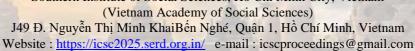


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Southern Institute of Social Sciences, Ho Chi Minh City, Vietnam





INTERNATIONAL CONFERENCE ON SUSTAINABLE COMPUTING JUNE 16-17, 2025

Programme Schedule Outline

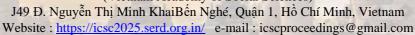
INAUGURAL SESSION					
			June 16 th , 2025 at Auditorium (2 nd Floor)		
NO	TIME	Dur	ACTIVITY	P.I.C	
1	08.00-08.30	30'	Registration	Committee	
2	08.30-08.35	5'	Introduction by MC	Dr. Saurabh Mittal (General Chair)	
3	08.35-08.40	5'	Vietnamese National Anthem	Committee	
4	08.40-08.50	10'	Welcome Speech by Director, SISS	Prof. Dr. Vu Tuan Hung	
5	08.50-09.00	10'	Opening Speech by President, SERD	Prof. Vikas Kumar	
6	09.00-09.40	40'	Keynote Address	Prof. Rajkishore Nayak, RMIT University	
7	09.40-09.45	5'	SERD Sustainability Awards 2025	MC	
8	09.45-09.55	10'	Presentation by Sustainability Award 2025 Winner	Prof. Intan Azura Mokhtar, SIT, Singapore	
9	09.55-10.05	10'	Presentation by Sustainability Award 2025 Winner	Prof. Prasenjit Mondal, IITR, India	
10	10.05-10.15	10'	Presentation by Sustainability Award 2025 Winner	Prof. Khakan Najaf, Liwa College, USA	
11	10.15-10.25	10'	Felicitations	Director, SISS & President, SERD	
12	10.25-10.30	5'	Vote of Thanks by Vice- Director, SISS	Dr. Nguyen Khanh Trung Kien	
13	10.30-11.00		Coffee Break (Lobby, Ground floor)		
14	11.00-12.30	90'	Technical Session ICSC1 (Hall 4.1, Level 4) Technical Session ICSC3 (Online) Technical Session DICS 1 (Block_C3, 2 nd Floor, Hall no. 208, CU) Technical Session DICS 2 (Block_C3, 1 st Floor, Hall no. 101, CU) Technical Session DICS 3 (Block_B3, 1 st Floor, Hall no. 201A, CU) Technical Session DICS 4 (Block_B3, 4 th Floor, Room no. 406A, CU) Technical Session DICS 5 (Block_B3, Room no. 606)	Session Chairs *Session Chairs are requested to join the session 15 minutes prior to start of the session.	
	12:30-13:30	60'	LUNCH Break		



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17	13.30-15:00	90'	Technical Session ICSC2 (Hall 4.1, Level 4) Technical Session ICSC4 (Online) Technical Session DICS 6(Block_C3, 1st Floor, Hall no. 101, CU) Technical Session DICS 7 (Block_B3, 1st Floor, Hall no. 201A, CU) Technical Session DICS 8 (Block_B3, 4th Floor, Room no. 406A, CU)	Session Chairs *Session Chairs are requested to join the session 15 minutes prior to start of the session.
18	15.00-15.30		Coffee Break (Lobby, Ground Fl	loor)
19	15.30-16.30	60'	Poster Session P1 (SISS Lobby, Ground Floor) Poster Session P2 (Online)	Session Chairs *Session Chairs are requested to join the session 15 minutes prior to start of the session.

Day 2, June 17th, 2025

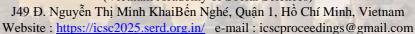
NO	TIME	DUR.	ACTIVITY	P.I.C		
1	08.30-09.00	30"	Registration	Committee		
2	10.30-11.00		Coffee break			
3	11.00-12:30	90'	Technical Session ICSC5 (Online)	*Session Chairs are requested to join the session 15 minutes prior to start of the session.		
4	12.30-13.30	60"	LUNCH BREAK	Committee		
	VALIDATORY SESSION June 17, 2025 at Auditorium (2 nd Floor)					
1	13:30-13:40	10"	Traditional Indian Dance Performance	Krati Bansal		
2	13:40-13:50	10"	Conference Report by Vice Director, SISS Dr. Nguyen Khanh Trung Kien			
3	13:50 14:00	10"	Best Paper Awards President SERD & Director, SISS			
4	14:00-14:15	15"	Closing Remarks by Treasurer, SERD	Prof. G K Sethi		
5	14:15-14:20	05"	Vote of Thanks	Dr. Pooja Nanda		
6	14:20-14:30	10"	Photo Session	Committee		
7	14:30-15:00	30"	Coffee, Networking and Feedbacks (SISS Lob	by, Ground Floor)		



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ICSC 2025

Presentation Schedules (16-17 June 2025)

