

2023 Third IEEE International Conference on

# Advance in Electrical, Computing, Communication and Sustainable Technologies (ICAECT 2023)

5 to 6 January 2023 | Bhilai, Chhattisgarh, India.



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## Conference Inaugural

The **Third IEEE 2023, annual conference of IEEE MP Section was organized in association with Shri Shankaracharya Technical Campus, Bhilai in hybrid mode.** The theme of the conference was **Advances in Electrical, Computing, Communications and Sustainable Technologies.**

The inaugural program started with a welcome speech by Dr. P. B. Deshmukh, Director of SSTC, Bhilai. He greet and appreciate everyone to be the part of our International Conference. Dr. Shimpy Ralhan, Branch Councilor IEEE Student Branch SSTC and Confrence Head give brief about the conference. She briefed about that the conference received 200 papers out of 60 paper were accepted for presentation under different tracks. Total 6 keynote session and 2 workshop were planned during conference. There were different tracks development and trends in Electrical, Computer Engineering, and promote foster Communication among researcher's and partitioners.



On 5th January The conference inaugural took place. The inauguration was graced by **Prof. Dr. In-Ho Ra** (Professor, from School of Computer, Information and Communication Engineering Kunsan National University Gunsan, South Korea), **Rathin Bhadra** (National President Indian Startup Association), **Dr. S. Thiruvenkadam** (Professor at Vellore Institute of Technology Vellore, Tamil Nadu, India), **Dr. M Murugappan** (Professor, Academic Editor - PLOS ONE & Associate Editor - JMIHI, IJASIS, IJCB of the Department of Electronics and Communication Engineering at Kuwait ), **Dr. Vinayakumar Ravi** (Professor, Academic Editor - PLOS ONE & Associate Editor - JMIHI, IJASIS, IJCB of the Department of Electronics and Communication Engineering at Kuwait, College of Science and Technology), **Sir I. P. Mishra** (Chairman, Shri Gangajali Education Society), **Dr. P.B. Deshmukh** (Director SSTC), **Dr. Shimpy Ralhan**, (Branch Counsellor IEEE SSTC), workshop speakers, and participants.

# Pre Conference tutorial & Workshop

4th January 2023

## Speakers

### -Tutorial title-

*"Edge@IoT: A Novel Approach to 3S ways of IoT"*



**Dr. S. Harivardhagini**

Professor and Head, EIE,  
CVRCE, Vice Chair - IEEE  
Hyderabad Section WIE AG



**Mr. Ramneek Kalra**

Cloud Support Engineer II  
Amazon Web Services Inc.

### Workshop on-

*"MATLAB and Simulink  
Applications in Engineering"*



**Dr. R.N.Patel**

Associate Professor Department of  
Electrical Engineering National  
Institute of Technology Raipur, India

## Conference Keynote Speakers



**PROF. DR. IN-HO RA**  
Professor,  
School of Computer, Information  
and Communication Engineering  
Kunsan National University  
Gunsan, South Korea, 54150



**MR. RATHIN BHADRA**  
National President Indian Startup  
Association



**DR. S. THIRUVANKADAM**  
Professor,  
Vellore Institute of Technology  
Vellore, Tamil Nadu, India



**DR. M MURUGAPPAN**  
Professor,  
Academic Editor - PLOS ONE,  
Associate Editor - JMIHI, IJASIS,  
IJCB, Department of Electronics  
and Communication Engineering,  
Kuwait College of Science and  
Technology (A Private University),  
Kuwait



**DR. VINAYAKUMAR RAVI**  
Associate Professor,  
Center for Artificial Intelligence  
Prince Mohammad Bin Fahd  
University, Khobar, Saudi Arabia



**DR. SHUBHRA MISHRA**  
Assistant Professor,  
Department of Physics,  
Government Naveen College.  
Gudhiyari, Raipur, Chhattisgarh.



**DR. DIPTI BAGHEL**  
Assistant Professor  
Dr. K.C. Baghel Govt. PG College.  
Bhilai-3  
Chhattisgarh, India

# Poster :

2023 IEEE Sponsored Third International Conference on

## Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2023)

05 - 06, January 2023 | Bhilai, Chhattisgarh, INDIA | [www.icaect.com](http://www.icaect.com)

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2023 Third IEEE Sponsored International Conference on

## Advances in Electrical, Computing, Communications & Sustainable Technologies

Publications

The proceedings of IEEE ICAECT 2023 will be forwarded for inclusion in IEEE Xplore.

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Electrical and Electronics Engineering  
Shri Shankaracharya Technical Campus (SSTC)  
Bhilai, Chhattisgarh, INDIA

Publication of previous editions  
Proceedings of the previous editions (2021 & 2022)  
have been published in IEEE Xplore.

