

**2026 Sixth International Conference on
Advances in Electrical, Computing, Communications and
Sustainable Technologies (ICAECT 2026)**

08-09, January 2026 | Bhilai, Chhattisgarh, India

Program Schedule

Date	Time	Event
08.01.2026	10.45am to 11.40am	Inaugural Function
	11.45 am to 12.20pm	Keynote 1_Ir. Ts. Dr. Wooi Chin Leong <i>Universiti Teknologi Malaysia, Johor, Malaysia.</i>
	02.20 pm to 04.30pm	Session 01: AECT_PHY01(OFFLINE)
		Session 02: CS01(Online)
		Session 03:CS02(Online)
		Session 04: CS03(Online)
		Session 05: CS04(Online)
		Session 06:CS05(Online)
		Session 07: CS06(Online)
		Session 08: CS07(Online)
		Session 09: CS08(Online)
		Session 10: EC01(Online)
		Session 11: EE01(Online)
09.01.2026	10.30 am to 12.40pm	Session 12: CS09(Online)
		Session 13: CS10(Online)
		Session 14: CS11(Online)
		Session 15: CS12(Online)
		Session 16: CS13(Online)
		Session 17: CS14(Online)
		Session 18: CS15(Online)
		Session 19: CS16(Online)
		Session 20: EC02(Online)

Session Name Tracks

CS - Computer Science & Engineering
EC - Electronics & Communication Engineering
EE – Electrical Engineering

Note:

1. Start time given above indicates Indian Standard Time (IST).
2. Presentation will be conducted using Google Meet platform.
3. Participants can join their respective sessions by clicking the meet link given or using passcode
4. Mode of presentation should be powerpoint presentation(ppt or pptx)
5. Duration of presentation: 10 minutes (presentation) + 2 minutes(Queries)
6. Participant SHOULD join the session at least 30 minutes prior to their scheduled time.
7. Participants are requested to follow the scheduled time; especially regarding the time for your talk.
8. Participants are requested to contact the respective session coordinators for presentation related queries.

Session 01: AECT_PHY01 (OFFLINE)

Date: 08.01.2026

Time: 02.20pm to 04.30 pm

Session Chair: Dr. Ajay Verma

Session Co-ordinator: Mr.Rahul Pandey

Venue:Auditorium

Time	Paper ID	Paper Title	Author Name(s)
02.20 pm	26CHCS 1083	A Machine Intelligence Stacking Classifier for Multi-Class Intrusion Detection for Host System	Manoj Kumar Singh, Jyotiprakash Patra, Siddharth Choubey
02.32 pm	26CHEE 1098	Long-Term Degradation Modeling of Lithium-Ion Batteries Using Advanced Temporal Deep Learning Methods	Niharika Madharia, Shimpy Ralhan, Mahesh Singh, Mukesh K. Chandrakar, Mousam Sharma
02.44 pm	26CHEE 1002	Influence of Fin Aspect Ratio on Linearity Performance of JL-FinFET Device for Low Power Analog Operation	Sanu Gayen, Suchismita Tewari, Avik Chattopadhyay
02.56 pm	26CHEE 1089	A Unified Deep Learning Approach for Accurate Estimation of Power System Stabilizer Parameters in SMIB Networks	Shashank Kumar, Mangal Singh
03.08 pm	26CHEE 1090	MLP-Based Intelligent Control Signal Estimation for Buck-Boost DC-DC Converters Using SHAP Analysis	Vishnu Kumar Sahu, Mahesh Singh, Shruti Tiwari, Shimpy Ralhan
03.20 pm	26CHEE 1094	Distributed Secondary Control for Voltage Regulation in Microgrids using an Event-triggered Communication Mechanism	B. Chiranjeev Rao, Shimpy Ralhan, Mahesh Singh, Vishnu Kumar Sahu
03.32 pm	26CHEE 1095	Deep Learning Driven Hybrid LSTM-Transformer Approach for Reliable Stability Prediction in Modern Microgrids	Veenita Swarnkar, Shimpy Ralhan, Mahesh Singh
03.44 pm	26CHEE 1096	Analysis of Convolutional Network Depth for Multi-Output Relay Setting Prediction in Renewable-Rich Power Systems	Simardeep Kaur, Shimpy Ralhan, Mahesh Singh
03.56 pm	26CHEC1139	Explainable Machine Learning Models for Bronchiectasis Risk Prediction and Patient Phenotyping	Deepali Shukla, Shimpy Ralhan
04.20 pm	26CHCS 5055	An Enhanced Coverage Algorithm using Meta-heuristic Method for 3D Topology in UASN (Underwater Acoustic Sensor Network)	Archana Senapati, Abhishek Kumar Dewangan, Mahesh Singh
04.32 pm	26CHEE 1099	Mitigating Power Fluctuations in Energy Storage Systems Using ANN Controller & Optimization Technique	Rashmi Mishra, Shimpy Ralhan, Md. Khaja Mohiddin

Session 02: CS01 (ONLINE)

Date: 08.01.2026

Time: 02.20pm to 04.30 pm

Session Co-ordinator: Ms. Nidhi Chandrakar, Shri Shankaracharya Technical Campus, Bhilai

Session Chair(s):

1. Dr. Abha Choubey, Shri Shankaracharya Technical Campus, Bhilai
2. Dr. Dipti Chauhan, Prestige Institute of Engineering Management & Research, Indore

Google meet link: <https://meet.google.com/kxr-exbj-wdj>

Time	Paper ID	Paper Title	Author Name(s)
02.20 pm	26CHCS 1006	Enhanced Anaemia Detection Using Deep Learning Models Integrated into a Web-Based Fingernail imaging application with email authentication	T.M.Sheeba, M.Anand, J. Anita Smiles, T. Papitha Christobel, A. S. Anshy Pricella, R.Rishi
02.32 pm	26CHCS 1048	IoT-Driven Deep Learning Logic to Identify Cardiovascular Diseases using Electrocardiogram Images	J.Gokulapriya, P.Logeswari, Thiagarajan Jayaraman, R. Rajesh, Senthil Kumar Sengottaiyan, Yuvaraja Thangavel
02.44 pm	26CHCS 1068	Time-Temperature Profile Modelling for Developing artificial Intelligent Cooking Systems	Umesh Chavan, RushikeshDhavane, Dnyaneshwari Patil, Shruti Sonar, Renuka Shinde, Samrat Gade
02.56 pm	26CHCS 1073	Enhancing Financial Inclusion Through AI: A Machine Learning Methodology for Credit Rating and Loan Accessibility	Kavitha U, Sreejith S, Manoj P, Poornima, Harshad Ali Khan
03.08 pm	26CHCS 1077	Brain Tumor Detection: Comparative Performance Analysis of MobileNetV2 Classification Metrics	Geetha R
03.20 pm	26CHCS 1078	Edge-AI Enabled PCOS Diagnosis: Optimizing MobileNetV2 for Medical Ultrasound Analysis	Geetha R, Jenila Rani D
03.32 pm	26CHCS 1095	A Self-Optimized PSO-XGBoost Regression for Robust Feature Selection and Diabetes Prediction	Deepshikha Gupta, Malaya Dutta Borah
03.44 pm	26CHCS 1106	Design and Experimental Validation of AntBot: An Accessible Hexapod Platform for Surveillance	Rishitha C, Divya Rithanya, Karthikeya Y, Kaushal S, Akhil V.M
03.56 pm	26CHCS 1123	HyperFused Multi-Modal Deep Learning for Automated Acute Lymphoblastic Leukemia Detection and Subtype Classification	Elakkiya A, Manimala G
04.08 pm	26CHCS 1124	Lightweight and Explainable ResNet-50 Model for Real-Time Pneumonia Diagnosis on Edge Platforms	Lisha Kurain, P Amudha
04.20 pm	26CHCS 4061	Enhancing American Sign Language Detection through Histogram of Gradient Features using Machine Learning Techniques	Nithiya Baskaran, K.Manasa, P.Aurchana, B.Jogeswara Rao