ICSC-1 (16 June 2025), Onsite, 11.00am-12.30pm, Indian Time

Session Chair: Dr. Nitin Goyal, Central University of Haryana, dr.nitingoyal30@gmail.com,

Dr. Nguyen Thai-Nghe, CIT-CTU, ntnghe@cit.ctu.edu.vn

Sr. No.	Paper ID	Paper Title	Authors
1	22	Brain Disorder Classification using Machine Learning: An review	Ajay Bansal (Central University of Haryana)*; Manish Singhal (JECRC); Ashish Sharma (Manipal University Jaipur)
2	41	Evolutionary optimization for generalized municipal solid waste alleviation process	Qiming Qian (Qiming Qian)*
3	53	Enhanced Mantis Search Algorithm Using Opposition Theory for Global Optimization	Akash Saxena (Central University of Haryana); Ajay Kumar Bansal (Central University of Haryana)*; Shalini Shekhawat (Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur, India)

ICSC-2 (16 June 2025), Onsite, 13.30pm-15.00pm, Indian Time

Session Chair: Dr. Gabriel Ayodeji Ogunmola, Sharda University, Uzbekistan, gabriel00lead@yahoo.com

Dr. Deepika Sharma, Director, AA Teachercool LLP, deepika.sharma@live.com

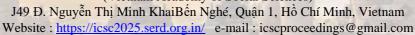
Sr. No.	Paper ID	Paper Title	Authors
4	70	Real-Time Privacy Preserving Intrusion Detection in Smart-Grid using LightGBM in a Fog Computing Environment	Ashwani Mahlawat (Central University of Haryana)*; Nitin Goyal (Central University of Haryana); Ravneet Kaur (Chandigarh Engineering College); Amanpreet Kaur (Chitkara University, Punjab)
5	98	Leveraging Deep Learning for Lung Disease Diagnosis and Classification through X-ray Imaging	Khiem Nguyen (CanTho University)*; Quyen Pham Ngoc (CanTho University); Quang Tran Duy (CanTho University); Anh Khoi Ngo Ho (Nam Can Tho University)
6	100	A Fusion Model of Image and Text for Product Recommendation	Le Huynh Quoc Bao (Can Tho University)*; Nguyen Minh Khiem (Can Tho University); Nguyen Thai-Nghe (Can Tho University)
7	200	The Role of Cybersecurity Startups in Achieving Sustainable Development Goals: An Empirical and Legal Analysis in the Kuwaiti Context	Muath Suleiman Al-Mulla (Kuwait International Law School); Hamad Faisal Al-Fahad (Kuwait International Law School)*; Layal Mansour-Ichrakieh (Kuwait International Law School)



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ICSC-3 (16 June 2025) Online, Google Joining Meet link: https://meet.google.com/ivf-jpta-ftr
11.00am-12.30pm, Indian Time

Session Chair: Dr. Naveen Pandey, Dev Sanskriti Vishwavidyalaya Haridwar, naveen.pandey@dsvv.ac.in, +91-8126188949

Dr. Pardeep Kumar, Kurukshetra University, pkmittal@kuk.ac.in

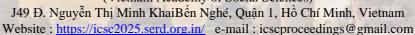
	<u> </u>				
Sr. No.	Paper ID	Paper Title	Authors		
8	28	Balancing Sustainability and Inclusivity in Public Open Spaces: An Environmental Perspective	Akshay Gupta (Manipal University Jaipur)*; Madhura Yadav (Manipal University Jaipur); Bibhu Kalyan Nayak (Manipal University Jaipur)		
9	29	Metrics that Drive Customer Engagement and Business Performance in SMEs	Chakshu Chakshu (Sushant University); Priyanka Pradhan (Sushant University)*; Aanchal Dangwal (Sushant University, Gurugram)		
10	31	Motivators and Demotivators of Using Generative AI in Management Education: The Teacher's Perspective	Melita Stephen Natal (Amity University, Greater Noida)*; Gaurav Gupta Gupta (Amity University, Greater Noida); Narendra Singh Chaudhary (Sparsh Global Business School)		
11	33	Knee Osteoarthritis Detection and Severity Classification Based on X-ray Images Using ResNet and SEResNet Models	Thai Hoang Nguyen (Can Tho University)*; Hai Thanh Nguyen (Can Tho University); Thai-Nghe Nguyen (Can Tho University)		
12	59	Artificial Intelligence in Detecting H. pylori-Positive Gastric Cancer: A Comprehensive Review	Parneet Kaur (Khalsa College of Engineering and Technology)*		
13	67	An Enhanced MRI-Based Model for Brain Tumor Classification using Fine-Tuned InceptionV3	Ambuj Kathuria (Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab); Deepali Gupta (Chitkara University, India)*; Mudita Uppal (Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab)		
`14	72	Revolutionizing Ulcerative Colitis Management Through Artificial Intelligence: A Review	Sunaina Verma (IKGPTU)*; Manju Bala (Khalsa College of Engineering and Technology, Amritsar); Mohit Angurala (Guru Nanak Dev University College, Pathankot)		
15	76	Optimized ResNet18 for Accurate Brain Infarct Classification with Robust Data Processing	Shilpa Bajaj (IK Gujral Punjab Technical University Jalandhar Faculty of Applied Sciences)*		
16	81	Predicting Stubble Burning Patterns Using AI	Vibhu Sharma (Chitkara University)*; Manju Lata (Chandigarh University); Kriti Taneja (Chandigarh University)		



