

6th International Conference
Data Science & Big Data Analytics (IDBA)
3rd – 4th July 2026
Program Schedule

Time	Programme	
Day 1: July 3, 2026 (Friday) Venue – Seminar Hall 2 (Engineering) Online Meeting Link: https://teams.microsoft.com/meet/49882175409948?p=YNq191zIKmP2k5cZtS Meeting ID: 498 821 754 099 48 Passcode: i2kr3gU6		
09:00 AM – 9:30 AM	Registration	
9.30 AM – 10:15 AM	Inauguration	
9.30 AM – 9.32 AM	Opening Remark by Master of Ceremony Dr Neha Gupta Organizing Chair IDBA	2 min
9.32 AM – 9.35 AM	Lighting of Lamp	3 min
9.35 AM – 9.39 AM	Flower welcome of Dignitaries	4 min
9.39 AM – 9.41 AM	Presided over by Dr Swati Mujumdar Pro Chancellor SUAS, Indore	2 min
9.41 AM – 9.43 AM	Welcome Address & Conference Briefing by Dr Durgesh Mishra Conference Chair	2 min
9.43 AM – 9.47 AM	Address by Dr. Dharam Singh UNESCO Chairholder SHPC & Professor CSE NUST (online) (Guest of Honour)	4 min
9.47 AM – 9.52 AM	Address by Prof. Stephen Fashoto, Associate Professor, Data Science, NUST (online)(Guest of Honour)	5 min
9.52 AM – 9.57 AM	Address by Dr Niranjana Day, Editor with Springer Nature series UK (Guest of Honour)	5 min
9.57 AM – 10.03 AM	Address by Dr Savita Kolhe Principal Scientist ICAR Indore	5 min
10.03 AM – 10.08 AM	Address by Mr. Pranay Gupta, Founder, iSOFT ZONE, Indore(Guest of Honour)	5 min
10.08 AM – 10.13 AM	Memento Distribution	10 min
10.13 AM – 10.15 AM	Vote of Thanks by Dr Vaishali Joshi, Technical Chair IDBA	3 min
10:45 am – 11.30 am	Tea Break	
11:30 am – 01:20 pm	Keynote Talk	
11.30 AM – 12.10 PM	Keynote Talk – 1. Dr Ravi Nagveker, Sr AI Solution Architect and engineer at Microsoft, New Yark, USA (online)	40 min
12.10 PM – 12.50 PM	Keynote Talk - 2 Address by Dr Niranjana Day, Editor with Springer Nature series UK (offline)	40 min
01:00 pm – 02:00 pm	Lunch	
02:00 pm – 05:00 pm	Technical Session – Paper presentations (Four Parallel Tracks)	

6th International Conference
Data Science & Big Data Analytics (IDBA)
3rd – 4th July 2026
Program Schedule

Time	Programme	
Day 2: July 4, 2026 (Saturday) Venue – Seminar Hall 2 (Engineering Block) Venue – Seminar Hall 2 (Engineering) Online Meeting Link: https://teams.microsoft.com/meet/49882175409948?p=YNq191zIKmP2k5cZtS Meeting ID: 498 821 754 099 48 Passcode: i2kr3gU6		
10:00 am – 10:30 am	Keynote Talk	
	Keynote Talk – 3 by Mr. Nagaraj Ethirajulu, Senior Leader @ CDW Doctorate Researcher in Generative AI, Bengaluru (online)	30 min
10:30 am – 12:30 pm	Technical Sessions - Paper presentations	
12.30 pm – 1.00 pm	Valedictory Session	
	Welcome of Online guests by Dr. Neha Gupta, Organizing Chair IDBA	3 min
	Summary Report by Dr Vaishali Joshi Technical Chair IDBA	10 min
	Feedback from authors (Online)	05 min
	Vote of by Dr Sourabh Sharma	2 min

6th International Conference
Data Science & Big Data Analytics (IDBA)
3rd – 4th July 2026

Presentation Schedule

Technical Session-1 (Day-1)

Date – 3rd July 2026

Time- 02:00 – 05:00 pm

Mode of Presentation (Hybrid)

