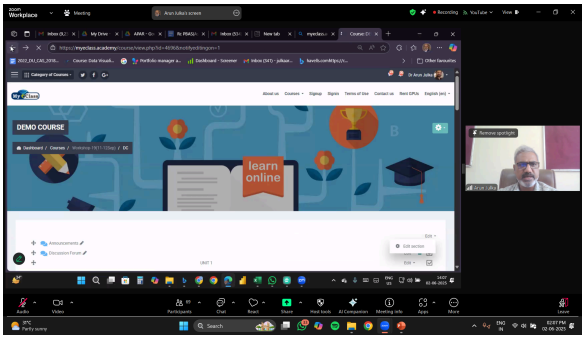
The speaker emphasized the importance of shifting from rote learning to conceptual understanding, incorporating practical skills, and using technology to personalize assessments. He also stressed the need for competency-based assessment that evaluates knowledge, skills, and attitudes. The session concluded by highlighting the crucial role of teacher competence and regular professional training in successfully implementing examination reforms.

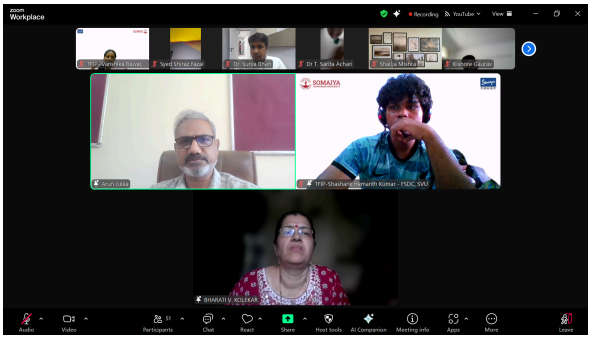




Session 3: Introduction to Learning Management Systems (LMS) and Online Course Creation(2:00 - 4:30)(Dr. Arun Julka)

This lecture provides an introduction to Learning Management Systems (LMS) and demonstrates how to create and manage online courses. The session begins with instructions on enrolling in a demo course using the my class platform. The instructor guides participants through various LMS features, including attendance tracking, quiz creation, and assignment submission. The lecture showcases the versatility of LMS by demonstrating how to create different types of assessments, such as multiple-choice quizzes and open-ended assignments. It emphasizes the importance of setting clear learning objectives and using various tools like opinion polls to engage students before diving into course content. The instructor also explains how to organize course materials by topics or weeks, upload lecture notes and videos, and create interactive elements like crosswords. The session highlights the benefits of LMS for both teachers and students, such as easy grading, immediate feedback, and the ability to track student progress. Throughout the lecture, participants are encouraged to actively engage with the platform, attempting quizzes and submitting assignments to understand the student perspective. The session concludes with a task for attendees to create their own courses incorporating all the elements discussed, including learning outcomes, opinion polls, lectures, assignments, quizzes, and relevant videos.



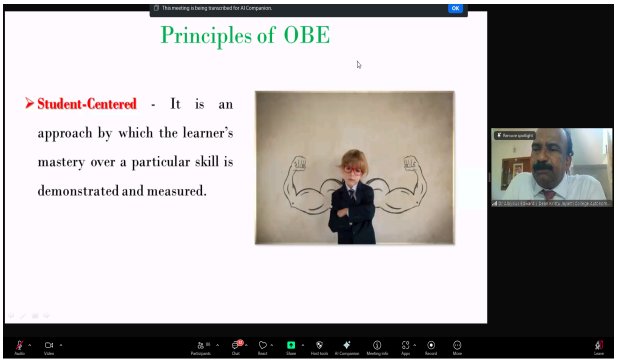


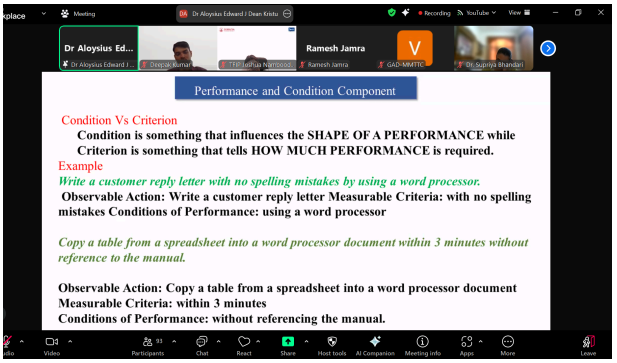
Dated: 3rd June, 2025

Session 1: CO-PO mapping, Dr. Aloysius Edward J. (9:30 am - 11:00 am)

The session focused on outcome-based education (OBE) and its implementation in higher education. Dr. Aloysius Edward J Dean discussed the principles of OBE, emphasizing student-centered learning and measurable outcomes. He explained the hierarchy of outcomes, from vision and mission statements to program educational objectives, program outcomes, and course outcomes. The importance of mapping these outcomes was stressed, with examples provided on how to align course outcomes with program outcomes. Dr. Aloysius

also covered assessment methods, both direct and indirect, and the process of calculating attainment levels. He emphasized the need for institutions to develop their own OBE policies tailored to their unique contexts. The session concluded with a discussion on cross-cutting issues and domain-related vs. domain-unrelated skills in defining program outcomes. Overall, the presentation provided a comprehensive overview of OBE implementation in higher

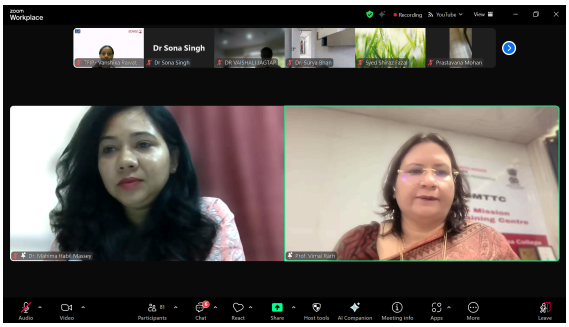


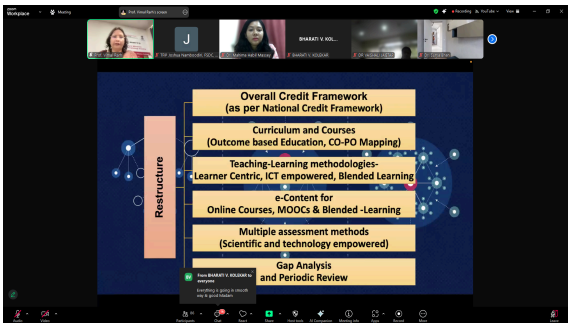


education institutions.

Session 2: Assessment for Outcome Based Education, (Prof. Vimal Rarh) (11:15 AM-12:45 PM)

Professor Vimal Rarh's session focused on innovative assessment methods in higher education, emphasizing the need to move beyond traditional approaches. She discussed the importance of aligning assessments with learning outcomes and using diverse methods like projects, presentations, and portfolios. The session covered the use of rubrics for objective evaluation and the integration of technology in assessments, including online proctoring tools and AI-powered systems. Prof. Rarh highlighted the significance of constructive feedback and the use of digital tools like Google Forms, Kahoot, and AI platforms for creating and grading assessments. She emphasized the need for higher-order thinking skills questions and the importance of real-life application in assessments. The session also touched upon the ethical use of AI in education, the importance of academic integrity, and the need for teachers to adapt to new technologies while maintaining a human touch in teaching and assessment processes.





Session 3: Resolving Enrollment Technical Glitch, Dr. Arun Julka (02:00- 04:30 PM)

This meeting, titled "OFIP-003," focused on technical issues and the creation of a question bank in an online learning platform. Here's a summary of the key points:

Several participants experienced technical difficulties enrolling in the course, which could only be resolved by TLC personnel.

