

International Conference on Computational Techniques in Data Science ICTDS 2025 December 19th-20th, 2025

Session: 1 Room No: D101 (D-Block 1st Floor)

Date: 19.12.2025 Time: 3:00 PM to 4:00 PM

Sr. No.	Paper ID	Paper Title	Author Names	Author Emails	Primary Contact Author Email	Corresponding Author
1	6	AI-Powered Healthcare Systems: A Comprehensive Study on Machine Learning-Based Diabetes Prediction and Online Medical Assistance	Ishika Prashad (Lovely Professional University)*; Bhupinder Singh (Lovely Professional University)	ishikaishika1603@gmail.com; singhbhupinder651@gmail.com	ishikaishika1603@gmail.com	Ishika Prashad
2	7	Deep Learning for Automated Detection of Cysts and Tumors: A Review	Manjot Kaur (Lovely Professional University, Phagwara)*; Navneet Kaur (Lovely Professional University, Phagwara); Vaibhav Chadha (Lovely Professional University, Phagwara)	manu.sembhi@gmail.com; navneetphul@gmail.com; vaibhavchadha29@gmail.com	manu.sembhi@gmail.com	Manjot Kaur
3	8	Enhancing Machine Learning for Credit Card Fraud Detection: A Comparison of Supervised Models	Amandeep Kaur (Lovely Professional University)*; Arwinder Dhillon (Lovely Professional University); Komal Singh Gill (Lovely Professional University); Rajinder Vir (Lovely Professional University)	amandeepkaur.kaur06@gmail.com; arwinder31660@lpu.co.in; gilldrkomal@gmail.com; rvir75@gmail.com	amandeepkaur.kaur06@gmail.com	Amandeep Kaur
4	12	Fight Detection in Surveillance Cameras: A Comprehensive Analysis of Traditional and Deep Learning Approaches	Chirag Sharma (Lovely Professional University)*; K.B.S Kartik Vera Prajnaik (Lovely Professional University); Tanya Nagpal (Lovely Professional University)	chiragsharma1510@gmail.com; rajendrasrinivas1971@gmail.com; tanya.nagpal1989@gmail.com	chiragsharma1510@gmail.com	Chirag Sharma
5	13	An AI-Powered Diagnose of Plant Disease Using CNN And Attention Mechanism	Parveen Dhaliwal (Lovely Professional University)*	dhaliwalz.noor@gmail.com	dhaliwalz.noor@gmail.com	Parveen Dhaliwal
6	108	Understanding Sarcasm Through Dataset-Level Linguistic and Semantic Profiling: A Comparative Study of iSarcasm and MMSD2.0	Riya Bhalavat (Narsee Munjee Institute of Management Studies)*; Jui Bhosle (Narsee Munjee Institute of Management Studies); Siddhi Kulkarni (Narsee Munjee Institute of Management Studies); Abhishek Vichare (Narsee Munjee Institute of Management Studies)	riyabhalavat04@gmail.com; jui.bhosle11@nmims.in; siddhi.kulkarni45@nmims.in; abhishek.vichare@nmims.edu	riyabhalavat04@gmail.com	Riya Bhalavat

* corresponding author

Session Chair: Dr. Hemraj Saini, Dean (Faculty Affairs) & Professor, DIT University, Dehradun

Dr. Pardeep Kumar, Professor, Jaypee University of Information Technology, Solan Himachal Pradesh

Regards:

Organizing Team
ICTDS_2025_NMIMS_CHD

Dr. Preetjot Kaur, Assistant Professor, School of Technology, Management and Engineering (STME), NMIMS, Chandigarh

Session: 2 Room No: D103 (D-Block 1st Floor)

Date: 19.12.2025 Time: 3:00 PM to 4:00 PM

Sr. No.	Paper ID	Paper Title	Author Names	Author Emails	Primary Contact Author Email	Corresponding Author
1	14	Explainable Deep Learning with ResNet50 and Grad-CAM for Agricultural Pest Classification	Anshu Sharma (Lovely Professional University)*	asharma406@gmail.com	asharma406@gmail.com	Anshu Sharma
2	17	State of the art deep learning methods for melanoma classification	Niharika Thakur (Chitkara University)*	niharika.thakur@chitkara.edu.in	niharika.thakur@chitkara.edu.in	Niharika Thakur
3	22	Genetic Algorithm-Enhanced Fusion Network for Multi-Sequence MRI Brain Tumor Characterization	Osho Sharma (Chitkara University H.P)*; Apil Poudel (Chitkara University H.P); Vibha Ayri (Chitkara University H.P)	osho.sharma@chitkarauniversity.edu.in; apil1654.be24@chitkarauniversity.edu.in; vibha.ayri@chitkarauniversity.edu.in	osho.sharma@chitkarauniversity.edu.in	Osho Sharma
4	28	Evolution and Comprehensive Analysis of Machine Translation Systems for Regional Languages	Sachin Majithia (Punjabi University Patiala)*; Dr. Harjeet Singh (Mata Gujri College, Fatehgarh Sahib); Dr. Rajeev Puri (, DAV College, Jalandhar)	sachinmajithia@gmail.com; zrjeet@gmail.com; rpuri@davjalandhar.com	sachinmajithia@gmail.com	Sachin Majithia
5	41	SmartHeart RF: A Machine Learning Approach to Cardiovascular Disease Detection in Obesity	Abhishek Khanna (Chitkara University); Sapna . (GSSDGS Khalsa College, Patiala); Arjun Puri (Chitkara University)*	abhikhanna@hotmail.com; sapnakcp@gmail.com; arjun.puri@chitkara.edu.in	arjun.puri@chitkara.edu.in	Abhishek Khanna
6	115	Does Punctuation Matter? An Empirical Analysis of Sentiment Tools	Prachi Trivedi (Mukesh Patel School of Technology Management and Engineering); Aaryaki Patil (Mukesh Patel School of Technology Management and Engineering); Khushi Bagaria (Mukesh Patel School of Technology Management and Engineering); Ria Chawak (Mukesh Patel School of Technology Management and Engineering); Abhishek Vichare (Mukesh Patel School of Technology Management and Engineering)	prachic0812@gmail.com; aaryakipatil01@gmail.com; khushibagariaa@gmail.com; ria.chawak88@nmims.in; Abhishek.Vichare@nmims.edu	khushibagariaa@gmail.com	Khushi Bagaria
7	127	ProCollab: An AI-Enhanced Cloud-Based Platform for Interdisciplinary Collaborative Project Management	Mohammed Sohail (SVKM's NMIMS)*; Pujitha Charala (SVKM's NMIMS); Sri Nithya (SVKM's NMIMS); Rahul Koshti (SVKM's NMIMS); Chandarakant Wani (SVKM's NMIMS)	sohail.mohammed032@nmims.edu.in; Pujitha.ch017@nmims.edu.in; Sri.nithya013@nmims.edu.in; rahul.koshti@nmims.edu; chandrakant.Wani@nmims.edu	sohail.mohammed032@nmims.edu.in	Mohammed Sohail

* corresponding author

Session Chair: Dr. Amita Rani, Professor, DCRUST Murthal, Sonapat, Haryana

Dr. Ajay Kumar, Assistant Professor, School of Technology, Management and Engineering (STME), NMIMS, Chandigarh

Dr. Aman Sharma, Assistant Professor, Jaypee University of Information Technology, Solan Himachal Pradesh

Organizing Team
IICTDS_2025_NMIMS_CHD



International Conference on Computational Techniques in Data Science ICTDS 2025 December 19th-20th, 2025

Session: 3 Room No: D104 (D-Block 1st Floor)

Date: 19.12.2025 Time: 3:00 PM to 4:00 PM

Sr. No.	Paper ID	Paper Title	Author Names	Author Emails	Primary Contact Author Email	Corresponding Author
1	57	Performance Comparison of Text-to-Video Generative Models	Gourav Kashiv (Panjab University)*; Sarbjeet Singh (Panjab University)	gouravkashiv3@gmail.com; sarbjeet@pu.ac.in	gouravkashiv3@gmail.com	Gourav Kashiv
2	59	Comparative Analysis of Text-to-Image Generation Models	Komal . (Punjab University)*; Sarbjeet Singh (Punjab University)	komalaul28@gmail.com; sarbjeet@pu.ac.in	komalaul28@gmail.com	Komal
3	78	MSM2: Multi Scale and Multi Model based Diabetic Retinopathy detection with TTA	Rounak Gera (Amity University Punjab, Mohali); Dr. Himanshu Verma (Dr B R Ambedkar National Institute of Technology Jalandhar)*	rounak.gera@s.amity.edu; himanshu16.nith@gmail.com	himanshu16.nith@gmail.com	Himanshu Verma
4	85	Artificial Intelligence Enabled Early Drug Discovery and Pre-Clinical Testing: A Paradigm Shift Towards Automation	Parul Nain (Amity University Haryana)*; Atin Kalra (Amity University Haryana); Raman Kumar Goyal (Thapar Institute of Engineering and Technology, Patiala, Punjab); Pradip Nirbhavane (Amity University Haryana); Satish Sardana (Amity University Haryana)	Parul.jain1@s.amity.edu; atinkalra11@gmail.com; ramankumar.goyal@thapar.edu; pnirbhavane@ggn.amity.edu; ssardana@ggn.amity.edu	Parul.jain1@s.amity.edu	Parul Nain
5	89	A Review on AI Applications in Modern Judicial Systems: Current Capabilities and Challenges	Lavina Rani (Deenbandhu Chhotu Ram University of Science and Technology)*	24001901004lavina@dcrustm.org	24001901004lavina@dcrustm.org	Lavina Rani

