

IEEE CIS Workshop on **Women in Artificial Intelligence** January 22, 2024, IIT Indore, India

Website Link: <https://events.iiti.ac.in/ieeecis-wai/>



Report Prepared by

Dr. M. Tanveer

Chairman, IEEE MP Section – CIS Chapter

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1. Objectives

This event is for the organization of the workshop on “Women in Artificial Intelligence” under the auspices of the IEEE CIS Chapter, MP Section. This workshop aims to empower and support women in the field of artificial intelligence (AI) while providing opportunities to help them succeed and thrive in this industry.

The primary objectives of the workshop include the following:

- **Empowerment:** Empower women by providing them with the skills, knowledge, and resources necessary to succeed in AI. This may include technical skills, leadership development, and networking opportunities.
- **Awareness and Advocacy:** Increase understanding and awareness of artificial intelligence concepts, technologies, and applications among participants.
- **Networking:** Provide a platform to connect with peers, mentors, and leaders in the AI community. Networking can be a powerful tool for career development.

2. About IIT Indore

IIT Indore is one of the premier institutes under the Ministry of Human Resource Development (MHRD), Govt. of India. IIT Indore was founded in 2009 by the Govt. of India. In this short span of time, IIT Indore has positioned itself as a vibrant center for outstanding research. Multidisciplinary research at IIT Indore has been recognized at the international level with active participation in several key international projects and several joint collaborations with academic/research institutions in Japan, Norway, USA, Germany, France, Singapore, and many other countries. The institute is growing rapidly as the only center for advanced learning and knowledge dissemination in the pure and applied sciences in Central India. Read more at <https://iiti.ac.in>.

3. Organizers

Patron

- Suhas S. Joshi, Director, IIT Indore

Chief guest

- Sushmita Mitra, Indian Statistical Institute, Kolkata, India

Coordinator

- M. Tanveer, IIT Indore, India

Advisory Committee

- Sushmita Mitra, Indian Statistical Institute, Kolkata
- Lipika Dey, Tata Consultancy Services
- Suparna Bhattacharya, Hewlett Packard Enterprise
- Sansanee Auephanwiriyaikul, Hewlett Packard Enterprise
- Sansanee Auephanwiriyaikul, Chiang Mai University
- Sriparna Saha, Indian Institute of Technology Patna, India
- Aruna Tiwari, Indian Institute of Technology Indore, India
- Sanaz Mostaghim, Otto von Guericke University of Magdeburg, Germany
- Nelishia Pillay, University of Pretoria, South Africa

Executive Committee - IEEE MP Section - CIS Chapter

- M. Tanveer (Founding Chairman), Indian Institute of Technology Indore, India
- Aruna Tiwari (Convener, CIS Professional Activities), Indian Institute of Technology Indore, India
- Gyanendra Kumar Verma (Executive Member), National Institute of Technology Raipur, India
- Suresh Kumar Gawre (Executive Member), Maulana Azad National Institute of Technology, Bhopal, India
- Mallikharjuna Rao K (Executive Member), Dr. Shyama Prasad Mukherjee International Institute of Information Technology Naya Raipur, India
- Md Sajid (Secretary), Indian Institute of Technology Indore, India
- Mushir Akhtar (Treasurer), Indian Institute of Technology Indore, India
- Anuradha Kumari (Representative, Event Head), Indian Institute of Technology Indore, India

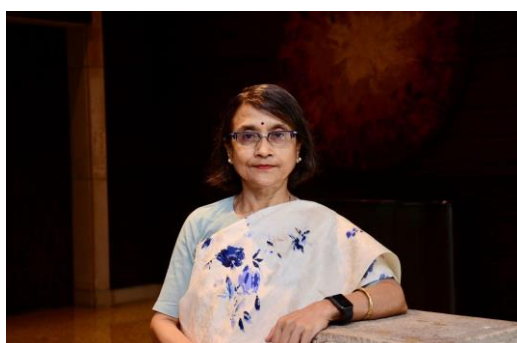
- Ashwani Kumar Malik (Student Representative), Indian Institute of Technology Indore, India
- Abdul Quadir (Webmaster), Indian Institute of Technology Indore, India

4. Keynote Speakers and Brief profiles

- Sushmita Mitra, Indian Statistical Institute, Kolkata, India
- Sansanee Auephanwiriyaikul, Chiang Mai University, Thailand
- Vaanathi Sundaresan, Indian Institute of Science, Bangalore, India

Brief Profile of the Speakers

Sushmita Mitra, Indian Statistical Institute, Kolkata, India



Bio: Sushmita Mitra is a full professor at the Machine Intelligence Unit (MIU), Indian Statistical Institute, Kolkata. From 1992 to 1994 she was in the RWTH, Aachen, Germany as a DAAD Fellow. She was a Visiting Professor in the Computer Science Departments of the University of Alberta, Edmonton, Canada; Meiji University, Japan; and Aalborg University Esbjerg, Denmark. Dr.

Mitra received the National Talent Search Scholarship (1978-1983) from NCERT, India, the University Gold Medal in 1988, the IEEE TNN Outstanding Paper Award in 1994 for her pioneering work in neuro-fuzzy computing, the CIMPA-INRIA-UNESCO Fellowship in 1996, and Fulbright-Nehru Senior Research Fellowship in 2018-2020. She was the INAE Chair Professor during 2018-2020. Dr. Mitra has been awarded the prestigious J. C. Bose National Fellowship, 2021.

Dr. Mitra is the author of the books "Neuro-Fuzzy Pattern Recognition: Methods in Soft Computing" and "Data Mining: Multimedia, Soft Computing, and Bioinformatics" published by John Wiley, and "Introduction to Machine Learning and Bioinformatics", Chapman & Hall/CRC Press, beside a host of other edited books.

She is a Fellow of the IEEE, The World Academy of Sciences (TWAS), Indian National Science Academy (INSA), International Association for Pattern Recognition (IAPR), Asia-Pacific Artificial Intelligence Association (AAIA), and

Fellow of the Indian National Academy of Engineering (INAE) and The National Academy of Sciences, India (NASI). She serves as a Member of the Inter-Academy Panel for Women in STEMM. She has visited more than 30 countries as a Plenary/Invited Speaker or an academic visitor. She served in the capacity of General Chair, Program Chair, Tutorial Chair, of many international conferences; was the Chair, IEEE Kolkata Section (2021-2022) and an IEEE CIS Distinguished Lecturer. Her current research interests include data science, machine learning, soft computing, medical image processing, and Bioinformatics.