Seminar Hall – 2, Engineering block

Session Chain: **Dr Savita Kolhe**, Principal Scientist ICAR Indore r

Internal Session Chair: **Dr Ankita Jain** (7999167249)

Online Presentation Link: <https://teams.microsoft.com/meet/41416725708868?p=stsrcUgTRX4ospW0og>

Meeting ID: 414 167 257 088 68

Passcode: wj9NH7Uj

S. No.	Paper ID	Paper Title
1.	49	Blockchain-Enabled Intelligent Healthcare Notification System <i>Bipin Kumar Rai</i>
2.	150	Universal Dependencies in Transformer-based Supervised Neural Machine Translation for Endangered KANGARI Language <i>shweta chauhan , Shefali saxena , Shweta Shweta Jain</i>
3.	154	Analyzing Potential Artificial Intelligence Generated Content (AIGC) Users for Promotional Videos in The FnB Field <i>OWEN OWEN , Mulyani Karmagatri</i>
4.	157	AI and Sustainability: Evaluating the Ecological Impacts of Artificial Intelligence and Strategies for Green AI <i>Jessica Sanjaya , Mulyani Karmagatri</i>
5.	159	AI-Driven Ingredient Analysis and Allergen Detection from Product Images <i>Sheetal Phatangare, Venugopal Baheti, Akshat Gupta, Anvi Kekane, Sejal Band</i>
6.	160	AgroAssist: A Multilingual Voice-Enabled Agricultural Advisory System with RAG-Based Conversational AI and Computer Vision <i>Prof.Supriya Mandhare , Sanket Botre , Chaitanya Kulkarni , Krishna Bhutada , Pravin Bolshette , Neha Bondarde</i>
7.	258	Identifying Key Factors Affecting Personal Confidence in Women Entrepreneurs <i>Gichelle Larissa , Mulyani Karmagatri</i>
8.	299	AI-Driven Optimization in Power and Renewable Energy System <i>KANTA PRASAD SHARMA</i>
9.	312	A Length-Adaptive Multi-Transformer Framework for Context-Aware Abstractive Text Summarization

		<i>Rama Krishna Saleendra , Venkata Kasinath Peesapati , S.Venkateswarra Rao , K.V.Narasimha Reddy</i>
10.	330	Quantum Seeded Dynamic JWT Authentication Framework <i>Affan Mansuri , Rahul Borate , Rupali Parte , Omkar Koli , Suyash Awari</i>
11.	363	Node Behavior Analysis in MANET Using Isolation Forest Unsupervised Machine Learning Approach <i>DR PRAVEEN GUPTA , DR RICHA GUPTA</i>
12.	378	Forecasting and Identifying Stock Market Patterns in Eswatini using Machine Learning: A Comparative Analysis <i>Stephen Fashoto , Elliot Mbunge , Hlobile Shongwe , Clopas Kwenda , Boluwaji Akinnuwesi , Marcellin Atemkeng , Israel Elujide , Dharm Singh</i>
13.	380	How Digital Marketing Influences Purchase Intention: A Study of Scarlett Cosmetics Consumers <i>Dian Kurnianingrum</i>
14.	382	Identifying the Genuineness of User Profiles on Social Media Platforms Using Deep Learning Models <i>Dimple Sukhija</i>
15.	384	Boundary-Aware Multi-Scale State-Space Networks with Adaptive Feature Calibration for Medical Image Segmentation <i>Saqib Qamar</i>
16.	388	Leveraging Distributed Ledger Technology for Transparent and Secure Loan Management: An R3 Corda Approach <i>Annapurna P Patil , Ranjit Sankarasubramanian , Surya Prakash Yelaka , Shravan Shetty , Shamanth K R , Sayed Shaikh , Pradeep Y</i>
17.	389	Design and Implementation of a Secure Decentralized Student Portfolio Management System <i>Aadya Shrivastava , Greasha Jain , Vedant Balpande , Amrutha Shivangi , Annapurna P Patil</i>
18.	394	AI-MEDIATED BRAND DISCOVERY AND ITS INFLUENCE ON CONSUMER-BASED BRAND EQUITY: EVIDENCE FROM AI SEARCH ECOSYSTEMS IN INDIA <i>Rajkumar Kankariya , Khushali Oza , Harshal Salunkhe , Anil Dongre , Deepti Taori , Sneha Vadavi</i>