* corresponding author

Session Chair:

Dr. Neeraj Sharma, Professor and Dean, Lovely Professional University, Phagwara, Punjab

Dr. Aditya Bakshi, Assistant Professor, School of Technology, Management and Engineering (STME), Chandigarh

Dr. Rajini Mohana, Professor and Dean, Amity University Mohali, Punjab

Regards:

Organizing Team
ICTDS_2025_NMIMS_CHD

International Conference on Computational Techniques in Data Science ICTDS 2025 December 19th-20th, 2025

Session: 4 Room No: D106 (D-Block 1st Floor)

Date: 19.12.2025 Time: 3:00 PM to 4:00 PM

Sr. No.	Paper ID	Paper Title	Author Names	Author Emails	Primary Contact Author Email	Corresponding Author
1	92	An Explainable Ensemble Framework for Predicting Undergraduate Major Selection Decisions	Dhruv Gupta (Chitkara University)*; Vibhu Sharma (Chitkara University); Aniket Bhatia (Chitkara University); Ketan Kumar (Chitkara University)	dhruv0240.be23@chitkara.edu.in; sharma.vibhu@chitkara.edu.in; aniket0195.be23@chitkara.edu.in; ketan0546.be23@chitkara.edu.in	dhruv0240.be23@chitkara.edu.in	Dhruv Gupta
2	99	Deep Learning Techniques in Bone Marrow Cell Classification: A Review	Rishabh Hanselia (Indian Institute of Information Technology Bhagalpur); Dilip Kumar Cjube (Indian Institute of Information Technology Bhagalpur); Neeraj Yadav (Indian Institute of Information Technology Bhagalpur)*; Ashutosh Mishra (Thapar Institute of Engineering & Technology, Patiala)	rishabhhsanselia@gmail.com; dilipchoubey_1988@yahoo.in; neerajyadavkhg@gmail.com; ashutosh.mishra@thapar.edu	neerajyadavkhg@gmail.com	Ashutosh Mishra
3	113	Student Depression Prediction Using Feature Selection and Logistic Regression Algorithm	Dileep Sharma (Chitkara University, HP)*; Aarya Khatiwada (Chitkara University); Tanisha Thapa (Chitkara University); Manaswee Niraula (Chitkara University); Abhilasha Sharma (Chitkara University)	dileep.kumar@chitkarauniversity.edu.in; aarya1612.be23@chitkarauniversity.edu.in; tanisha1620.be23@chitkarauniversity.edu.in; manaswee1613.be23@chitkarauniversity.edu.in; abhilasha.sharma@chitkarauniversity.edu.in	dileep.kumar@chitkarauniversity.edu.in	Dileep Sharma
4	128	Marketing in Era of Metaverse	Dr Rini Rini (University Institute of Applied Management Sciences , UIAMS, Panjab University)*; Dhivesh Komal Saini (University Institute of Applied Management Sciences , UIAMS, Panjab University); Sehajpreet Singh Boparai (University Institute of Applied Management Sciences , UIAMS, Panjab University); Robinpreet Singh (University Institute of Applied Management Sciences , UIAMS, Panjab University); Jagandeep Singh Paul (University Institute of Applied Management Sciences , UIAMS, Panjab University)	Rini1045@gmail.com; kdhipeshsaini@gmail.com; sp99boparai@gmail.com; bhangurobinpreet@gmail.com; jagan.paul13@gmail.com	Rini1045@gmail.com	Rini Rini
5	129	Technology Integration in Education: A Systematic Literature Review of Adoption, Online Learning Environments, and Impact	Waris Bhateja (University Institute of Applied Management Sciences , UIAMS, Panjab University); Harleen Kaur (University Institute of Applied Management Sciences , UIAMS, Panjab University); Dr Rini Rini (University Institute of Applied Management Sciences , UIAMS, Panjab University)*; Ramadhan Hashim Ramadhan (University Institute of Applied Management Sciences , UIAMS, Panjab University); Arzoo Jamwal (University Institute of Applied Management Sciences , UIAMS, Panjab University)	warisbhateja2027.uiams@gmail.com; hkaur041313@gmail.com; Rini1045@gmail.com; ramadhanhashim115@gmail.com; jamwal098@gmail.com	Rini1045@gmail.com	Rini Rini

* corresponding author

Session Chair: Dr. Yashwant Singh, Professor, Central University of Jammu, Jammu & Kashmir

Dr. Balram, Associate Professor Wadia Institute of Himalayan Geology, DST Govt. of India, Dehradun

Regards:

Organizing Team
ICTDS_2025_NMIMS_CHD

Dr. Aastha Gupta, Assistant Professor, School of Technology, Management and Engineering (STME), NMIMS, Chandigarh

International Conference on Computational Techniques in Data Science IICTDS 2025 December 19th-20th, 2025

Session: 5 Room No: D101 (D-Block 1st Floor)

Date: 19.12.2025 Time: 4:00 PM to 5:00 PM

Sr. No.	Paper ID	Paper Title	Author Names	Author Emails	Primary Contact Author Email	Corresponding Author
1	96	From Black-Box to Explainability: Advancing AI in Lung Cancer Detection with Robust XAI Methods	Ashish Girdhar (Kurukshetra University, Kurukshetra)*; Rashmi Ranga (Kurukshetra University, Kurukshetra)	ashishgirdhar@kuk.ac.in; rsmiranga@gmail.com	ashishgirdhar@kuk.ac.in	Ashish Girdhar
2	135	Artificial Intelligence and Data Science for Sustainable Agriculture: A Comprehensive Analysis of Technologies, Applications, and Implementation Challenges	Rohit Kumar (Shoolini University); Aditya Kalra (Shoolini University); Akshay Kumar (Shoolini University); Piyush Sewal (Amity University Punjab)*	rohitkumar71515@gmail.com; aditya.kalra.cs@gmail.com; akshupandit0808@gmail.com; piyush.sewal@gmail.com	piyush.sewal@gmail.com	Piyush Sewal
3	139	An Empirical Study to Predict Potato Diseases using Machine Learning Algorithms	Akanksha Kaushik (The NorthCap University School of Engineering & Technology)*; Manvi Breja (The NorthCap University)	er.akankshakaushik@gmail.com; manvibreja@ncuindia.edu	er.akankshakaushik@gmail.com	Akanksha Kaushik
4	169	Optimization of Large Language Models for Task Specific Applications	Aditya Kumar (Chandigarh University)*; Ranjit Singh (Chandigarh University); Manjit Singh (Chandigarh University)	adityakr082@gmail.com; ranjit.bhatthal@gmail.com; manjit.behniwal@gmail.com	adityakr082@gmail.com	Aditya Kumar
5	182	AURA-X: AI-Powered Framework for Secure Cloud Access	Manpreet Kaur (IKGPTU)*	mk.ripple59@gmail.com	mk.ripple59@gmail.com	Manpreet Kaur
6	200	IoT-Integrated Edge AI for Night-Time Rural Flood Detection Using Thermal and Low-Light Image Classification	Osho Sharma (Chitkara University H.P)*; Arvind Kumar Singh (Chitkara University H.P); Vibha Ayri (Chitkara University H.P)	osho.sharma@chitkarauniversity.edu.in; arvind1121.be24@chitkarauniversity.edu.in; vibha.ayri@chitkarauniversity.edu.in	osho.sharma@chitkarauniversity.edu.in	Osho Sharma
7	19	Salient Object Detection: A Short Review	Sakshi Aggarwal (IIT Ropar)*; Deepika Tyagi (JSS Academy of Technical Education Noida); Neha Tyagi (JSS Academy of Technical Education Noida); Priya Singh (JSS Academy of Technical Education Noida)	er.sakshi2019@gmail.com; deepika.tyagi@jssaten.ac.in; neha.tyagi@jssaten.ac.in; priya.singh@jssaten.ac.in	er.sakshi2019@gmail.com	Sakshi Aggarwal

* corresponding author

Session Chair: Dr. Arvind Kumar, Assistant Professor, Jaypee University of Information Technology, Solan Himachal Pradesh

Dr. Chirag Sharma, Associate Professor, Lovely Professional University, Phagwara, Punjab

Regards:

Organizing Team
IICTDS_2025_NMIMS_CHD

Dr. Ranvir Singh Panwar, Assistant Professor, School of Technology, Management and Engineering (STME), Chandigarh

International Conference on Computational Techniques in Data Science ICTDS 2025 December 19th-20th, 2025

Session: 6 Room No: D103 (D-Block 1st Floor)