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ICSC-4 (17 June 2025), Google Joining Meet link: https://calendar.app.google/qF8DGmGGo59mbGcw9

13.30pm-15.00pm, Indian Time

Session Chair: Dr. Chandrashekhar, Manipal University, chandrashekhar.patel@jaipur.manipal.edu, +91-7895510180

Dr. Manju Khari, Jawaharlal Nehru University, Delhi, manjukhari@jnu.ac.in

	*Session Chairs are requested to join the session 15 minutes prior to start of the session.					
Sr. No.	Paper ID	Paper Title	Authors			
17	90	Exploitation of Digital Communication: The Role of WhatsApp and Video Calls in Cybercrime and Blackmail in India	Lalit Kumar (Maharishi Markandeshwar Deemed to be University, Mullana)*			
18	95	CutMix and MixUp: Effective Data Augmentation Strategies for Enhancing YOLOv8m-cls in Food Image Classification	Tran Nam (FPT University)*; Vinh Nguyen Dinh (FPT University); Giang Le Truong (FPT University); Tuyen Vu Thi Bich (FPT University); Tung Trinh Quang (FPT University); Huy Huynh Anh (FPT University)			
19	103	Windows Malware Loader Behaviour Analysis Based on API Calls with LLM and Ontology	Nguyen Nhat (FPT University)*; Manh-Duc Hoang (FPT University); Dang-Vinh Ta (FPT University); Phuong-Mai Nguyen (FPT University); Thai-Hoang Pham (FPT University); Thi-Ngan Nguyen (FPT University); Duc-Quy Vu (FPT University)			
20	132	Face Mask Detection Using YOLOv8 with Fine-Tuning and EfficientNet Backbone	Thuan Chau (FPT University); Vinh Nguyen Dinh (FPT University)*			
21	160	Performance Analysis of Backscatter Communication Under Energy Outage for MEC- aided UAV-enabled NOMA in IoT Networks	Nguyen Nhat (FPT University)*; Gia-Huy Nguyen (FPT University); Khai Nguyen (FPT University); Minh-Sang Nguyen (FPT University); Tung-Son Ngo (FPT University); Ngoc-Anh Bui (FPT University); Phuong-Chi Le (FPT University); Manh-Duc Hoang (FPT University); Tien-Dat Trinh (FPT University); Tuan-Anh Hoang (FPT University)			
22	171	Adaptive LLM Responses with RAG: A Dataset and Methodology for Personalized Education via Academic Transcripts	Vinh Nguyen (FPT University)*; Nhan Tran (FPT University); Phong Nguyen (FPT University); Khoa Dao (FPT University)			
23	183	Navigating Risks: A Deep Dive into Smart City Infrastructure	Nusrat Hamid Shah (Jazan University)*; Nusrat Hamid Shah (Universiti Teknologi Malaysia); Subuhi Kashif Ansari (Jazan University); Mohammed Ashfaq Hussain (Jazan University); Roma Fayaz (Jazan University); Durdana Taranum Khan (Jazan University); Lubna Hamid Shah (Jazan University)			
24	190	Digital Transformation and the Role of Green Branding in the IoT Era	Dr.Sarika Sagar (Indira institute of management)*; Dr.Shoba james (Vijay patil School of Management); Dr.Stuti Sahni (Vijay patil school of Management)			



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J49 Đ. Nguyễn Thị Minh KhaiBến Nghé, Quận 1, Hồ Chí Minh, Vietnam Website: https://icsc2025.serd.org.in/ e-mail: icscproceedings@gmail.com



ICSC – 5 (17 June 2025), Google Joining Meet link: https://calendar.app.google/CZpgJuVOPS98xKg3A

11.00am-12.30pm, Indian Time

Session Chair: Dr. Rajeshwari Trivedi, Parul University, Gujarat, rajeshwariptrivedi@gmail.com, +91-9456337187, Dr. Vikas Khullar, Chitkara University, vikas.khullar@chitkara.edu.in, Dr. Usha Batra, SVSU Haryana, usha.batra@svsu.ac.in