The main part of the meeting involved creating a question bank:Categories were created for different chapters (e.g., Chapter 1, Chapter 2)

Within each chapter, subcategories were made for difficulty levels (Easy, Moderate, Difficult) The process of adding questions to these categories was demonstrated

Different question types were shown, including multiple-choice and true/false

The instructor (Arun Julka) guided participants through the process of:

1.Navigating the platform's interface

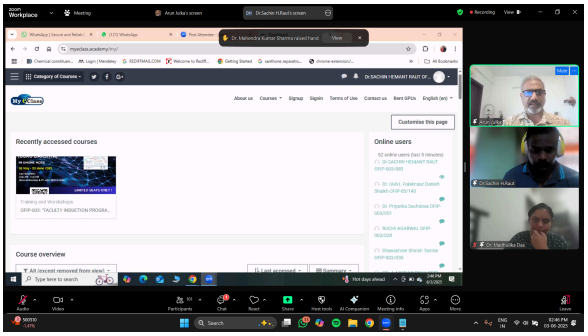
2.Creating categories and subcategories

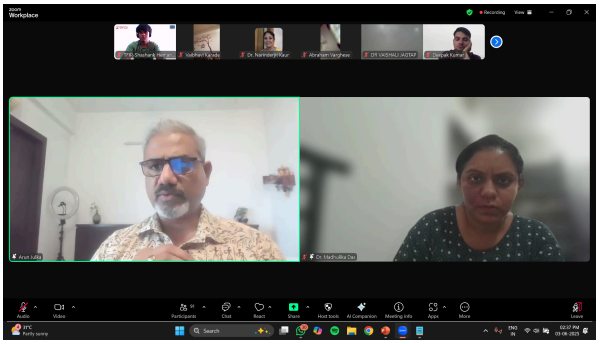
3.Adding questions to specific difficulty levels

4.Setting correct answers and assigning grades

5.Participants were encouraged to create their own questions and categories for their courses.

The meeting was interactive, with the instructor addressing questions and concerns from participants throughout the session.



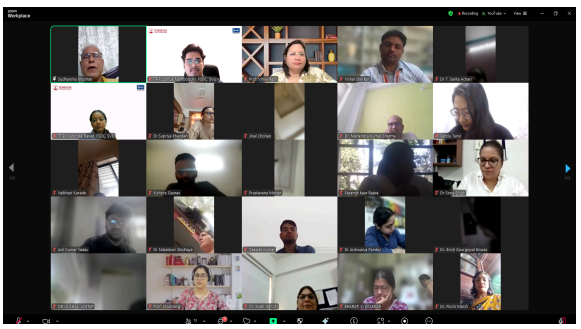


Dated: 4th June, 2025

Session 1: Multidisciplinarity and Curriculum Development (Prof. Sudhanshu Bhushan) (9:30 am - 11:00 am)

Professor Sudhanshu's session focused on multidisciplinarity and curriculum development. He explained different types of disciplinarity: pluridisciplinarity, multidisciplinarity, interdisciplinarity, cross-disciplinarity, and transdisciplinarity. He emphasized the importance of interdisciplinary approaches in addressing complex societal problems. The professor discussed the evolution of curriculum in Indian higher education, from the honors and pass course system to the choice-based credit system and the recent National Education Policy (NEP) based curriculum. He highlighted concerns about the loss of diversity and autonomy in curriculum design due to standardized structures imposed by regulatory bodies. Professor Sudhanshu stressed the need for a gradual, organic evolution of curriculum rather than hasty changes. He also touched upon the challenges of implementing interdisciplinary teaching and research in Indian universities. The session concluded with a discussion on the potential benefits and drawbacks of the new curriculum structure in terms of specialization, vocational orientation, and student choices.





Session 2: Empowering the Future: The Vital Role of Skill Development (Prof (Dr.) A.K. Bakhshi) (11:15 AM- 12:45 PM)

The second session, led by Professor Dr. A.K. Bakhshi, focused on the vital role of skill development in the 21st century. He emphasized the importance of skills alongside knowledge and personality in education. The session covered various aspects including the definition of skills, their types (hard and soft skills), and the concept of micro-credentials. Prof. Bakhshi discussed India's skill development initiatives and challenges, highlighting the need for a multi-dimensional approach. He elaborated on 21st century skills, categorizing them into learning skills, literacy skills, and life skills. The professor stressed the importance of critical thinking, creativity, and effective communication in the modern workplace. He provided insights on effective presentation skills, offering practical tips for planning, preparation, and delivery. The session concluded with advice on mastering skills through consistent practice and the importance of continuous learning and development.





Session 3: Enhancing Academic Research with AI Tools: Opportunities and Ethical Considerations (Dr. Ashutosh Yadav) (02:00- 04:30 PM)

The session focused on leveraging AI and ICT tools to enhance research and academic work. Key points included:

Using Chat GPT for tasks like creating modular lesson plans and drafting emails.

Tools like Chat Doc and Explain Paper to aid in literature comprehension.

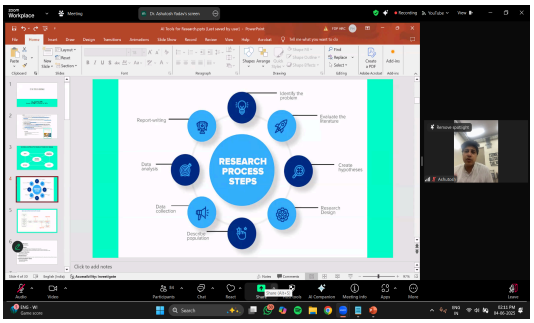
Litmap for visualizing research paper networks and connections.

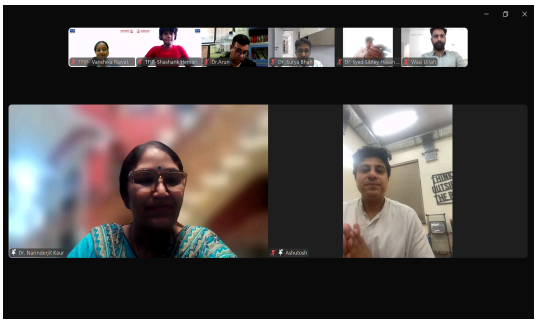
Ideogram for AI-generated images based on prompts.

Canva for creating professional-looking documents and graphics.

Scribber for managing citations and references.

The presenter emphasized the importance of academic integrity and cautioned against over-reliance on AI-generated content. He stressed that these tools should assist rather than replace critical thinking and research skills.

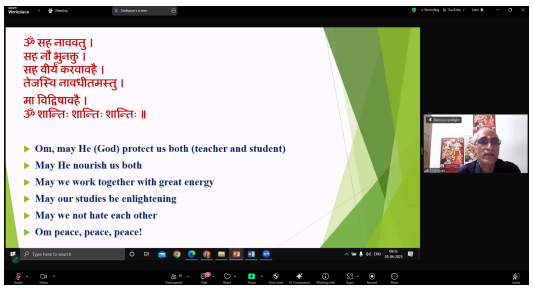


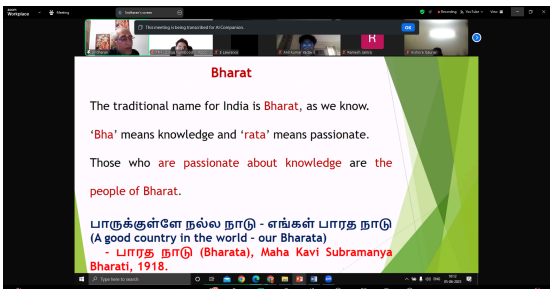


Dated: 5th June, 2025

Session 1: Indian knowledge system (Prof. R. Sridharan) (9:30 am - 11:00 am)

The professor conducted a comprehensive session on the Indian Knowledge System (IKS). He began by explaining the concept of IKS, its historical significance, and its multidisciplinary nature. The session covered various aspects of ancient Indian wisdom, including philosophy, mathematics, science, and technology. The professor discussed the importance of preserving and documenting traditional knowledge to prevent its exploitation by foreign entities. He explained different approaches to teaching IKS, such as narrative, holistic, and experiential methods. The session also touched upon the integration of IKS with modern issues and the use of technology in learning. The professor highlighted the unique ways ancient Indians encoded knowledge, particularly in mathematics, using examples like the Katapayadi system and magic squares. He concluded by discussing Indian ethos in work culture, emphasizing the importance of excellence, renunciation, and service in one's professional life.