Session 03: CS02 (ONLINE)

Date: 08.01.2026

Time: 02.20pm to 04.30 pm

Session Co-ordinator: Mrs. Sampada Massey, Shri Shankaracharya Technical Campus, Bhilai

Session Chair:

1. Dr. Megha Mishra, Shri Shankaracharya Technical Campus, Bhilai
2. Dr. Neha Gupta, Symbiosis University of Applied Sciences, Indore

Google meet link: <https://meet.google.com/hvn-euyf-hfp>

Time	Paper ID	Paper Title	Author Name(s)
02.20 pm	26CHCS 1143	FedMindPurpose: A Federated AI Framework for Purpose Discovery and Mental Health Support in Youth	Thilakavathy P, Rajakumar B, Sundara Rajulu Navaneethakrishnan, Deepa R, Surendran R
02.32 pm	26CHCS 1160	Automated Deep Learning Framework for Multi-Label Skin Cancer Classification Using Balanced Dermatoscopic Data	Bukke Deekshith Naik, Konduru Mahesh Raju, Jawalkar Balaji Rao, Mude Nagarjuna Naik, Sriramkumar R, Lakshmanan M
02.44 pm	26CHCS 1162	Deep Learning-Based Detection of Multiple Sclerosis from Multi-View MRI Slices	Himanshu Pant, Garima Joshi, Bhupesh Rawat, Manoj Chandra Lohani
02.56 pm	26CHCS 1164	Personalized Content Recommendation on Instagram: Leveraging AI to Enhance User Reach	Ruchi Sharma, T.Dhivya Bharathi, Ajmeera Kiran, Saravanan R, Sajiv G, N Dharani
03.08 pm	26CHCS 1166	A Multi-Agent Deep Reinforcement Learning Framework for Dynamic Path Planning in Autonomous Vehicles	Javed.N, R. Yogesh Rajkumar
03.20 pm	26CHCS 1167	A Deep Explainable Learning Framework for Transparent Decision-Making in Critical Domains	Anitha Govinda Ram, G. Charlyn Pushpa Latha, K. Logu, Nelson Kennedy Babu C, C.Anuradha, Narenthirakumar Appavu
03.32 pm	26CHCS 1168	A CNN-Transformer Dual-Stream Architecture for Enhanced Hyperspectral Image Categorisation	Anitha Govinda Ram, G. Charlyn Pushpa Latha, K. Logu, Nelson Kennedy Babu C, C Anuradha, Narenthirakumar Appavu
03.44 pm	26CHCS 1176	Real-Time English Speech Assessment Using Edge AI and Acoustic Feature	Punayya Yentrappati, Sailaja Gaddam, Shagufta Parween, Kasarapu Esther Rani, S.T. Gopukumar, Sreela B
03.56 pm	26CHCS 1177	Mathematical Modelling and Implementation of Traffic Flow Simulation Using Cellular Automata	R Saravanakumar
04.08 pm	26CHCS 1178	Detection of AI-generated image using DINOv2 and CLIP	Satheesh.K, Sujatha R, Vasanth Dhayanithimaran A, Thamizhisai D
04.20 pm	26CHCS 5042	Markovian Queueing System in Retrial Queue with Optional Services and Feedback Behaviour	M. Seenivasan, A. Arshidha

Session 04: CS03 (ONLINE)

Date: 08.01.2026

Time: 02.20pm to 04.30 pm

Session Co-ordinator: Mrs. Neha Taori, Shri Shankaracharya Technical Campus, Bhilai

Session Chair(s):

1. Dr. Samta Gajbhiye, Shri Shankaracharya Technical Campus, Bhilai
2. Dr. S. Kayalvili, Kongu Engineering College, Erode

Google meet link: <https://meet.google.com/vap-tgti-mpm>

Time	Paper ID	Paper Title	Author Name(s)
02.20 pm	26CHCS 1179	Real-Time Synthetic Identity Fraud Detection Using Recurrent Neural Networks for Sequential Data Analysis	Vamsi Krishna Chidipothu, Cheemaladinne Vengaiah, Kathari Santosh, Bobonazarov Abdurasul, Sajiv G, S. Manochitra
02.32 pm	26CHCS 1180	Exploring the Role of Artificial Intelligence in Enhancing English Language Learning Assessment Practices	K. Poornima Varalakshmi, P.Lakshmilavanya, P.Rajisha Menon, K S Punithaasree, Punit Pathak, Prabhu M
02.44 pm	26CHCS 1188	Deep Learning-Based System for Automatic Speech Recognition (ASR) In Noisy Environments	Ananthajothi, Aadhithya R K, Aaditya S
02.56 pm	26CHCS 1195	Comparative Analysis of Clustering Algorithms in High-Dimensional Biomedical Applications	Mustafa Shareef Khanjar, Yasir Adnan Hussein, Anmar Yahya Habeeb, Saad Mutashar, Omar Sameer Khalis, Adnan Hussein Ali
03.08 pm	26CHCS 1196	Blockchain-Enhanced Face Image Authentication Using Lightweight CNN and DWT-SVD Watermarking	Samir Abdul-Sattar Lafta, Adnan Hussein Ali, Anmar Yahya Taher, Saad Mutashar, Omar Sameer Khalis, Yasir Adnan Hussein
03.20 pm	26CHCS 1197	Enhancing the Detection of Minority Attack Classes in Network Intrusion Detection Systems Using Ensemble Deep Learning Approaches	Ch. Kodanda Ramu, T. Srinivasa Rao
03.32 pm	26CHCS 1199	Supervised Model-Based Feature Selection on Diverse Dataset	Srimannarayana Mopidevi, Durga Prasad Pitti, Kavyasri Thatavarthi, Vishnavi Eddu
03.44 pm	26CHCS 1210	Neuro-Symbolic AI Framework for Automated Concept Reinforcement in Skill-Oriented STEM Education Environments	P. Suria Thilagam, Muhammedali Chalikandy Puthiyapurayil, Dr. Sweta Ravindran, N. Sheik Hameed, S. Vijayakumar, R S Sabeenian
03.56 pm	26CHCS 1220	Retinoscope Advancing Eye Disease Diagnosis Through AI-Powered Multi-Fusion Classification	Mani Malar & R ValarMathi
04.08 pm	26CHCS 1223	TransUNet-Based Vision Transformer Framework for Accurate Lung CT Image Segmentation	Manikumari Illa, J.Peter Praveen, S.Ramalingeswara Rao, T.Babu Rao, Y.Harnath, B.Mahaboob
04.20 pm	26CHCS 5043	Performance Study of a Single-Server Queue with Backup Server, Catastrophe, and Reneging Customer	M. Seenivasan, R. Vijayalakshmi and R. Ramesh, F. Patricia

Session 05: CS04 (ONLINE)

Date: 08.01.2026

Time: 02.20pm to 04.30 pm

Session Co-ordinator: Mr. B Chiranjeev Rao, Shri Shankaracharya Technical Campus, Bhilai

Session Chair(s):

1. Dr. Archana Senapati, Shri Shankaracharya Technical Campus, Bhilai
2. Dr. Vishnu Raja P, Kangeyam Institute of Technology, Tirupur