Technical Session-2 (Day-1)

Date – 3rd July 2026

Time- 02:00 – 05:00 pm

Mode of Presentation (Hybrid)

Class Room-Lab A, First Floor, Engineering Block

Session Chair: **Mr. Prashant Richhariya**, Co-Founder & Director – Technology, Cloud Pivot Technologies

Internal Session Chair: **Prof. Lokesh Sahu** (9537947991)

Online Presentation Link: <https://teams.microsoft.com/meet/43378739224697?p=tClCmkulpcOgZTT7hb>

Meeting ID: 433 787 392 246 97

Passcode: LL9Lp9Be

S. No.	Paper ID	Paper Title
1.	407	Optimizing Urban Traffic Using Multi-Agent Reinforcement Learning <i>Aditya Ganesh S ; Bindu Bhargavi S M ; Annapurna P Patil ; Bharath NJ ; Adithya NA</i>
2.	425	Social Media Analytics and Online Purchase Intention: Empirical Evidence from Generation Z

		<i>Dian Kurnianingrum</i>
3.	432	Study On Edge Computing For Managing High Volume Data <i>RAVI VERMA ; Rishika Sinha ; soumya Sinha ; Shirsath Aarya ; Pulkit Agrawa ; Harshit Kumar Modi</i>
4.	460	Explaining WhatsApp Lead Generation from Meta Ads Campaigns Using Interpretable Machine Learning <i>Ricki Rifanto ; Restu Sheno Permadhi ; Mulyani Karmagatri ; Ahmad Syamil</i>
5.	461	Understanding Consumer Conversation on TikTok: Topic Modeling Analysis of Skincare Product Engagement <i>Marcella Arvyani ; Mulyani Karmagatri</i>
6.	463	AI-Powered Career Recommendation System <i>KANTA PRASAD SHARMA ; Antarika Das</i>
7.	480	SWARM-HPC: A Decentralized Task Decomposition Framework for High-Performance Computing on Low-Power SBC Clusters <i>Raju Gurav, Dr. Vishnu Suryawanshi, Dr. Sachin Arun Thanekar, Revati Raspayle , Prof. Dr. Suvarna Pawar</i>
8.	481	AI-Powered Real-Time Exam Monitoring System: A Multi-Modal Computer Vision Approach for Scalable Academic Integrity Enforcement <i>Kirti Wanjale</i>
9.	490	Machine Learning based Security Scheme against DoS Attack Detection and Prevention in 7G-Vehicular Ad-Hoc Networks <i>Gaurav Soni, Arun Singh Kaurav, Sadhana Parashar, Devshree Anvekar</i>
10.	499	A Novel ConvLSTM-GNN Hybrid Framework for Enhanced Lassa Fever Outbreak Prediction in Ebonyi State, Nigeria: Deep Learning Approach Using Multi-Modal Environmental and Rodent Activity Data <i>EZEKIEL NWIBO, Vincent Onyebuchi Edigbo, Stephen Ikporo, Johnson Ogbonnaya, Philip Christopher Nwangbo, Helen Chiamaka Nwegede</i>
11.	563	Predicting Pathogenic Genetic Variants through Machine Learning and Protein Structure Analysis
12.	516	A Novel Approach to Validating Agentless EDR in High-Fidelity Cyber Ranges <i>Vignesh Rachapudi, Swayam RP, Ateendra Girish, Aparna U</i>
13.	531	Integrating Artificial Intelligence and Predictive Analytics for Enhancing Efficiency in Horticultural Supply Chains: A PLS-SEM Approach <i>Vikas Kumar, Riya Sharma, Rajender Jamwal</i>
14.	534	A Comparative Study of Graph-Based and Retrieval-Augmented Question Answering <i>Thulasi Bikku</i>
15.	535	A Hybrid Deep Learning and Retrieval-Augmented System for Plant Disease Diagnosis <i>Thulasi Bikku</i>
16.	536	Attention-Guided Explainable Spatiotemporal Human Activity Recognition with Multimodal LLM Justification <i>Thulasi Bikku</i>
17.	538	RF-DETR: A Transformer-Based Framework for IoT-Enabled Emergency Vehicle Prioritization and Adaptive Traffic Signal Control <i>Thulasi Bikku</i>
18.	540	Evaluating Deep Learning Techniques for Detecting Vulnerabilities in Cross-chain Bridge Smart Contracts <i>Deepa Mishra, Shraddha Phansalkar</i>