# Conference

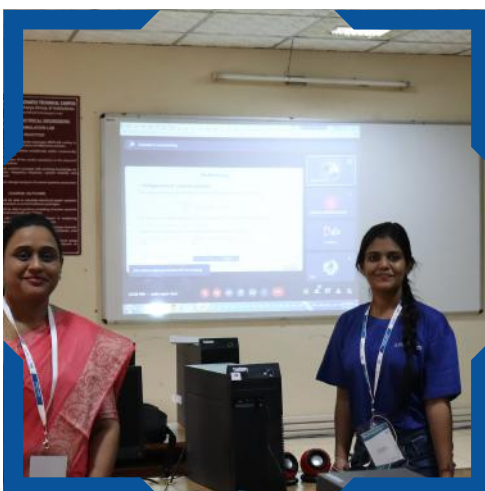
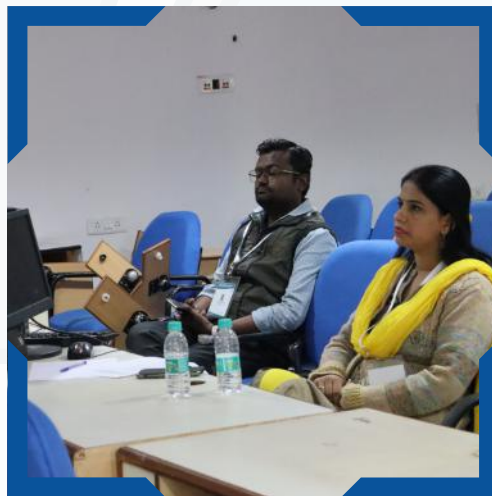
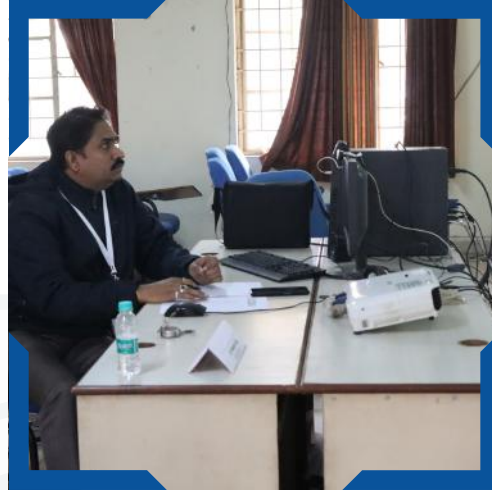
Third IEEE International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2023) scheduled to be held at Shri Shankaracharya Technical Campus (SSTC), Bhilai, Chhattisgarh, India during 05 - 06, January 2023. The ICAECT 2023 aims to offer a great opportunity to bring together professors, researchers and scholars around the globe a great platform to deliver the latest innovative research results and the most recent developments and trends in Electrical, Electronics and Computer Engineering and Technology fields. The conference will feature invited talks from eminent personalities all around the world, pre-conference tutorial/workshops and referred paper presentations. The vision of ICAECT 2023 is to promote foster communication among researchers and practitioners working in a wide variety of the above areas in Engineering and Technology. ICAECT 2023 is technically sponsored by IEEE Inc., USA and technically co-sponsored by IEEE Madya Pradesh section. The proceedings of ICAECT 2023 will be forwarded for the inclusion in the IEEE Explore, the digital library of IEEE which is indexed in Scopus.

Shri Shankaracharya Technical Campus, an insignia among the technical institutions in the region is the first Technical Campus in India to be named after Adi-Shri Shankaracharya and blessed by all present Jagadgurus. One of the College was commissioned in the year 1999 as Shri Shakaracharya College of Engineering and Technology (later converted along with other technical institutions and approved by AICTE into Technical Campus in the name and style of Shri Shankaracharya Technical Campus) with the goal of providing education in Engineering and Management, a close interaction with the industry, and a strong emphasis on research. SSTC is a place where we celebrate youth and exuberance and attempt to instil in students a sense of social responsibility, human values and concern for environment. We not only strive to train the students to become excellent scientists, technologists, thinkers and leaders of the society, but also help them to mould themselves into better human beings.

