

**INTERNATIONAL CONFERENCE ON  
INTEGRATED RESEARCH AND SUSTAINABLE DEVELOPMENT  
(ICIRSD 2025)**

*Jointly with*

**45<sup>th</sup> GISFI STANDARDIZATION SERIES MEETING**

&

**INTERNATIONAL WORKSHOP ON  
“DIGITIZATION: BRIDGING THE PRESENT & FUTURE”**

**30<sup>th</sup> October to 1<sup>st</sup> November 2025**

**CHIEF PATRONS**

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Shikshan Prasarak Mandal,  
Ambap

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Director, Ashokrao Mane Group of Institutions,  
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**Prof. Dr. K. K. Aggarwal**  
President, South Asian University,  
New Delhi & Former Director- NBA

**Prof. Dr. Sibaram Khara**  
Vice Chancellor,  
Sharda University, Uttar Pradesh

**Prof. Dr. Dharmendra Kumar Singh**  
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Professor, KITCOE,  
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**CONFERENCE COORDINATORS**

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**WORKSHOP COORDINATORS**

Dr. J. M. Shinde, Dean, Student Affairs  
Dr. C. R. Dongarsane, HOD, EC  
Dr. V. S. Wadkar, HOD, EE



**Organized by**

Shri. Balasaheb Mane Shikshan Prasarak Mandal's, Ashokrao Mane Group of Institutions,  
Vathar Tarf Vadgaon (An Autonomous Institute), Kolhapur, Maharashtra, India (416 512) [www.amgoi.edu.in](http://www.amgoi.edu.in)

**Venue- Seminar Hall, AMGOI, Vathar**



**Day 01- 30<sup>th</sup> October, 2025 (Thursday)**

## Inaugural Session

Venue- Seminar Hall, AMGOI, Vathar	
<i>Time</i>	<i>Details</i>
08.30- 09.00	<b>Registration</b>
09.00	<b>Inaugural Session</b>
09.00-09.05	<b>Indian Auspicious Rituals</b>
09.05-09.10	<b>Welcome</b> Dr. (Mrs.) Sangeeta R. Chougule, Director, AMGOI
09.10-09.20	<b>Organization Overview</b> Prof. Pravin B. Ghewari, Campus Director, AMGOI
09.20-09.35	<b>Opening Message</b> Prof. Ramjee Prasad (Denmark), Founder President, CTIF Global Capsule, Founder Chair GISFI, Founder Chair/Co-Chair,GWS/ WPMC, Steering Board, Founder President, Vishwaniketan, Former Professor at Department of Business Development and Technology, Aarhus University, Herning Campus, Denmark.
09.35 – 09.45	<b>Speech by President</b> Hon. Shri. Vijaysinh Mane, President, SBMSPM, Ambap
09.45-10.00	<b>Introduction to Event</b> Dr. Mrs. Seema S. Patil, Convener (ICIRSD-2025), AMGOI
10.00- 10.15	<b>Speech by Chief Guest</b> 1. Prof. Dr. K. K. Agrawal President, South Asian University, New Delhi & Former Director- NBA. 2. Prof. Dr. Sibaram Khara Vice Chancellor, Sharda University, Uttar Pradesh
10.15- 10.30	<b>Invitee Guest</b> 1. Col. Prof. Karbhari Vishwanath Kale Vice-Chancellor, Dr. Babasaheb Ambedkar Technological University, Maharashtra, India. 2. Prof. Dr. Damodar Acharya Former Director, IIT Kharagpur 3. Prof. Peter Lindgren Vice-President, CTIF Global Capsule, Denmark 4. Prof. Dr. Uday B. Desai IIT Mumbai & Former Director, IIT Hyderabad
10.30-10.45	<b>Guest of Honor</b> 1. Mr. Ravi Dolli Proprietor, Castco and Managing Director, Mayura Steels Pvt. Ltd., Kolhapur 2. Mr. Kailash Medhe Founder & CEO, Skylark Digital Inc., USA and Director, Skylark Technologies, Kolhapur 3. Dr. Raman Batra Managing Director & CEO, YeniAI, Uttar Pradesh 4. Dr. Sandeep Inamdar Managing Trustee, Vishwaniketan, Mumbai, India
10.45-11.00	<b>Formal Announcement of</b> 1. Conference Proceedings of ICIRSD- 2025 2. MOUs with Foreign Universities & Industries
11.00-11.05	<b>Vote of Thanks</b> Dr. Amit S. Shelake, Co-convener (ICIRSD-2025), AMGOI
11.05- 11.30	Coffee break and networking