Date: 19.12.2025 Time: 4:00 PM to 5:00 PM

Sr. No.	Paper ID	Paper Title	Author Names	Author Emails	Primary Contact Author Email	Corresponding Author
1	210	Smart Space Life Cycles Using a Semantic Interoperability Approach	Sachin Bhardwaj (Fontys University of Applied Sciences)*	sachin.bhardwaj@fontys.nl	sachin.bhardwaj@fontys.nl	Sachin Bhardwaj
2	211	Adaptive Neighborhood Search-Based Hybrid Clustering (ANSHC): A Robust Metaheuristic Framework for Partitional Data Clustering	Pratima Verma (KGV)*; BAL RAM (WIHG); Yugal Kumar (NMIMS, Chandigarh Campus)	prtdreams@gmail.com; balrammlis@gmail.com; yugalkumar.14@gmail.com	prtdreams@gmail.com	BAL RAM
3	235	CAD-Pest: A CUDA-Accelerated Deep Learning Framework for Intelligent, Real-Time Pest Detection and Classification on the AgroPest-12 Dataset	Mankirat Kaur (Chitkara university)*; Abhinavpreet Singh Arora (Chitkara University); Pratham Mittal (Chitkara University)	mankirat.kaur@chitkara.edu.in; abhinavpreet0090.becse24@chitkara.edu.in; pratham1481.becse24@chitkara.edu.in	mankirat.kaur@chitkara.edu.in	Mankirat Kaur
4	237	A Heterogeneous Stacking Ensemble with SHAP-Based Interpretability for Lung Cancer Prediction	Inderpreet Kaur (Chitkara University)*; Kishna Sachdeva (Chitkara University); Kashvi Goyal (Chitkara university); Shivin Azad (Chitkara University)	kaur.inderpreet@chitkara.edu.in; kishna1358.becse24@chitkara.edu.in; kashvi0732.becse24@chitkara.edu.in; shivin0778.becse24@chitkara.edu.in	kaur.inderpreet@chitkara.edu.in	Inderpreet Kaur
5	238	Supply Chain Management and Logistics: A Data Analytics, Machine Learning, and Artificial Intelligence Perspective	Ansh Kaur (Chitkara University)*; Angelpreet Kaur (Chitkara University)	ansh0043.becse24@chitkara.edu.in; angelpreet0038.becse24@chitkara.edu.in	ansh0043.becse24@chitkara.edu.in	Ansh Kaur
6	171	Industry 5.0 for Smart Healthcare Technologies: Utilising Artificial Intelligence, Internet of Medical Things and Blockchain	Sahlu Duggal (LPU, Jalandhar); Shivani Sood (LPU, Jalandhar); Lovely Sharma (LPU, Jalandhar); Vivek Venkatesan (The Vanguard Group); Chander Prabha (Chitkara University Institute of Engineering and Technology)*; Balamurugan Balusamy (Manipal Academy of Higher Education)	shaluduggal14@gmail.com; shivani.31165@lpu.co.in; pcmsd.drlovely@gmail.com; vivekvenkatesan@ieee.org; prabhanice@gmail.com; kadavulai@gmail.com	prabhanice@gmail.com	Chander Prabha

* corresponding author

Session Chair: Dr. Bappa Mukherjee, Scientist C, Wadia Institute of Himalayan Geology Dehradun, DST Govt. of India
Dr. Ashish Mogra, Assistant Professor, School of Technology, Management and Engineering (STME), NMIMS, Chandigarh

Dr. Amit Malik, Dr. Akhilesh Das Gupta Institute of Professional Studies, New Delhi

Regards:

Organizing Team
ICTDS_2025_NMIMS_CHD

International Conference on Computational Techniques in Data Science ICTDS 2025 December 19th-20th, 2025

Session: 7 Room No: D104 (D-Block 1st Floor)

Date: 19.12.2025 Time: 4:00 PM to 5:00 PM

Sr. No.	Paper ID	Paper Title	Author Names	Author Emails	Primary Contact Author Email	Corresponding Author
1	240	Predictive Modeling for Women Anemia Diagnosis Using Hybrid Machine Learning Approaches	Bhumika Chopra (Chitkara University)*; Armanpreet Kaur (Chitkara University); Gagandeep Kaur (Chitkara University)	bhumika1555.be23@chitkara.edu.in; armanpreet1537.be23@chitkara.edu.in; gagandeep.kaur@chitkara.edu.in	bhumika1555.be23@chitkara.edu.in	Bhumika Chopra
2	254	Green Banking for Sustainable Development– A Case Study of Small Finance Banks in India	Parul Mahajan (SVKMs NMIMS Deemed to be University)*; Janhvi Goel (Chitkara University, Punjab); Suhani Marwaha (Bright Academy, Chandigarh)	parul.mahajan@nmims.edu; janhvigoel55@gmail.com; suhani.marwaha5608@gmail.com	parul.mahajan@nmims.edu	Parul Mahajan
3	263	Visual Question Answering (VQA)-Forensics: A Multi-Modal Framework for Attribute-Aware Vehicle Tracking in Surveillance Footage	Devanshi Jangra (Amity Univeristy Punjab, Mohali); Bhavpreet Kaur (Amity Univeristy Punjab, Mohali); Law Singh (Amity University Punjab , Mohali)*	idevanshi03@gmail.com; bhavpreet.kaur@s.amity.edu; lawkumarcsl@gmail.com	lawkumarcsl@gmail.com	Law Singh
4	265	Hybrid Deep Learning Model for Underwater Image Enhancement	Sirjan Kaur (Amity University Punjab); Harsimran Singh (Amity University Punjab); Law Singh (Amity University Punjab , Mohali)*	sirjan.kaur1@s.amity.edu; harsimran.singh1@s.amity.edu; lawkumarcsl@gmail.com	lawkumarcsl@gmail.com	Law Singh
5	275	Revolutionizing Finance with Blockchain: Addressing Scalability, Regulatory, and Technological Challenges	Surendra Shukla (Amity University Noida, UP, India); Vishan Gupta (Amity University Punjab, Mohali, India)*; Garima Sharma (Graphic Era Deemed to be University, Dehradun); Paras Jain (VIT Bhopal University, Kothrikalan, Sehore, MP, India); Law Kumar Singh (Amity University Punjab, Mohali); Vivek Kuma Shukla (SVKM NMIMS Chandigarh)	dr.surendrakshukla@gmail.com; vishangupta@gmail.com; garimavrm91@gmail.com; paras.jain@vitbhopal.ac.in; lawkumarcsl@gmail.com; vivekshuklabhu@gmail.com	vishangupta@gmail.com	Law Kumar Singh

* corresponding author

Session Chair:

Dr. Sanjay Kumar Malik, Professor, Dr. Akhilesh Das Gupta Institute of Professional Studies, New Delhi

Dr. Meenakshi Malhotra, Assistant Professor, CUIET, Chitkara University, Rajpura, Punjab

Regards:

Organizing Team
ICTDS_2025_NMIMS_CHD

Dr. Preetjot Kaur, Assistant Professor, School of Technology, Management and Engineering (STME), NMIMS, Chandigarh

International Conference on Computational Techniques in Data Science ICTDS 2025 December 19th-20th , 2025

Session: 8 Room No: D106 (D-Block 1st Floor)

Date: 19.12.2025 Time: 4:00 PM to 5:00 PM

[ICTDS_2025_NMIMS_CHD-SESSION_01 | Meeting-
Join | Microsoft Teams](#)

Link:

Sr. No.	Paper ID	Paper Title	Author Names		Primary Contact Author Email	Corresponding Author	
1	297	A Comprehensive Survey of Multimodal Machine Learning: Taxonomy, Recent Advances, and Future Directions	Deepa Guleria (SVKM's NMIMS Deemed to be University)*; Avantika Saklani (1Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India)		deepa.guleria@nmims.edu; avantika.saklani@nirmauni.ac.in	deepa.guleria@nmims.edu	Avantika Saklani
2	294	Decoding Ecopreneurial Behavior: How Motivations Drive Eco-Efficiency in Indian Startups	Deepa Guleria (SVKM's NMIMS Deemed to be University)		deepa.guleria@nmims.edu	deepa.guleria@nmims.edu	Deepa Guleria
3	281	Machine Learning-Based Malicious URL Detection System	Laxminath Tripathy (Siksha 'O' Anusandhan University)*; Yugal Kumar (STME, NMIMS University)		laxminathtripathy@soa.ac.in; Yugal.kumar@nmims.edu	laxminathtripathy@soa.ac.in	Yugal Kumar
4	90	Enhancing Recommendation Diversity in Trust-Based GNNs Through Adversarial Regularisation	Dhruvi Goradia (Mukesh Patel School of Technology Management and Engineering)*; Kaustubh Sharma (Mukesh Patel School of Technology Management and Engineering); Akshata More (Mukesh Patel School of Technology Management and Engineering); Abhishek Vichare (Mukesh Patel School of Technology Management and Engineering)		goradiadhruvi@gmail.com; sharmakaustubh406@gmail.com; akshatapraavinmore@gmail.com; abhishek.vichare@nmims.edu	goradiadhruvi@gmail.com	Dhruvi Goradia
5	157	DCAN-FASSP: A Dual-Path Cross-Modal Adapter Network with Frequency-Aware Self-Supervised Pretraining for Robust and Explainable Deepfake Detection	Nitish Kumar (Lovely Professional University , Punjab India)*; Chirag Sharma (Lovely Professional University , Punjab India); Anshu sharma (Lovely Professional University , Punjab India)		nitishchauhan946@gmail.com; chiragsharma1510@gmail.com; asharma406@gmail.com	nitishchauhan946@gmail.com	Nitish Kumar
6	309	Intelligent geo-networking routing for Stable Route Selection in urban vehicular networks	Abhilasha Sharma, National Institute of Technology Kurukshetra, Haryana		abhilasha@nitkr.ac.in	abhilasha@nitkr.ac.in	Abhilasha Sharma
7	321	Performance Analysis of Single and Multi-Objective Metaheuristic Algorithms for Data Clustering Problems	Arvinder Kaur, Pardeep Kumar and Prashant Yadav		er.arvinderhillon@gmail.com , Pardeepc4u@gmail.com, Prashantyadav786@gmail.com	er.arvinderhillon@gmail.com	Arvinder Kaur
8	322	Data-Driven Approach for Salary Prediction of Employee Salaries Using Advanced Analytics	Arvinder Kaur, Pardeep Kumar and Prashant Yadav		er.arvinderhillon@gmail.com , Pardeepc4u@gmail.com, Prashantyadav786@gmail.com	er.arvinderhillon@gmail.com	Arvinder Kaur