Abstract: The talk focuses on the role of Artificial intelligence, particularly machine learning and deep learning, in the domain of healthcare. We cover the topics of radiomics, genomics, radiogenomics, histomics, before proceeding to describe some of the research on this by our group. We deal with detection, segmentation and survival analysis in brain tumors from MRI, early detection of diabetic retinopathy from fundus images of the eye, and detection of COVID-19 from X-ray images of the lung.

Sansanee Auephanwiriyaikul, Chiang Mai University, Thailand



Bio: Sansanee Auephanwiriyaikul (S'98–M'01–SM'09) received the B.Eng. (Hons.) degree in electrical engineering from the Chiang Mai University, Thailand (1993), the M.S. degree in electrical and computer engineering and Ph.D. degree in computer engineering and computer science, both from the University of Missouri, Columbia, in 1996, and 2000, respectively. After receiving her Ph.D. degree, she worked as a post-doctoral fellow at the Computational Intelligence Laboratory, University of Missouri-Columbia. She is currently an Associate Professor in the Department of Computer Engineering and a deputy director of the Biomedical Engineering Institute, Chiang Mai University, Thailand. Dr. Auephanwiriyaikul is a senior member of the Institute of Electrical and Electronics Engineers (IEEE). She is an Associate Editor of the IEEE Transactions on Fuzzy System, the IEEE Transactions on Neural Networks and Learning Systems, IEEE Computational Intelligence Magazine, IEEE Transactions on Artificial Intelligence,

Engineering Applications of Artificial Intelligence, and ECTI Transactions on Computer and Information Technology. She was a general chair of the IEEE International Conference on Computational Intelligence in Bioinformatics and Computational Biology (CIBCB 2016). She will be a general chair of the IEEE World Congress on Computational Intelligence (WCCI) 2024 (IEEE International Conference on Fuzzy Systems 2024). She was a Technical Program Chair, Organizing Committee in several major conferences including the IEEE International, Conference Fuzzy Systems. She is also a member of several important IEEE CIS technical committees.

Abstract: Data Analysis is a process to analyze data in terms of representing, describing, evaluating, interpreting the data using statistical methods. Data can come in the form of statistical representation or a vector of numbers in which numeric pattern recognition algorithms can deal with this type of data set. Another type of data can be in the form of syntactic data. For this type of data set, there is another research branch in pattern recognition called syntactic pattern recognition that is able to analyze it. Each sample in syntactic data set is normally represented as a string. The strings in the same data set can have different lengths. Also, the string does not have any mathematical meaning that we can calculate as if they are vectors of numbers.

One of the popular theories used in data analysis is Fuzzy set theory, an extension of the classical set introduced by Lotfi Zadeh in 1965. Since then, there are many theories and applications developed based on Fuzzy set theory. In this talk, there are three parts on the utilization of the Fuzzy pattern recognition in data analysis. First, we will show how to develop a fuzzy algorithm in a decision making when the data are a collection of fuzzy vectors (a vector of fuzzy numbers). Another is how to incorporate the Fuzzy set theory into a set of feature generation in the classification problem. The last part of the talk is how to incorporate the Fuzzy set theory into string grammar pattern recognition. All algorithms in this talk are developed at Computational Intelligence Research Laboratory, Chiang Mai University. In each part of the talk, we will show applications of these algorithms in several real-world problems, e.g., sign language translation system, face recognition, health applications and person identification.

Vaanathi Sundaresan, Indian Institute of Science, Bangalore, India

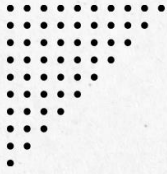


Bio: Dr. Vaanathi Sundaresan is an Assistant Professor at the Department of Computational and Data Sciences (CDS) , Indian Institute of Science (IISc), Bangalore. She is also the convenor of Biomedical image Analysis (BioMedia) laboratory at CDS, IISc. Prior to this appointment, she was working as a postdoctoral research fellow at Athinoula A. Martinos Centre, Department of Radiology, Harvard Medical School and Massachusetts General Hospital. She

received my doctorate degree at Oxford Centre for function MRI of Brain (FMRIB), Wellcome Centre for Integrative Neuroimaging (WIN), University of Oxford. Later, she continued her research at WIN as a Postdoctoral researcher, where she is currently affiliated as an Honorary Research Fellow. She has over 9 years of experience in open source tool development for medical imaging applications.

Abstract: The talk will provide an overview of application of artificial intelligence (AI) for identifying medical imaging biomarkers for precision medicine. This includes the speakers' experience with development of AI models for accurate automated segmentation of pathological findings in medical imaging modalities and analysis of their clinical impact at the population-level. Another key discussion point of the talk will be to improve the robustness of the deep learning tools by tackling various practical challenges in the AI-based tool development such as limited availability of manually labelled data for training, domain shift in the data acquired from different centres and lack of variability in the low data regimes. Future opportunities of the research include for the detection of anomalies (abnormalities) using multiple diverse imaging modalities, and their classification and quantification.

5. Event Schedule



IEEE CIS Workshop on Women in Artificial Intelligence Jan 22, 2024, IIT Indore, India

SCHEDULE

Time (IST)	Event	Venue
DAY-1 (21/01/2024)		
18:00 - 20:00	Oral Presentation	Online
DAY-2 (22/01/2024)		
14:30 - 14:50	Inauguration Ceremony	POD 1D - 105
14:50 - 15:05	Hi-Tea Break	POD 1D - 105 (Outside)
15:05 - 15:50	Keynote Talk: Sushmita Mitra	POD 1D - 105
15:50 - 16:00	Tea Break	POD 1D - 105 (Outside)
16:00 - 16:45	Keynote Talk: Vaanathi Sundaresan (Online)	POD 1D - 105
16:45 - 17:30	Keynote Talk: Sansanee Auephanwiriyaikul (Online)	POD 1D - 105
17:30 - 17:50	Closing Ceremony	POD 1D - 105
17:50 - 18:45	Dinner	Carbon Building

6. Posters and Banners



The banner features a central image of a glowing blue and purple AI head with circuit patterns. The background is dark with various digital icons like a padlock, a globe, and a network diagram. Logos for IEEE Computational Intelligence Society (Madhya Pradesh Chapter), IEEE MP SECTION, and IIT Indore are at the top. The text 'IEEE CIS Workshop on Women in Artificial Intelligence' is prominently displayed in white and yellow, with the date and location 'January 22, 2024; IIT Indore' below it.