## Day 01- 30<sup>th</sup> October, 2025 (Thursday)

Venue- Seminar Hall, AMGOI, Vathar			
Time	Session		
11.30-11.50	<b>Keynote Session Chair and Speaker:</b> Prof. Dr. Sibaram Khara, VC, Sharda University, Uttar Pradesh (6G: A Game Changer for Holistic Global Development)		
11.50-12.10	<b>Keynote Speaker 1:</b> Prof. Dr. K. K. Agrawal, President, South Asian University, New Delhi		
12.10-12.30	<b>Keynote Speaker 2:</b> Prof. Peter Lindgren, Vice-President, CTIF Global Capsule, Denmark		
12.30-12.50	<b>Keynote Speaker 3:</b> Dr. Rajeev Shorey, Director, IIIT Surat		
12.50- 01.10	<b>Keynote Speaker 4:</b> Dr. Krishna Sirohi, Professor of Practice, IIT Delhi (Advanced Research Translation and Product Development Opportunity in India)		
Lunch (01.10 pm to 01.45 pm)			
Session	Time	Topic	Experts
01	01.45 - 02.15	Immersive AI in Education – Reimagining Learning Through Intelligent Avatars and Emerging Technologies	Dr. Raman Batra, Managing Director & CEO, YeniAI, Uttar Pradesh
02	02.15 - 02.35	TBD	Dr. Alben Mihovska, Senior Academic Research Professional, Denmark
03	02.35 - 03.00	TBD	Dr. Per Valter, Associate Professor, Østfold University College, Norway
04	03.00 - 03.25	6G, AI and Cloud Will Revolutionize the Digital Landscape	Dr. Debu Nayak, Ericson, New Delhi
05	03.25 - 03.50	Artificial Intelligence Applications, Challenges and Opportunities	Dr. Manesh B. Kokare, Principal & Director, SGGSIET, Nanded
Tea Break (03.50pm to 04.00pm)			
06	04.00 - 05.30	<p><b>Panel Discussion:</b> Technology, Innovation, Society &amp; Ethics</p> <p><b>Points:</b></p> <ul style="list-style-type: none"> <li>AI and Automation: enablers or replacers of human potential?</li> <li>The role of blockchain in a digitally secure future</li> <li>Digital Twins and the Future of Smart Cities</li> <li>Quantum Computing: Next Frontier or Distant Dream?</li> <li>Digital Inclusion: Closing the Connectivity Gap</li> <li>Ethics in AI: Can Machines Be Fair?</li> <li>Data Privacy in a Hyper-Connected World</li> <li>Digitization and Mental Health: Finding a Balance</li> </ul>	<p><b>Panelist:</b></p> <ol style="list-style-type: none"> <li>1. Dr. Debu Nayak, Erricson, New Delhi</li> <li>2. Dr. Dinesh Chand Sharma, Director - EU Project SESEI, New Delhi</li> <li>3. Dr. Manesh B. Kokare, Principal &amp; Director, SGGSIET, Nanded</li> <li>4. Dr. Alben Mihovska, Denmark</li> <li>5. Dr. Rajeev Shorey, Director, IIIT Surat</li> </ol> <p><b>Moderator:</b> Dr. Sunil Kr Pandey Director, Institute of Technology and Science Mohan Nagar</p>
Gala Dinner (07.30-09.00)			

### Paper Presentation Schedule

Time	Track 1	Track 2	Track 3
08.30-09.00	Registration	Registration	Registration
09.00-11.05	Inaugural Function	Inaugural Function	Inaugural Function
11.05-11.30	Coffee break and networking	Coffee break and networking	Coffee break and networking
11.30-01.10	Presentations	Presentations	Presentations
01.10-01.45	Lunch	Lunch	Lunch
01.45-03.50	Presentations	Presentations	Presentations