Session 2: From a Teacher to an Academic Leader in Higher Education in India in the 21st Century (Prof (Dr.) A.K. Bakhshi) (11:15 AM- 12:45 PM)

Professor A.K. Bakhshi delivered an inspiring session on transitioning from a teacher to an academic leader in higher education. He emphasized the importance of developing essential traits such as being visionary, articulate, and empathetic. Bakhshi stressed the need for

continuous learning, research productivity, and strengthening academic credentials. He highlighted key skills like networking, team building, and communication. The professor advised on dealing with workplace politics and maintaining integrity. He shared life lessons on being a good human being, learning to say no, and managing one's mindset. Bakhshi emphasized the importance of work ethics, building positive relationships, and focusing on personal growth. He encouraged aspiring leaders to inspire others, win people over, and leave a lasting legacy. The session provided a comprehensive roadmap for educators to develop leadership qualities and excel in their careers while maintaining a strong moral compass.

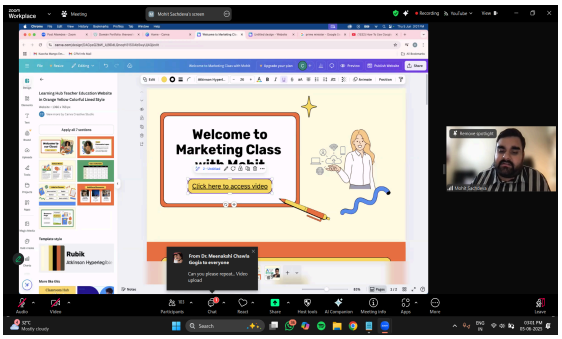


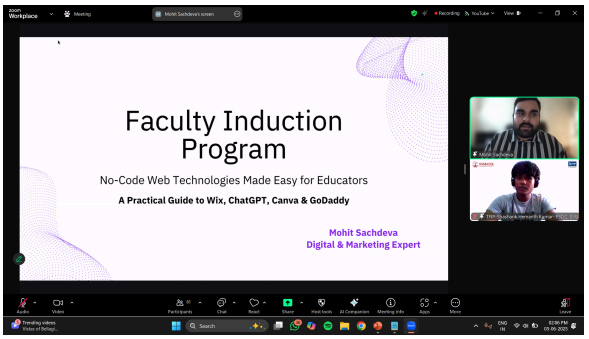
Session 3: No-Code Web Technologies for Educators: Creating Professional Websites with Canva and Wix (Mr. Mohit Sachdeva) (02:00- 04:00 PM)

This session focused on teaching educators how to create websites using no-code technologies. The instructor covered three main tools:

1. Godaddy for domain registration
2. Canva for basic website creation
3. Wix for more advanced website development

The session included step-by-step instructions on how to use these platforms, explaining concepts like domain names, servers, and content management systems. Participants learned how to create and customize websites, add various elements like videos and forms, and publish their sites. The instructor emphasized the importance of having a digital presence for teachers and provided tips on what content to include on their websites.





Dated: 6th June 2025

Session 1: Mental Health of Learners(Prof. Sarita Passey)(9:30 am- 11:15 am)

This meeting focused on mental health issues in higher education and strategies to address them. Key points include:

Mental health problems among students are increasing, with issues like depression, anxiety, and eating disorders becoming more prevalent.The National Education Policy 2020 emphasizes the importance of mental health in education.Teachers play a crucial role in identifying and supporting students with mental health issues.

Strategies for promoting mental health include:

1.Implementing mentor-mentee programs

2.Engaging students in stress-busting activities

3.Organizing field trips and industrial visits

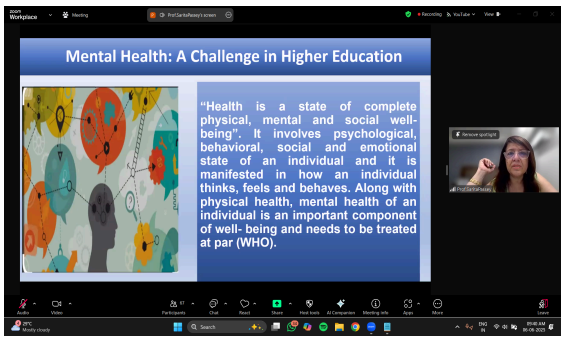
4.Conducting summer projects

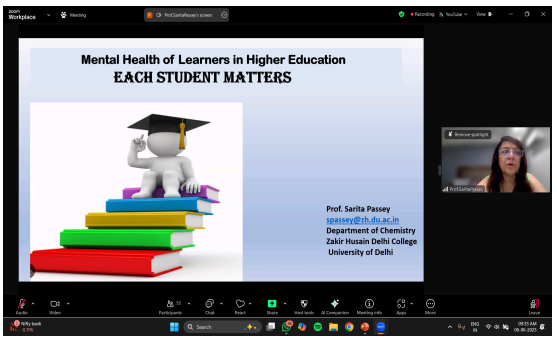
5.Making classrooms more interactive and engaging

The importance of creating a supportive environment where students feel comfortable discussing their issues.

Suggestions for institutions to provide mental health support, such as helpline numbers and collaborations with NGOs.The need for regular training workshops for teachers on mental health awareness and support strategies.

The session emphasized the importance of building connections and relationships with students to promote their overall well-being and academic success.





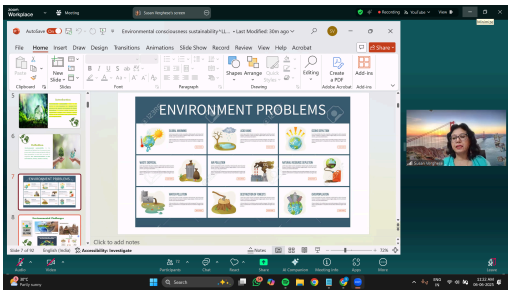
Session 2: (11:15 AM- 12:45 PM): Environmental consciousness, sustainability and SDGs(Prof Susan Jaison Verghese P.)

This session focused on environmental consciousness, sustainability, and sustainable development goals, particularly emphasizing the role of higher education in achieving these goals. The speaker, Professor Susan Verghese, discussed several key points: Definition of environmental sustainability and its challenges, Global warming, pollution, and resource depletion as major environmental issues

The evolution from Millennium Development Goals to Sustainable Development Goals

International agreements like the Paris Agreement and their objectives Global and local actions needed for environmental sustainabilityThe 17 Sustainable Development Goals set by the United NationsIndia's national missions and strategies for sustainable developmentCommunity-level solutions and individual responsibilities for sustainability

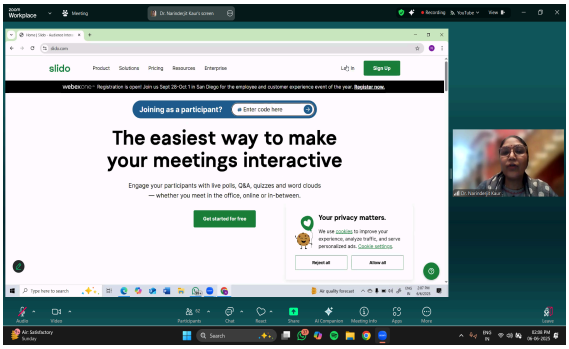
The session highlighted the importance of collaboration between nations, organizations, and individuals to address environmental challenges. It also emphasized the need for awareness, education, and action at all levels - from global policies to local initiatives - to achieve sustainable development and mitigate climate change impacts.