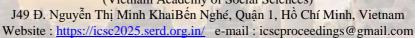
	Desision Chairs are requested to Join the session to minutes prior to start of the session.					
Sr.	Paper	Paper Title	Authors			
No.	ID					
25	197	Digital Currencies and Climate: A	Sonali Shrotri (Indira Institute of Management)*;			
		Literature Based Analysis of	Smriti Pathak (Pimpri Chinchwad College of Arts			
		Environmental Impact	Commerce and Science);			
			Remya Anilkumar (Tilak Education Society's			
			J.K.College of Science and Commerce)			
26	217	Harnessing Artificial Intelligence	Thomson Varghese (Indira College Of Commerce &			
		for Optimizing Green Investment	Science)*;			
		Portfolios and ESG Scoring	Minal S. Paranjape (Shri Siddhivinayak Mahila			
			Mahavidyalaya);			
			Shraddha Bhome (Tilak Education Society's J. K.			
			College of Science and Commerce, Ghansoli);			
			Mugdha Amit Bhadkamkar (J K College of Science and			
			Commerce)			
27	229	Platform Economy: Temporary	Prerana Shahi (Amity University Noida)*;			
		Workplace, Permanent Emotion	Pooja Nanda (Amity University, Uttar Pradesh);			
	0.11		Vikas Kumar (Central University Of Haryana)			
28	241	On the Performance Analysis of	Nguyen Nhat (FPT University)*;			
		Rate-Splitting Multiple Access for	Khai Nguyen (FPT University);			
		Enhanced Computation Offloading	Gia-Huy Nguyen (FPT University);			
		in UAV-enabled MEC within IoT Networks	Tung-Son Ngo (FPT University);			
		Networks	Ngoc-Anh Bui (FPT University); Phuong-Chi Le (FPT University);			
			Manh-Duc Hoang (FPT University);			
			Tien-Dat Trinh (FPT University);			
			Tuan-Anh Hoang (FPT University)			
29	244	Artificial Intelligence in Auditing:	Simon Nisja Putra Zai (STIE Swasta Mandiri)*;			
2)	2-1-1	A Bibliometric Review of Global	Isnayni Sabila (Sebelas Maret University);			
		Research Developments	Siti Rochmah Ika (Universitas Janabadra);			
		Research Bevelopments	Ari Kuncara Widagdo (Sebelas Maret University)			
30	251	Does Artificial Intelligence	Richa N (Agarwal)			
		Disrupt or Enhance HR Functions?				
31	252	The Influence of Social Media and	Retno Lantarsih (Janabadra University);			
		Digital Literacy on Increasing	Tiara Nur Anisah (Janabadra University);			
		Agricultural Product Sales	Untoro Budi Surono (janabadra university);			
		6	Yumarlin MZ (Janabadra University)			



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DICS – 1 (16 June 2025), 11.00am-12.30pm, Indian Time

Session Chair: Dr. Sanjay Singla, Chandigarh University, sanjay.e13538@cumail.in +91-9729376850

Rapporteur: Er. Meenakshi Rana, meenakshi.e14673@cumail.in, +91-7889057032

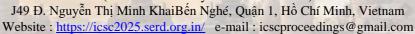
Sr.	Paper	Paper Title	Authors
No.	ID		
1	8	The Role of Component-Based	N B (CU)*;
		Architecture in Enhancing Web	Jyoti Rani (Chandigarh University);
		Development Efficiency	Himanshu Kumar (Chandigarh University);
			Kanak Kumari (Chandigarh University);
_		- 1 1 2 11 5 100 i	Jitesh Singh (Chandigarh University)
2	9	Exploring Stable Diffusion:	Gurleen Kaur (Chandigarh University)*;
		Theoretical Insights, Applications,	Dhruv Soni (Chandigarh University);
		and Future Directions	Avreet Singh (Chandigarh University);
			Yash Arora (Chandigarh University)
3	12	Design a Deep Learning Model for	Nisha Kumari (CHANDIGARH UNIVERSITY)*;
		Face mask detection	Shammy Samita (Chandigarh University);
			Shivansh Singh (Chandigarh University);
			Ayushi Gupta (Chandigarh University);
			Vickey Kumar (Chandigarh University);
			Aniket Singh (Chandigarh University)
4	20	Enhancing Cybersecurity Through	Teesha Madan (Chandigarh University)*;
		Human-Centric Approaches	Vishal Bhatia (Chandigarh University);
			Shikha Jumta (Chandigarh University);
			Aadya Mishra (Chandigarh University);
			Kiranpreet Kaur (Chandigarh University)
5	25	Development and Evaluation of a	Aarti Hans (Chandigarh University)*;
		Real-Time Drowsiness Monitoring	Namrata Vij (CSE Department, UIE, Chandigarh
		System	University, Mohali, Punjab)
6	26	EventFinder App	Gurleen Kaur (Chandigarh University)*;
			Baronika Oraon2 (Chandigarh University)
7	37	Image Classification Using CNN	Puneet Kaur (chandigarh university)*;
			Shubhang Deep Singh (chandigarh university);
			Payal Singh (Chandigarh University);
			Amrita chaudhary (chandigarh university);
			Yash Manoj Bamankar (Chandigarh University)
8	44	Personalized Price Comparison: A	Ayush Sharma (Chandigarh University)*;
		Machine Learning Approach.	Manni Kumar (Chandigarh University);
			Gunjan Jain (Chandigarh University);
			Rachit Jain (Chandigarh University);
			Prashant Giri (Chandigarh University);
			Harsh Kumar (Chandigarh University)