* corresponding author

Session Chair: Dr. Pankaj Sharma, Professor, NITTTR, Chandigarh

Dr. Ajay Kumar, Professor, Manipal University, Jaipur

Regards:

Organizing Team
ICTDS_2025_NMIMS_CHD

Dr. Ajay Kumar, Assistant Professor, School of Technology,
Management and Engineering (STME), NMIMS, Chandigarh



International Conference on Computational Techniques in Data Science ICTDS 2025 December 19th-20th , 2025

Session: 1 Room No: D101 (D-Block 1st Floor)

Date: 20.12.2025 Time: 10:00 AM to 11:30 AM

Link: [ICTDS_2025_NMIMS_CHD-SESSION_02 | Meeting-Join | Microsoft Teams](#)

Sr. No.	Paper ID	Paper Title	Author Names	Author Emails	Primary Contact Author Email	Corresponding Author
1	25	RecLM-Inspired Source-Aware Framework for Fake News Detection: A Proposal for Contextual Credibility Integration	Vishakha Chauhan (SRM IST)*; Dr. Abhilasha Singh (SRMIST); Dr. Manish Bharadwaj (KIET Group of Institutions)	vishakha.263@gmail.com; abhilass1@gmail.com; aapkaapna13@gmail.com	vishakha.263@gmail.com	Vishakha Chauhan
2	31	Orchestrating Insight at Scale: Benchmarking Multi-Step Analytics Agents for Enterprise Decision Support	Md Rayhan Khan (MAR Symantech)*	rayhankhan3445@gmail.com	rayhankhan3445@gmail.com	Md Rayhan Khan
3	70	Neural Curators: Multi-label Text Models for Recovering Experimental Metadata at Scale	Lovish Gour (Union commonwealth)*	lovishsharma313@gmail.com	lovishsharma313@gmail.com	Lovish Gour
4	47	Schema-First Pipelines for Clinical Signals: Tidy Structuring as the Engine of Health Data Analytics	Lovish Gour (Union commonwealth)*	lovishsharma313@gmail.com	lovishsharma313@gmail.com	Lovish Gour
5	48	A Convolution-Attention Framework with Explainable AI for Ovarian Cancer Diagnosis using Histopathology Images	Hrishita Panjetha (Amity University Noida)*; Jitendra Singh Jadon (Amity University Noida)	hrishita.panjetha@gmail.com; jsjadon@amity.edu	hrishita.panjetha@gmail.com	Hrishita Panjetha
6	19	Salient Object Detection: A Short Review	Sakshi Aggarwal (IIT Ropar)*; Deepika Tyagi (JSS Academy of Technical Education Noida); Neha Tyagi (JSS Academy of Technical Education Noida); Priva Singh (JSS Academy of Technical Education Noida)	er.sakshi2019@gmail.com; deepika.tyagi@jssaten.ac.in; neha.tyagi@jssaten.ac.in;	er.sakshi2019@gmail.com	Sakshi Aggarwal

* corresponding author

Session Chair: Dr. Abhishek Vichare, Assistant Professor, MPSTME, Mumbai

Dr. Satish Kumar, Chief Scientist, CSIO, Chandigarh

Regards:

Organizing Team
ICTDS_2025_NMIMS_CHD

Dr. Aditya Bakshi, Assistant Professor, School of Technology, Management and Engineering (STME), Chandigarh

International Conference on Computational Techniques in Data Science ICTDS 2025 December 19th-20th , 2025

Session: 2 Room No: D103 (D-Block 1st Floor)

Date: 20.12.2025 Time: 10:00 AM to 11:30 AM

Link: [ICTDS_2025_NMIMS_CHD-SESSION_03 | Meeting-Join | Microsoft Teams](#)

Sr. No.	Paper ID	Paper Title	Author Names	Author Emails	Primary Contact Author Email	Corresponding Author
1	53	Digital Twin for Temple Security and Crowd Management	Ayush Bisen (Symbiosis Institute of Technology, Nagpur Campus, Symbiosis International (Deemed University), Pune, Maharashtra); Madhura Rewatkar (Symbiosis Institute of Technology, Nagpur Campus, Symbiosis International (Deemed University), Pune, Maharashtra); Sai Konde (Symbiosis Institute of Technology, Nagpur Campus, Symbiosis International (Deemed University), Pune, Maharashtra); Monali Gulhane (Symbiosis Institute of Technology, Nagpur Campus, Symbiosis International (Deemed University), Pune, Maharashtra); Nitin Rakesh (Symbiosis Institute of Technology, Nagpur Campus, Symbiosis International (Deemed University), Pune, Maharashtra); Akhil Gupta (Symbiosis Institute of Technology, Nagpur Campus, Symbiosis International (Deemed University), Pune, Maharashtra)*	ayushbisen321@gmail.com; madhurarewatkar1076@gmail.com; saikonde03@gmail.com; monali.gulhane4@gmail.com; nitin.rakesh@gmail.com; akhilgupta112001@gmail.com	akhilgupta112001@gmail.com	Akhil Gupta
2	55	Vision-Based Car Control System for Gaming with Integrated Driver Performance Rating	Govind Gonnade (Symbiosis Institute of Technology, Nagpur); Akhil Gupta (Symbiosis Institute of Technology, Nagpur); Shadab Pervez (Symbiosis Institute of Technology, Nagpur); Dr.Nitin Rakesh (Symbiosis Institute of Technology, Nagpur); Monali Gulhane (Symbiosis Institute of Technology, Nagpur)*; Firdous Sadaf Mohammad Ismail (Symbiosis Institute of Technology, Nagpur)	gonnadegovind06@gmail.com; akhilgupta112001@gmail.com; shadab.p.ngp@gmail.com; nitin.rakesh@gmail.com; monali.gulhane4@gmail.com; firdoussadaf2810@gmail.com	monali.gulhane4@gmail.com	Monali Gulhane
3	56	Autonomous Agentic AI Pipeline For Efficient Data Preprocessing	Ishita Sawhney (Amity University Uttar Pradesh)*; Raj Nandini Singh (Amity University Uttar Pradesh); Diya Bhandari (Amity University Uttar Pradesh); Sumit Kumar (Amity University Uttar Pradesh); Surbhi Vijj (Amity University Uttar Pradesh); Roop Singh (Amity University Uttar Pradesh)	isha30sawhney.2020@gmail.com; nandinisingh1622@gmail.com; diyabhandari@gmail.com; sumitkumarbsr19@gmail.com; surbhivijh428@gmail.com; roopsolanki@gmail.com	isha30sawhney.2020@gmail.com	Ishita Sawhney
4	33	AI-Powered Mental Health Detection: A Multimodal System for Analysing Social Media Activity and Physiological Data	Dhanish Ladwani (Symbiosis Institute of Technology, Nagpur); Firdous Sadaf Mohammad Ismail (Symbiosis Institute of Technology, Nagpur); akhil gupta (Symbiosis Institute of Technology, Nagpur); Salim Ansari (Symbiosis Institute of Technology, Nagpur); Rohan Laharwani (Symbiosis Institute of Technology, Nagpur); Monali Gulhane (Symbiosis Institute of Technology, Nagpur)*; Dr.Nitin Rakesh (Symbiosis Institute of Technology, Nagpur)	dhanish.ladwani.batch2024@sitnagpur.siu.edu.in; firdoussadaf2810@gmail.com; akhilgupta112001@gmail.com; salim.ansari.batch2024@sitnagpur.siu.edu.in; rohan.laharwani.batch2024@sitnagpur.siu.edu.in; monali.gulhane4@gmail.com; nitin.rakesh@gmail.com	monali.gulhane4@gmail.com	Monali Gulhane
5	86	Trading Price Prediction Using Sentiment Analysis	Sumair Mohammed (CMR Engineering college)*; Rishaad Abdul (CMR Engineering college); Pranay KP (CMR Engineering college); Nishad Anwar Mohammed (CMR Engineering college); Rasheeduddin Sayyad (CMR Engineering college)	sumairmohd143@gmail.com; abdulrishaad0512@gmail.com; pranaykannan1306@gmail.com; mohammednishadnwar@gmail.com; rsasheeduddin@cmrec.ac.in	sumairmohd143@gmail.com	Sumair Mohammed
6	83	Deep Reinforcement Learning based Energy-Aware Virtual Machine Consolidation Method in cloud	Puja Thakur (JUIT)*; Arvind Kumar (JUIT); Kushal Kanwar (JUIT); Jagpreet Sidhu (STME, NMIMS, Chandigarh)	thakurpuja777@gmail.com; arvind.kumar@juit.ac.in; kushalneo@gmail.com; jagpreet.pu@gmail.com	thakurpuja777@gmail.com	PPuja Thakur
7	84	Advancing Cardiovascular Disease Detection Using Machine Learning	Devansh Sharma (manav rachna international institute of research and studies)*; savita dagar (manav rachna international institute of research and studies); Laivish Sharma (manav rachna international institute of research and studies)	sharmadevansh0001@gmail.com; savitadagar9@gmail.com; laivishsharma123@gmail.com	sharmadevansh0001@gmail.com	Devansh Sharma
8	91	An Explainable Two-Tier Machine Learning Framework for Early Detection and Refined Assessment of Anxiety Levels	Himani Tyagi (Sharda university)*; Harshit Saini (Student, Sharda university); Ishaan Bhatt (Student, Sharda university)	htyagi.iitkgp@gmail.com; harshitnew2025@gmail.com; yash.ishaan14@gmail.com	htyagi.iitkgp@gmail.com	Himani Tyagi