Google meet link:<https://meet.google.com/nax-zrzx-ost>

Time	Paper ID	Paper Title	Author Name(s)
02.20 pm	26CHCS 1229	3D CNN Based Decision Framework for Autonomous Maneuvering	Paramita De
02.32 pm	26CHCS 1230	Hierarchical Vision-Language-Aware Product Detection in Dense Retail Shelves Using Enhanced YOLOv12	Kiran Muraleedharan, Nirmal Varghese Babu
02.44 pm	26CHCS 1231	Detection and Identification of Monkeypox Viral Disease Using Deep Learning	Chaitra I V, Aashitha S, Chaithra S N, Suchithra S, Shravya S Gowda, Kavya T M
02.56 pm	26CHCS 1232	NeuroRhythm: EEG-Based Adaptive Music Therapy for Calming Autism Hyperactivity	Jaeyalakshmi M, Nithish Rao P, Nishal I P
03.08 pm	26CHCS 1243	Adaptive Temporal-Spatial Attention Framework for Early Epileptic Seizure Prediction Using Multichannel EEG Signal	Jeffrey Chris, Nirmal Varghese Babu, J. S Rajkumar
03.20 pm	26CHCS 1246	GPS-Enabled Attendance Tracking System: A Location-Based Approach for Enhanced Accuracy and Security	Ravikumar, Sanjay S. R., Viren J., Surendar Kumar H. P., Yashas S., Keerthishree B. T.
03.32 pm	26CHCS 1247	DeepRetina: Transformer-Enhanced EfficientNet for Retinal Disease Classification	Maria James, B.Ramamurthy, Saravanan K N
03.44 pm	26CHCS 1251	Vision Transformer-Based Early and Real-Time Detection of Cowpea Mosaic Virus for Precision Farming	Parthasarathy Seethapathy, Kannan M, E Madesh, Arjun S, K S Harisankar, Santhosh S
03.56 pm	26CHCS 1254	Accelerating Multi-Cancer Diagnostics: A Deep Learning and Mobile Application Based Histopathological Image Analysis System	Kannan M, Thahseen Thahir, Renswick Sebastian, Sharanyanivasini J S, R Saravanakumar, M.Nirmalprithvraj
04.08 pm	26CHCS 1259	A Hybrid Framework for Sentiment Analysis on Textual data using BERT Embeddings and Random Forest Classifier	Uddipan Ghosh, Suvobrata Sarkar, Susovan Jana, Indrashish Bhattacharya, Kishan Singh, Priyanka Kumari
04.20 pm	26CHCS 4046	Customer Impatience in M/M/1 Queuing System with Working Vacations	M. Seenivasan, N. Siva Sankari, V. Anita, and R. Ramesh

Session 06: CS05 (ONLINE)

Date: 08.01.2026

Time: 02.20pm to 04.30 pm

Session Co-ordinator: Ms. Vineeta Swarnkar

Session Chair(s):

1. Dr. Avinash Dhole, Shri Shankaracharya Technical Campus, Bhilai
2. Dr. Shrikant Tiwari, Galgotias University, Greater Noida

Google meet link: <https://meet.google.com/ogj-ikmb-ebu>

Time	Paper ID	Paper Title	Author Name(s)
02.20 pm	26CHCS 1263	Intelligent and Secure Image Data Hiding Using AI-Driven Embedding (TA-DPCNN) and Cryptographic Protection	Thatigutla Rohith Kumar Reddy, Galisetty Jayaprakash VenkatNarayan, Shaik Ahamed Sahir, Parasa Rishil Sree
02.32 pm	26CHCS 1289	Optimizing Seat Utilization in Bus Transport through AI-Powered Segment Management	Joe Freddie Cheeran, Nirmal Varghese Babu
02.44 pm	26CHCS 1321	A Hierarchical Sensing IoT Framework for Fire Detection Integrating Low-Power Sensors with On-Demand AI-Driven Visual Verification	K B Charan Teja, Turaga Krishna Kartheek, V Dhatrish, Vijaya Raghavan N, Saranya S N, Madhumala R B
02.56 pm	26CHCS 1326	Event-Driven Fixed-Time Control for Underactuated Nonlinear Systems: Application to Quadrotor UAVs	Madhumita Pal, Sanjoy Mondal, Amal Barman, Ashish Raj Verma, Satyajeet Prakash, Sagnik Chakraborty, Avishek Soe Mondal
03.08 pm	26CHCS 1336	Adaptive Self-Healing Video Encryption Framework for Robust Multimedia Security	P Padmaprasad Shenoy, Hemalatha S, Prashant Barla
03.20 pm	26CHCS 1352	Identifying the most influential person in social media using directed graph and Machine Learning Models	Ponnathota Sai Likhitha, Balne Kavya Sree, Sunkavalli Krishna Mani Sanjana, Busi Mokshitha, Puvvada Dharani, Koduru Hajarathaiah
03.32 pm	26CHCS 1356	Pre-Transaction Fraud Risk Prediction in DeFi Using Explainable AI	Rino Thomas, Savitha K. K
03.44 pm	26CHCS 1358	Modeling Emotional Trajectories in Storytelling LLMs: Toward Emotionally Coherent AI Narratives for Learning Contexts	Rohit Bharti, Manmohan Sharma
03.56 pm	26CHCS 1379	Hierarchical Attention Network with GNN Embeddings for Credit Risk Prediction	Krishna Chaitanya Yarlagadda
04.08 pm	26CHCS 1380	Attention-Driven Spatio-Temporal Graph Neural Networks for Fraud Monitoring	Krishna Chaitanya Yarlagadda
04.20 pm	26CHCS 4089	Momentum Oscillators in Action: A Unified Framework for Share Market Price Prediction	Sridhar Udayakumar, E. Anbalagan

Session 07: CS06 (ONLINE)

Date: 08.01.2026

Time: 02.20pm to 04.30 pm

Session Co-ordinator: Mr. RajeshwarDewangan

Session Chair(s):

1. Dr. Siddhartha Choubey, Shri Shankaracharya Technical Campus, Bhilai
2. Dr. D. Loganathan, Cambridge Institute of Technology, Bangalore

Google meet link: <https://meet.google.com/nrn-nsbn-jve>

Time	Paper ID	Paper Title	Author Name(s)
02.20 pm	26CHCS 1385	Extended BIGS Algorithm to Find all Possible Metric Bases and Fault Tolerant Metric Bases in Certain Johnson Graphs for Error-Correcting Code Design	Abigail M V, Simon Raj F
02.32 pm	26CHCS 1394	Enhancing Security Centric Node Identification in Complex Networks Using Genetic Algorithm	Dinesh Rengaswamy
02.44 pm	26CHCS 1402	Hydrodynamic Study of Oscillating Water Column Device with Circular Front Wall in Oblique Wave Conditions	Santanu Kumar Dash, Kailash Chand Swami, Santanu Koley
02.56 pm	26CHCS 1404	Compact Multithreaded Web Server for Static Request Handling	Bhargav M Savaliya, Pal A Patel, Yash Pratap Singh, J Shajeena, S. Rahmath Nisha, Jubilant J Kizhakkethottam
03.08 pm	26CHCS 1409	IGNISYL: AI-Powered Insider Threat Detection System with Adaptive Firewall Control Using Multi-Domain Security Intelligence	Ayswaria Lekshmi, Divya Mohan, R Anand, Vrinda V, Sruthi G S
03.20 pm	26CHCS 1410	AgriBot: An LLM-Guided IoT System for Real-Time Soil Monitoring and Irrigation Advice	Madhumala R B, Saranya S N, S Dishan Samuel, Shashank G Yaplar, Shashwath V, Vincent Samuel Paul
03.32 pm	26CHCS 1417	JobLinker: Automated Recruitment through Verified Intelligence	Uddipan Ghosh, Apalok Roy, Indrashish Bhattacharya, Suvobrata Sarkar, Soumabha Ghosh, Shatakshi Shandilya
03.44 pm	26CHCS 1423	A Hybrid IoT and Machine Learning Approach for Real-Time Air Pollution Detection and Prediction	G. Sreedev, Dr. Divya Mohan, Rithunandha. K P, Akash Krishna, Amisha. P
03.56 pm	26CHCS 1428	Machine Learning Integrated Zero Trust Automation with DevOps Principles for Continuous Security Enforcement	Ankur Mahida
04.08 pm	26CHCS 1429	Function Profiling and Runtime Environments for Energy Aware Deployments	Aania George, Rupa Laalasa Oruganti, Adnaan Dawood, Prafullata Kiran Auradkar
04.20 pm	26CHCS 1462	Non-Contact Heart Rate Monitoring for Real World Health Surveillance	Kajri K. K, Rahul Krishnan Pathinarupothi