Technical Session-3 (Day-1)

Date – 3rd July 2026

Time- 02:00 – 05:00 pm

Mode of Presentation (Hybrid)

Class Room- Lab B, First Floor, Engineering Block

Session Chair: **Prof. (Dr.) Praveen Krishna** and **Ms. Nidhi Tiwari**

Internal Session Chair: Dr. Shyam Maheshwari (9074786441)

Online Presentation Link: <https://teams.microsoft.com/meet/42330708739379?p=PEyRBwY2cksjjo5FGV>

Meeting ID: 423 307 087 393 79

Passcode: JW7zx9UT

S. No.	Paper ID	Paper Title
1.	541	MAREX-Privacy: Real-Time Two-Stage Detection of Covert Surveillance Devices with Calibrated Uncertainty and Quantitative Explainability <i>Thulasi Bikku</i>
2.	542	Statistical Analysis of Childcare Provision and Workforce Trends in England, 2018-2024 <i>FRIDAY NWEKORI *; Ignatius Ogbaga ; Ezekiel Nwibo ; Godstime Nwujiokah ; Isaiah Nweze ; Kenneth Nwangbo</i>
3.	548	Adaptive Perception Driven Image Encryption Using Enhanced Elliptic Curve Cryptography and Chaotic Diffusion <i>Dr Sateesh Gorikapudi *; Dr M Siva Nagaraju ; Dr G Murali ; Pusuluri Sailaja</i>
4.	562	AI-Assisted Software Testing: A Unified Intelligent Framework with Experimental Validation <i>Revati Raspayle</i>
5.	582	A Centralized Academic Access Portal for Efficient, Secure and Scalable Academic Process Management <i>Shubhra Mathur ; krishna das ; Aryan Mudvikar ; shreya badge ; sonakshi mane</i>
6.	610	BLOCKCHAIN BASED BLUE CARBON REGISTRY AND MRV SYSTEM <i>Bipin Kumar Rai</i>
7.	611	PAAMDDS: Predictive AI-Driven Aero-Medical Drone Delivery System for optimized Emergency Dispatch and Deep Learning-Based Target Tracking <i>Rajashree Ingale *; Asha S Manek ; Kashvi Ramesh Babu ; Punya Shree R</i>
8.	615	Air Quality Barriers in NCR: Trend Analysis and 2030 Projections <i>KANTA PRASAD SHARMA *; Girish Paliwal ; Vibhoo Sharma ; Ritika SHARMA</i>
9.	618	An Empirical Evaluation of Machine Translation Techniques for Sanskrit–English Translation <i>Vrushali Kondhalkar</i>
10.	646	Dual-Lane Traffic Analytics and Border Surveillance Using Fine-Tuned YOLOv8: A Real-Time Metadata-Driven Approach <i>Vandana Kate *; Chanchal Bansal ; Suryakant Chaturvedi ; Vaibhav Sharma</i>
11.	650	Reducing Hallucinated Legal Citations in LLM Responses for Indian Law: A Citation-Aware Knowledge Graph Verification Approach <i>Meher Soni *; Piyush Gupta</i>
12.	658	Explainable Drug Adoption Forecasting using Knowledge Graphs <i>somya upadhyay *; MEHER soni ; Piyush gupta ; Santosh Kumar Sharma</i>