* corresponding author

Session Chair: Dr. Abhilasha Sharma, Assistant Professor, NIT,Kurukshetra

Dr Arvinder Kaur, Associate Professor, Chandigarh Group of Colleges (CGC) - Landran, Mohali

Regards:

Organizing Team ICTDS_2025_NMIMS_CHD

Dr. Preetjot Kaur, Assistant Professor, School of Technology, Management and Engineering (STME), NMIMS, Chandigarh

International Conference on Computational Techniques in Data Science ICTDS 2025 December 19th-20th , 2025

Session: 3 Room No: DI04 (D-Block 1st Floor)

Date: 20.12.2025 Time: 10:00 AM to 11:30 AM

Link: [ICTDS_2025_NMIMS_CHD-SESSION_04 | Meeting-Join | Microsoft Teams](#)

Sr. No.	Paper ID	Paper Title	Author Names	Author Emails	Primary Contact Author Email	Corresponding Author
1	95	Digital Transformation- Integration of Emerging Technologies in ISO/IEC 17025:2017 accredited Testing Laboratories: A Systematic Literature Review	N V ANAND KUMAR (MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT AND ENGINEERING); Shalini Wadhwa (MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT AND ENGINEERING)*	nvanandkumar@gmail.com; shalini.wadhwa06@gmail.com	shalini.wadhwa06@gmail.com	N V ANAND KUMAR
2	100	MediXpert: AI-Powered Diabetic Retinopathy Detection and Web Integration	Rajshree Srivastava (JSS Noida)*; Tushar Garg (JSS Noida); Tarun Kumar (JSS Noida); Vedant Saxena (JSS Noida)	rajshree.srivastava27@gmail.com; tusharga.2004@gmail.com; tarunk6952@gmail.com; vedant.saxena20@gmail.com	rajshree.srivastava27@gmail.com	Rajshree Srivastava
3	101	SYMBIOTIC: Intelligent Student Event Application	Renukar Pedhekar (Symbiosis Institute of Technology,Nagpur); Monali Gulhane (Symbiosis institute of technology Nagpur)*; Pranav Chitrive (Symbiosis institute of technology Nagpur); Jay Yende (Symbiosis Institute of Technology,Nagpur); Firdous Sadaf Mohammad Ismail (Symbiosis Institute of Technology,Nagpur); akhil gupta (Symbiosis Institute of Technology,Nagpur); Nitin Rakesh (Symbiosis Institute of Technology,Nagpur)	renuka.pedhekar.batch2024@sitnagpur.siu.edu.in; monali.gulhane4@gmail.com; pranav.chitrive.batch2024@sitnagpur.siu.edu.in; jay.yende.batch2024@sitnagpur.siu.edu.in; firdoussada2810@gmail.com; akhilgupta112001@gmail.com; nitin.rakesh@gmail.com	monali.gulhane4@gmail.com	Monali Gulhane
4	102	A Real-Time Deep Learning-Based Driver Drowsiness Detection System Using Computer Vision	Arya Zade (Symbiosis Institute of Technology,Nagpur); Tamanna Vaikkath (Symbiosis Institute of Technology,Nagpur); Arnav Padole (Symbiosis Institute of Technology,Nagpur); akhil gupta (Symbiosis Institute of Technology,Nagpur); Monali Gulhane (Symbiosis institute of technology Nagpur)*; Firdous Sadaf Mohammad Ismail (Symbiosis Institute of Technology,Nagpur); Nitin Rakesh (Symbiosis Institute of Technology,Nagpur)	aryazade114@gmail.com; vaikkathtamanna@gmail.com; arnavpadole2@gmail.com; akhilgupta112001@gmail.com; monali.gulhane4@gmail.com; firdoussada2810@gmail.com; nitin.rakesh@gmail.com	monali.gulhane4@gmail.com	Firdous Sadaf Mohammad Ismail
5	103	A Comparative Study of YOLOv5, YOLOv8, Faster R-CNN, and Single Shot Detector (SSD) for Vehicle Detection in Indian Traffic Scenarios	Sharwil Bhende (Symbiosis Institute of Technology,Nagpur); Shlok Anand (Symbiosis Institute of Technology,Nagpur); akhil gupta (Symbiosis Institute of Technology,Nagpur); Monali Gulhane (Symbiosis institute of technology Nagpur)*; Firdous Sadaf Mohammad Ismail (Symbiosis institute of technology Nagpur); Garima Shukla (Department of Computer Science and Engineering, Amity School of Engineering and Technology, Amity University Maharashtra, Mumbai, India); Nitin Rakesh (Symbiosis Institute of Technology,Nagpur)	sharwil.bhende.btech2023@sitnagpur.siu.edu.in; shlok.anand.btech2023@sitnagpur.siu.edu.in; akhilgupta112001@gmail.com; monali.gulhane4@gmail.com; firdoussada2810@gmail.com; garimashukla0719@gmail.com; nitin.rakesh@gmail.com	monali.gulhane4@gmail.com	Firdous Sadaf Mohammad Ismail
6	107	Bridging the Digital Language Divide: A Comprehensive Survey of English-to-Indian Low-Resource Machine Translation	Subha Mahajan (Shri Mata vaishno devi university)*; Baijnath Kaushik (Shri Mata Vaishno Devi University); Pooja Sharma (Shri Mata Vaishno Devi University)	subhamahajan.03@gmail.com; baijnath.kaushik@smvdu.ac.in; pooja.sharma@smvdu.ac.in	subhamahajan.03@gmail.com	Subha Mahajan
7	112	Developing Maskify: A Framework for AI- Driven PII Redaction in Personal Documents	Puja Thakur (JUT)*; Mahima Gupta (JSS Academy of Technical Education, Noida); Aryan Kushwaha (JSS Academy of Technical Education, Noida);JSS Academy of Technical Education, Noida); Tanish Rastogi (JSS Academy of Technical Education, Noida)	thakurpuja777@gmail.com; mahimagupta0811@gmail.com; aryankushwaha3101@gmail.com; rastogitanish673@gmail.com	thakurpuja777@gmail.com	Puja Thakur
8	119	Advances in Thunderstorm and Lightning Prediction: A Extensive Review	Pria Bharti (IIIT Bhagalpur)*; Dr. Dilip Kumar Choubey (IIIT Bhagalpur); Dr.Kanchan Bala (Gaya College of Engineering,Gaya)	pria.240301010@iiitbh.ac.in; dkchoubey.cse@iiitbh.ac.in; kanchanbala237@gmail.com	pria.240301010@iiitbh.ac.in	Pria Bharti

* corresponding author

Session Chair: Dr. Raman Kumar Goyal, Assistant Professor, TIET, Patiala,Punjab

Dr. Ashish Mogra, Assistant Professor, School of Technology, Management and Engineering (STME), NMIMS, Chandigarh

Dr. Deepa Guleria, Assistant Professor, School of Commerce(SOC), NMIMS, Chandigarh

Regards: Organizing Team ICTDS_2025_NMIMS_CHD

International Conference on Computational Techniques in Data Science IICTDS 2025 December 19th-20th , 2025

Session: 4 Room No: D106 (D-Block 1st Floor)

Date: 20.12.2025 Time: 10:00 AM to 11:30 AM

Link: [IICTDS_2025_NMIMS_CHD-SESSION_05 | Meeting-Join | Microsoft Teams](#)