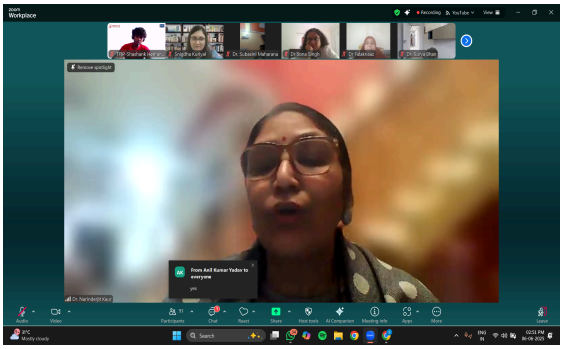




Session 3: (02:00- 04:00 PM): Quizzes Tools(Dr. Narinderjit Kaur)

- The session focused on interactive quiz tools for teaching, including Mentimeter, Quizzes, and Kahoot.
- Mentimeter allows creating interactive polls and quizzes. It has options like word clouds, multiple choice questions, and rankings. Results can be displayed live to students.
- Quizzes.com lets teachers create quizzes with multiple question types. It has a large question bank to pull from. Quizzes can be assigned to students or played live in class.
- Both tools have free versions with some limitations on number of questions/participants. Paid versions offer more features.
- The tools allow customizing quiz settings like timers, points, and question shuffling.
- Results and leaderboards can be displayed to engage students. Reports can be downloaded for assessment.
- Participants did hands-on practice creating quizzes during the session.
- The tools were recommended for formative assessment and increasing student engagement during classes.





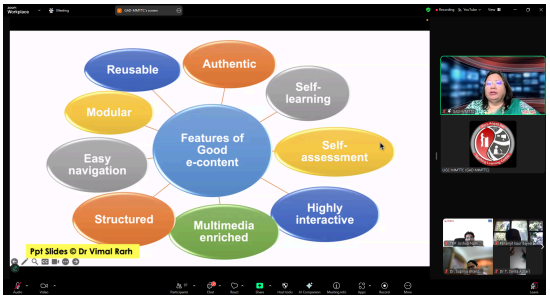
Dated: 9th June 2025

Session 1: Development in Four Quadrant Model (Prof. Vimal Rarh) (9:30 am- 11:15 am)

The meeting discusses the creation of e-content for educational purposes. The speaker emphasizes the importance of structured content, with specific guidelines for text length, formatting, and plagiarism checks. They mention the process of creating PowerPoint presentations as storyboards for video production, including visuals and animations. The importance of self-assessment questions is highlighted, with a focus on various types of objective questions. The speaker also stresses the significance of value additions, suggested readings, and web links in the content. Multiple review stages are discussed, including student preview, academic expert review, and technical review. The technical review focuses on visual and audio quality across different devices. The speaker concludes by mentioning

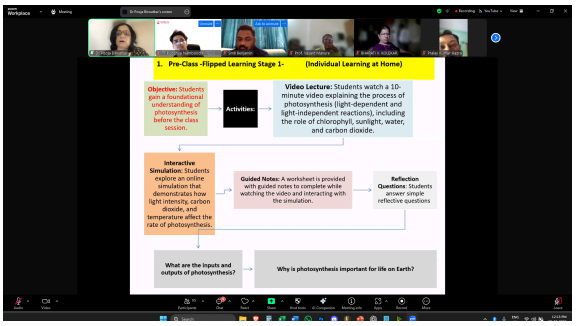
that they will continue the discussion on technical conversion in the next session. The meeting ends with a brief Q&A session where participants ask about plagiarism concerns and animation tools for content creation.

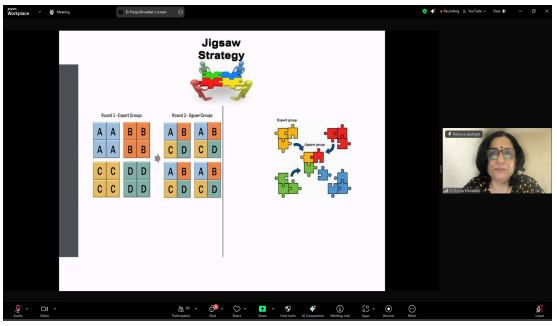




Session 2: Teaching Beyond the Lecture: Engaging Minds, Enriching Learning (Dr Pooja Birwatkar) (11:15 AM- 12:45 PM)

The session focused on modern teaching methods, particularly the flipped classroom approach and jigsaw strategy. Dr. Pooja Birwatkar emphasized moving beyond traditional lectures to engage students actively in their learning. She discussed the importance of constructivist pedagogy, where students take ownership of their learning process. The flipped classroom model was explained in detail, including its various types and implementation strategies. This approach involves students preparing before class and using class time for active learning activities. The jigsaw method was also introduced as a collaborative learning technique. Dr. Birwatkar stressed the need for teachers to become facilitators rather than mere content deliverers. She highlighted the importance of debates, discussions, and peer teaching in enhancing student engagement and understanding. Overall, the session aimed to encourage teachers to adopt innovative pedagogies that cater to diverse learning styles and promote deeper learning experiences.





Session 3: Presentations By Participants(2:00pm- 4:00pm)

This was a micro-teaching session for an induction program. 6 participants presented their micro-teaching lessons out of 11 scheduled:

1.Dr. Aakash Dwivedi - French language course

2.Dr. T. Saritha Achari - Genetics and Mendel's laws

3.Dr. Aakash Bharadwaj - Foreign investment in India

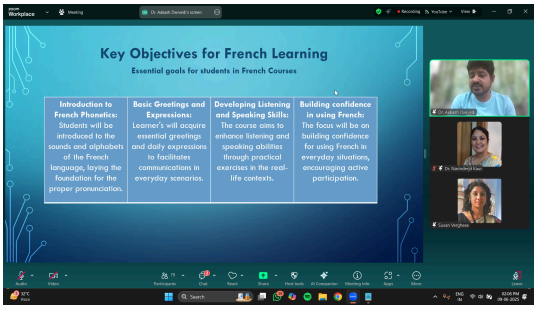
4.Dr. E. Lawrence - Salt March of 1930

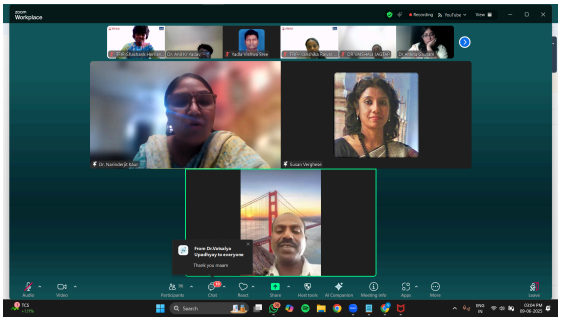
5.Dr. Ankita Gautam - Food spoilage

6.Dr. Anupriya Yadav - Alternative dispute resolution

Each presenter had 5-7 minutes to demonstrate their lesson plan and teaching approach. The other participants were asked to provide feedback on the presentations through a Google form. The coordinators emphasized the importance of attending all sessions and submitting feedback. They also reminded participants to present on their assigned day according to the schedule.