## Some Glimpse of Inauguration



# Event Photos





Third Edition of IEEE International Conference on Advance in Electrical, Computing, Communication and Sustainable Technologies (ICAECT 2023)



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Technologies (ICAECT 2023)**

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### Program Schedule

Date	Time	Event
04.01.2023	10.30 am to 4.30 pm	<p style="text-align: center;"><b>Pre-Conference Tutorial</b></p> <p style="text-align: center;"><b>Edge@IIoT: A Novel Approach to 3S ways of IoT</b>  <b>Dr. S. Harivardhagini</b>, <i>Professor and Head, EIE, CVRCE,</i>  <i>Vice Chair - IEEE Hyderabad, Section WIE AG &amp;</i>  <b>Mr. Ramneek Kalra</b>  <i>Cloud Support Engineer I   Amazon Web Services Inc.</i></p> <p style="text-align: center;">/</p> <p style="text-align: center;"><b>Workshop</b></p> <p style="text-align: center;"><b>MATLAB and Simulink Applications in Engineering</b>  <b>Dr. R.N.Patel</b>  <i>Associate Professor, Department of Electrical Engineering,</i>  <i>National Institute of Technology, Raipur, India</i></p>
05.01.2023	10.00 am	Inaugural Function_ICAECT 2023
05.01.2023	10.30 am	<p style="text-align: center;"><b>Keynote 1: Prof. Dr. In-Ho Ra</b>  <i>Professor, School of Computer, Information and  Communication Engineering, Kunsan National University  Gunsan, South Korea, 54150</i></p> <p style="text-align: center;">/</p> <p style="text-align: center;"><b>Dr. Dipti Baghel</b>  <i>Dr. K.C. Baghel Government PG College Bhilai - 3,  Chhattisgarh India</i></p>
05.01.2023	11.00 am	<p style="text-align: center;"><b>Keynote 2: Mr. Rathin Bhadra</b>  <i>National President Indian Startup Association</i></p> <p style="text-align: center;">/</p> <p style="text-align: center;"><b>Dr. Shubhra Mishra</b>  <i>Department of Physics, Government Naveen College.  Gudhiyari, Raipur, Chhattisgarh.</i></p>
05.01.2023	11.30 am to 04.30 pm	Session : ICAECT(PHYSICAL MODE)
		Session : EE01(ONLINE)
		Session : EE02(ONLINE)
		Session : EC01(ONLINE)
		Session : EC02(ONLINE)
		Session : CS01(ONLINE)

		Session : CS02(ONLINE)
		Session : CS03(ONLINE)
		Session : CS04(ONLINE)
06.01.2023	10.00 am	<b>Keynote 3: Dr. S. Thiruvenkadam</b> <i>Professor, Vellore Institute of Technology Vellore, Tamil Nadu, India</i>
06.01.2023	10.30 am	<b>Keynote 4: Dr. M. Murugappan</b> <i>Professor, Department of Electronics and Communication Engineering, Kuwait College of Science and Technology (A Private University), Kuwait</i>
06.01.2023	11.10 am to 04.20 pm	Session : EE03(ONLINE)
		Session : EC03(ONLINE)
		Session : EC04(ONLINE)
		Session : CS05(ONLINE)
		Session : CS06(ONLINE)
		Session : CS07(ONLINE)
		Session : CS08(ONLINE)
06.01.2023	04.30 pm	Valedictory Session

### Session Tracks - Notation

CS - Computer Science & Engineering

EE - Electrical Engineering

EC - Electronics & Communication Engineering

Note:

1. Start time given above indicates Indian Standard Time (IST).
2. Presentation will be conducted using Google Meet.
3. Mode of presentation should be powerpoint presentation(ppt or pptx)
4. There is no specific template for the presentation. Authors can use their own templates.
5. Duration of presentation: 10 minutes (presentation) + 5 minutes (Queries)
6. Participant using Google Meet will be admitted at any time 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 In-Charges for presentation related queries.
9. If any problem connecting to session, please text to the respective session In-Charges (Or) ICAECT Whatsapp group during presentation date(s).

**Session: ICAECT (PHYSICAL MODE)**

Date: 05.01.2023

Time: 11.30 am to 05.00 pm

Session In-charge : Mr. Rahul Pandey

Venue: Seminar Hall -1, Shri Shankaracharya Technical Campus, Bhilai

Time	Paper ID	Paper Title	Author(s)
11.30 am	23CHCS 4055	Speech Analysis of Chhattisgarhi Dialects using Wavelet Transformation and Mel Frequency Cepstral Coefficient	Madhuri Gupta, Megha Mishra, Jaspal Bagga, Vishnu Mishra
11.50 am	23CHEE 1076	A Study on High-Frequency Transformer Design With Different Core Configurations for Flyback Converter Topology	V.Vignesh Kumar, Raghavendra Rao P, Amulya Vangapally, B.Venkatesa Perumal,
12.10 pm	23CHEE 1077	Fuzzy Logic Based Totem Pole-PFC Converter	Md. Firoze Khaza, Siddharth Thakur, B Venkatesaperumal, Nagendrappa H
12.30 pm	23CHEE 1078	Optimal Placement of Distributed Energy Resources and Shunt Capacitors with Consideration of Existing On-line tap changer using Honey Badger Optimization	A.A. Iyer, C.D. Patel
12.50 pm	23CHEE 1074	Electrical Load Forecasting based on Multiple Regression using Excel Tools	Rashmi Bareth, Matushree Kochar, Anamika Yadav
02.00 pm	23CHEE 2021	Efficiency Optimization of Vector Controlled Induction Motor Drive by Field Orientation Technique	Suchita Roy, Rahul Pandey
02.20 pm	23CHEE 2025	FSPV- grid integrated system for efficient electrification of industrial subsections with grid price sensitivity analysis	Tanu Rizvi, S. P. Dubey, Nagendra Tripathi, S. P. Makhija
02.40 pm	23CHEE 2026	Design and Optimization of Grid Integrated Renewable Energy System	Swati Nirmal, Tanu Rizvi, Devanand Bhonsle