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DICS – 2 (16 June 2025), 11.00am-12.30pm, Indian Time

Session Chair: Dr. Raman Chadha, Chandigarh University, raman.e11212@cumail.in +91-8439643995

Rapporteur: Er. Geetkiran Kaur, geetkiran.cse@cumail.in +91-9876711611

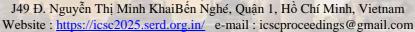
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Sr. No.	Paper ID	Paper Title	Authors
9	47	Data-Driven Unemployment	Kshitiz Bakliwal (Chandigarh University)*;
		Analysis: Predic ve Modelling and	Manni Kumar (Chandigarh University);
		Trend Forecas ng Using Python	Siddharth Nain (Chandigarh University);
			Manjot Singh (Chandigarh University);
			Anushka Shukla (Chandigarh University);
			Vipul Hooda (Chandigarh University);
			Harman Singh (Chandigarh University)
10	51	CV IntelliCheck	Sanjeev Jangir (Chandigarh University);
			Er. Ritu (Chandigarh University)*;
			Anirudh Gahlawat (Chandigarh University);
			Tarush Mehra (Chandigarh University);
			Hardik Garg (Chandigarh University)
11	69	Advanced Analysis and	Ashutosh Sharan (Chandigarh University)*;
		Implementation of NLP-Based	Er. Mamta Punia (Chandigarh University);
		Resume Parsing for Automated	Soyam Kumar Gupta (Chandigarh University);
		Recruitment Solution	Surbhi Priya (Chandigarh University);
			Manish Kumar (Chandigarh University)
12	73	Enhancing Textual Understanding	Sagar Rawat (Chandigarh University)*;
		in ChatGPT	Shammy Samita (Chandigarh University);
			Manjot Singh (Chandigarh University);
			Pratik Upadhyay (Chandigarh University);
			Arjun Vyas (Chandigarh University);
			Siddhant Unival (Chandigarh University)
13	78	Streamlining Healthcare Inventory	Vivek Garg (Chandigarh University)*;
		Management through Flask	Isha Sharma (Chandigarh University);
			Srishti Srishti (Chandigarh University);
			Kushan Jigyasu (Chandigarh University);
			Ashupreet Kaur (Chandigarh University);
1.4	90	Hand Diagram Double diagram	Bhavyata Dass (Chandigarh University)
14	80	Heart Disease Prediction Using	Rishabh Raj (Chandigarh University)*;
		ANN	Jyoti Rani (Chandigarh University);
1.5	0.4	The Interestion of LeT Date and	Niharika Bharti (Chandigarh University)
15	84	The Intersection of IoT Data and Cloud Platforms	Navkirat Singh (chandigarh University)*
16	85	Deep Learning-Based Detection of	Geetika Sharma (Chandigarh University)*;
		Skin and Oral Cancer: Advancing	Anupam Mittal (Chandigarh University);
		Diagnostic Accuracy and Early	Amandeep Kaur (Chandigarh University)
		Intervention	
		Diagnostic Accuracy and Early	



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DICS – 3 (16 June 2025), 11.00am-12.30pm, Indian Time

Session Chair: Dr. Parveen Kumar Mannepalli, Chandigarh University, <u>praveen.e17513@cumail.in</u> +91-9908020586