Session 08: CS07 (ONLINE)

Date: 08.01.2026

Time: 02.20pm to 04.30 pm

Session Co-ordinator: Mrs. Neha Choubey

Session Chair(s):

1. Dr. Achala Jain, Shri Shankaracharya Technical Campus, Bhilai
2. Dr. K. Umadevi, Sengunthar Engineering College, Namakkal

Google meet link: <https://meet.google.com/ymw-ykty-qgy>

Time	Paper ID	Paper Title	Author Name(s)
02.20 pm	26CHCS 1435	Smartphone-Based Deep Learning Approach for Bacterial Classification Using Microscopy Images	Vaishnavi J Naick, Alfiya Basheer, Sanjay Pal, Rahul Krishnan Pathinarupothi
02.32 pm	26CHCS 1441	Algorithmic Chain Encryption (ACE): Enhancing Cryptographic Security through Dynamic Sequential Multi-Algorithm Application	Kartik Aslia, Navjeet Kaur
02.44 pm	26CHCS 1450	An Application of Precision Agriculture based on Machine Learning for Prediction of Crop Yield and Fertilizer Recommendation	Utkarsha Bonde, Aryan Koshal, Sharvil Kolhe, Priya Dasarwar, Praveen Kumar Dhankar, Shreyas Holey
02.56 pm	26CHCS 1457	Enhancing Credit Card Fraud Detection Through Principal Component Analysis and Machine Learning Models	Jyoti Singh
03.08 pm	26CHCS 1468	DeepNavX: A Deep Vision Framework for Robust Navigation in Weather-Degraded Driving Scenarios	Shambhavisingh, Gaurav Sharan
03.20 pm	26CHCS 1474	Modular Multiplicative Divisor Labeling in Vertex Switched Jellyfish Graph	K.Vijayalakshmi, M.Babu
03.32 pm	26CHCS 2002	Explainable MobileNetV2 Framework with Knowledge Graphs for classifying Hand-Foot-Mouth and Chickenpox Diseases	N.Susmitha, T.Anuradha
03.44 pm	26CHCS 2009	Machine Learning Based Soil Nutrient Analysis in Rural Bengaluru: A Naive Bayes Approach	Shobha N, Jagadishwari V, Chandrakala B M, Suma V, Harsha S
03.56 pm	26CHCS 2010	Ensemble Machine Learning Approaches for Reliable Palm Oil Adulteration Detection	Himanshu Pant, Garima Joshi, Bhupesh Rawat, Janmejay Pant, Devendra Singh
04.08 pm	26CHCS 2020	Early Detection of Parkinson's Disease Using a Multimodal Machine Learning Model	Aayush Sundaresan, Karthika Veeramani
04.20 pm	26CHCS 1476	Multi-Source Sentiment Analysis for Cryptocurrency Prediction Using Machine and Deep Learning Models	Rithu S, Namrata Chirmade, Dhruv Khatri, Amrit Kochar, Mangal Singh

Session 09: CS08 (ONLINE)

Date: 08.01.2026

Time: 02.20pm to 04.30 pm

Session Co-ordinator: Mr. VikkyKumhar

Session Chair(s):

1. Dr. Somesh Kumar Dewangan, Shri Shankaracharya Technical Campus, Bhilai
2. Dr Kamal Garg, Pandit Deendayal Energy University, Gandhinagar

Google meet link: <https://meet.google.com/zho-kaeq-mqx>

Time	Paper ID	Paper Title	Author Name(s)
02.20 pm	26CHCS 2021	Real-Time Sign Language Detection and Translation Using Mediapipe Hand Tracking and TensorFlow Neural Networks	Dileep Reddy Bolla, Naveen K, Anirudh S Menon
02.32 pm	26CHCS 2025	Chronic Obstructive Pulmonary Disease Detection using a Smart Stethoscope Prototype	Letitia Nimshi, P. Manimegalai
02.44 pm	26CHCS 2027	Intrusion Detection System for Networks Using Hybrid ML Algorithms	Vasanth Nayak, Rashya Shetty, Nisarga Shetty, Ashika, Jashmi M R
02.56 pm	26CHCS 2029	Assessing The Performance of Traditional and Deep Learning Models for Text Generation and Classification: An Empirical Study	Shouryadhar Karamsetty, Danda Sanjana Reddy, Annadi Abhinaya Reddy, Annam Varsha
03.08 pm	26CHCS 2031	Examining Blue Collar Adoption of Supply Chain Platforms Using Technology Acceptance Model (TAM)	Hendy Tannady, Harits Hijrah Wicaksana, Agung Edi Rustanto, Eva Yuniarti Utami, Degdo Suprayitno
03.20 pm	26CHCS 2032	Computational Framework for Human-AI Symbiosis: A Multidimensional Approach to Augmented Intelligence and Mutual Learning	Shravanchandra G, T.Ram Kumar, Vinayagan S, Vishnu Kumar Mishra, Megha Mishra, K. Parijatha
03.32 pm	26CHCS 2034	Brain Tumour Detection System using Deep CNN and GenAI	Poovizhi P, Rajasekaran P, Vijaya Kumar T, Sadhana S A, Sanjana N, Aakash S
03.44 pm	26CHCS 2036	Detecting Phishing Websites Using Hybrid Feature Extraction and Classification	D. Shunmuga Kumari, S. Sathya, K. Prakash, Sheela K, M. Sakthivanitha, V. Poornima
03.56 pm	26CHCS 2037	Intelligent Sleep Disorder Predictor and Personalized Wellness Guide Using Enhanced Machine Learning	G. Prabhakar, Arshia Mehtaab Katika, AttiliManisha, Devarla Keerthana
04.08 pm	26CHCS 2038	AI for Feminist Media Studies: Exploring Menstruation Stigma on Indian YouTube Using NVivo Analysis	Samiksha Jain, Priya Sachdeva, Vinay Vikram Singh, Prachi Malhotra
04.20 pm	26CHCS 4097	SWARMSVM: An Optimized Machine Learning Framework for Accurate Dengue Outbreak Prediction	D Betteena Sheryl Fernando, Dr K Sheela Sobana Rani, P Parameswari
04.32 pm	26CHCS 2040	Real-Time Vehicle Detection Using Deep Neural Networks	Megha Mishra, Vishnu Kumar Mishra

Session 10: EC01 (ONLINE)

Date: 08.01.2026

Time: 02.20pm to 04.30 pm

Session Co-ordinator: Mr. Vishnu Sahu

Session Chair:

1. Dr. Swati Verma, Shri Shankaracharya Technical Campus, Bhilai
2. Dr. Mahesh Singh, Symbiosis Institute of Technology, Pune