IEEE Computational Intelligence Society
Madhya Pradesh Chapter

IEEE
MP SECTION

IEEE Computational Intelligence Society

Keynote Speakers

 **Prof. Sushmita Mitra**
Indian Statistical Institute
Kolkata, India

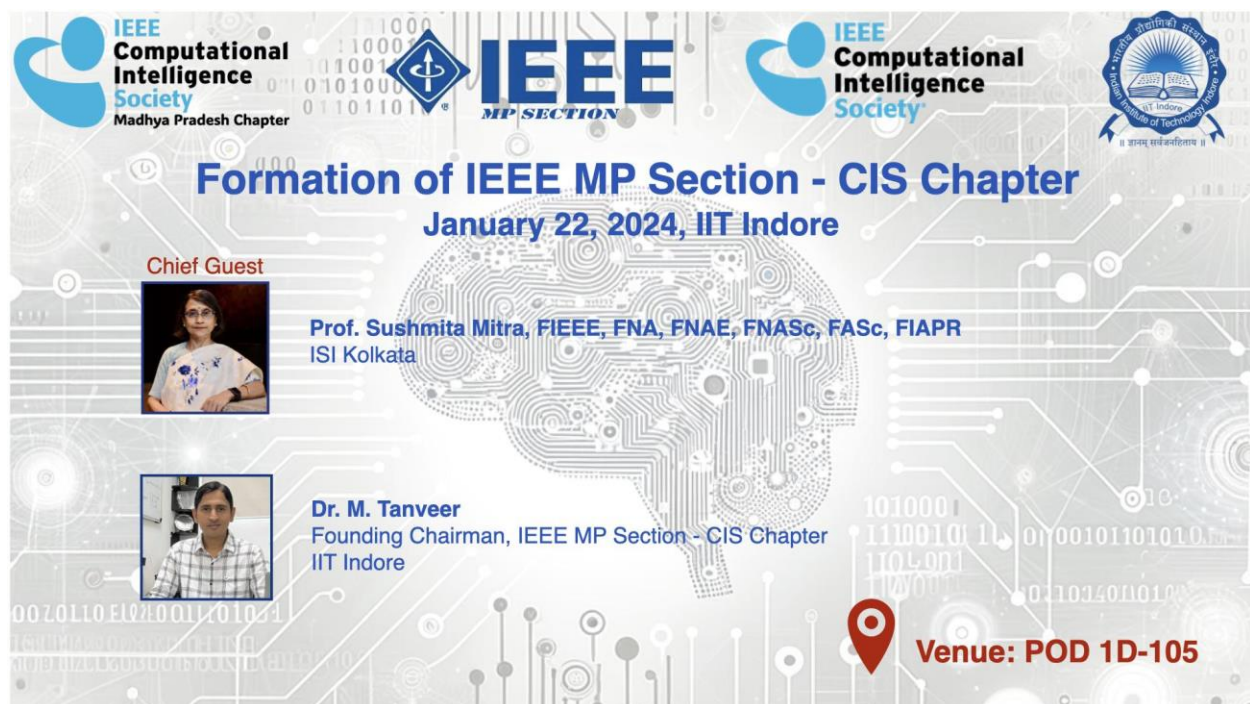
 **Dr. Sansanee Auephanwiriyakul**
Chiang Mai University,
Thailand

 **Dr. Vaanathi Sundaresan**
Indian Institute of Science
Bangalore, India

Coordinator:
Dr. M. Tanveer
IIT Indore

Venue: POD 1D-105

Organized By:
IEEE MP Section - CIS Chapter, IIT Indore



The banner features a central image of a glowing blue and purple AI head with circuit patterns. The background is light gray with various digital icons like a padlock, a globe, and a network diagram. Logos for IEEE Computational Intelligence Society (Madhya Pradesh Chapter), IEEE MP SECTION, and IIT Indore are at the top. The text 'Formation of IEEE MP Section - CIS Chapter' is prominently displayed in blue, with the date and location 'January 22, 2024, IIT Indore' below it. A red location pin icon is at the bottom right.


IEEE Computational Intelligence Society
Madhya Pradesh Chapter


IEEE
MP SECTION

IEEE Computational Intelligence Society

Formation of IEEE MP Section - CIS Chapter
January 22, 2024, IIT Indore

Chief Guest

 **Prof. Sushmita Mitra, FIEEE, FNA, FNAE, FNASc, FASc, FIAPR**
ISI Kolkata

 **Dr. M. Tanveer**
Founding Chairman, IEEE MP Section - CIS Chapter
IIT Indore

Venue: POD 1D-105



IEEE CIS Workshop on **Women in Artificial Intelligence** January 22, 2024, IIT Indore

Keynote Speakers



Sushmita Mitra
Indian Statistical Institute
Kolkata, India



Sansanee Auephanwiriyaikul
Chiang Mai University
Thailand



Vaanathi Sundaresan
Indian Institute of Science
Bangalore, India

Venue: POD 1D-105

Coordinator:
Dr. M. Tanveer
IIT Indore

Organized By:
IEEE MP Section - CIS Chapter, IIT Indore



IEEE CIS Workshop on **Women in Artificial Intelligence** January 22, 2024, (in Hybrid Mode) IIT Indore