The session ended with a request for those who did not present to do so on their scheduled day, and an announcement that the micro-teaching sessions would continue the next day at the same time.





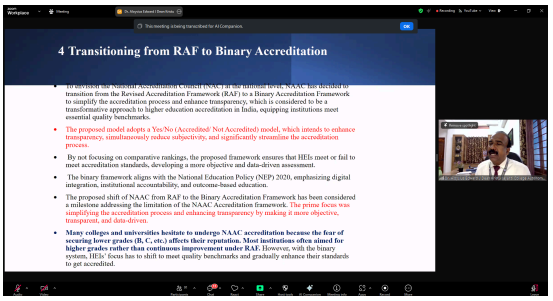
Dated: 10th June 2025

Session 1: Demystifying NAAC Binary Accreditation (Dr. Aloysius Edward J.) (9:30 am- 11:15 am)

This session discussed the transition from the current NAAC accreditation system to a new binary accreditation framework in India. The speaker explained that only about 20% of institutions are currently accredited, and the new system aims to simplify the process and encourage more participation. The binary system will replace grades with a simple accredited/not accredited status, aligning with international standards. The new framework will have 10 quality attributes instead of 7 parameters, focusing on input, process, and outcome. It will use quantitative metrics and incorporate technology for objectivity and

transparency. The speaker also mentioned that institutions will be categorized based on their orientation, heritage, and location, with different assessment criteria for each. The session concluded by discussing potential metrics for the new system, though the final manual is yet to be released.





Session 2: Methodology for e-Content Development - Part-2 (Prof. Vimal Rarh) (11:15 AM- 12:45 PM)

The second session focused on methodology for e-content development. Professor Vimal Rarh discussed the 4-quadrant format for MOOCs and e-content creation, emphasizing the importance of multimedia enrichment and industry vertical integration. She highlighted the need for proper formatting, effective PowerPoint presentations, and the use of visuals and animations to enhance learning. The session covered topics such as copyright issues, fair use guidelines, and the importance of creating engaging content. Prof. Rarh also discussed the new MOOC guidelines for 2024, which include blended learning ecosystems and industry verticals. She provided tips on font selection, slide design, and video production techniques. The importance of learning management systems for content delivery was also addressed. Overall, the session aimed to equip educators with the skills and knowledge needed to create high-quality, engaging e-content for modern educational needs.



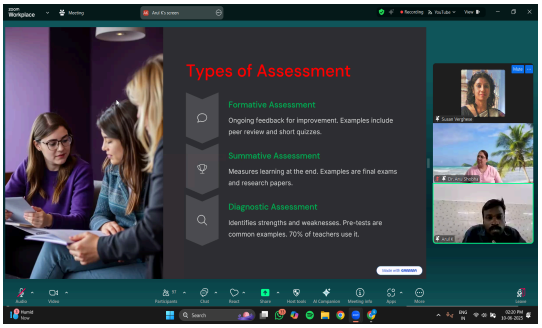


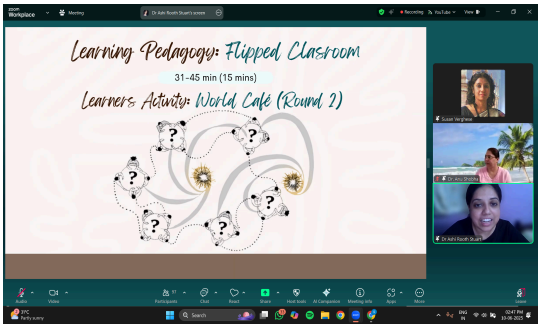
Session 3: Presentations by participants, Micro teaching Session(2:00 pm- 4:00 pm)

This was a micro-teaching session where several faculty members presented short lessons on various topics:

- Dr. Anurag Samson Lall taught about chemical equivalence in chemistry
- Dr. Archana Mary Dass presented on Thomas Hobbes' social contract theory
- Dr. Arul K discussed examination and evaluation in language teaching
- Dr. Aishwarya Pandey gave a lesson on company law
- Dr. Ashi Rooth Stuart taught about employment scenarios in the Indian economy
- Dr. Atisha Srivastava analyzed Robert Frost's poem "Stopping by Woods on a Snowy Evening"
- Dr. Supriya Bhandari presented on William Blake's poem "The Chimney Sweeper"
- Mrs. Bharati Kolekar taught about Sanskrit subhashita literature
- Dr. Bipasha Bandopadhyay gave a lesson on criminology

Each presenter outlined their lesson plans, learning objectives, teaching methods and activities they would use in their classes. The presentations covered a wide range of subjects including science, law, literature, economics and social sciences. The faculty members demonstrated various pedagogical techniques like interactive lectures, group discussions, case studies, and technology-aided learning.



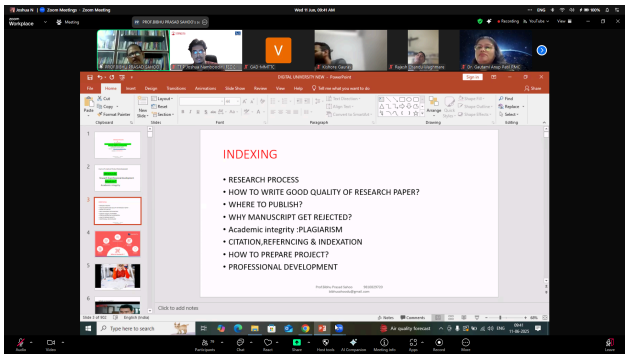


Dated: 11th June 2025

Session 1: Research Process (Prof. Bibhu Prasad Sahoo) (9:30 am- 11:15 am)

The session covered various aspects of the research process. Professor Bibhu Prasad Sahoo discussed the importance of literature review, identifying research gaps, and formulating hypotheses. He explained different types of variables and hypotheses, emphasizing the significance of proper hypothesis formulation. The professor also elaborated on sampling techniques, including probability and non-probability sampling methods. He stressed the importance of choosing appropriate sampling methods based on research type and data size. The session included discussions on systematic literature reviews, meta-analysis, and the

steps involved in conducting research. Professor Sahoo highlighted the importance of academic integrity and cautioned against plagiarism. He also touched upon the significance of research design and data collection methods. The session aimed to provide a comprehensive overview of the research process, from identifying research problems to

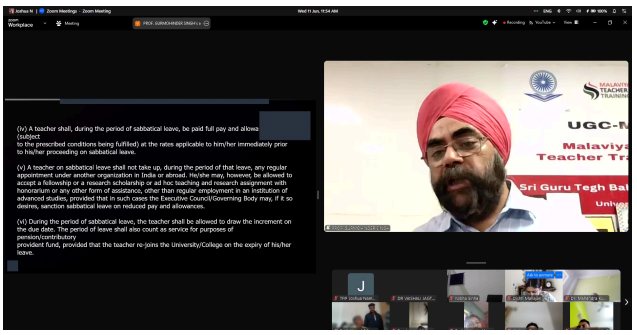


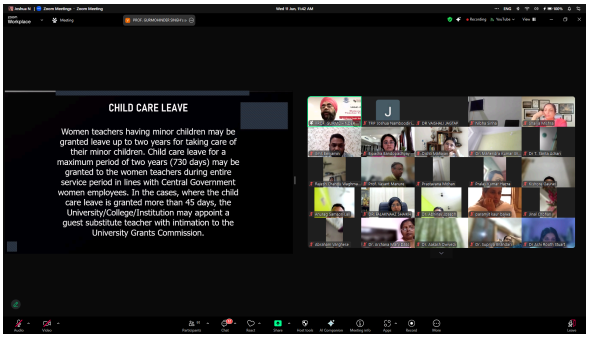


presenting findings.