Google meet link: <https://meet.google.com/vhc-roog-ouy>

Time	Paper ID	Paper Title	Author Name(s)
02.20 pm	26CHEC 1002	Image Cryptography Using Caesar Cipher on FPGA Board	Jincy Anto K, Sreenidhi Prabha Rajeev
02.32 pm	26CHEC 1004	Near field channel modelling and beamforming in 6G wireless networks	T Haritha Swathi Dasi, N Bhovaneswari, P Srinivasa Reddy, L Tirumala Sai, Shaik Sultana Basha
02.44 pm	26CHEC 1007	Design and Performance Evaluation of a Microstrip Phased Array Antenna for Millimeter-Wave Applications	Hemanth Goshika, G. Vijay Goud, Rachuluri Shashikanth, Arohan Chetty
02.56 pm	26CHEC 1015	Machine Learning Approach to Predict Tunnel FET Characteristics Using Random Forest Regression	Ajaykumar Dharmireddy, T. Sony Kanaka Deepthi, V. Monika, Y. Jaahnavi, P. Bhavani Bharagavi, Y. Avinash
03.08 pm	26CHEC 1016	Hyper-parameter Sensitivity Analysis for Deep Learning-Based Multi-Hop Channel Estimation in Vehicular Networks	M. Sushanth Babu, G. A. E. Satish Kumar, D. Nagadevi, K. Vasanth, S. Siva Priyanka
03.20 pm	26CHEC 1017	RTOS-Based VLSI Sensor Node for Energy-Efficient Wireless Sensor Networks	Akash U, Jaimy James, Remya Ramesh
03.32 pm	26CHEC 1024	TinyML-Based Embedded Analytics Model Compression and Hardware Co-Design	Pavithra S, Narthika S, Praveen M
03.44 pm	26CHEC 1031	Quantum Steganography with QKD for Secure Communication	Karthiaeni T, Kiruthika S, Lavanya V, Mariammal K, Vinotheni M S
03.56 pm	26CHEC 1037	Sound-from-Video via Multiscale Spatial-Gradient Filtering of Intra-Frame Motion	Vathiyedath Sulaiman Suniya, Anil Anisia, Susmitha Rajan, Vaninirappuputhenpurayil Gopalan Reju
04.08 pm	26CHEC 1003	Slot Opening Optimization for Enhanced Electromagnetic Performance of PMSM in Electric Mobility Applications Using FEA	Wan Aliff Rahaimi Wan Abdul Halim, Mohd Saufi Ahmad, Ahmad Kamal Othman, Dahaman Ishak, Siti Salwa Mat Isa, Tow Leong Tiang
04.20 pm	26CHEC 1135	Analysis of Low-Cost PET-based Conformal and Polarization-Independent Ultrathin FSS	Kanwar Preet Kaur, Trushit Upadhyaya, Upesh Patel, Poonam Thanki, Killol Pandya, and Dhara Patel
04.32 pm	26CHEC 1136	Design and Analysis of a PET-Based Conformal Ultra-Broadband Monopole Antenna	Kanwar Preet Kaur, Simardeep Kaur, and Shimpy Ralhan

Session 11: EE01 (ONLINE)

Date: 08.01.2026

Time: 02.20 am to 04.30 pm

Session Co-ordinator: Ms. Simardeep Kaur

Session Chair(s):

1. Dr. Shimpy Ralhan, Shri Shankaracharya Technical Campus, Bhilai
2. Dr. Naveen Goel, Samrat Ashok Technological Institute Polytechnic, Vidisha

Google meet link: <https://meet.google.com/qce-xshu-hkc>

Time	Paper ID	Paper Title	Author Name(s)
02.20 pm	26CHEE 1001	Optimized Energy Control in DC Microgrids Featuring Fast Charging Infrastructure for Solar Based Electric Vehicles	R.Praveen Kumar, M.Malarvizhi, C. Sivarajani, J.Kumaresan, S. Dhivagar, Senthil Kumar Sengottaiyan
02.32 pm	26CHEE 1004	Performance Evaluation of Grid-Connected Solar Power Plant for Utility Load Utilising Reactive Power Compensation	Khushaboo, Virendra Sharma, Vikas Kumar Sharma, Harsh Shrivastava, Garima Mathur and Gaurav Jain
02.44 pm	26CHEE 1007	Techniques for Discrete Mitigation and Control in Four Area System with DFIG System	Gaurav Jain; Ritu Tak; Bhuvnesh Rathore; Mayengbam Sashilal Singh; Aashiq Hussain
02.56 pm	26CHEE 1008	A PSO Tuned PID Vector Control Technique for the Improvement in Speed of Induction Motor	Arpit Yadav, Ranjay Das, Ganesh Roy
03.08 pm	26CHEE 1010	Non-Intrusive Detection and Localization of Radial Deformation in Transformer Windings Using Correlation-Based Eigenvalue Analysis	Manoj Samal, Mithun Mondal
03.20 pm	26CHEE 1015	Comparative Analysis of Modulation Methods for Optimizing the Performance of Single-Phase Full-Bridge Inverters	K. Shalini, Prof. A. Lakshmi Devi
03.32 pm	26CHEE 1019	Self-Tuning Multi-Objective SOC Estimation for EV Battery Management Systems	G. Pandu Ranga Reddy, Thangirala Karthikeya Donthireddy Tejaswi Reddy, Chakali Mukesh Kumar and R Venkata Rami Reddy
03.44 pm	26CHEE 1025	A Deep Learning Centric Framework for Real Time Voltage Stability Assessment	P.Manikandan, M.A.Lekshmidevi, S.Anu Priya, A.V.Suganya, Gurumoorthy. G, S.Balaji
03.56 pm	26CHEE 1038	Lightweight Forecasting Meets Tunable Demand Response in Buildings	G. Pandu Ranga Reddy, Elluru Bharadwaj, Ramadurgam Keshavananda, and Ediga Sudharshan Goud
04.08 pm	26CHEE 1039	Comparative Analysis of Disturbance Observer, Active Disturbance Rejection Controller and Fuzzy Logic Controllers for Load Frequency Control.	Sami Jan Lolu, Zubair Ahmad Mir, Aaqib Hafeez Malik, M A Bazaz.
04.20 pm	26CHEE 1040	A Comparative Study of Robust Strategies for Single-Area Power Systems	S J Lolu, M A Bazaz

Session 12: CS09 (ONLINE)

Date: 09.01.2026

Time: 10.30 am to 12.40 pm

Session Co-ordinator: Ms. Nidhi Chandrakar

Session Chair(s):

1. Dr. Abha Choubey , Shri Shankaracharya Technical Campus, Bhilai
2. Dr. Panem Charan Arur, National Forensic Sciences University, Goa

Google meet link:<https://meet.google.com/kxr-exbj-wdj>

Time	Paper ID	Paper Title	Author Name(s)
10.30 am	26CHCS 2049	A Ganomaly Based Machine Learning Approach for Unmasking Deepfake Voices	MD. Naseera, Parkala Akshara, Mohammad Maahirah, Patlolla Shalini
10.42 am	26CHCS 2058	Self-Evolving Multi-Agent Reinforcement Learning Systems for Decentralized Decision-Making in Open-Ended Environments	Harsh Wasnik, Yash Wasnik, Rishab Khatokar, Dhawal Gajwe
10.54 am	26CHCS 2061	Advanced IoT System for Soil Quality, Leaf Disease, and Seed Size Analysis in Agriculture	Prof. Rajesh Dhake, Vineet Wathurkar, Krupal Warale, Prajwal Wakle, Shubham Pathare
11.06 am	26CHCS 2063	IoT aware Quartile Normalized Projective Gradient Descent Deep Artificial Learning Classifier for Plant Leaf Disease Prediction	Sreelakshmi Kakkat Parameswaran, R. Parameswari
11.18 am	26CHCS 2070	Predictive Analytics for Machine Failures Using IoT Sensor Data and Machine Learning	Geetha R, Diana Grace Thomas
11.30 am	26CHCS 2087	Machine Learning with Wrapper Methods Approach for Feature Selection	Yadavendra Kumar Cheruvu, Hemanta Kumar Bhuyan
11.42 am	26CHCS 2089	Artificial Intelligence in Marketing using Predictive Personalization Framework	Aruna Devi C, J.J.Savithri, S.Thiruppakkadal Nambi, S.Ananthi, G.Sudhanthira, Malliga. P
11.54 am	26CHCS 2091	Cognitive and Stylistic Impact of Conventionalized Expressions on Narrative Perspective and Character Formation in Modern English Fiction	Syed Wahaj Mohsin, Priyadarshini CPC, Purnachandra Rao Alapati, Ritu Sharma, Sambana Madhuri, Sreela B
12.06 pm	26CHCS 2098	Unsupervised Learning Techniques for Intrusion Detection in Computer Networks A Comparative Study Using the CICIDS2017 Dataset	M.Beulah Viji Christiana, S.Dhivya, Shashiraj Teotia, K.Santhi, Safeena C, K.Subramani
12.18 pm	26CHCS 2099	Predictive Analysis of Internet Use and Risk among Children and Adolescents via Machine Learning	Mansi Jaiswal, Udit RamalingegowdaManchattahalli, V. Seedha Devi, Maheswari S, Minu Susan Jacob, Jose Anand A