Organizing Committee	About
<p>Patron Suhas S. Joshi, Director, IIT Indore</p> <p>Coordinator M. Tanveer, IIT Indore, India</p> <p>Advisory Committee</p> <ul style="list-style-type: none"> • Sushmita Mitra, ISI Kolkata • Lipika Dey, Tata Consultancy Services • Suparna Bhattacharya, Hewlett Packard • Sansanee Auephanwiryakul, Chiang Mai University, Thailand • Sriparna Saha, IIT Patna • Aruna Tiwari, IIT Indore • Nelishia Pillay, University of Pretoria, South Africa 	<p>Workshop</p> <p>This event is for the organization of the workshop on “Women in Artificial Intelligence” under the auspices of the IEEE CIS Chapter, IIT Indore, MP Section. This workshop aims to empower and support women in the field of artificial intelligence (AI) while providing opportunities to help them succeed and thrive in this industry. The primary objectives of the workshop include the following:</p> <ul style="list-style-type: none"> • Empowerment: Empower women by providing them with the skills, knowledge, and resources necessary to succeed in AI. This may include technical skills, leadership development, and networking opportunities. • Awareness and Advocacy: Increase understanding and awareness of artificial intelligence concepts, technologies, and applications among participants. • Networking: Provide a platform to connect with peers, mentors, and leaders in the AI community. Networking can be a powerful tool for career development.
<p>Important Details</p> <ul style="list-style-type: none"> • Pre-Registration (For offline participation): Dec 28, 2023 – Jan 08, 2024 • Registration (For offline participation): Jan 9, 2024 – Jan 13, 2024 • Registration (For online participation): Jan 14, 2024 - Jan 18, 2024 • Workshop Date: Jan 22, 2024 • Registration Link: Click Here or Scan QR Code  <ul style="list-style-type: none"> • Registration Fee (Online Participation): Rs. 500/- • Note: The workshop invites all genders, UG, PG, Ph.D., and professional applicants. 	<p>IIT Indore</p> <p>IIT Indore is one of the premier institutes under the Ministry of Human Resource Development (MHRD), Govt. of India. IIT Indore was founded in 2009 by the Govt. of India. In this short span of time, IIT Indore has positioned itself as a vibrant center for outstanding research. Multidisciplinary research at IIT Indore has been recognized at international level with active participation in several key international projects and several joint collaborations with academic/research institutions in Japan, Norway, USA, Germany, France, Singapore and many other countries. The institute is growing rapidly as the only center for advanced learning and knowledge-dissemination in the pure and applied sciences in Central India.</p> <p>Read more at https://iiti.ac.in.</p> <p>Key highlights of the event</p> <ul style="list-style-type: none"> • Formal inauguration of IEEE MP Section CIS Chapter. • Talk by Keynote Speakers. • Oral/Poster presentations.
<p>Contact Us</p> <p>Dr. M. Tanveer Founding Chair, IEEE CIS Chapter - MP Section Associate Professor and Ramanujan Fellow Indian Institute of Technology Indore Email: mtanveer@iiti.ac.in Mobile: +91-9413259268 Page: https://www.iiti.ac.in/people/~mtanveer/</p>	<p>Keynote Speakers</p> <ul style="list-style-type: none"> • Sushmita Mitra, Indian Statistical Institute, Kolkata, India • Sansanee Auephanwiryakul, Chiang Mai University, Thailand • Vaanathi Sundaresan, Indian Institute of Science, Bangalore, India <p>• For more details, please visit: http://events.iiti.ac.in/ieecis-wai/</p>
<p>Organized By: IEEE MP Section - CIS Chapter, IIT Indore</p>	