Rapporteur: Er. Deepika Sood, deepika.e10446@cumail.in +91-9779577728

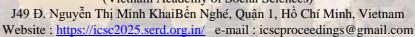
Sr.	Donos	Paper Title	Authors
No.	Paper ID	1 aper 11tte	Audiois
17	88	Speech Emotion Recognizer	Aayush Sharma (Chandigarh university)*;
			Jyoti Rani (Chandigarh university);
			Akshit Sharma (Chandigarh university);
			Shatakshi Sharma (Chandigarh university);
			Anurag Jangid (Chandigarh university)
18	91	Ai-based sentiment analysis for	Shammy Samita (Chandigarh University);
		social media platforms	Akash Lakhwan (Chandigarh University)*;
		-	Yashraj Yadav (Chandigarh University);
			Anurag Nayak (Chandigarh University);
			Shubham Shubham (Chandigarh University);
			Maneesh Sonkaria (Chandigarh University)
19	96	Leveraging Deep Learning For	Jyoti Arora (Chandigarh University);
		Landslide Detection	Abdul Kalam (Chandigarh University)*;
			Raj Mohnani (Chandigarh University);
			Kashif Kamal (Chandigarh University)
20	97	AI-Powered Interior Design	Garv Gupta (Chandigarh University)*;
		Website using Google Gemini	Jyoti Arora (Chandigarh University);
			Purnima Yadav (Chandigarh University);
			Harshit Raj (Chandigarh University)
21	99	Improving Database Query	Sunidhi Gupta (chandigarh university)*;
		Performance using Bloom Filters	Jyoti Arora (chandigarh university);
			Devesh Jhajharia (chandigarh university)
22	101	Face Recognition using Python	Rashad Ali (Chandigarh University)*;
			Paras Verma (Chandigarh University);
			Aditya Raj (Chandigarh University);
			Shubham Pandit (Chandigarh University);
	4.05		Manni Kumar (Chandigarh University)
23	107	Virtual Reality-Based Educational	Charnpreet Kaur (Chandigarh University)*
2.4	20	Platform for Interactive Learning	Y I A (CI II I I I I I I
24	38	Optimizing Landslide Prediction	Jyoti Arora (Chandigarh University)*;
		Using Stacking Ensemble	Rajeshwari Trivedi (Parul University);
		Learning and Remote Sensing	Anupam Mittal (Chandigarh University);
		Data	Geetika Sharma (Chandigarh University Gharuan)



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Southern Institute of Social Sciences, Ho Chi Minh City, Vietnam (Vietnam Academy of Social Sciences)





DICS-4, (16 June 2025), 11.00am-12.30pm, Indian Time

Session Chair: Dr. Manoj Wadhwa, Chandigarh University, manoj.el7121@cumail.in +91-9350158493

Rapporteur: Er. Reshma, <u>reshma.cpu@cumail.in</u> +91-7888809322

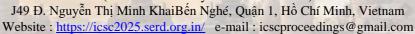
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Sr. No.	Paper ID	Paper Title	Authors
25	40	Sentiment Analysis of Social Media Texts using Machine Learning	Charnpreet Kaur (Chandigarh University)*
26	45	AI-Driven Cybersecurity Solutions for IoT: A Comprehensive Study, Challenges and Future Direction	Manni Kumar (Chandigarh University) Yash Bansal (Chandigarh University) Suryansh Gehlot (Chandigarh University) Aryadeep (Chandigarh University) Shagun Sharma (Chandigarh University) Vipul Kumar (Chandigarh University)
27	61	Hybrid Model Approach for Cardiovascular Disease Risk Prediction and Analysis: Integrating Machine Learning and Statistical Methods	Kanishika (Chandigarh University)*; Praveen Kumar Mannepalli (Chandigarh University); Bobbinpreet Kaur (Chandigarh University)
28	63	Crafting Human-like Dialogues: Strategies for Enhancing Chatbots Conversational Ability	Manju Lata (Chandigarh University, Mohali, Punjab)*; Vibhu Sharma (Chitkara University, Punjab); Lata Gupta (Chandigarh University); Vibhu Sharma (Chitkara University, Punjab)
29	64	Enhancing Chatbot Efficiency: Automation Script Methodologies and Performance Optimization	Manju Lata (Chandigarh University, Mohali, Punjab)*; Udaishankar Royal (Vivekananda College of Technology & Management, Aligarh); Vibhu Sharma (Chitkara University, Punjab); Lata Gupta (Chandigarh University)
30	89	Smart Solutions for Spondylosis: AI and ML Applications in Early Detection	Amrita Chaudhary (Chandigarh University)*; Puneet Kaur (Chandigarh University); Charnpreet Kaur (Chandigarh University)
31	109	Thermal Image Classification under Adverse Conditions using Ensemble Learning	Akash Choudhary (Chandigarh University)*
32	112	Sentiment Analysis and Trend Prediction in Social Media	Sameer Sardana (Chandigarh University)*; Bandanjot Kaur (Chandigarh University); Divyansh Sandhu (Chandigarh University); Devkinandan Garg (Chandigarh University); Tauheed Ansari (Chandigarh University)



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Southern Institute of Social Sciences, Ho Chi Minh City, Vietnam (Vietnam Academy of Social Sciences)