Session 2: Leave Rules (Prof. Gurmohinder Singh) (11:15 AM- 12:45 PM)

The session covered various aspects of leave rules for employees in educational institutions, particularly focusing on Delhi University. Professor Gurmohinder Singh discussed different types of leaves including casual leave, special casual leave, earned leave, half-pay leave, maternity leave, paternity leave, child care leave, sabbatical leave, and study leave. He emphasized that leave is not a right but subject to approval. The professor explained the conditions, durations, and procedures for each type of leave, highlighting important points such as the maximum accumulation of 300 days of earned leave, encashment rules, and restrictions on combining certain types of leaves. He also touched upon the implications of taking leave on salary, retirement benefits, and career progression. The session stressed the importance of following rules to avoid complications and potential recovery of funds by the institution. The professor advised employees to be aware of their entitlements and the proper procedures for applying for and utilizing different types of leave.

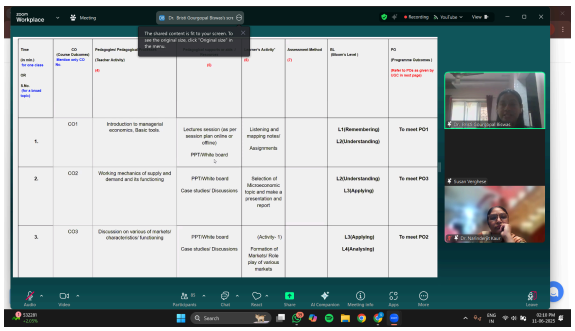


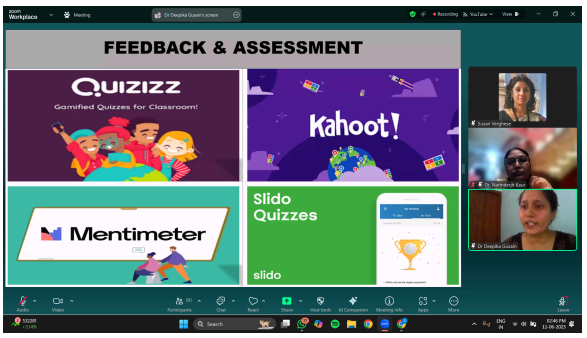


Session 3: Faculty Induction Program Presentations on Teaching Methodologies(2:00 pm - 4:00 pm)

- This was a recurring meeting titled "OFIP-003" with 23 speakers discussing various academic topics.
- Speakers presented lesson plans and teaching strategies for different subjects including economics, chemistry, Ayurveda, English literature, geography, and law.
- Presentations covered course objectives, learning outcomes, teaching methods, activities, and assessment techniques.
- Speakers discussed using interactive tools like mentimeter, quizzes, group discussions to engage students.
- Many incorporated digital tools, videos, simulations into their lesson plans.
- Time management was emphasized, with speakers given around 10 minutes each to present.
- Presenters shared ideas on connecting theoretical concepts to real-world applications in their fields.
- There was a focus on developing critical thinking, analytical and problem-solving skills in students across disciplines.

The meeting provided a platform for faculty to share innovative teaching approaches and get feedback from peers.





Dated: 12th June, 2025

Session 1: Environmental Issues and Sustainable Development in India

(Prof. Ajay Kumar Bhagi) (9:30 am- 11:15 am)

The session focused on air pollution and sustainable development in India. Professor A K Bhagi discussed the history of air pollution episodes worldwide and in India, highlighting major incidents and their impacts. He explained the causes of air pollution, including industrial emissions, vehicular exhaust, and stubble burning. The speaker emphasized the need for comprehensive monitoring systems and outlined various government initiatives to combat pollution, such as the introduction of cleaner fuels and the promotion of renewable energy sources. He also touched upon other environmental challenges like sewage disposal and solid waste management. The session covered India's efforts towards sustainable development, aligning with the UN's Sustainable Development Goals while adapting them to the Indian context. The professor stressed the importance of balancing development with environmental protection and highlighted the role of every citizen in reducing pollution. He concluded by urging educators to promote responsible citizenship and sustainable development in the Indian context.



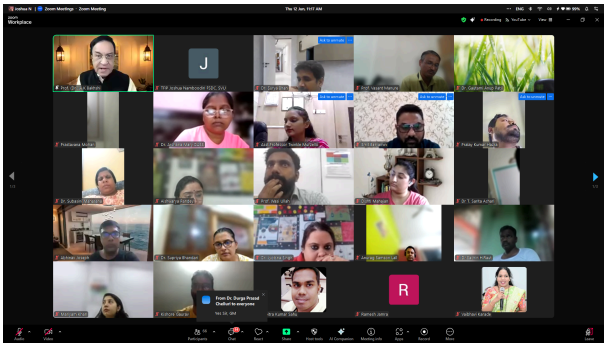


Session 2: Achieving Excellence in Research in India in the 21st Century: Challenges and Opportunities (Prof (Dr.) A.K. Bakhshi) (11:15 AM- 12:45 PM)

Professor A.K. Bakhshi delivered a comprehensive session on achieving excellence in research in India in the 21st century. He emphasized the increasing importance of research in higher education and highlighted the challenges faced by Indian researchers, including lack of funding, gender gaps, and an outdated education system. Bakhshi stressed the need for quality education to foster quality research, advocating for a shift towards developing curious, critical, and innovative learners. He outlined key qualities of outstanding researchers, including deep subject knowledge, out-of-box thinking, and strong communication skills. The professor also discussed the current research scenario in India, noting the low number of scientists per capita and the country's ranking in global research outputs. Bakhshi provided tips for personal development to excel in research, including being proactive, self-motivated,

and resilient. He concluded by summarizing the essential skills needed for research excellence, such as field-specific knowledge, creativity, technical proficiency, and ethical integrity.





Session 3: Presentations / Microteaching session(2:00 pm - 4:00 pm)

This was a microteaching session with multiple presenters covering various academic topics:

1.Dr. Florin Masih presented on cell division and meiosis for a zoology course

2.Dr. Gautami Anup Patil presented on Hindi language skills

3.Dr. Geetika Yadav presented on political theory and its relevance today

4.Dr. Sachin Raut presented on environmental laws to conserve mangrove forests in India

5.Dr. Jinal Chohan presented on secondary markets for a financial markets course

6.Dr. Jaggu Dan Ratnoo presented on political theory and understanding its relevance

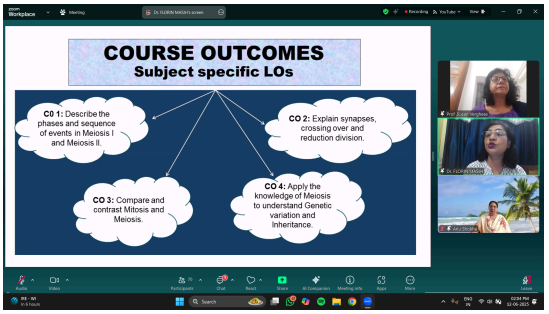
7.Dr. Abhinav Joseph presented on standard electrode potential for a chemistry course

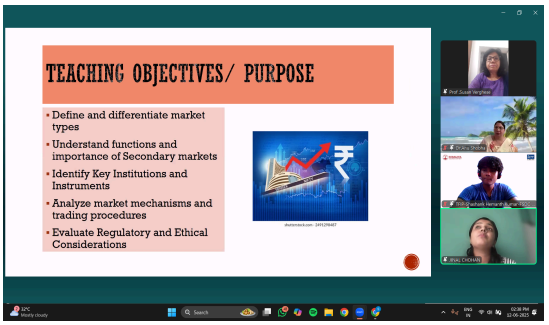
8.Dr. Joy Nivedita Samuel presented on components of blood and their functions

9.Dr. Jayashri Mahore presented on physical pharmaceutics

10.Dr. Geetika Yadav presented on Emile Durkheim's theory of suicide

Each presenter covered their course details, learning objectives, teaching methodologies, and assessment strategies. Many incorporated Bloom's taxonomy levels into their lesson plans. The presentations covered a wide range of academic disciplines including zoology, Hindi, political science, environmental studies, finance, chemistry, biology, and sociology.