7. Activity Photos

Opening Ceremony







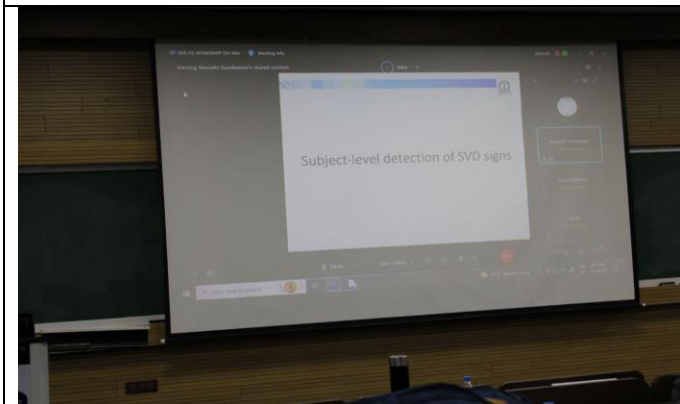
Keynote Talks



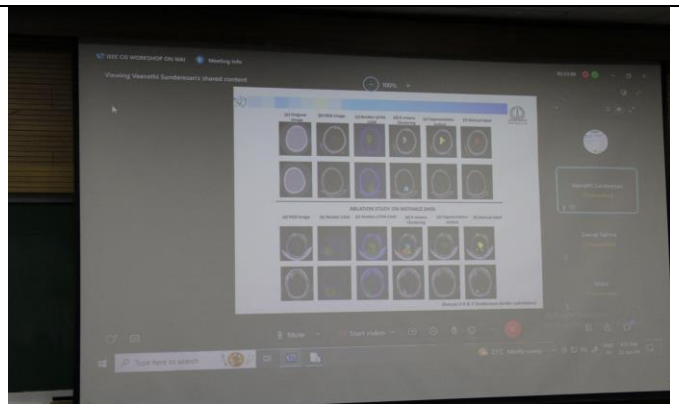
Sushmita Mitra



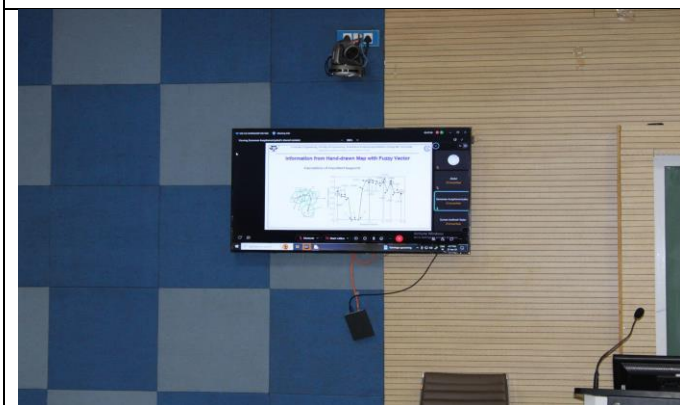
Sushmita Mitra



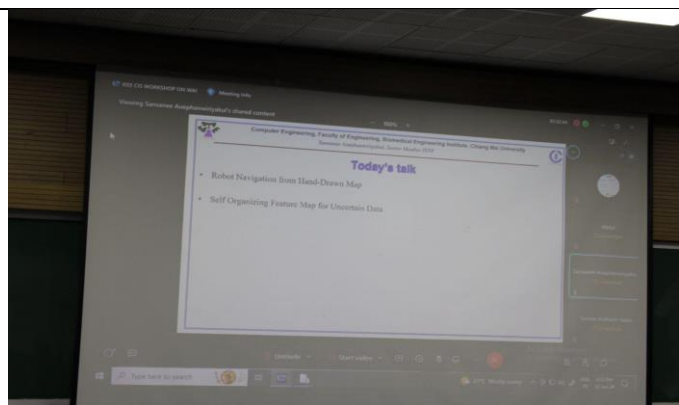
Vaanathi Sundaresan



Vaanathi Sundaresan



Sansanee Auephanwiriyaikul



Sansanee Auephanwiriyaikul

Closing Ceremony





8. Participant Details

S. No.	Name	Affiliation
1	Ujavala Gorakh Langhi	IIT Indore
2	Dr. Ratnalata Gupta	Shivajirao Kadam Institute of Technology & Management (SKITM), Indore
3	Dr. Mamta Punjabi	Shivajirao Kadam Institute of Technology & Management (SKITM), Indore
4	Solomon Abebe Nurye	IIT Indore
5	Pankaj Saha	IIT Indore
6	Doli Uppal	IIT Indore

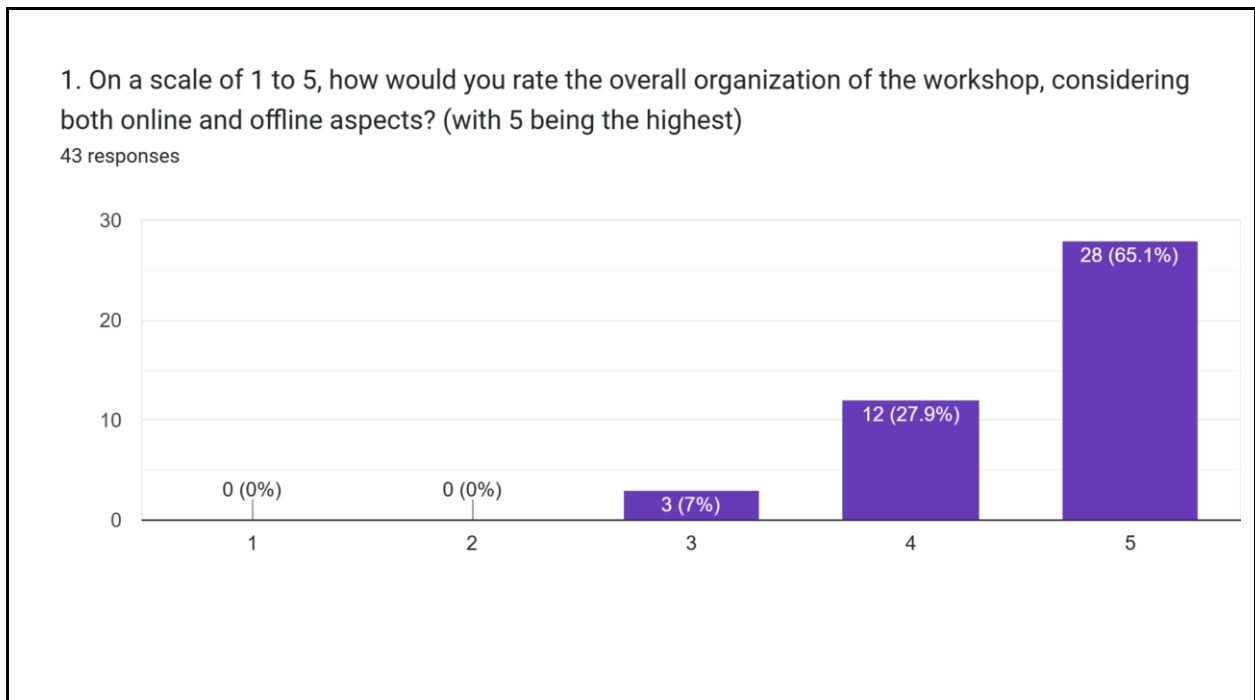
7	Anshul	IIT Indore
8	Sujata Gudge	IIT Indore
9	Rajesh Dwivedi	IIT Indore
10	Nishi Thakur	IIT Indore
11	Dr. Asmita Rajawat	Acropolis Institute of Technology and Research
12	Mahak Patidar	Shivaji Rao Kadam Institute of Technology and Management (SKITM), Indore
14	Tanisha Patidar	Shivaji Rao Kadam Institute of Technology and Management (SKITM), Indore
15	Akash Tayal	IIT Indore
16	Ruchi	NSUT, Delhi
17	Pratibha Singh Tomar	SAGE University, Indore
18	Ilma Athar	Aligarh Muslim University
19	Gousia Habib	IIT Delhi
20	Shalini Dangi	IIT Indore
21	Dr. Alpana Deshmukh	Acropolis Institute of Technology and Research Indore
22	Sharmila S P	IIT Indore
23	Shraddha Bhurre	IIPS, DAVV Indore (International Institute of Professional Studies)
24	Gurpreet Kaur Khanuja	Davv
25	Moksha Pathak	IIT Indore
26	Sreeparna Ganguly	Indian Institute of Information Technology Kalyani
27	Rajul Dwivedi	IIT Dhanbad
28	Prince Vishwakarma	IIT Indore