DICS – 5 (16 June 2025), 11.00am-12.30pm, Indian Time

Session Chair: Dr. Neetu Rani, <u>neetu.e13849@cumail.in</u> +91-9464831736 Rapporteur: Er. Shammy Samita, <u>shammy.e15675@cumail.in</u> +91-9878875251

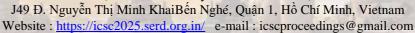
Sr. No.	Paper ID	Paper Title	Authors
33	114	Medical Insurance Cost Prediction	Bandhanjot Kaur (Chandigarh University); Sidhant Manchanda (Chandigarh University)*; Harsh Shaw (Chandigarh University); Bashar Rizwan (Chandigarh University); Aman Kumar (Chandigarh University)
34	115	Industry 4.0 Based Projects	Bandanjot Kaur (Chandigarh University)*; Rohan Kadyan (Chandigarh University); Tribhuvan Singh (Chandigarh University); Sagar Kumar (Chandigarh University); Govind Saini (Chandigarh University); Nitin Sharma (Chandigarh University)
35	117	Explainable AI (XAI) in Healthcare: Enhancing Trust and Transparency in Medical	Shweta Sharma (Chandigarh University)*
36	118	How FinTech is Disrupting the Traditional Banking System	Shweta Sharma (Chandigarh University)*
37	119	A Comprehensive Survey on Database Technologies: Trends, Challenges, and Future Directions	Shweta Sharma (Chandigarh University)*
38	127	Vulnerability Assessment and Malware Detection using Machine Learning	Vicky kumar (Chandigarh university)*
39	129	Advancing autonomous vehicles with reinforcement learning	Tarun Kumar (Chandigarh University)*; Aarav Goyal (Chandigarh University); Bandanjot Kaur (Chandigarh University); Anirudh Mehta (Chnadigarh University); Abhinav Choudhary (Chandigarh University); Azad Shoekand (Chandigarh University)
40	145	A Web-Based Integrated Development Environment (IDE) with Docker-Based Isolation for Secure and Scalable Development	Jyoti Rani (Chandigarh University)*; Sudhanshu Ranjan (Chandigarh University); Nikhil Yadav (Chandigarh University); Kunal Raj (Chandigarh University); Diwakar Kumar (Chandigarh University)



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DICS -6 (16 June 2025), 13.30pm-15.00pm, Indian Time

Session Chair: Dr. Neha Dutta, neha.e12830@cumail.in +91-9996015285 Rapporteur: Dr. Umashankar, +91-9937254435

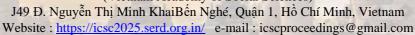
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Paper Title	Authors
Payarsa Imaga Saarch Using	Urvi Jindal (Chandigarh University)*;
c c	Shammy Samita (Chandigarh University);
image Hashing	Keshav Laddha (Chandigarh University);
	Naman Sharma (Chandigarh University);
	Ansh Setia (Chandigarh University);
	Utkarsh Sharma (Chandigarh University)
AI Ontimized Video	Sanjay Singla (Chandigarh University)*;
	Harsh Tanwar (Chandigarh University);
	Rupesh Bhatia (Chandigarh University);
	Sushant Raj (Chandigarh University);
	Divyanshu Sah (Chandigarh University);
ow Latency Communication	Shubhra Sinha (Chandigarh University)
leart Attack Risk Prediction	Prateek Kumar (Chandigarh University)*;
	Jyoti Rani (Chandigarh University);
Using Retinal Lye images	Ranjeet Singh (Chandigarh University);
	Keshav Singh (Chandigarh University);
	Alok Verma (Chandigarh University)
T Rased Sewage Monitoring	Yash Verdhan (Chandigarh University)*;
	Ishika Jindal (Chandigarh University);
z j stom	Tanish Thapa (Chandigarh University);
	Deepa Taneja (Chandigarh University);
	Er. Ashish Kumar (Chandigarh University)
ar Power Prediction using GA	Kushal Sihag (Chandigarh University)*;
	Shikha Bharti (Chandigarh University);
	Ayush Sharma (Chandigarh University);
<i>- - - - - - - - - -</i>	Aditya Jangra (Chandigarh University);
	Madhavi Kumawat (Chandigarh University)
Iot In Industry 4.0:	Bandanjot Kaur (Chandigarh University)*;
Revolutionizing Industrial	Anmol Singh (Chandigarh University);
omation Through Connectivity	Ajay Raghav (Chandigarh University);
And Advanced Analytics	Uday Partap Singh (Chandigarh University);
	Shreyansh Dutta (Chandigarh University);
	Arpita (Chandigarh University)
Smart Electricity Billing	Lavisha Bansal (Chandigarh University)*;
nagement System Using JAVA	Raunak Raj (Chandigarh University);
AWT	Md.Javed Akhter (Chandigarh University);
	Jyoti Rani (Chandigarh University)
	AI-Optimized Video Conferencing: Neural Image AI for Low-Bandwidth, Dow-Latency Communication Iteart Attack Risk Prediction Using Retinal Eye images T Based Sewage Monitoring System Tot In Industry 4.0: Revolutionizing Industrial Domation Through Connectivity And Advanced Analytics Smart Electricity Billing Inagement System Using JAVA



