

IEEE WOMEN IN ENGINEERING AFFINITY GROUP

IEEE PUNE SECTION

In Association with

SYMBIOSIS INSTITUTE OF COMPUTER STUDIES AND RESEARCH

SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY), PUNE, INDIA

**2024 First IEEE International
Conference for Women in Computing
(InCoWoCo)**

14-15, November 2024

Venue:

SYMBIOSIS INSTITUTE OF COMPUTER STUDIES AND RESEARCH

Atur Centre, Model Colony, Pune

Our Partners

Our Partners



IEEE Conference Record #64194
Website: www.incowoco.com
E-mail: incowoco24@iccsr.ac.in

SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

(Established under Section 3 of the UGC Act, 1956) | Re-accredited by NAAC with 'A++' grade | Awarded Category - I by UGC

Topic/ Title of Event 2024 First IEEE International Conference for Women in Computing (InCoWoCo)

1. Type of Event:

Conference <input checked="" type="checkbox"/>	Seminar	FDP	SDP	Others, Specify
Guest Lecture	Webinar	MDP	Industrial Visit	

2. Date/ Duration of Event Date: (2024/ 11/13) to (2024/11/15): 3 days

3. Mode (tick):

Online	Offline	Blended	<input checked="" type="checkbox"/>
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4. Collaboration, if any.

Name of Organization	Symbiosis School of Banking and Finance, SIU	Outside SIU IEEE Women in Engineering AG, IEEE Pune section, Education Society, IEEE Pune section Diligentech Solutions
Sponsorship, if any		

5. Objective of Event:

- Encourage Women to present their research outcomes
- Provide a platform to researchers to discuss and deliberate on the cutting edge technologies related to computing
- Offer an opportunity to network and collaborate

6. Event contributing to SDGs (Global/ National/ Regional/ Local requirement). Yes/ No

If Yes, Specify the SDG No. and event contribution in 50 words max.

Yes, Global,

SDG 4, SDG 5, SDG 9

7. Event usefulness leading to - Employability/ Entrepreneurship/ Skill Development/ IPR/ Innovation/ Professional Ethics/ Gender/ Environment etc. Yes/ No

If Yes, Specify in 50 words max.

IPR in the form copyrights generated.

The research articles presented were included in the IEEE digital Library-IEEEExplore

8. Name of Faculty Coordinators:

Dr.Jatinderkumar R. Saini, Professor & Director, SICSR

D.Rajashree Jain, Professor, Pune

9. Resource Persons: *Provide brief profile of resource person(s) in Brochure/ Information Manual*

Annexure A: Speaker List

S.No.	Name and Designation	Organization	Contact (Email & Ph. No.)

10. Total Number of Participants: Annexure B

Students	Faculty	Staff	Total Participants
			134

a. Student Attendance (*Annex attendance details in the below-given format*)

S.No.	Name of Student	PRN	Program & Sem	Signature (Yes/No) in case of online)

b. Faculty/ Staff Attendance (*Annex attendance details in the below-given format*)

S.No.	Name Faculty/ Staff	Department	Signature (Yes/No) in case of online)

11. Programme Schedule (Minute to Minute)

Annexure B

12. Description of Event (max. 250 words)

2024 First IEEE International Conference for Women in Computing (InCoWoCo 2024) was proposed as a global series and an annual flagship conference by IEEE WiE Affinity Group of IEEE Pune section. The series, started in the year 2024, has been planned to provide a common platform for researchers, especially women, from across the world to deliberate on broad understanding of computing concepts and its technical and business practices in the world of technological advancements. The conference aimed at offering a great opportunity to bring together female professors, researchers and scholars around the globe, a great platform to deliver the latest innovative research results and the most recent developments and trends in Engineering, Science and Technology fields. The conference featured invited talks from eminent personalities all around the world, pre-conference tutorial/workshops and referred paper presentations. The vision of InCoWoCo 2024 is to foster communication among researchers and practitioners working in a wide variety of the above areas in Engineering, Science and Technology. Potential number of women participants gather at InCoWoCo to present research results, share visions and ideas, obtain updates on latest technologies and expand professional and social networking. The conference was held in Hybrid Mode.