13.	671	Explainable Vision-Based Gait Analysis for Remote Screening of Ataxia Using Pose Guided Machine Learning <i>Rashmi Choudhary</i>
14.	691	AI-Driven Panic Detection and Emergency Response Framework Using Physiological Signal Analytics, Hybrid Deep Learning Models, Knowledge <i>Aryan Gaur ; Yashowardhan Waghela; Sarbajit Ghosh; Snehanshu Shekhar; Piyush Gupta</i>
15.	692	A Knowledge Graph-Driven Machine Learning Framework for Predictive Market Intelligence and Economic Decision Analytics <i>Aryan Gaur; Yashowardhan Waghela; Sagar Agarwal; Tathagata Sen; Piyush Gupta</i>
16.	694	Consilium: A Role-Based, Secure Digital Ecosystem for Managing High-Integrity Academic Conference Assessments <i>Aniruddha Sharma ; Krishna Khibadodiya ; Aniruddh Chaturvedi ; Vandana Kate *; Chanchal Bansal ; Shruti Lashkari</i>
17.	730	Adaptive Malicious Detection and Prevention Strategies in FANET for Secure Communication (AMDP) <i>Veerendra Ahirwar *; Arjun Rajput</i>
18.	739	AI-Driven System for Soil Type and Plant Species Identification Using Image Analysis <i>Shekhar Nigam ; Gaurav Saxena ; Neelesh Jain ; Manish Kumar Singhal ; RAVI VERMA</i>

Technical Session-4 (Day-1)

Date – 3rd July 2026

Time- 02:00 – 05:00 pm

Mode of Presentation (Hybrid)

Class Room- Lab C, First Floor, Engineering Block

Session Chair: **Dr. Bharti Motwani**, University of Maryland, USA

Internal Session Chair: Dr. Kush Bhushanwar (9893630136)

Online Presentation Link: <https://teams.microsoft.com/meet/49678038711820?p=sedLi2sTFngbDVjvqI>

Meeting ID: 496 780 387 118 20

Passcode: FV3Ki7uA

S. No.	Paper ID	Paper Title
1.	745	AI-Powered Investment Strategy Generator <i>RAVI VERMA *; Aryan Tiwari ; Pranav Pradeep Abhyankar ; Kriti Porwal ; Sarba Banerjee ; Aditya M Doshi</i>
2.	756	Citizen-Link: A Deterministic Accountability Framework for Last-Mile Governance in Digital Grievance Systems <i>Gaurav Soni *; mohit nagar ; Parth manoj padmawar ; Shivendra Pandey ; kamlesh chandravanshi</i>
3.	776	Agentic Art Direction: A Survey of AI-Assisted, Multi-Agent Technical-Art Workflows for 3D Game Engines <i>Harsh Kalkar *; Kshitij Aucharmal</i>
4.	833	Hypergraph-Based Interference-Aware Resource Allocation (HIARA) for D2D Communication in IIoT Networks <i>Arun Sharma *; Sonal Chawla</i>
5.	846	Design and Development of a Web-Based GST Compliance Assistant for Small Businesses <i>Shubham Shinde *; Aarti Pimpalkar ; Valerie George ; Rohit Sharma ; Heyaa Nawale</i>