## Day 02- 31st October, 2025 (Friday)

Venue- Seminar Hall, AMGOI, Vathar			
Session	Time	Topic	Experts
07	09.00-09.20	DeWi- Blockchain Based Decentralized Wi-Fi Hotspots Network as Phygital Public Good.	Dr. Satya N. Gupta, Professor of Practice, South Asian University, New Delhi
08	09.20-09.40	EU & India Partnership: Role of Standards in Building Digital Infrastructure	Mr. Dinesh Chand Sharma, Director - EU Project SESEI, New Delhi
09	09.40-10.00		Prof. Dr. Damodar Acharya Former Director, IIT, Kharagpur.
10	10.00-10.20	Decentralized Finance and Beyond: Blockchain for Secure, Compliant Systems	Dr. Pradnya Patil, Assistant Professor, Symbiosis Artificial Intelligence Institute, Pune
11	10.20-10.40	Business Model Innovation in the Era of Artificial Intelligence	Dr. Ambuj Kumar, Professor, Vishvaniketan, Mumbai
12	10.40-11.00	Green IT and Cloud Computing: Innovation Towards a Sustainable Future	Dr. Sunil Kr Pandey, Professor & Director, ITS, Mohan Nagar, Greater Noida
<b>Tea Break (11.00 -11.20)</b>			
13	11.20- 11.40	TBD	Mr. Kishore K. Thakur, ITS officer, Hyderabad
14	11.40-12.00	Quality of Service in Mobile Adhoc Network (MANET)	Dr. Uttam Kolekar, Principal, APSIT, Thane
15	12.00-12.20	NEP for Enhanced Research Quality	Dr. Pradeep Mane, Principal, AISSMSIOIT, Pune
16	12.20-12.40	TBD	Mr. Amit Deshmukh, Delhi
17	12.40- 01.00	Spectrum Sharing in IMT: Approaches and Global Practices	Dr. P S M Tripathi, Sr. Deputy Wireless Adviser at Dept. of Telecommunications, GOI.
18	01.00-01.25	TBD	Mr. Ravi Kumar, Singapore
<b>Lunch (01.25-01.55)</b>			
19	01.55-02.20	Role of NGN in Enabling Digital Transformations for Rural Upliftment, in Digitizing Rural India	Dr. Dnyaneshwar Mantri, Professor, SIT, Lonavala
20	02.20-02.45	Generative AI for Responsible Innovation and Sustainable Growth	Dr. Kumud Saxena, Dean, SCSIT, NIET, Greater Noida
21	02.45-03.10	Industry 5.0: Transforming Manufacturing with IoT	Dr. Reena Disawal, Professor, PIEMR, Indore
22	03.10-03.35	Digital Wellness	Dr. Shivprasad Pandurang Patil, Principal, NBN STIC, Pune
23	03.35-04.00	TBD	Dr. Sriganesh K. Rao, Techno Business Strategist, Bangalore
<b>Tea Break (04.00- 04.15)</b>			
24	04.15- 05.30	<p><b>Panel Discussion:</b> Business &amp; Industry</p> <p><b>Points:</b></p> <ul style="list-style-type: none"> <li>The Future of Work in a Digital Economy</li> <li>Digital Transformation in Traditional Industries: Successes and Struggles</li> <li>From Brick-and-Mortar to Digital-First: The New Customer Journey</li> <li>Data-Driven Decision-Making: Where Are We Headed?</li> </ul>	<p><b>Panelist:</b></p> <ol style="list-style-type: none"> <li>1. Dr. Satya N. Gupta, Professor of Practice, South Asian University, New Delhi</li> <li>2. Dr. Kishore K. Thakur, Hyderabad</li> <li>3. Dr. Dnyaneshwar Mantri, SIT, Lonavala</li> <li>4. Dr. Kumud Saxena, Head CSE, NIET Greater Noida, UP</li> <li>5. Dr. Sriganesh K. Rao, Techno-Business Strategist, Bangalore</li> </ol> <p><b>Moderator:</b> Dr. Ambuj Kumar, Vishvaniketan, Mumbai</p>
<b>Cultural Program (05.45-06.45)</b>			