29	Ananya Sinha	Chennai Mathematical Institute
30	Dr. Anuradha Purohit	Shri G. S. Institute of Technology and Science Indore
31	Akshat Mishra	IIT Indore
32	Deepika Saraswat	SAGE University
33	Priyanshi Soni	DAVV
34	Md Sajid	IIT Indore
35	Dr Muzafar Rasool Bhat	Islamic University of Sacione and Technology, Kashmir
36	Mushir Akhtar	IIT Indore
37	Abdul Quadir	IIT Indore
38	Anuradha Kumari	IIT Indore
39	Ashwani Kumar Malik	IIT Indore
40	Aroof Aimen	IIT Indore
41	Neha	UGC
42	Dr. Rekha Ranawat	UGC
43	Dr. Smita Sharma	Amity University Greater Noida
44	Suman Avdhesh Yadav	Amity University Greater Noida
45	Shubhi Gupta	Amity University Uttar Pradesh
46	Jain Rinkal Rajeshkumar	Pandit Deendayal Energy University
47	Dr. Sapna Nigam	ICAR-Indian Agricultural Statistics Research Institute
48	Pinki Khatun	IIT Indore
49	Nikita	NIT Jalandhar
50	G Shravani	JNTU Hyderabad

51	Solanki Aartiben Jatin Kumar	
52	Dr. K. Hima Bindu	NIT Andhra Pradesh
53	Dr. Nirupma Tiwaru	UGC
54	Sanju Singh	Siddhachalam Laboratory, Raipur
55	Jyoti Singh Kirar	
56	Aashu	IIT Roorkee
57	Rahul Kumar Sharma	IIT Indore
58	Madhu	IIT Indore
59	Ritik Mishra	IIT Indore
60	Dr. Aaisha Makkar	University of Derby, United Kingdom
61	Mohd Kashif	IIT Patna
62	Zaina Ali	IPS Academy
63	Deepanjan Sen	Dr. B. C. Roy Academy of Professional Courses
64	Dr. Kriti Agrawal	IMS Unison University, Dehradun
65	Anjali Trivedi	Maharaja Krishnakumarsinhji Bhavnagar University
66	Dr. Richa Sharma	Bennett University, The Times Group
67	Dr. Preeti Trivedi	SGSITS Indore
68	Zeenat Fatima	Aligarh Muslim University
69	Chandra Shekhar Gautam	UGC
70	Pragya Shrivastava	AKS University
71	Laxmi Narayan Soni	UGC
72	Anshita Agrawal	AKS University
73	Priya Dey	Visva-Bharati Central University

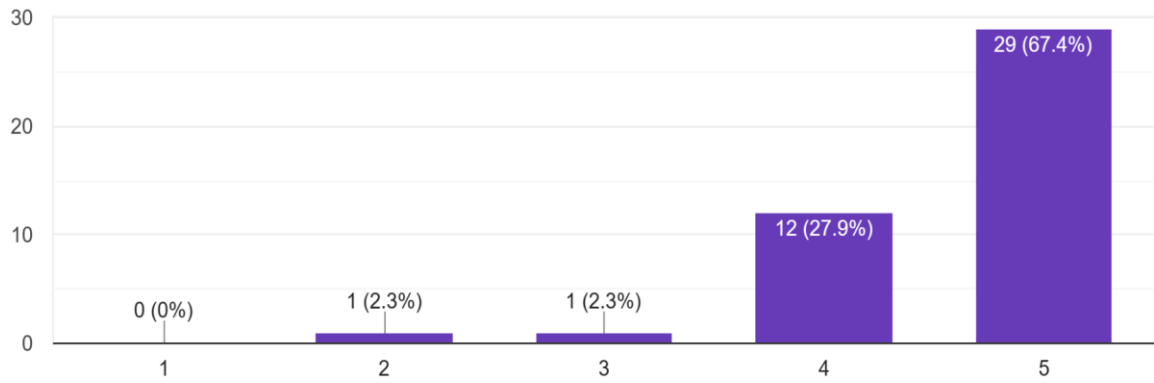
74	Purvi Choure	Devi Ahilya Vishva Vidhyalaya
75	Rupali BhartiyaA	Vaishnav Vidyapeeth Vishwavidyalaya
76	Swagatika Lenka	

9. Feedback from the participants of the IEEE CIS Workshop on Women in Artificial Intelligence



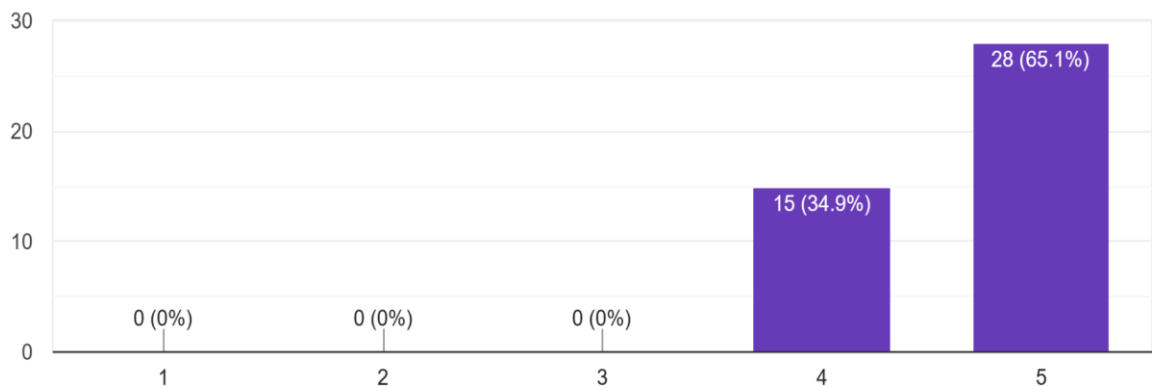
2. On a scale of 1 to 5, how impactful did you find the formal inauguration of the IEEE MP Section - CIS Chapter in knowledge sharing within the field of...putational Intelligence? (with 5 being the highest)

43 responses



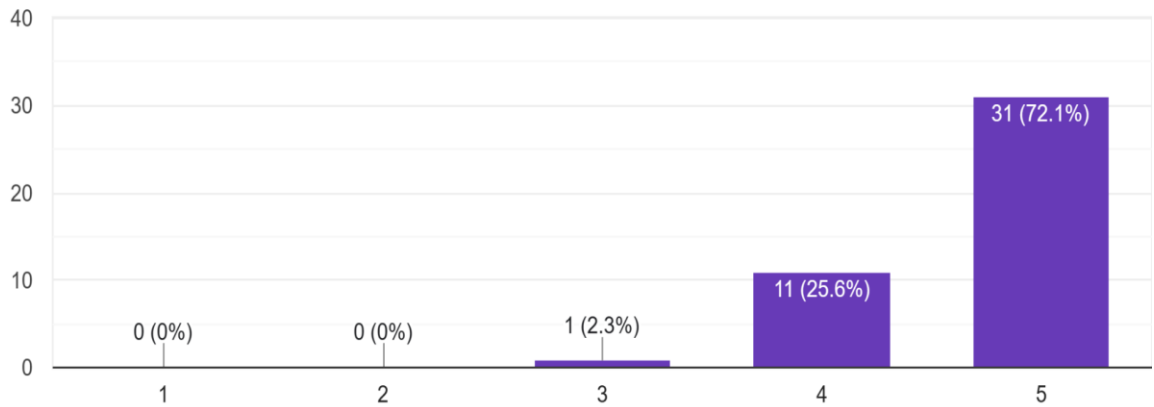
3. Please rate the keynote talk by Prof. Sushmita Mitra on a scale of 1 to 5, with 5 being the highest.