Session 13: CS10 (ONLINE)

Date: 09.01.2026

Time: 10.30 am to 12.40 pm

Session Co-ordinator: Mrs. Sampada Massey

Session Chair(s):

1. Dr. Megha Mishra, Shri Shankaracharya Technical Campus, Bhilai
2. Dr. Rajesh Tiwari, CMR Engineering College, Hyderabad, Telangana

Google meet link: <https://meet.google.com/hvn-euyf-hfp>

Time	Paper ID	Paper Title	Author Name(s)
10.30 am	26CHCS 3000	Defect Detection in Lead-Acid Battery Plates Using Computer Vision and Deep Learning	Suraj Kumar Bandhekar, P. Ramani, Harsimran Singh, R. Arravind, Pritam Kailas More, Vinod Kumar V. Meti
10.42 am	26CHCS 3010	Adaptive AI-Driven Learning Pathways for Real-Time Knowledge Personalization in Multilingual Digital Education Ecosystems	Namita Breja, Rippandeep Kaur, Ranjeeta Saini, Harpreet Singh, Priya Sharma, Prema S
10.54 am	26CHCS 3011	An Explainable AI-based Context-Aware Forecasting Framework for Accurate and Understandable Demand Predictions	Subha S, Jasmine M, Gomathi M, Keerthana R.S.V
11.06 am	26CHCS 3015	A Hybrid Deep Learning Approach for Sign Language Recognition using MobileNetV2 and Attention Mechanism	Gudupalli Sravya, Surajit Das, Kammari Anjali, G Vinu Priya, Sathvika Gajula
11.18 am	26CHCS 3016	PPG-Based Respiration Monitoring Using CycleGAN	Dr D Loganathan, Nihal B, Rachana S Kamalpur, Gowtham R
11.30 am	26CHCS 3019	Federated Deep Learning Framework for Privacy-Preserving Student Performance Prediction in Multi-Institutional Educational Systems	Gagandip Kaur, Ranjeeta Saini, Rippandeep Kaur, Yogesh Punia, Priya Sharma, Vimochana.M
11.42 am	26CHCS 3022	Obesity risk prediction using explainable stacked machine learning with lime insights	Boyneni Srinivasulu, Mittapelly Snehalatha Reddy, Mekala Shirisha, Maddukuri Nitya Santhoshi, Peddigani Akhila
11.54 am	26CHCS 3023	Application Of Elastic Net Regression to Predict Air Quality in India	Rosario Gilmary, D. Nivedha. N. Manvithi, B. Pradeepa
12.06 pm	26CHCS 3024	Earthquake Alert Prediction Using Machine Learning Models	Diana Grace Thomas
12.18 pm	26CHCS 3025	Advanced Fuzzy Neural Network Modeling of Ni(II) ion Adsorption on Modified Biochar: Synergizing Experimental and Computational Analysis	Anbalagan S
12.30 pm	26CHCS 1214	Design of a Resilient and Sustainable Microgrid for a Brazilian Air Force Base	L. F. M. Teixeira, A. W. S. Serra, L. A. de S. Ribeiro, J. G. de Matos, O. R. Saavedra

Session 14: CS11 (ONLINE)

Date: 09.01.2026

Time: 10.30 am to 12.40 pm

Session Co-ordinator: Mrs. Neha Taori

Session Chair(s):

1. Dr. Samta Gajbhiye, Shri Shankaracharya Technical Campus, Bhilai
- 2.

Google meet link:<https://meet.google.com/vap-tgti-mpm>

Time	Paper ID	Paper Title	Author Name(s)
10.30 am	26CHCS 3027	Deepfake Detection System Using Hybrid Deep Learning for Images and Videos	Sunil Kumar K N, Gonugunta Venkat Jaya Prakasha Reddy, Guru Prakash B, K Naveen
10.42 am	26CHCS 3031	Fast and Accurate Human Fall Detection with Hybrid Deep Learning and OpenCV-Based Human Detection	Rosario Gilmary, N. Manvizhi, V. Thendral Balaji, P. Nirmal
10.54 am	26CHCS 3033	Fine-Tuned BERT-Based Framework for Accurate Grammar Error Detection in English Academic Writing	G Immanuel, B Sridevi, Mary Surya Kala, Shagufa Parween, M.G. Abinaya, R Saravanakumar
11.06 am	26CHCS 3035	Ethical Implications and Emerging Opportunities of Machine Learning Models in Automated English Language Testing	Bhanu Rekha, Banti Dutta, Shveta Tripathi, Joy Christina Sara Jayakodi, Viju M.J., Sreela B
11.18 am	26CHCS 3038	Attention Driven SwinUNet Framework for Accurate Brain Tumor Segmentation across Multi Parametric MRI Modalities	Rakeshnag Dasari, Malik Bader Alazzam, Al-Hussein Maysir Majid, Abdul Hameed Al-Shammari, Manivannan Govindasamy, Alamelu alias Rajasree. S
11.30 am	26CHCS 3043	Artificial Neural Network-Based Optimization and Kinetic Modeling of Magnetic Nanoparticle- Impregnated Jackfruit Seed Biomass for Pollutant Removal	Anbalagan S
11.42 am	26CHCS 3045	X-Ray-Based Tuberculosis Detection Using Portable Edge AI Device in Rural Regions	Anika Kanigeri, Amrutha Kallampallil, Yadu Harish, Sanjeevi G, Rahul Krishnan Pathinarupothi
11.54 am	26CHCS 3051	Explainable Hybrid Architectures for Hematologic Malignancy Detection in Bone Marrow Smears	R.Pari & C.Nithiya,
12.06 pm	26CHCS 3053	Efficient Multi-Class Brain Tumor MRI Classification Using Xception with Depth Wise Separable Convolutions	Selorm Adablanu, Utpal Barman, Gerald Canaan Sohn, and Dulumani Das
12.18 pm	26CHCS 3055	Self-Learning Evolutionary Control Networks for Adaptive Energy Optimization in Smart IoT Cyber-Physical Systems	Asfar H Siddiqui, P. Kavitha, B. Swathi, Nurilla Mahamatov, Y Rama Lakshmanna, B. Anitha Vijayalakshmi

Session 15: CS12 (ONLINE)

Date: 09.01.2026

Time: 10.30 am to 12.40 pm

Session Co-ordinator: Mr. B Chiranjeev Rao

Session Chair(s):

1. Dr. Archana Senapati, Shri Shankaracharya Technical Campus, Bhilai
- 2.

Google meet link:<https://meet.google.com/nax-zrxz-ost>

Time	Paper ID	Paper Title	Author Name(s)
10.30 am	26CHCS 3059	Optimizing Context-Aware Testing for Mobile Applications - Advanced Techniques for Effective Test Coverage	S. Shanmuga Priya, R.Suganya
10.42 am	26CHCS 3060	Machine Learning Based Pigment Epithelial Detachment Detection in OCT Images	M.Anand, T.M.Sheeba, S. Albert Antony Raj, J. Anita Smiles, A. S. Anshy Pricella
10.54 am	26CHCS 3063	Cognitive Metaphors and Conceptual Mappings in Figurative and Conventionalized English Expressions A Linguistic and Psycholinguistic Study	Shagufta Parween, Neha Jain, Neelima Srivastava, M.G. Abinaya, Hari Nair, K. Selvakumarasamy
11.06 am	26CHCS 3065	Improving Precision Agriculture Through Machine Learning: Yield Forecasting with KNN, Random Forest, and XGBoost	B. Sunitha Devi, K. Shahu Chatrapati, N. Sandhya
11.18 am	26CHCS 3077	AI-Enabled Stroke Detector: A Hybrid Deep Learning and Machine Learning Approach	Vijay Pawar HG, J B Simha,Kiran Kumar K V
11.30 am	26CHCS 3080	Cryptographic Framework Using Dual Labeling and Web Graphs for Enhanced Data Protection	K. Maragathavalli, R. Mary Jeya Jothi, Thamizisai. D
11.42 am	26CHCS 3081	A Scalable Graph-Theoretic Cryptographic Scheme Using Cartesian Product and Matrix Transformations	K. Maragathavalli, R. Mary Jeya Jothi, Thamizhisai. D
11.54 am	26CHCS 3088	Multi-Framework Evaluation for Breast Cancer Classification: From CNNs to Swin Transformer	R.Athilakshmi, G.Maragatham, M.TamilSelvan, S.Madhan, V.Arun Karthikeyan, HanishKaa Ravi
12.06 pm	26CHCS 3092	Challenges and Approaches in Machine Learning for Climate Change Prediction: A Comprehensive Review	Saima Khan, Rakesh Singh Rajput
12.18 pm	26CHCS 3096	A Performance Evaluation of User-Isolated State Management in Secure P2P Systems	D. Dinesh Reddy, Ch. Dhruvanth Babu, K. Raghunandan and S. Satheesh Kumar