6.	857	Deep Learning Ensemble Approach with Advanced Data Resampling Techniques for Accurate Credit Card Fraud Detection <i>PREETI NAIR ; Sandeep Das</i>
7.	858	An Approach for Optimizing System Library Tracking Through IoT-Driven Privacy Mechanisms <i>Shailendra Dubey ; Anubhav Sharma</i>
8.	859	Big Data–Driven Intelligent Cybersecurity Systems Using Machine Learning <i>Theophilus Irianan ; Rajit Nair</i>
9.	860	Cybersecurity Challenges in AI-Driven Financial Systems: A Big Data Perspective <i>Deep Barot ; Theophilus Irianan ; Venkateswaran Radhakrishnan ; Zeeshan Baber , Karachi, Sindh, Pakistan); Rajit Nair</i>
10.	861	A Hybrid Deep Learning and Graph Neural Network Framework for Multi-Stage Attack Detection in Distributed Cloud Systems <i>Sandeep Bharadwaj Mannapur</i>
11.	862	Unsupervised Anomaly Detection for Operational Efficiency in U.S. Electronic Waste Processing Systems <i>Md saifur Rahman</i>
12.	864	Bridging the Climate Finance Gap in the Construction Sector: A Tailored Green Finance Framework for Sustainable Buildings <i>Sailesh Patnaik</i>
13.	867	An Agentic AI–Driven Framework for Personalized Learning in the U.S. Education System <i>Dr. Ravi Nagvekar *; Riva Nagvekar</i>
14.	870	A Structural Digital Learning Model for Indian Secondary Education Integrating Digital Competency and Pedagogical Innovation <i>SANJAY SHARMA</i>
15.	871	A Cloud-Native AI Architecture for Scalable Tax and Procurement Automation <i>Anilreddy Bhimavarapu *; Bhawna Nigam</i>
16.	875	Evaluation of Safe Load Limits and Minimum Breaking Load of Offshore Equipment in the Context of Climate Change and Evolving Environmental Conditions <i>Christian Estay</i>
17.	876	Artificial Intelligence in Climate-Smart Agroforestry Design for Livelihood Resilience in Nigeria: Implications for Policy and Implementation <i>Bassey Archibong *; Dr. T.S. Uma Rani ; Dr. Rekha Shewakramani ; Dr. Neyha Malik</i>
18.	877	KnowYourStar: Applying Nutrient Profiling Algorithms and Predictive Analytics to Enhance Health Star Rating Transparency for FMCG Consumers in Australia <i>Mohammed Shahpurwala</i>

Technical Session-5 (Day-2)

Date – 4th July 2026

Time- 10:30 am – 12:30 pm

Mode of Presentation (Hybrid)

Class Room-Seminar Hall-2, Engineering Block

Session Chair: **Prof.(Dr.) Kanta Prasad Sharma**, Amity University, Noida

Internal Session Chair: Dr Vaishali Joshi (9968119223)

Online Presentation Link: <https://teams.microsoft.com/join/41177769690312?p=Nw0hYaW35z5Lth7k7l>

Meeting ID: 411 777 696 903 12

Passcode: fN2BL7xE

S. No.	Paper ID	Paper Title
1.	878	Big Data Analytics of Venture Capital Dynamics in Fragile Economies: Econometric Evidence from Pakistan <i>Muhammad Afzal</i>
2.	880	Self-Evolving Agentic AI Architectures for Autonomous Digital Marketing Systems Using Generative Feed-back Loops Hastimal Jangid *; Harsh Jangid ; Arvind Kumar
3.	881	Quantum-Inspired Deep Physiological Modeling for Per-sonalized Sports Injury Recovery and Human Perfor-mance Optimization <i>Maeen Al-Shameri *; Maan Abdulkareem Jasim ; Waleed Ghanim Thanoon ; Motasim Mahmoud Shatanawi</i>
4.	882	AI-Enabled Sports Biomechanics and Bio-Synchronized Muscle Recovery Analytics for Intelligent Rehabilitation Ecosystems <i>Omar Younis *; Mohammed Abdul Ghani Sultan Elias ; Waleed Ghanim Thanoon ; Nawfel Fathel Rasheed</i>
5.	883	Artificial Intelligence in Ecocriticism and Climate Hu-manities: A Critical Study of Environmental Justice, In-digenous Ecologies, and Climate Dystopias <i>shalini infanta *; Ashwin Kumar. k</i>
6.	884	Linguistic changes in English communication in the age of Artificial Intelligence <i>Shiva Mili *; Mridul Bordoloi ; Protim Sharma ; Meena Sharma</i>
7.	885	Role of Technology in Enhancing English Language Ac-quisition among ESL Learners <i>Shiva Mili *; Mridul Bordoloi ; Priyanka Kakoti ; Vineeta Dowerah ; Meena Sharma ; Arup Sarma</i>
8.	886	Constructing Patient Experience Through Language: A Corpus-Assisted Pragmatic Analysis of Speech Acts, Politeness, and Evaluative Stance in English Online Reviews <i>Amit Sharma ; Talal Farhan Alruwali</i>