The conference sought submissions from women (at-least one author should be a female in the paper) working in Industry, Government and Academia showcasing Offbeat Interdisciplinary Research Papers on practical as well as theoretical aspects of Engineering, Science and Technology which is covered by the scope of IEEE. Interdisciplinary papers which focus on Functional aspects of Computing, Implementation of Electronics Technology and Employing Communication Engineering are encouraged.

Tracks

The conference received manuscripts for the following tracks

- Track 1 – Applied Artificial Intelligence, Cyber Security and Data Science
- Track 2 – Communication, Network, Hardware, High Performance Computing and Cyber Physical Systems
- Track 3 – Technology for Banking and Finance
- Track 4 – Computing Education and Research, Innovation and Entrepreneurship
- Track 5 – Computing Medicine and Healthcare
- Track 6 – STEM Leadership
- Track 7 - Computing for Environmental Engineering and Climate Change

Conference partners

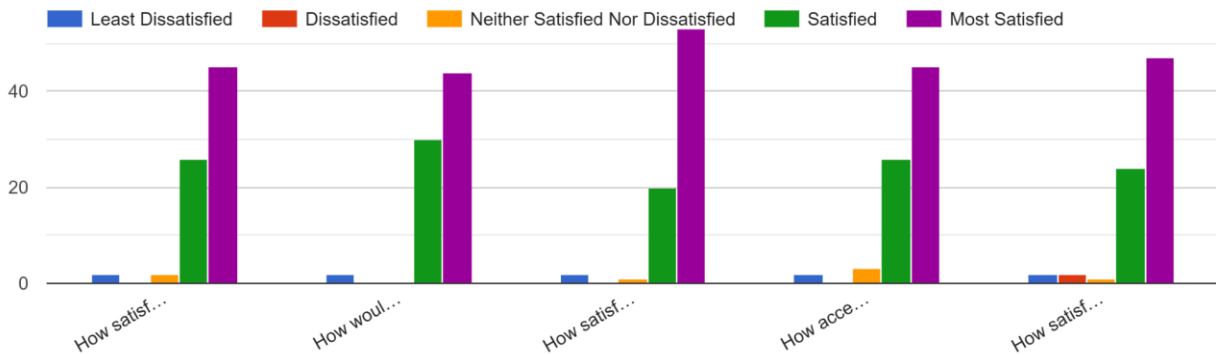
InCoWoCo 2024 is technically co-sponsored by IEEE Women in Engineering Affinity Group Pune and IEEE Pune Section and was organized by the Symbiosis Institute of Computer Studies and Research (SICSR), Symbiosis International (Deemed University), Pune, Maharashtra, India. . The conference had collaboration from our sister institutions like Symbiosis School of Banking and Finance especially for Track 3 and Education Society, IEEE Pune Section.

Conference Proceedings

The proceedings of InCoWoCo 2024 will be forwarded to IEEE for possible publication in the IEEE Xplore, the digital library of IEEE. The IEEE conference record of InCoWoCo 2024 is #64194.

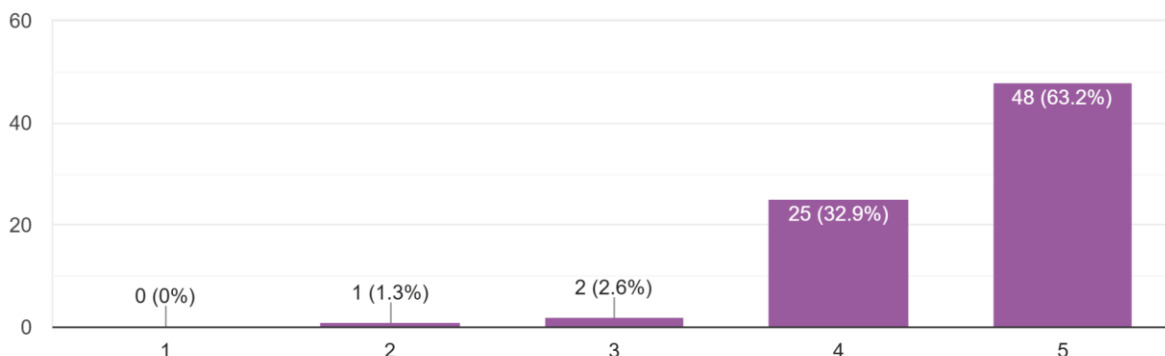
13. Feedback Analysis (preferably create a graphical representation):

Please share your valuable feedback



How would you rate the overall experience of InCoWoCo 2024?