Sr. No.	Paper ID	Paper Title	Author Names	Author Emails	Primary Contact Author Email	Corresponding Author
1	121	Genre-Specific Music Recommendation Review	S Sumathi (JSS Academy of Technical Education)*; Ishaan Srivastav (JSS Academy of Technical Education); Manan Sharma (JSS Academy of Technical Education); Himanshu Kumar (JSS Academy of Technical Education)	sumathi.s@jssaten.ac.in; ishaansrivastav0107770@gmail.com; manan6sharma@gmail.com; himanshukumar1824@gmail.com	sumathi.s@jssaten.ac.in	S Sumathi
2	122	Real-Time Visual Analytics System for Micro-Contaminant Detection in Injectable Drug Bottles	Eashwitha Gali (na)*	geashwitha@gmail.com	geashwitha@gmail.com	Eashwitha Gali
3	125	Optimizing Virtual Machine Consolidation: A Comparative Framework	Puja Thakur (JUIT)*; Arvind Kumar (JUIT); Kushal Kanwar (JUIT); Jagpreet Sidhu Sidhu (STME, NMIMS, Chandigarh)	thakurpuja777@gmail.com; arvind.kumar@juit.ac.in; kushalneo@gmail.com; jagpreet.pu@gmail.com	thakurpuja777@gmail.com	Puja Thakur
4	131	IoT and Machine Learning-Based Smart Agriculture: A Review	Kanchan Bala (Gaya College of Engineering, gaya)*; Kumari Sonam (Gaya College of Engineering, Gaya); Dilip Kumar Choubey (Indian Institute of Information Technology Bhagalpur, Bihar,India)	kbala2736@gmail.com; getmesonam9@gmail.com; dkchoubey.cse@iiitbh.ac.in	kbala2736@gmail.com	Kanchan Bala
5	132	Advanced Defect Part Identification System: A Comprehensive Multi-Modal Approach Integrating Computer Vision, Deep Learning, and IoT for Industry 4.0 Quality Control	Pooja Deswal (JSSATEN)*; Abhiyanshu Anand (JSSATEN); Abhishek Singh (JSSATEN); Sanskar Singh (JSSATEN); Chirag Bansal (JSSATEN)	pooja.deswal261994@gmail.com; abhiyanshu1107@gmail.com; asdec0302@gmail.com; 22csaiml074@jssaten.ac.in; 22csaiml084@jssaten.ac.in	pooja.deswal261994@gmail.com	Pooja Deswal
6	133	AI-Based Skin Color and Undertone Detection for Cosmetic Shade Recommendation: A Comprehensive Technical Review	Vishakha Chauhan (JSS ATE Noida)*; Khushi Yadav (JSS ATE Noida); Chinmay Nanda (JSS ATE Noida); Ayush Raj Chauhan (JSS ATE Noida)	vishakha.chauhan@jssaten.ac.in; yadavkhushi.31.01@gmail.com; 22csaiml076@jssaten.ac.in; 22csaiml077@jssaten.ac.in	vishakha.chauhan@jssaten.ac.in	Vishakha Chauhan
7	136	Smart City AI & Evidence Collection	Rajshree Srivastava (JSS Noida)*; Nischay Verma (JSS Noida); Shreya Sharma (JSS Noida); Aditya Mehrotra (JSS Noida)	rajshree.srivastava27@gmail.com; nischaynis1@gmail.com; shreyasharma200326@gmail.com; aditya.mehrotraa@gmail.com	rajshree.srivastava27@gmail.com	Rajshree Srivastava
8	137	SimpliLex: A Text Simplification Assistant for Dyslexic People	Rajshree Srivastava (JSS Noida)*; Vanshika Kapoor (JSS Noida); Shatakshi Tiwari (JSS Noida); Raima Singh (JSS Noida)	rajshree.srivastava27@gmail.com; vanshika49kapoor@gmail.com; tiwarishatakshi05@gmail.com; raimasingh2003@gmail.com	rajshree.srivastava27@gmail.com	Rajshree Srivastava

* corresponding author

Session Chair: Dr. Gagandeep Kaur, Assistant Professor , DCSE, Chitkara University

Dr. Rajshree Srivastava, Assistant Professor, CSE, JSS Academy of Technical education

Dr. Ranvir Singh Panwar, Assistant Professor, School of Technology, Management and Engineering (STME),Chandigarh

Regards:

Organizing Team IICTDS_2025_NMIMS_CHD

International Conference on Computational Techniques in Data Science IICTDS 2025 December 19th-20th , 2025

Session: 5 Room No: D101 (D-Block 1st Floor)

Date: 20.12.2025 Time: 12:00 PM to 1:30 PM

Link: [IICTDS_2025_NMIMS_CHD-SESSION_10 | Meeting-Join | Microsoft Teams](#)

Sr. No.	Paper ID	Paper Title	Author Names	Author Emails	Primary Contact Author Email	Corresponding Author
1	140	Bio-Inspired Optimized Prediction of Invoice Payment Delays in MSMe's	Akash Raghuvanshi (School of Computer Science And Engineering, Galgotias University, Greater Noida,)*; Harsh Upadhyay (School of Computer Science And Engineering, Galgotias University, Greater Noida.); Arpit . (School of Computer Science And Engineering, Galgotias University, Greater Noida.)	akash.raghuvanshi@gmail.com; harshupadhyay323@gmail.com; arpit.22scse1010963@galgotiasuniversity.edu.in	akash.raghuvanshi@gmail.com	Akash Raghuvanshi
2	142	Multimodal Fake Video Detection System Using Generative Vision and Audio Analysis	Pranavjeet Singh Rathore (Student)*; Rahul Chauhan (JUTT Solan); Aman Sharma (JUTT Solan)	pranavjr@gmail.com; rahulchn80@gmail.com; aman.sharma@juitsolan.in	pranavjr@gmail.com	Pranavjeet Singh Rathore
3	146	Automated Insulin Injector and Lifestyle Enhancer	Kakoli Banerjee (JSS Academy of Technical Education Noida); Unnat Agarwal (JSS Academy Of Technical Education)*; Sankalp Saxena (JSS Academy Of Technical Education); Shudhanshu Mishra (JSS Academy Of Technical Education); Vansh Bhatnagar (JSS Academy Of Technical Education)	kakoli.banerjee@jssaten.ac.in; devolopkingbro@gmail.com; sankalpsaxena2004@gmail.com; shudhanshu747mishra@gmail.com; vanshbhatnagar14dev@gmail.com	devolopkingbro@gmail.com	Unnat Agarwal
4	148	Lighthouse: A Decentralized Orchestrator for Lightweight, Localized Container Updates	Puja Thakur (JUTT)*; Madhav Krishan Goswami (JSS Academy Of Technical Education, Noida); Anmol Chand (JSS Academy Of Technical Education, Noida); Ayushi Agrawal (JSS Academy Of Technical Education, Noida); Dushyant khatri khatri (JSS Academy Of Technical Education, Noida)	thakurpuja777@gmail.com; goswamimadhavkrishan@gmail.com; anmolchand1234@gmail.com; ayushiagarwal2711@gmail.com; dushyantkhatri22@gmail.com	thakurpuja777@gmail.com	Puja Thakur
5	151	Machine Learning for Early Breast Cancer Detection using RNA-Sequencing Data	Kashish kushwaha (JSS ACADEMY OF TECHNICAL EDUCATION); Kakoli Banerjee (JSS ACADEMY OF TECHNICAL EDUCATION,NOIDA)*; Priyanshu Agnihotri (JSS ACADEMY OF TECHNICAL EDUCATION,NOIDA); Vansh Bhardwaj (JSS ACADEMY OF TECHNICAL EDUCATION,NOIDA); Ritik Khari (JSS ACADEMY OF TECHNICAL EDUCATION,NOIDA)	kashishkushwaha67@gmail.com; kakolibanerjee80@gmail.com; surajagnihotri907@gmail.com; bvansh351@gmail.com; ritikkhari2004@gmail.com	kakolibanerjee80@gmail.com	Kakoli Banerjee
6	154	A GAN-Augmented Approach for Improved Diabetes Prediction Using Machine Learning Models	Latisha Saxena (Vivekananda Institute of Professional Studies-Technical Campus); Sanjana Pandey (Vivekananda Institute of Professional Studies-Technical Campus); Raghav Malik (Vivekananda Institute of Professional Studies-Technical Campus); Sandhya Tarwani (Vivekananda Institute of Professional Studies-Technical Campus)*	02617711623_ml@vipstc.edu.in; 04717711623_ml@vipstc.edu.in; 05517711623_ml@vipstc.edu.in; sandhya.tarwani@gmail.com	sandhya.tarwani@gmail.com	Sandhya Tarwani
7	160	Comparative Evaluation of Global and Personalised Machine Learning Models for Precision Medicine	Nitesh Jangir (Sobhasaria Group of Institutions)*	er.niteshkumarjangir1990@gmail.com	er.niteshkumarjangir1990@gmail.com	Nitesh Jangir
8	170	Threats and Prevention Using Artificial Intelligence (AI) and Machine Learning (ML)	Hemant Pachauri (Manav rachna International Institute of research and studies)*; Gautam Khatana (Manav Rachna International School of Research and Studies)	a.hemant9002@gmail.com; Gautamkhatana021@gmail.com	a.hemant9002@gmail.com	Hemant Pachauri

* corresponding author

Session Chair: Dr. Purushottam Kumar, Assistant Professor, CSE, Bennett University