Session 16: CS13 (ONLINE)

Date: 09.01.2026

Time: 10.30 am to 12.40 pm

Session Co-ordinator: Ms Vineeta Swarnkar

Session Chair(s):

1. Dr. Avinash Dhole, Shri Shankaracharya Technical Campus, Bhilai
- 2.

Google meet link:<https://meet.google.com/ogj-ikmb-ebu>

Time	Paper ID	Paper Title	Author Name(s)
10.30am	26CHCS 4012	RFID and QR Code-Based Smart Shopping Cart System	Dr. Mamatha S, Sulakshana K Badiger, Sapthami K, Sharon Jessy T S, Vennela V.
10.42am	26CHCS 4015	Supervised Model for Brain Stroke Using Feature Selection Approaches	Chithirala Bala Subramanyam, Hemanta Kumar Bhuyan
10.54am	26CHCS 4017	Machine Learning Based Plant Illness Identification System Bolstering Agricultural Productivity Using Texture Analysis	Bipin Bihari Jayasingh, Y. Rama Devi, K. Mary Sudha Rani
11.06am	26CHCS 4024	Pulse: A RAG-Enhanced Hybrid Framework for Safe and Personalized Health Coaching	Himaya K. P., Abhinav Sunil, Chinta Vinuha, Veena G.
11.18am	26CHCS 4025	Integrating Air Quality Data and Health Surveillance: A Machine Learning Approach to Predicting Respiratory Disease in India	Siddique Ibrahim S P, Anshul Jha, Akshar Jha
11.30am	26CHCS 4027	A Deep Residual Learning Framework with Grad-CAM Explainability for Multi-Class Dermatological Image Classification	Reshma R, Shwetha M K, Raja Thejaswini N
11.42am	26CHCS 4028	An AR-Integrated Learning Management Platform for Immersive Medical Training Using Multimodal Learning Techniques	Reshma R, Saravana Sairam C, Kishan GS, Monish M
11.54am	26CHCS 4031	Digital Twin Modeling and Graph Neural Networks for Predictive Analytics in Remote Healthcare Monitoring Platforms	Rubeena, Ammar Younas, Bobonazarov Abdurasul, Saptaparni Roy Chowdhury, V S Krushnasamy, R Saravanakumar.
12.06 pm	26CHCS 4032	Comparative Analysis of Explainable AI Techniques for MRI-Based Neurodegenerative Disease Detection using LIME, SHAP, and Grad CAM	M. Raja Nandini, Peddi Meenakshi, Muda Keerthi, Kurva Akhila
12.18 pm	26CHCS 4039	A Robust EfficientNet-B3 Framework for Smart Waste Classification with Focal Loss and Cosine Annealing	Potturi Reshma, Viswaprasad Kasetti, M S Radha Mangamani, Hemanand Chittapragada, Solleti Phani Kumar, Uday Kumar Dosanapudi

Session 17: CS14 (ONLINE)

Date: 09.01.2026

Time: 10.30 am to 12.40 pm

Session Co-ordinator: Mr. Rajeshwar Dewangan

Session Chair(s):

1. Dr. Siddhartha Choubey, Shri Shankaracharya Technical Campus, Bhilai
- 2.

Google meet link: <https://meet.google.com/ebv-feeu-rhz>

Time	Paper ID	Paper Title	Author Name(s)
10.30 am	26CHCS 4044	Comparative Study of Machine Learning Algorithms for Heart Attack Prediction	Sivamani Selvaraju, Suganya S, Devarajan Veerasamy, Kattupalli Sudhakar, Akaash,
10.42 am	26CHCS 4047	Comparative Machine Learning Approaches for Imbalanced Multiclass Classification in Early-Stage Prediction of Hepatitis C Virus	Sivamani Selvaraju, K. Kanagasabapathi, Vishnuprasath, A., C. Thirunavukkarasu, M. Ananthalakshmi
10.54 am	26CHCS 4048	Designing a New Potato and Banana Disease Detection using Trans-Unet++ and Classification through Gather-Excite Network	Divyakanti Rongali, Sasibhushana Rao Gottapu, Aruna Singam
11.06 am	26CHCS 4049	A Comparative Study of Explainable Hibiscus Leaf Disease Classification using EfficientNet-B0 and Grad-CAM	Daya Rameshbhai Thummar
11.18 am	26CHCS 4050	Restricted Threshold based Compressive sensing using Group sparse representation RT-GSR	Tejaswini Chetty, Anshuj Jain, Paresh Rawat, Laxmi Singh, Sanjeev Gupta
11.30 am	26CHCS 4051	Secure Key Derivation using a Custom PRNG: Design and Application in AES	Ayshwarya K, Mary Shamala L
11.42 am	26CHCS 4054	Segmentation and Feature Extraction based Breast Cancer Detection Analysis	Radhika Meegada, Hemanta Kumar Bhuyan
11.54 am	26CHCS 4055	Intelligent Accident Detection and Response System Using YOLOv8m and SlowFast Networks	V.Sivakumar, Akash Kumar Verma, Piyush Kumar, Nitesh Saw, V.Hari Krishnan
12.06 pm	26CHCS 4057	Deep Learning-Driven Neuro-Pedagogical Interface for Real-Time Brainwave-Adaptive Teaching in Immersive Learning Environments	Abhishek Kumar Mishra, Sai Kumar Reddy Nossam, Mylavaram Kalyan Ram, Preeti Y Shadangi, S.Suresh Kumar, B.Anitha Vijayalakshmi.
12.18 pm	26CHCS 4066	Personalized Drug Toxicity Risk Assessment Model using Machine Learning	Pooja Dhawane, Narendra Saryam, Yash Ankush, Pratik Madan, Bhargav Bhujade, Piyush Patmase, Vedant Khedkar

Session 18: CS15 (ONLINE)

Date: 09.01.2026

Time: 10.30 am to 12.40 pm

Session Co-ordinator: Mrs. Neha Choubey

Session Chair(s):