76 responses



14. Details of Achieved Outcomes (Whether the objectives were achieved and an inclusive environment was created?)

The aggressive marketing strategies from the conference committee resulted in an overwhelming response. We have received 819 papers from across the world including countries like India, USA, UK, Australia, Malaysia, Sri Lanka, Turkey, Bangladesh etc.

Total number of papers received.: 819

Author Countries: India, China, UK, USA, Sri Lanka, Turkey, Malaysia

Total Number of Accepted paper: 221

Acceptance Ratio: 27% acceptance rate

No. of registered papers: 140

Sessions Held: 4 parallel Tracks, 25 sessions, 2 days, 2 keynotes, 1 panel discussion along with inauguration and Valedictory

Chief Guest:Dr.Perna Gaur, Director, NSUT, Delhi and First Female Chair Elect, IEEE India Council

- Panel discussion (with 6 panelists from India and abroad) on Harnessing AI for sustainable future _Innovation, **Impact and Inclusion**
- UN SDGs addressed by the InCoWoCo 2024 : 5, 9, 10

15. Photographs/ Press Note/ Media Coverage:

Conference Gallery

Dr.Saini, General Chair, ICCOWOCO 2024, and Professor & Director SICSR, addressing during conference inauguration



Best paper Awardees with Session Chairs



Best paper Awardees with Session Chairs

Annexure A : Speakers and Guest

S.No.	Name and Designation	Organization
1	Dr. Amar Buchade,	Vice- Chairperson, IEEE Pune Section & Gen. Co-Chair, IEEE InCoWoCo 2024
2	Dr. Surekha Deshmukh,	Chairperson, IEEE Pune Section & Hon. Chair, IEEE InCoWoCo 2024
3	Cathleen Kramer	President IEEE 2024
4	Dr. Tangaprakash Sengodan,	Chief Executive, Diligentec Solutions
5	Dr. Ramakrishnan Raman,	Vice Chancellor, Symbiosis International (Deemed University), Pune & Patron, IEEE InCoWoCo 2024
6	Dr. Purna Gour,	Chair, Elect, IEEE India Council & Director, Netaji Subhash University of Technology, New Delhi
7	Dr. Priya Gokhale,	General Chair, IEEE InCoWoCo 2024
8	Jyothica Athawale	President, IEEE computer Society
9	Deepak Mathur	Vice President, IEEE MGA 2024
10	Dr.Preeti Bajaj	Director General KIET group of Institutions, Ghaziabad, UP
11	Ms. Deepthi Setlur,	Chief Technology Officer at Fruition Technology Labs and AquaVapor
12	Ms. Sadhana Attavar,	Former Director at Visvesvaraya Museum, Bengaluru
13	Dr. Neha Parashar, Director,	Symbiosis School of Banking and Finance, Pune
14	Dr. Vishal Toro,	Clean Energy Access Network (CLEAN), Pune
15	Abhijit Khurpe,	Secretary, IEEE, Pune
16	Mandar Bhawalkar,	Treasurer, IEEE, Pune
17	R. D. Kharadkar, Director	Campus Director, GHRCOEM, Pune

Annexure B: Attendance and Programme Schedule
2024 IEEE International Conference on Women in Computing (INCOWOCO)
(13-15, November 2024)