43 responses



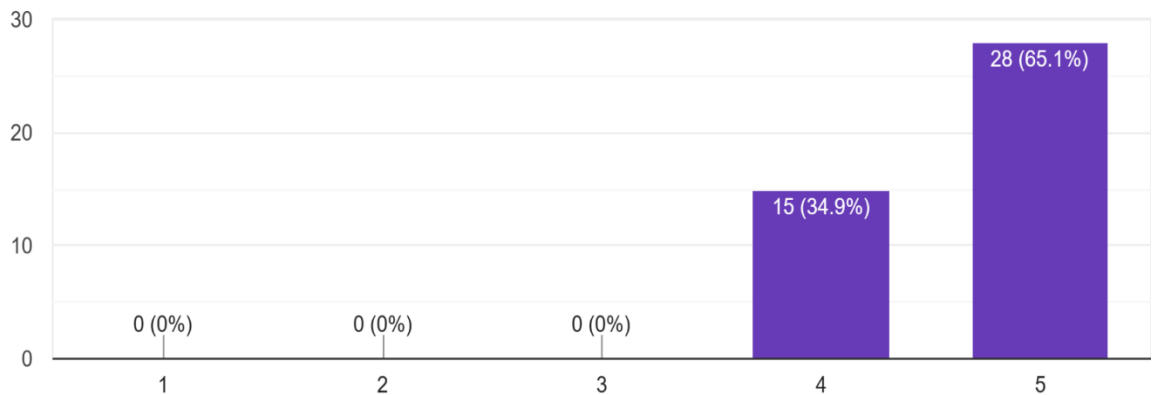
4. Please rate the keynote talk by Dr. Vaanathi Sundaresan on a scale of 1 to 5, with 5 being the highest.

43 responses



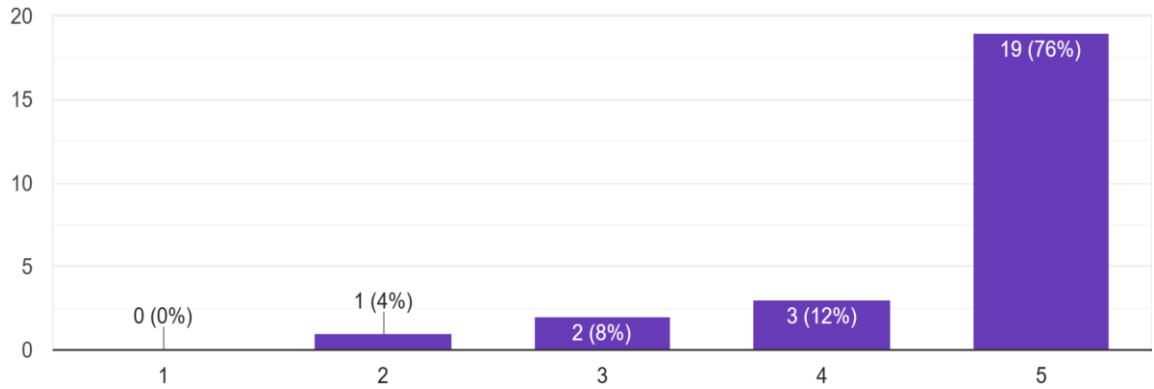
5. Please rate the keynote talk by Dr. Sansanee Auephanwiriyaikul on a scale of 1 to 5, with 5 being the highest.

43 responses



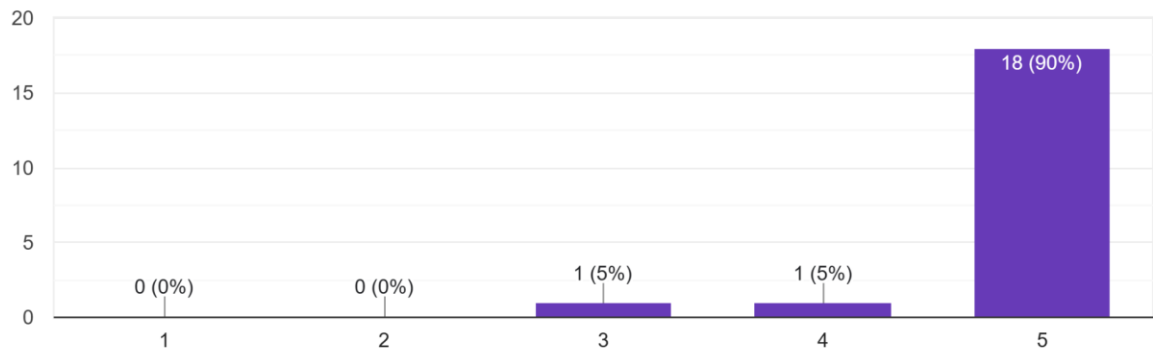
6. On a scale of 1 to 5, how would you rate the hospitality and friendliness of the event organizers (for offline participants)?