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DICS - 7 (16 June 2025), 13.30pm-15.00pm, Indian Time

Session Chair: Dr. Parveen Kumar Mannepalli, Chandigarh University, <u>praveen.e17513@cumail.in</u> +91-9908020586

Rapporteur: Er. Deepika Sood, deepika.e10446@cumail.in +91-9779577728

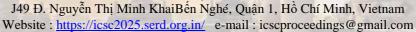
Paper	Paper Title	Authors
ID		
167	AI and Machine Learning in	Ayush Barnwal (Chandigarh University)*;
	Cybersecurity: Techniques,	Shudhanshu Malhotra (Chandigarh University);
	Trends, and Case Studies	Neelamani Samal (Chandigarh University);
	·	Vanshit Agarwal (Chandigarh University)
169	Listening AI Chatbots: A	Dr. Dutta (Chandigarh University)*;
	Historical Analysis and Vision for	Bhawna Chauda (MMU)
	the Future	
181	Senior Connect	Selim Jahangir (Chandigarh University)*
186	Stock Market Prediction using	Kshitij Kumar (chandigarh university)*;
	AIML	Sanjay Singla (chandigarh university);
		Rajnish Kumar (chandigarh university);
		Vivek Kumar (chandigarh university);
		Harsh Pandey (chandigarh university);
		Abhigyan Srivastava (chandigarh university)
188	Smart Traffic management system	Gagan Mala (Chandigarh University)*
	using IOT	
191	Plant Disease Detection Using	Masood Chowdhury (Chandigarh University)*;
	CNN:A Review	Neha Dutta (Chandigarh University);
		Surinder Kaur (Chandigarh University)
196	CNN Based Pneumonia Detection	Akshit Jain (Chandigarh University)*;
	model with ensemble methods	Sandeep Singh Kang (Chandigarh University);
	using Chest X-Ray Images: A	Neha Dutta (Chandigarh University)
	Review	, ,
	167 167 169 181 186	AI and Machine Learning in Cybersecurity: Techniques, Trends, and Case Studies 169 Listening AI Chatbots: A Historical Analysis and Vision for the Future 181 Senior Connect 186 Stock Market Prediction using AIML 188 Smart Traffic management system using IOT 191 Plant Disease Detection Using CNN:A Review 196 CNN Based Pneumonia Detection model with ensemble methods using Chest X-Ray Images: A



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DICS – 8 (16 June 2025), 13.30pm-15.00pm, Indian Time

Session Chair: Dr. Manoj Wadhwa, Chandigarh University, manoj.el7121@cumail.in +91-9350158493

Rapporteur: Er. Reshma, reshma.cpu@cumail.in +91-7888809322

Sr. No.	Paper ID	Paper Title	Authors
55	219	MRI-Based Brain Tumor	Jatin Kumar (Chandigarh University)*;
		Detection Using CNN and	Shikha Gupta (Chandigarh University);
		Ensemble Methods	Manjit Singh (Chandigarh University)
56	222	CNN Based Brain Tumor	Jatin Kumar (Chandigarh University)*;
		Detection Using MRI Images: A	Shikha Gupta (Chandigarh University);
		Review	Manjit Singh (Chandigarh University)
57	137	Monitoring Crop Residue Burning	Shubham Kumar (Chandigarh University)*;
		Using Remote Sensing Techniques	Aditya Aroh (Chandigarh University)
58	155	Detecting Cars and Trucks from	Ashish Sarswat (Chandigarh University)
		Aerial Imagery: An Efficient Deep	Aaryan Sharma (Chandigarh University)
		Learning Approach	Pranjal Gupta (Chandigarh University)
			Jagdeep (Chandigarh University)
			Er. Kussum (Chandigarh University)
59	184	Multimodal Machine Translation	Swechchha Rani (Chandigarh University)*;
			Shammy Samita (Chandigarh University);
			Asmita Kumari (Chandigarh University)
60	195	CNN Based Pneumonia Detection	Akshit Jain (Chandigarh University)*;
		model with ensemble methods	Sandeep Singh Kang (Chandigarh University);
		using Chest X-Ray Images	Neha Dutta (Chandigarh University)
61	250	Exploring Sustainable Computing	Manmeet Kaur (Chandigarh University)
		Behaviors: A Factor Analysis of	Gagandeep Singh (Chandigarh University)
		Green Computing Practices among	
		Indian University Students	