CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY

In Association with

RESEARCH ASSOCIATION OF MASTERS IN ENGINEERING

SECOND INTERNATIONAL CONFERENCE ON
INNOVATIONS IN SCIENCE, HYBRID SYSTEM AND VARIOUS TECHNOLOGICAL ADVANCES
IC-ISHVA 2025

16-17 DECEMBER 2025

PRESENTATION SCHEDULE

DAY – 1, 16 DEC 2025, 10:30 AM – 11:35 AM IST (Indian Standard Time)		
INAUGURAL CEREMONY		
Invited Chief Guest	**Activity**	**ZOOM Link**
Chief Guest **Rev. Fr. Dr. P. S. Varghese** Executive Vice Chairman Christian College of Engineering & Technology, Bhilai, C.G.	Inaugural Ceremony of IC-ISHVA 2025	https://us02web.zoom.us/j/82438649097?pwd=RDawaPNHIbaaaLfwHZsBCnI2pCK0kj.1 Meeting ID: 824 3864 9097 Passcode: 123456

DAY – 1, 16 DEC 2025, 11:45 AM – 1:00 PM IST (Indian Standard Time)		
KEYNOTE SESSION		
Invited Distinguished Speaker	**Topic**	**ZOOM Link**
Dr. Sheetal Dewangan Department of Materials Science and Engineering, Ajou University, Suwon, South Korea	"Development of light weight high entropy alloys via machine learning techniques for high temperature application	https://us02web.zoom.us/j/82438649097?pwd=RDawaPNHIbaaaLfwHZsBCnI2pCK0kj.1 Meeting ID: 824 3864 9097 Passcode: 123456

DAY – 1, 16 DEC 2025, 2:00 PM – 3:30 PM IST (Indian Standard Time)
SESSION 1

Sr. No.	Paper Id	Authors	Title	ZOOM Link
1	003	Deepika Sarwate, Poonam khot, Shravani yelbhar, Manisha kadam	EV vs ICE Market Share in India: A segment-Wise Comparative Analysis (2021-2025)	https://us02web.zoom.us/j/82438649097?pwd=RDawaPNHIbaaaLfwHZsBCnI2pCK0kj.1 Meeting ID: 824 3864 9097 Passcode: 123456
2	006	Sushma.N, N.sandeep Babu	A Comprehensive Study on the Internet of Things (IoT) & its Applications	
3	007	Uttam Kumar Kar, Milan Banerjee, Pushpita Dasgupta , Vinay kumar, P.S. Rao	Intelligent Vibration Prediction of Thermally Stressed Rotating Functionally Graded Beams Using Neural Networks Approach	
4	008	Mrs. Sandhya Signh, Anju Singh	Studies Of Structural, Morphological And Optical Properties Of Green Synthesized Cadmium Oxide Nanoparticles For Biomedical Applications	
5	009	Omkar Mishra, Shikha Agrawal, Prashant Kumar Agrawal, Amrita Banjare	Comprehensive Survey on Gradient Descent and Back propagation Algorithms	
6	011	Alka Karketta, Dr.Vibha Tiwari	Comparative Analysis of Cryptographic Algorithms for Internet of Vehicles	
7	013	Alisha Pravin, Nitish Kumar Sharma, Julekha Bano, Preeti Gupta, Kumar Devanshu Shekhar, Rupesh Mude, Rayon Thomas	StudyHub: A Comprehensive Ed-Tech Platform for Digital Learning and Skill Development	
8	016	Padmini Sharma, Manjusha Silas, Payal Roy, Prachi Dadwe	Detection and Classification of Faults During Power Swings Using the S-Transform and Support Vector Machine	
9	24	Vikas Gadpale, Abhijeet Ganguly, Mukesh Sen	Using taguchi technique the pilot study of machining parameters and to evaluate of variable in the turning operation of Aluminium alloy (Al6463)	

DAY – 2, 17 DEC 2025, 10:30 AM – 11:00 AM IST (Indian Standard Time)

KEYNOTE SESSION

Invited Distinguished Speaker	Topic	ZOOM Link
Dr. Manoj S. Choudhari Department of Materials Science and Engineering, Ajou University, Suwon, South Korea	Advanced Hybrid Thermodynamic Systems Incorporating Hydrogen and Phase Change Materials for Solar Thermal Energy Storage and Utilization.	https://us02web.zoom.us/j/82438649097?pwd=RDawaPNHIbaaaLfwHZsBCnI2pCK0kj.1 Meeting ID: 824 3864 9097 Passcode: 123456

DAY – 2, 17 DEC 2025, 11:15 PM – 01:00 PM IST (Indian Standard Time)

SESSION 2

Sr. No.	Paper Id	Authors	Title	ZOOM Link
1	014	Rahul Kumar, Richa Jha, Sandhya Sahu, Neha Shukla, Shilpa Dutta, Vishakha Patki	"JARVIS"-AI Voice Assistant	https://us05web.zoom.us/j/81006256227?pwd=oYGxzcZak9oKJ7ID7b6wBPG5cDbRrV.1 Meeting ID: 810 0625 6227 Passcode: 15022025
2	015	Nihal Sharma, Abhishek Kumar Tandan, Rupesh Mude, Lincy Mendonza	Potato Leaf Disease Detection using A Convolutional Neural Network Approach	
3	17	Mr. Shashank S.Mishra	Performance Analysis of Flat-Plate Solar Collectors Enhanced with Nanofluids	
4	18	Mr. Vikas Jangde, Dr. Yogesh Tiwari, Prof. Anup Mishra	High-Efficiency PV-Fed Fast Electric Vehicle Chargers: MPPT Methods, Buck Converter Topology and Future Research Directions	
5	19	Preeti Nand Kumar, Pratibha Kurup, Ranjana Dewangan	Use of Chemical Additives in Accelerating the Delignification of Non Wood Pulp	
6	20	Ms. Chandrupa Kashyap, Dr. Manjusha Silas	Modelling and Performance Characteristics of Multistage Buck Converters for Deep Step-Down Applications	
7	21	Trishanku, Ashish Dewangan, Harsh Marcus	Digital Twin of a Three-Phase Transmission Line with Integrated Fire and Fault Monitoring in MATLAB/Simulink: A Review	

DAY – 2, 17 DEC 2025, 1:30 AM – 2:30 PM IST (Indian Standard Time)

CONFERENCE VALEDICTORY

Participant	Activity	ZOOM Link
Chief Guest **Conferencce Chair (RAME)** **Convener & Co-convener** **All Author & Co-authors**	**Announcement of Best Paper Award, Feedback**	https://us05web.zoom.us/j/81006256227?pwd=oYGxzcZak9oKJ7ID7b6wBPG5cDbRrV.1 Meeting ID: 810 0625 6227 Passcode: 15022025