Dated: 13th June, 2025

Session 1: How to write a good quality research paper(Prof. Bibhu Prasad Sahoo) (9:00 am - 11:00 am)

The meeting discusses how to write a high-quality research paper. Key topics covered include:

1.Importance of a strong title, abstract, and introduction

2.How to conduct and write a literature review

3.Formulating clear objectives and hypotheses

4.Research methodology and data collection techniques

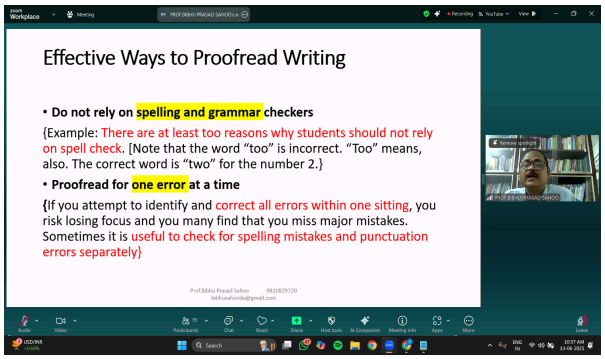
6.Analyzing results and writing the discussion section

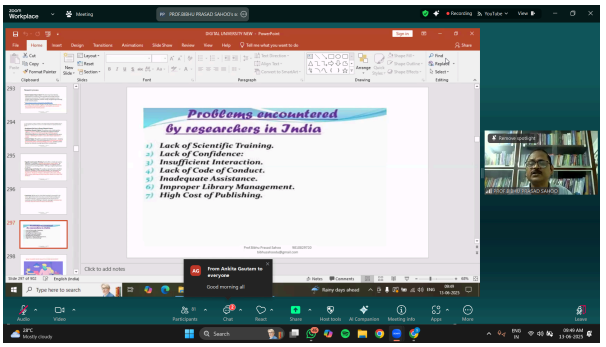
7.Crafting a strong conclusion with implications and future research directions

8.Proper citation and authorship practices

9.Importance of proofreading before submission

The speaker emphasizes targeting reputable journals, avoiding unethical practices, and following a systematic approach throughout the research and writing process. They recommend spending significant time on core sections like the introduction and being selective about which hypotheses to accept or reject. Overall, the advice aims to help researchers produce papers that can be published in high-impact journals.





Session 2: (11:15 AM- 12:45 PM): Higher Education and its Ecosystem, Dr. Shakila T Shamsu

The speaker discussed the changing nature of higher education in the 21st century, emphasizing the need to move from insular to integrative knowledge and incorporate experiential learning.

She highlighted the importance of inculcating 21st century skills like problem-solving, communication, collaboration, and digital literacy across all disciplines.

The need to make education more holistic by incorporating aspects like sports, arts, and cultural activities was emphasized. The speaker discussed the growing role of technology in education, including online learning, blended models, and the use of AI tools. She encouraged faculty to adapt to these changes.

The importance of research and entrepreneurship education at all levels was highlighted. Internationalization of higher education through student/faculty exchanges and collaborations was discussed as an important trend. The speaker emphasized the need for higher education to be more learner-centric and to prepare students for long-term productivity over their careers, not just short-term employment.

Challenges like declining attendance and students' casual attitudes were addressed, with suggestions on how faculty can engage students better.

Session 3: Presentations / Micro teaching (2:00 pm - 4:00 pm)

- This was a recurring meeting titled "OFIP-003" with 5 speakers discussing various academic topics.
- Speakers presented lesson plans and teaching strategies for different subjects including economics, chemistry, Ayurveda, English literature, geography, and law.

- Presentations covered course objectives, learning outcomes, teaching methods, activities, and assessment techniques.
- Speakers discussed using interactive tools like mentimeter, quizzes, group discussions to engage students.
- Many incorporated digital tools, videos, simulations into their lesson plans.
- Time management was emphasized, with speakers given around 10 minutes each to present.
- Presenters shared ideas on connecting theoretical concepts to real-world applications in their fields.
- There was a focus on developing critical thinking, analytical and problem-solving skills in students across disciplines.

The meeting provided a platform for faculty to share innovative teaching approaches and get feedback from peers.

Dated: 14th June, 2025

Session 1: Why Manuscript get rejected & project report writing? (Prof. Bibhu Prasad Sahoo) (9:00 am - 11:00 am)

Professor Bibhu Prasad Sahoo delivered a comprehensive lecture on writing and publishing research papers in reputable journals. He emphasized the importance of avoiding predatory and clone journals, and provided strategies to identify credible open-access publications. The professor discussed the role of editors and reviewers in the publication process, highlighting the need to satisfy their requirements. He explained various journal metrics like impact factor, cite score, and SCImago Journal Rank, as well as author metrics such as h-index and i10-index. Professor Sahoo stressed the significance of following author guidelines, addressing reviewer comments promptly, and promoting published work through platforms like ResearchGate and LinkedIn. He also touched upon the benefits of open access publishing and the use of AI in literature reviews. Overall, the lecture provided valuable insights into navigating the complex landscape of academic publishing and enhancing research visibility.

Session 2: (11:15 AM- 12:45 PM): Skill Development (Prof. Anita Priyadarshini)

The second session focused on skill development in the context of the National Education Policy 2020. Professor Anita Priyadarshini discussed the importance of integrating academic programs with vocational education to bridge the gap between industry requirements and graduate skills. She explained the National Credit Framework, which combines the National Skills Qualification Framework, National Higher Education Qualification Framework, and National Curriculum Framework into a unified system. This integration aims to give equal importance to skilling programs and traditional academic courses. The speaker emphasized the need for teachers to design NSQF-compliant courses at higher education levels (4.5 and

above) to enhance student employability. She also highlighted the importance of future skills, including cognitive, creative, and technological abilities, as well as the concept of lifelong learning. The session stressed the role of teachers in fostering these skills and adapting to the changing needs of the 21st-century job market.

Session 3: (02:00- 04:00 PM): Presentations

This was a session for participants to present their micro-teaching presentations as part of a faculty induction program. Several participants gave presentations on various topics including:

Impact of tax planning on investment decisions

Introduction to rings and their properties in mathematics

Social psychology

Sports as a career opportunity

Each presenter had about 10-15 minutes to give their presentation, covering aspects like course details, learning objectives, teaching methods, and assessment plans for their chosen topic.

Some presenters faced technical issues with screen sharing or audio. A few scheduled presenters were absent. The organizers emphasized the importance of participants completing their presentations on schedule, as there are many more presentations scheduled in the coming days and weeks of the program. They want to avoid a backlog of presentations.

Dated: 16th June, 2025

Session 1: Management of Stress and Time (Dr. Rupal Thakkar) (9:00 am - 11:00 am)

The session on *Management of Stress and Time* by Dr. Rupal Thakur offered valuable insights into understanding and effectively handling stress while improving time management skills. Dr. Thakur began by explaining the psychological and physiological aspects of stress, highlighting how chronic stress impacts both personal well-being and professional productivity. She emphasized the importance of self-awareness in identifying stress triggers and discussed practical techniques such as mindfulness, deep breathing, and cognitive restructuring to manage stress more effectively. Moving to time management, she introduced proven strategies like prioritization using the Eisenhower Matrix, goal setting through the SMART framework, and the importance of maintaining a balanced schedule. Dr. Thakur also underlined the role of discipline, routine, and setting boundaries to minimize procrastination and maximize output. The session was engaging and interactive, equipping participants with

actionable tools to enhance their emotional resilience and professional efficiency in both academic and personal life.