Dr. Dibya Ranjan Das Adhikary, Associate Professor, CSE, Siksha â€™Oâ€™â€™ Anusandhan (Deemed to be University), Bhubaneswar, Odisha

Dr. Ajay Kumar, Assistant Professor, School of Technology, Management and Engineering (STME), NMIMS, Chandigarh

Regards:

Organizing Team IICTDS_2025_NMIMS_CHD

International Conference on Computational Techniques in Data Science IICTDS 2025 December 19th-20th , 2025

Session: 6 Room No: D103 (D-Block 1st Floor)

Date: 20.12.2025 Time: 12:00 PM to 1:30 PM

Link: [IICTDS_2025_NMIMS_CHD-SESSION_11 | Meeting-Join | Microsoft Teams](#)

Sr. No.	Paper ID	Paper Title	Author Names	Author Emails	Primary Contact Author Email	Corresponding Author
1	193	LOAN PREDICTION USING MACHINE LEARNING	Nithin P (CMREC)*; Ashish P (CMREC); Sravan Kumar A (CMREC); Deepak K (CMREC)	218r1a66b8@gmail.com; 218r1a66b7@gmail.com; 218r1a6669@gmail.com; 218r1a6697@gmail.com	218r1a66b8@gmail.com	Nithin P
2	194	DEEP IDENTIFICATION OF MICRO-ANEURYSMS FOR THE DETECTION OF DIABETIC RETINOPATHY	Praveen Modi (Jaypee University of Information Technology)*; Harkaran Singh (Melbourne Polytechnic., Heidelberg West, Victoria)	modi.240289@gmail.com; harkaran1978@gmail.com	modi.240289@gmail.com	Praveen Modi
3	196	A Comprehensive, Data-Driven Reassessment of Performance Dynamics in Centralized (OT-Oriented) and Decentralized (CRDT-Centered) Real-Time Collaborative Editing Architectures	Deepika Tyagi (JSS Academy Of Technical Education)*; Yuvraj Singh (JSS ACADEMY OF TECHNICAL EDUCATION NOIDA); Vishal Singh (JSS Academy of Technical Education Noida); Shaaswat Jaishwal (JSS Academy of Technical Education Noida)	deepika.tyagi@jssaten.ac.in; yuvrajsingh1138@gmail.com; 22csaiml037@jssaten.ac.in; 22csaiml040@jssaten.ac.in	deepika.tyagi@jssaten.ac.in	Deepika Tyagi
4	197	Lightweight ShuffleNetV2-Based Deep Learning Framework for Accurate and Interpretable Skin Cancer Classification	Krishna Kumar (School of Computing Science and Engineering Galgotias University, Greater Noida, India)*; Avantika Mishra (Pranveer Singh Institute of Technology, Kanpur, U.P,India); Anushka Singh (Pranveer Singh Institute of Technology, Kanpur, U.P,India); Ananya Srivastava (Pranveer Singh Institute of Technology, Kanpur, U.P,India)	krishnamathsforyou@gmail.com; mavantika674@gmail.com; anushkaasingh0101@gmail.com; ananyasrivastava0304@gmail.com	krishnamathsforyou@gmail.com	Krishna Kumar
5	199	Global Relational Probing in Vision Transformers: Approach to Detect AI Generated Images	Bijendra Tyagi (JSS Academy of Technical Education); Harshvardhan Singh (JSS Academy of Technical Education)*; Anoushka Sinha (JSS Academy of Technical Education); Rohit Pandey (JSS Academy of Technical Education); Khushi Gupta (JSS Academy of Technical Education)	bijendra.tyagi@jssaten.ac.in; 22csaiml062@jssaten.ac.in; 22csaiml117@jssaten.ac.in; rohitpandey73551@gmail.com; 22csaiml033@jssaten.ac.in	22csaiml062@jssaten.ac.in	Harshvardhan Singh
6	204	Lung Cancer Classification from Histology images using Deep Learning	Mohini Chakarverti (Bennett University)*	e21soep0040@bennett.edu.in	e21soep0040@bennett.edu.in	Mohini Chakarverti
7	216	Real-Time Prediction of Indoor Particulate Matter (PM2.5) using IoT Multi-Sensor Data and Neural Networks	Mirza Samiulla Beg (Poornima University, Jaipur)*; Anurag Soni (Poornima University); Sharaz Ulhaq (Poornima University)	msaksuniversity@gmail.com; anurag.soni@poornima.edu.in; sharaz.haq@poornima.edu.in	msaksuniversity@gmail.com	Mirza Samiulla Beg
8	218	Detection of Freshness of Fruits and Vegetables for Food Delivery and Supply Chain Applications Using Deep Learning	Nikita S. Pande (SVKM's NMIMS Hyderabad campus); Prasad Kannawar (SVKM's NMIMS University)*; Venkatesh Mahindra (SVKM's NMIMS University); Ananya Peddamgari (SVKM's NMIMS University); Shiva Ganesh B (SVKM's NMIMS University)	nikita.pande@nmims.edu; prasadkannawar281@gmail.com; venkatesh.m035@nmims.edu.in; ananya.reddy052@nmims.edu.in; brungishiva.ganesh21@nmims.in	prasadkannawar281@gmail.com	Prasad Kannawar

* corresponding author

Session Chair: Dr. ASHIMA, Assistant Professor, CSE, Chitkara University
Dr. Ashish Mogra, Assistant Professor, School of Technology, Management and Engineering (STME), NMIMS, Chandigarh

Dr. Akhil Gupta, Associate Professor, CSE, Symbiosis Institute of Technology, Nagpur

Regards:

Organizing Team
IICTDS_2025_NMIMS_CHD

International Conference on Computational Techniques in Data Science IICTDS 2025 December 19th-20th , 2025

Session: 7 Room No: D104 (D-Block 1st Floor)

Date: 20.12.2025 Time: 12:00 PM to 1:30 PM

Link: [IICTDS_2025_NMIMS_CHD-SESSION_12 | Meeting-Join | Microsoft Teams](#)

Sr. No.	Paper ID	Paper Title	Author Names	Author Emails	Primary Contact Author Email	Corresponding Author
1	219	AI-Powered HR Assistant for Grievance Redressal, Policy Guidance, Onboarding, and Attrition Risk Management	Aditya Trivedi (NMIMS MPSTME)*; Kaiwan Vaghchhipawala (NMIMS MPSTME); Prathamesh Nadkarni (NMIMS MPSTME); Shalini Wadhwa (NMIMS MPSTME)	aditya.trivedi88@nmims.in; kaiwan.vaghchhipawala64@nmims.in; prathamesh.nadkarni89@nmims.in; shalini.wadhwa06@gmail.com	aditya.trivedi88@nmims.in	Aditya Trivedi
2	222	A Systematic Review of Automated Depression Detection using Text, Speech, and Multimodal Data	Wasiha Tasneem (SVKM's Narsee Monjee Institute of Management Studies (NMIMS) Deemed-to-be-University)*; Rahul Koshti (SVKM's Narsee Monjee Institute of Management Studies (NMIMS) Deemed-to-be-University); Soumyajit Seth (SVKM's Narsee Monjee Institute of Management Studies (NMIMS) Deemed-to-be-University); Bhanusree Y (SVKM's Narsee Monjee Institute of Management Studies (NMIMS) Deemed-to-be-University)	wasiha.tasneem037@nmims.in; rahul.koshti@nmims.edu; soumyajit.seth@nmims.edu; Bhanusree.Y@nmims.edu	wasiha.tasneem037@nmims.in	Wasiha Tasneem
3	223	Swin Meets EfficientNet: Lightweight Architectures for GAN-Based Face Forensics	Sejuti Basu (International Institute of Information Technology Bangalore); Ashima Sood (Ulster University); Vijay Kumar (Dr. B R Ambedkar National Institute of Technology Jalandhar); Sahil Sharma (Ulster University)*	basusejuti@gmail.com; sood-a1@ulster.ac.uk; vijaykumarchahar@gmail.com; s.sharma@ulster.ac.uk	s.sharma@ulster.ac.uk	Sahil Sharma
4	228	Leveraging Machine Learning for Deforestation Detection and Sustainable Forest Management	Mohammad Shaazan Muzaffar (Sharda University)*; Utkarsh Singh (Sharda University); Zahabiya Hamied (Sharda University); Bharat Bhushan (Sharda University); Shivam Triwari (Sharda University)	m.shaaazan@gmail.com; Troofiger001@gmail.com; zahabiyahamied@gmail.com; bharat_bhushan1989@yahoo.com; shivam.tiwari.info@gmail.com	m.shaaazan@gmail.com	Mohammad Shaazan Muzaffar
5	229	A Predictive Framework Combining AI and Learning Analytics for Real-Time Monitoring and Early Intervention in Student Outcomes	Ashish Mogra (SVKM'S, NMIMS, STME, Chandigarh); Man Siddh (Jaipur Engineering College and Research Centre)*; Ranveer Singh (Jaipur National University, Jaipur); Pramod Kumar Arya (The ICFAI University, Jaipur); Peeyush Vats (Poornima College of Engineering); Bhasker Shrivastava (Jaipur National University, Jaipur)	ashish.mogra05@gmail.com; manmohansiddh@gmail.com; duduraj@gmail.com; drpramodkarya@gmail.com; peeyushvatsscholar@gmail.com; mechbhasker@gmail.com	manmohansiddh@gmail.com	Man Siddh
6	243	Adversarially Robust Phishing Email Detection via Deep Learning Architectures	Shalini Gambhir (Vivekananda Institute of Professional Studies - Technical Campus)*; Arjun Arjun (Vivekananda Institute of Professional Studies - Technical Campus); kanveer madan (Vivekananda Institute of Professional Studies - Technical Campus)	shalini.gambhir@vips.edu; arjunmehra2005@gmail.com; kanveermadan@gmail.com	shalini.gambhir@vips.edu	Shalini Gambhir
7	244	Gender Demographic Prediction on Twitter: A Comprehensive Review of Machine Learning and Data Analytics Approaches.	Tarun Sharma (Arya college of engineering & IT)*; Dr.VISHAL SHRIVASTAVA (ARYA COLLEGE OF ENGINEERING & I.T. (Arya 1st Old Campus, Estd. Year 2000))	2satarun@gmail.com; vishalshrivastava.cs@aryacollege.in	2satarun@gmail.com	Tarun Sharma
8	245	Transformation of Image Fusion Technologies with Generative AI: Architectures, Metrics, and Clinical Impact	Aakash . (Guru Jambheshwar University of Science and Technology)*; Narender Kumar (Guru Jambheshwar University of Science and Technology)	aakashgoyal2805@gmail.com; narenderster@giust.org	aakashgoyal2805@gmail.com	Aakash