1. Dr. Laxman Sondhi, Shri Shankaracharya Technical Campus, Bhilai
- 2.

Google meet link:<https://meet.google.com/ymw-ykty-qgy>

Time	Paper ID	Paper Title	Author Name(s)
10.30 am	26CHCS 4068	Scientometric Analysis of Data Privacy and Cloud Security: Research Trends in Access Control and Encryption Techniques	R. Archana Reddy, Syed Nawaz Pasha, D Sushma kumari
10.42 am	26CHCS 4073	A Theoretical and Empirical Perspective on Customer Satisfaction and Loyalty in Mobile Payment Platforms	M. Karthikram, S. Selvabaskar, K. Nigama, R. Guhan
10.54 am	26CHCS 4074	Analytical and Computational Study of in Caterpillar Graphs using python with Networking Applications	R. Vinodhini, T.N.M. Malini Mai
11.06 am	26CHCS 4075	Comparative Study of Transformer-Based Multimodal Models for Emotion and Intent Recognition	Aashna Tandon, Muskan Bhatnagar, Poorvi Verma and Seema Sharma
11.18 am	26CHCS 4077	Optimization of IoT Communication Using Low- Power Wide-Area Networks	S.Venkatasubramaian, S.K.B.Pradeep Kumar CH, M.Aurna Devi,
11.30 am	26CHCS 4083	Veritime: Enhancing Service Industry Accountability with Smart Contracts and IoT Integration	Meenal R Kale, Yogesh Mehta, Kathari Santosh, A. Annie Lotus, Dr Archana Borde, K. Selvakumarasamy
11.42 am	26CHCS 4087	GenX: AI-Powered Genomic Hybridization Analysis and Prediction	Mayukh Neogi, Saphalya Das, Anasuya Sengupta
11.54 am	26CHCS 4088	Enhancing Internet Attack Detection through Advanced Feature Engineering, Deep Learning and Data Augmentation Techniques	N. Raja Rajeswari, B.Sarvesan, K. Ramesh Babu, M.P. Kumar, N.Babu, M.Giri
12.06 pm	26CHCS 4091	Exploring the Dynamics of Modular Multiplicative Divisor Labeling in Interconnected Cycle Graph Gangs	P.Kalarani, R.Revathi, R. Vijaykrishnaraj, V G Smilin Shali, B. Kalaiselvi, B. Roopa
12.18 pm	26CHCS 4010	AI-Driven Real-Time Stock Forecasting Framework with Kafka and Cassandra	Sridhar Udayakumar, E.Anbalagan
12.30 pm	26CHCS 5000	Multimodal Emotion Recognition in English Conversations Using Fusion of NLP and Computer Vision Techniques	A. Venu Gopal Reddy, Partap Rajput, Suman Sharma, G. S. Bansode, Pavan Kumar Nowbattula, Anuradha. S

Session 19: CS16 (ONLINE)

Date: 09.01.2026

Time: 10.30 am to 12.40 pm

Session Co-ordinator: Mr. VikkyKumhar

Session Chair(s):

1. Dr. Somesh Kumar Dewangan, Shri Shankaracharya Technical Campus, Bhilai
- 2.

Google meet link:<https://meet.google.com/kdq-mozd-sma>

Time	Paper ID	Paper Title	Author Name(s)
10.30 am	26CHCS 5002	Wearable Sensor Technology for Real-Time Biomechanical Analysis in Competitive Sports	Tushar Dhar Shukla, Aakash Dhiman, Neelam Sharma, V S Krishnasamy, Sajiv G, V.Kavitha
10.42 am	26CHCS 5007	Comparative Efficacy of Focal and Binary Cross- Entropy Loss in Handling Class Imbalance for Stroke CT Classification	Selorm Adablanu, Utpal Barman, and Dulumani Das
10.54 am	26CHCS 5008	Harnessing Ensemble Learning for Dementia Detection from Speech Patterns	Priyanka G, Amshakala K
11.06 am	26CHCS 5009	Data Centric Framework Measuring Social Climate in Study-Abroad Destinations Using Targeted Sentiment Analysis	Ahmed Adam, Mohd. Zaid Merchant, Veer Shah, PrashastiKanikar
11.18 am	26CHCS 5011	Accurate Classification of Dry Bean Varieties Using Machine Learning Techniques for Enhanced Agricultural Analysis	Rajakumar M P, M.Balasubramani, R.Suganthi, K. Abinaya, Ishwarya Kothandaraman, M.Robinson Joel
11.30 am	26CHCS 5012	Reliable Data Routing in Parallel Systems through Identification of All Possible 1-Fault Tolerant Beacon Sets in Honeycomb Torus Networks	Libin Bright J M, Simon Raj F
11.42 am	26CHCS 5014	Integrating Generalized Neutrosophic Sets with Computational Models for Smart Decision Applications	B.Kalaiselvi, K.Sivakumar, V G Smilin Shali, P. Kalarani
11.54 am	26CHCS 5015	PM 2.5 Prediction and Remark Classification	Gomti Kumari, Saurav Kumar Saini, Ritu Rani, Poonam Bansal
12.06 pm	26CHCS 5017	All Possible Locations of Beacons in Perfect Honeycomb+e Topology for Efficient Robot Navigation in Wireless Sensor Networks	Abigail M V, Simon Raj F
12.18 pm	26CHCS 5018	Intelligent Heart Disease Risk Assessment through Optimized Machine Learning Frameworks	Deeksha Baweja, Satish Kumar Singh, Arun Kumar Singh
12.30 pm	26CHCS 5051	Enhancing Workability Prediction of Concrete Using Ensemble Machine Learning Models	Rupesh Kumar Tipu & Owais Ahmad Shah

Session 20: EC02 (ONLINE)

Date: 09.01.2026

Time: 10.30 am to 12.40 pm

Session Co-ordinator: Mr. Shashank Kumar

Session Chair(s):

1. Dr. Swati Verma, Shri Shankaracharya Technical Campus, Bhilai
2. Dr. Mangal Singh, Symbiosis Institute of Technology, Pune

Google meet link:<https://meet.google.com/xhd-cijx-zbb>

Time	Paper ID	Paper Title	Author Name(s)
10.30am	26CHEC 1038	Multimodal Transformer-Based Lung Disease Detection and Preventive Health Advisor Using Chest X-rays and Patient Metadata	Thummalapalli Eswar Sai Venkata Prathap, Bhumika Karsh, Ram Kumar Karsh, Madhumita Banerjee
10.54am	26CHEC 1040	DPC-YOLO: Underwater Plastic Pollution Detection Using YOLOv11 with Dark Prior Channel Contrast Enhancement	Rajat Amat, Anurag Sahoo, Mourina Ghosh, Amitava Nag, Robin Pathak
11.06am	26CHEC 1041	ConvStem-ViT: A Vision Transformer Framework for Season-Aware Tea Leaf Disease Prediction	Rajat Amat, Mourina Ghosh
11.18am	26CHEC 1042	Comparative Analysis of Filtering Algorithms for Brain Tumor Image Enhancement	Riya Jacob, Jenkin J Winston
11.30am	26CHEC 1044	Artificial Intelligence Based Hardware Design for Efficient Detection of Cardiac Abnormalities	P. Lubain, J. Dhoulath Beegum, Prakeerth Jisha Madhu Prakash, Muhammed Ameen PM, Rinshad PPK
11.42am	26CHEE 1014	Enhancing EV User Experience with Intelligent Charging Management Using White Shark-Wombat Optimization	Evangelin Jeba J and R. Hariharan
11.54am	26CHEE 1035	A High-Speed, Multimodal Architecture for Real-Time Contextual Voice Assistance	S Pranava Saye, Gangiesh Subburaj, Abishek Poovazhagan, Vinotheni M S
12.06 pm	26CHEE 1036	A Correlation-based Study on Ingredients of Popular Food of Indigenous People of North East and Establishment of Linkage with Ayurveda	Manthan Ghosh, Sushanta Das, Smita Majumder, Swanirbhar Majumder
12.18 pm	26CHEC 1142	FPGA-Based Comparative Analysis of RoBA with Conventional Multipliers	Manisha Meghani, Dileep Gangavath, Nikhil Guguloth, Anuraj V, Preeti Verma, Dhandapani Vaithyanathan
12.30 pm	26CHEC 1143	Study and performance Analysis of Single Precision Floating Point Multiplier for Multimedia Applications	Vardan Kumar, Dhandapani Vaithyanathan, Nitin Singh Singha, Baljit kaur, Preeti Verma, Manish Verma
12.42 pm	26CHEC 1145	Comprehensive Review of Low-Power Flip-Flop Architectures in 18 nm CMOS Technology	Tasneem Kausar, Komal Gupta, Dhandapani Vaithyanathan, Preeti Verma, Rikmantra Basu, Manish Verma, Baljit Kaur