Session 2:Presentations/Micro teach(11:15 am - 12:45 pm)

Session brought together faculty members who presented creative and subject-specific lesson plans across areas such as **economics, chemistry, Ayurveda, English literature, geography, and law**. Each speaker was allotted around 10 minutes to outline their approach, focusing on **course goals, learning outcomes, teaching strategies, class activities, and assessment methods**.

The speakers showcased a variety of **interactive and digital tools**—including *Mentimeter, online quizzes, group tasks, simulations, and videos*—to make learning more engaging and participatory. A strong emphasis was placed on linking academic content with **practical, real-world applications**, encouraging students to think critically and apply concepts analytically.

This meeting served as a valuable forum for faculty to exchange **innovative teaching practices**, explore interdisciplinary ideas, and receive feedback from their peers, all contributing to a more dynamic and learner-focused classroom experience.

Session 3:Promotion Rules (Prof. Gurmohinder SIng) (3:30 pm - 5:00 pm)

- The meeting discussed promotion rules and career advancement schemes for university and college teachers.
- It outlined eligibility criteria and assessment methods for promotions at different academic levels (Assistant Professor to Professor).
- Key factors considered include years of service, academic/research performance, and fulfillment of professional development requirements.
- A point-based system is used to evaluate research publications, projects, patents, conference presentations etc.
- There are different scoring criteria for science/engineering fields vs humanities/social sciences.
- Importance is given to research output, teaching quality, and involvement in student/institutional activities.
- Guidelines on professional ethics for teachers were also discussed, emphasizing responsibilities towards students, institution and profession.
- Issues like plagiarism checks and maintaining teaching integrity were highlighted.

The transcript provides detailed information on promotion policies and professional conduct expectations for academic staff in higher education institutions.

Dated: 17th June, 2025

Session 1: Constitutional Values, Human Rights & Fundamental Duties- Part-1 (Dr. Nachiketa Singh) (9:00 am - 11:00 am)

The first session, led by Govind Singh, focused on the importance of addressing caste, class, and gender issues in India's education system to promote national unity and democratic values. Singh emphasized the role of educators in fostering constitutional values such as equality, liberty, and fraternity. He stressed the need to create a more inclusive and just society through education, going beyond merely preparing students for the job market. Singh highlighted the importance of preserving democracy and urged educators to take responsibility for securing it. He also discussed the significance of the Indian Constitution, particularly its preamble, in embodying the nation's core principles and aspirations. Singh touched upon the visual elements of the Constitution, mentioning the artwork by Nandalal Bose and its symbolic importance in representing constitutional values. Overall, the session underscored the crucial role of education in shaping a united and democratic India.

Session 2: Teaching, Learning & Assessment, Prof. Shakila T Shamsu(11:15 am - 12:45 pm)

* The session focused on teaching, learning and assessment in higher education.

* Teachers should move from being information givers to facilitators who help students learn effectively.

* Active learning environments should be created with student engagement and activities.

* Lesson plans are important and should include learning objectives, outcomes, and activities.

* Blended learning models using technology and online resources can enhance teaching.

* Collaborative and cooperative learning among students should be encouraged.

* Assessment should focus on helping students improve, not just grading. Formative and summative assessments serve different purposes.

* Customized assignments of different difficulty levels can be given for formative assessment.

* New assessment methods like adaptive testing and open book exams are being explored.

* The goal is to develop 21st century skills and create empowered, competent learners who can adapt to emerging technologies and a competitive global economy.

Session 3: Micro Teach Prsentations

Dated: 18th June 2025

Session 1: Constitutional Values, Human Rights & Fundamental Duties- Part- 2 (Dr. Nachiketa Singh) (9:00 am - 11:00 am)

Mr. Nachiketa Singh led an insightful session on constitutional values, fundamental duties, and human rights. He highlighted core constitutional principles such as liberty, equality, fraternity, and secularism, and discussed the responsibilities outlined in Article 51A. The session addressed pressing human rights issues in India like caste discrimination, gender-based violence, and religious conflicts as well as global challenges such as refugee crises and wartime violations. Emphasizing the balance between development and human rights, Mr. Singh underscored the role of citizens, particularly educators, in upholding democratic values and fostering responsible citizenship for nation-building.

Session 2: A Deep Dive into Freud's Psychoanalytic Framework. (Dr. Rupal Thakkar) (11:15 am - 01:00 pm

Dr. Rupal Thakkar conducted an engaging session on Sigmund Freud’s psychoanalytic theory of personality development. She explained the structure of personality id, ego, and superego along with Freud’s psychosexual stages. The session covered key defense mechanisms and explored the Oedipus and Electra complexes. Emphasizing the lasting impact of childhood experiences, Dr. Thakkar also discussed the modern relevance of Freud’s ideas, particularly in the context of social media behavior. Using interactive storytelling and image analysis, she encouraged participants to connect theory with real-life examples, concluding with a balanced view on Freud’s contributions to psychology.

Dated: 19th June 2025

Session 1: Query Handling (Dr. Arun Julka) (9:30 am - 10:30 am)

The session featured a detailed query-solving interaction led by **Julka Sir**, where participants raised various technical and assignment-related concerns. Key issues addressed included uploading files to the LMS, linking PowerPoint presentations using hyperlinks, preparing salary sheets, and resolving formatting challenges in presentations and book writing tasks. Julka Sir patiently provided clear, step-by-step demonstrations, offering practical solutions and ensuring participants gained hands-on clarity to overcome their challenges effectively.

Session 2: Strategic Planning and Management (Prof. Shakila T Shamsu) (10:30 am - 12:45 pm)

Shakila Ma'am, focused on Strategic Planning and Management in Higher Education. The session addressed key challenges such as quality deficits, employability gaps, and the need to integrate teaching, research, and skill development. Emphasis was placed on equity, institutional autonomy with accountability, and the formulation of Institutional Development Plans (IDPs). The discussion also highlighted the importance of faculty leadership, data-driven governance, industry collaboration, and effective resource utilization. Participants were encouraged to play an active role in driving institutional growth through strategic and inclusive practices.

Dated: 23rd June, 2025

Session 1: Indian Knowledge System (IKS) (Prof.(Dr.)Anuja Chouhan) (9:30 am - 10:30 am)

Summary on Indian Knowledge System (IKS) – Prof. (Dr.) Anuja Chouhan (150 words)

Prof. (Dr.) Anuja Chouhan's session on the Indian Knowledge System (IKS) offered deep insights into India's rich intellectual and cultural heritage. She emphasized that IKS is a vast and interdisciplinary body of knowledge encompassing areas such as philosophy, science, mathematics, medicine (Ayurveda), architecture (Vastu), arts, literature, education, and environmental sustainability. Rooted in ancient scriptures like the Vedas, Upanishads, and other classical texts, IKS reflects a holistic worldview that promotes harmony between humans, nature, and the cosmos. Dr. Chouhan highlighted the relevance of IKS in modern education, advocating for its integration into contemporary curricula to promote indigenous perspectives and values. She also stressed the importance of preserving oral traditions, Sanskrit texts, and regional knowledge systems. The session was an eye-opener for educators and learners, inspiring a renewed appreciation for India's civilizational wisdom and its potential to contribute meaningfully to global knowledge paradigms.


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