25 responses



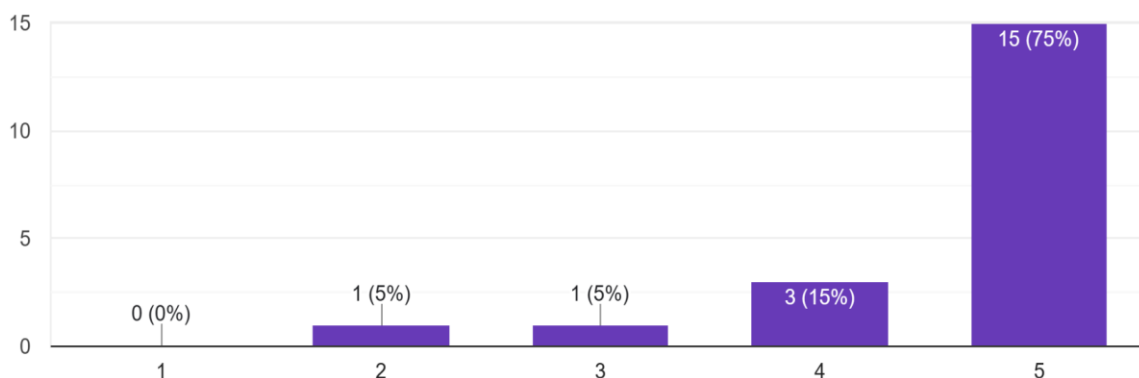
7. On a scale of 1 to 5, how would you rate the quality of the food provided during the event (for offline participants)?

20 responses



8. On a scale of 1 to 5, how satisfied were you with the accommodation arrangements (for the offline participants)?

20 responses



10. IEEE CIS Member Drive

During the IEEE CIS Member Drive, we had the privilege of sharing the extensive benefits of IEEE membership with all participants in the workshop dedicated to IEEE Women in Artificial Intelligence. IEEE membership provides a unique avenue for women professionals and researchers in AI to connect, collaborate, and thrive in a supportive community. Members gain access to a global network of experts, cutting-edge resources, and valuable opportunities for professional development. The IEEE community, particularly in the context of Women in AI, fosters inclusivity, mentorship, and empowerment, providing a platform for women to excel in their careers. By emphasizing these benefits, we aimed to encourage active participation, networking, and knowledge exchange within the IEEE community, supporting the growth and success of women in the dynamic field of Artificial Intelligence.

The following are the key benefits highlighted:

1. Online access to IEEE Computational Intelligence Magazine.
2. Delivery of monthly CIS E-Newsletter, with the most up-to-date information about the CIS field, events, and information about activities in the Society.

3. Online access to our significant journals:
 - IEEE Transactions on Neural Networks and Learning Systems
 - IEEE Transactions on Fuzzy Systems
 - IEEE Transactions on Evolutionary Computation
 - IEEE Transactions on Emerging Topics in Computational Intelligence
4. Members of CIS can subscribe to additional publications at discounted prices. These include:
 - IEEE Transactions on Artificial Intelligence
 - IEEE Transactions on Biomedical Circuits and Systems
 - IEEE Transactions on Cognitive and Developmental Systems
 - IEEE Transactions on Games
 - IEEE Transactions on Computational Social Systems
 - IEEE Transactions on Affective Computing
 - IEEE Transactions on Big Data
 - IEEE Transactions on NanoBioscience
 - IEEE Transactions on Smart Grid
5. IEEE Members will receive discounts to attend the following CIS Sponsored Conferences
 - IEEE Congress on Evolutionary Computation (CEC)
 - IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)
 - International Joint Conference on Neural Networks (IJCNN)
 - IEEE Conference on Games (CoG)
 - Joint IEEE International Conference on Development and Learning and Epigenetic Robotics (ICDL-EpiRob)
 - IEEE International Conference on Data Science and Advanced Analytics (DSAA)
 - IEEE International Conference on Computational Intelligence in Bioinformatics and Computational Biology (CIBCB)
 - IEEE Symposium Series on Computational Intelligence (SSCI)

Student Members

6. opportunity to apply for an IEEE CIS Graduate Student Research Grant.
7. opportunity of applying to receive a travel grant to attend a CIS sponsored conference.
8. You can organize or join a CIS Student Chapter at your university.
9. You have the opportunity of finding a mentor.

Photos Related to Membership Drive



REGISTRATION DESK

IEEE CIS MEMBERSHIP DRIVE

Organized By: IEEE MP Section – CIS Chapter

11. Impacts and Discussions

The recent workshop organized by the IEEE MP Section CIS Chapter focusing on Women in Artificial Intelligence (AI) is a testament to the society's commitment to diversity, inclusivity, and the promotion of cutting-edge research in the field.

1. The IEEE Computational Intelligence Society (CIS) stands as a global hub for professionals committed to advancing both the theory and application of computational intelligence. With a resolute mission, the society actively promotes the development and utilization of computational intelligence techniques to address real-world challenges. The formation of the IEEE MP Section - CIS Chapter marks a significant step forward to play a pivotal role in extending the reach of CIS to a broader audience. The impacts of such a chapter are far-reaching, contributing to the enrichment of both academic and practical facets of computational intelligence.
2. Fostering a Collaborative Platform:
The workshop served as an excellent platform for professionals and researchers to come together, share insights, and foster collaboration. By specifically focusing on women in AI, the event created a unique space for networking and exchanging ideas, contributing to the growth of a supportive community within the broader CIS framework.
3. Encouraging Women in AI Research:
One of the primary goals of the workshop was to encourage and empower women in the field of AI research. By highlighting the achievements and expertise of women in computational intelligence, the event served as inspiration for aspiring researchers. It is crucial to recognize and celebrate the contributions of women in AI to create a more inclusive and diverse research community.
4. Promoting Computational Intelligence Activities:
The workshop showcased the latest advancements and applications in computational intelligence. This serves the broader mission of the IEEE CIS

to promote the development and application of computational intelligence techniques to solve real-world problems.

5. Expanding Outreach to the Broader Community:

The workshop extends the reach of computational intelligence activities to the broader community, emphasizing the societal impact of AI research. By encouraging women to actively participate in AI research, the IEEE MP Section CIS Chapter contributes to a more comprehensive and diverse perspective in tackling real-world challenges.

In conclusion, the IEEE CIS Workshop on Women in Artificial Intelligence organized by the IEEE MP Section CIS Chapter has made significant strides in promoting diversity, collaboration, and excellence within the computational intelligence community. The professional impacts and discussions generated during this event will undoubtedly contribute to the advancement of AI research and the broader goals of the IEEE CIS.

12. Acknowledgement

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