* corresponding author

Session Chair: Dr. Sunil Datt Sharma, Associate Professor, ECE, Central University of Jammu

Dr. Vishwas Rathi, Assistant Professor, Computer Engineering, NIT Kurukshetra

Dr. Ranvir Singh Panwar, Assistant Professor, School of Technology, Management and Engineering (STME), Chandigarh

Regards:

Organizing Team
IICTDS_2025_NMIMS_CHD

International Conference on Computational Techniques in Data Science ICTDS 2025 December 19th-20th , 2025

Session: 8 Room No: D106 (D-Block 1st Floor)

Date: 20.12.2025 Time: 12:00 PM to 1:30 PM

Link: [ICTDS_2025_NMIMS_CHD-SESSION_13 | Meeting-Join | Microsoft Teams](#)

Sr. No.	Paper ID	Paper Title	Author Names	Author Emails	Primary Contact Author Email	Corresponding Author
1	252	Automated Detection and Classification of Multiple Diseases Using Deep Neural Networks	Ratna Singh (Amity University Noida)*	riyasingh21022003@gmail.com	riyasingh21022003@gmail.com	Ratna Singh
2	262	Stacked Ensemble Learning for Early Heart Disease Prediction Using PCA-LDA and SMOTE	Santosh Kumar (Siksha 'O' Anusandhan University)*; Bharat Bhushan (Sharada University, Greater Noida); Debabrata Singh (Siksha 'O' Anusandhan University); Narendra Kumar (Amity University, Ranchi, Jharkhand)	santoshkumar@soa.ac.in; bharat_bhushan1989@yahoo.com; debabratasingh@soa.ac.in; narendra298@gmail.com	santoshkumar@soa.ac.in	Wasiha Tasneem
3	267	CrowdNetFusion: A Dual Deep Learning Framework for Real-Time Crowd Density Estimation and Anomaly Detection	Shalini Gambhir (Vivekananda Institute of Professional Studies - Technical Campus)*; Khushboo Khattar (Vivekananda Institute of Professional Studies - Technical Campus); Gaurisha Malhotra (Vivekananda Institute of Professional Studies - Technical Campus); Peehu Gahlot (Vivekananda Institute of Professional Studies - Technical Campus)	shalini.gambhir@vips.edu; 07617711623ml@vipstc.edu.in; 35217711623ml@vipstc.edu.in; 06517711623ml@vipstc.edu.in	shalini.gambhir@vips.edu	Shalini Gambhir
4	268	Real Estate management Using Blockchain: A Comprehensive Review	Devansh Jha (sharda university)*; Purushottam kumar (sharda university); Dr. Bharat Bhushan (sharda university)	devanshjha6343@gmail.com; pk1713349@gmail.com; bharat.bhushan@ug.sharda.ac.in	devanshjha6343@gmail.com	Devansh Jha
5	274	Process Ethics in Large Language Models: A Systematic Review of Hallucination Mechanisms, Detection, and Mitigation Strategies	Yash Tripathi (Jaypee University of Information Technology)*; Vijayent Kohli (Ford Motor Company); Aman Sharma (Jaypee University of Information Technology); Rajni Mohana (Amity School of Engineering and Technology)	tripathiyash1004@gmail.com; vijayentk.bits@gmail.com; amans.3008@gmail.com; rajnivimalpaul@gmail.com	tripathiyash1004@gmail.com	Man Siddh
6	276	A Fuzzy MCDM Framework Using AHP-COPRAS to Prioritize Design Criteria and Performance Challenges in Retinal Image Classification	Harish Gavel (NIT Jamshedpur)*; Chandrashekhhar Azad (National Institute of Technology Jamshedpur)	harishgavel@gmail.com; csazad.cse@nitjsr.ac.in	harishgavel@gmail.com	Chandrashekhhar Azad
7	298	Clustering for Adaptive Cybersecurity in Smart Infrastructure	Sonu Devi (Guru Jambheshwar University of Science and Technology Hisar)*	pooniasonu066@gmail.com	pooniasonu066@gmail.com	Sonu Devi
8	321	Enhancing Stock Market Forecasting Accuracy Using Artificial Bee Colony-Optimized LSTM	Vishal Sharma	vishal.sharma@ddn.upes.ac.in	vishal.sharma@ddn.upes.ac.in	Vishal Sharma

* corresponding author

Session Chair: Dr. Dilip Kumar Choubey, Assistant Professor, CSE, Indian Institute of Information Technology Bhagalpur, Bihar, India
Dr. Bharat Bhushan, Associate Professor, CSE, Sharda University, Greater Noida, India

Dr. Preetjot Kaur, Assistant Professor, School of Technology, Management and Engineering (STME), NMIMS, Chandigarh

Regards:

Organizing Team
ICTDS_2025_NMIMS_CHD



CHANDIGARH

International Conference on Computational Techniques in Data Science ICTDS 2025
December 19th-20th , 2025

Session: 9 Room No: D201 (D-Block 1st Floor)

Date: 20.12.2025 Time: 12:00 PM to 1:30 PM

Link: [ICTDS_2025_NMIMS_CHD-SESSION_14 | Meeting-Join | Microsoft Teams](#)

Sr. No.	Paper ID	Paper Title	Author Names	Author Emails	Primary Contact Author Email	Corresponding Author
214	Federated Learning: A Comprehensive Review of Algorithms, Optimization Frameworks, and Real-World Applications	Pranjal Sharma (Himachal Pradesh Technical University)*; Anamika Rangra (Himachal Pradesh Technical University)	pranjal202522@gmail.com; rangra.anamika@gmail.com	pranjal202522@gmail.com	Pranjal Sharma	Ratna Singh
217	Toward Trustworthy AI: A Comprehensive Survey of XAI Methods, Software Toolkits, and Evaluation Standards	Simran (Himachal Pradesh Technical University)*; Anamika Rangra (Himachal Pradesh Technical University)	simranjariyal71@gmail.com; rangra.anamika@gmail.com	simranjariyal71@gmail.com	Simran	Wasiha Tasneem
15	Emotion sentiment analysis from text and image using machine learning models	Kanishk Pathania (Himachal Pradesh Technical University, Hamirpur)*; Divya Rani (Himachal Pradesh Technical University, Hamirpur); Akshi Pathania (Himachal Pradesh Technical University, Hamirpur); Akanksha Puri (National Institute of Technology, Hamirpur); Anamika Rangra (Himachal Pradesh Technical University, Hamirpur)	kanishkpathania5@gmail.com; Divyakanungo00@gmail.com; akshipathania001@gmail.com; akankshapuri1994@gmail.com; Rangra.anamika@gmail.com	kanishkpathania5@gmail.com	Kanishk Pathania	Shalini Gambhir
40	Integrating Topographic, Hydrological, and Geological Parameters for Landslide Prediction: A Machine Learning Approach in Himachal Pradesh	Simran --- (Himachal Pradesh Technical University); Pranjal Sharma (Himachal Pradesh Technical University)*; Anamika Rangra (Himachal Pradesh Technical University); Akanksha Puri (National Institute of Technology, Hamirpur)	simranjariyal71@gmail.com; pranjal202522@gmail.com; rangra.anamika@gmail.com; akankshapuri1994@gmail.com	pranjal202522@gmail.com	Pranjal Sharma	Devansh Jha

* corresponding author

Session Chair:

Dr. Priti Gupta, Professor, CSE, Chandigarh University

Dr. Sahil Sharma, Post-Doctoral Research Associate, School of Computing, Engineering and Intelligent Systems, Ulster University

Dr. Aditya Bakshi, Assistant Professor, School of Technology, Management and Engineering (STME), Chandigarh

Regards:

Organizing Team ICTDS_2025_NMIMS_CHD