Inaugural Programme

Day: Wednesday, 13th November 2024

Venue: SIMS, Auditorium, Khadki, Pune

Details	Time (IST)
Opening of Inaugural Ceremony, Invocation and Lighting of Lamp by the Dignitaries	5:00 PM – 5:05 PM
Conference preamble by Dr. Rajashree Jain, General Chair, IEEE InCoWoCo 2024	5:05 PM – 5:10 PM
Welcome address by Dr. Jatinderkumar R.Saini, Professor & Director, SICSR & Hon. Chair, IEEE InCoWoCo 2024	5:10 PM – 5:15 PM
AV message by Dr. Surekha Deshmukh, Chairperson, IEEE Pune Section & Hon. Chair, IEEE InCoWoCo 2024 AV message by Cathleen Kramer, President IEEE 2024	5:15 PM – 5:20 PM
Address by Dr. Amar Buchade, Vice- Chairperson, IEEE Pune Section & Gen. Co-Chair, IEEE InCoWoCo 2024	5:20 PM – 5:25 PM
Address by Guest of Honour -Dr. Tangaprakash Sengodan, Chief Executive, Diligentec Solutions	5:25 PM – 5:30 PM
Presidential address by Dr. Ramakrishnan Raman, Vice Chancellor, Symbiosis International (Deemed University), Pune & Patron, IEEE InCoWoCo 2024	5:30 PM – 5:37 PM
Address by Dr. Purna Gour, Chair, Elect, IEEE India Council & Director, Netaji Subhash University of Technology, New Delhi	5:37 PM – 5:40 PM
Felicitations*	5:40 PM – 5:50 PM
Vote of Thanks by Dr. Priya Gokhale, General Chair, IEEE InCoWoCo 2024	5:50 PM – 5:55 PM
Cultural Evening –“Vande Maharashtra” Students and Lavani Group	6:00 PM – 6:45 PM
Conference Dinner	7:00 PM onwards

Day 0, Wednesday, 13 November, 2024				
17:00 to 18:00	Inauguration			
18:00 to 18:45	Cultural Night			
18:45 to 19:30	Conference Dinner			
Day 1 , Thursday, 14 November 2024				
Time	Details	Speaker	Venue: SICSR and Online	
09:00 to 09:30	Keynote 1	Dr.Jyothika Athavale, President, IEEE Computer Society (Online mode)		
09:30 to 10:00	Keynote 2	Mr.Deepak Mathur, Vice President, IEEE MGA (Online mode)		
10:00 to 11:30	Session 1	Session 2	Session 3	Session 4
	6	6	6	6
11:30 to 11:45	Break			
11:45 to 13:15	Session 5	Session 6	Session 7	Session 8
	5	6	6	6
13: 15 to 14: 00	Lunch Break			
14: 00 to 15: 30	Session 9	Session 10	Session 11	Session 12
	5	6	6	6
15:30 – 15:45	Break			
15: 45 to 17: 15	Session 13	Session 14	Session 15	Session 16
	6	5	5	5
17.15 to 18.00	<p>Harnessing AI for Sustainable Futures: Innovation, Impact, and Inclusion – A panel Discussion</p> <p>Panel Moderator: Dr.Dimple Pal, TCS, Pune Esteemed Panelists</p> <ol style="list-style-type: none"> 1. Dr.Vishal Toro, Head - Advocacy & Member Engagement Organization: Clean Energy Access Network (CLEAN) 2. Dr.Preeti Bajaj – Director General KIET group of Institutions, Ghaziabad, UP 3. Deepthi Setlur, Chief Technology, AquaVapor ,Houston, Texas 4. Ms. Sadhana Attavar, Chair, IEEE HTA & Former Director at Visvesvarya Museum, Bengaluru 5. Dr. Neha Parashar, Director, Symbiosis School of Banking and Finance, Pune 			

Day 2 , Friday 15 November 2024

	Session 17	Session 18	Session 19	Session 20
10:00 to 11:30	6	6	6	6
11:30 to 11:45	Break			
11:45 to 13:15	Session 21	Session 22	Session 23	Session 24
	6	6	5	6
13:15 to 14:00	Lunch Break			
14:00 to 3:30	Valedictory			
3:45 to 4:15	Networking, Photographs, High Tea			