### Paper Presentation Schedule

Time	Track 1	Track 2	Track 3
08.30-09.00	Registration	Registration	Registration
09.00-11.00	Presentations	Presentations	Presentations
11.00-11.20	Tea Break	Tea Break	Tea Break
11.20-01.25	Presentations	Presentations	Presentations
01.25-01.55	Lunch	Lunch	Lunch
01.55-04.00	Presentations	Presentations	Presentations

## Day 03- 01st November, 2025 (Saturday)

Venue- Seminar Hall, AMGOI, Vathar			
Session	Time	Topic	Experts
25	09.00-09.25	Hydrogen 4.0: Digitalization, Decentralization, and Decarburization	Dr. Vikas Shinde, Head, Green Hydrogen Project, Aaryans Group of Companies, Pune
26	09.25-09.50	Significance of Industry 4.0 Technologies for Sustainable Development	Dr. Bhavesh Pasi, HOD and Associate Professor, Mechanical Engineering Department, Vishwaniketan's iMEET, Mumbai
27	09.50-10.15	Intelligent Video Surveillance Systems for Achieving Sustainable Development Goals: A Technological Perspective	Dr. Komal Jadhav, KITCOE, Kolhapur
28	10.15-10.40	Role of OTFS in Massive MIMO and mm Wave/ THz bands in 6G	Dr. Mandar Bivalkar, Professor, K. J. Somaiya Institute of Technology, Mumbai
29	10.40-11.05	Green Technologies for Responsible Innovation	Dr. Shweta Aggrawal, Professor and Associate Dean, Ahmedabad University
Tea Break (11.05-11.20)			
30	11.20- 11.45	AI ML Enabled Email Spam Detection	Dr. Vandana Milind Rohokale Professor and Vice Principal, SITS Narhe, Pune
31	11.45-12.10	Blockchain Integration in 5G and 6G Wireless Networks: Opportunities and Challenges	Dr. Jyoti Ramesh Gangane, Professor in ETC Dept., Vishwaniketan's- iMEET, Mumbai
32	12.10-12.35	Smart & Futuristic Infrastructure	Prof. Bharat Gupta, Professor, NIT, Patna
33	12.35-01.00	Comparison between 5G,6G and Bhagwat Gita	Dr. Dhananjay Kumar Singh, Professor, Aarhus University Denmark
34	01.00- 01.25	TBD	Dr. Swati Sharma, Kolkata
Lunch (01.25 to 02.00)			
35	02.00-03.30	<p><b>Panel Discussion:</b> Public Sector &amp; Sustainability</p> <p><b>Points:</b></p> <ul style="list-style-type: none"> <li>Smart Governance: Digitization in Public Services</li> <li>Green Tech: Can Digitization Help Save the Planet?</li> <li>Cyber-Security in the Era of Digital Nations</li> </ul>	<p><b>Panelist:</b></p> <ol style="list-style-type: none"> <li>1. Dr. Vikas Shinde, Aaryans Group of Companies, Pune</li> <li>2. Dr. Bhavesh Pasi, Vishwaniketan's iMEET, Mumbai</li> <li>3. Dr. Mandar Bivalkar, IIT Vadodara- ICD Diu</li> <li>4. Dr. Naveen Kumar, Bangalore</li> </ol> <p><b>Moderator:</b> Dr. Vandana Milind Rohokale, SITS Narhe, Pune</p>
Tea Break (03.30- 03.45)			
Valedictory Program (03.45-04.15)			

### Paper Presentation Schedule

Time	Track 1	Track 2	Track 3
08.30-09.00	Registration	Registration	Registration
09.00-11.05	Presentations	Presentations	Presentations
11.05-11.20	Tea Break	Tea Break	Tea Break
11.20-01.25	Presentations	Presentations	Presentations
01.25-02.00	Lunch	Lunch	Lunch
02.00-03.30	Presentations	Presentations	Presentations
03.30-03.45	Tea Break	Tea Break	Tea Break
03.45-04.15	Valedictory Program	Valedictory Program	Valedictory Program