**Session: EE01**

Date: 05.01.2023

Time: 11.30 am to 04.40 pm

Session In-charge : Ms.Tanu Rizvi

Session Link : <https://meet.google.com/euw-wpcr-baz>**Session Chair(s):**

1. Dr. K. Dhayalini, Professor/EEE, K. Ramakrishnan College of Engineering, Trichy
2. Dr. Shimpy Ralhan, Professor/EEE, Shri Shankaracharya Technical Campus

Time	Paper ID	Paper Title	Author(s)
11.30 am	23CHEE 1003	Subsynchronous Resonance Mitigation in SMIB System Using GCSC and TCSC with Conventional and Fuzzy Logic Controllers	J. Sreeranganayakulu, K. Harinath Reddy, P. Sujatha
11.50 am	23CHEE 1005	Development of Hut Shaped Solar Photo Voltaic System with Rotating Convex Lens And Concave Mirror Mechanism	B. Pakkiraiah, E. Satyanarayana, G. Durgasukumar, M. Rekha, P. Srividya Devi, P. Praveen Kumar
12.10 pm	23CHEE 1006	Design of Bidirectional Resonant Push–Pull DC–DC Converter for Electric Vehicle	M Murali, D Kesavan, Arulmozhiyal R, Thirumalini P
12.30 pm	23CHEE 1009	Controller Design for Hybrid AC/DC Microgrid System with Renewable Sources and Motor Loads	Sachidananda Sen, Shriram S. Rangarajan, Chandan Kumar Shiva, B. Vedik, Ritesh Kumar, Shruthi N
12.50 pm	23CHEE 1020	Cooperative Spectrum Sensing based Hybrid Smart Home Energy Management System with Energy Harvesting	Suvaditya Majumdar, Chandrima Thakur, Sangaa Chatterjee
02.20 pm	23CHEE 1031	Loss Reduction and Voltage Profile Improvement in Utility Grid Using Optimal Restructuring of Transmission Network	Pramod Kumar, Nagendra Kumar Swarnkar, Om Prakash Mahela
02.40 pm	23CHEE 1032	Renewable Energy System Based on Cellular Base Stations Application	Inam Abbas Razooqi AL-SADDAEE, Bassam Zayer Salman AZZAWI, Murat ARI

Program Schedule of ICAECT 2023

03.00 pm	23CHEE 1035	An investigation into faults of PV system using machine learning: A systematic review	Ali S. Zamzeer, Mansour S. Farhan, Haider TH. Salim ALRikabi
03.20 pm	23CHEE 1041	Fault Ride Through Mitigation of Grid tied PV Plant under the condition of voltage Sag	Aman Saxena, Arvind Kumar Sharma
03.40 pm	23CHEE 1042	Efficient study of Aerodynamic Characteristics over NACA 0012 at 1000 Reynolds number using subparametric transformations in Micro Air Vehicle application	Chandan K, K. V. Nagaraja, Supriya Devi
04.00 pm	23CHEE 1046	Thermo-hydraulic performance of electronic chip cooling through micro-channel heat sink with ribs and cavities on side wall	Vasujeet Singh, Pruthiviraj Nimalipuri, Vivek Vitankar, Harish Chandra Das
04.20 pm	23CHEE 1051	Design and Development of a People Counting System	Lankesh V, Shama Ravichandran, Suresh R



**Session: EE02**

Date: 05.01.2023

Time: 11.30 am to 04.20 pm

Session In-charge : Ms. Simardeep Kaur

Session Link : <https://meet.google.com/hch-roba-bsm>**Session Chair(s):**

1. Dr. Febina Beevi, Professor & Head/EEE, MEA Engineering College.
2. Dr. Naveen Goel, Professor & Head/EEE, Shri Shankaracharya Technical Campus

Time	Paper ID	Paper Title	Author(s)
11.30 am	23CHEE 1061	Identification of Hopf Bifurcation Point Using Small Signal Stability Analysis in a Power System with Increased Load and Generation	Ghousul Azam Shaik, Lakshmi Devi Aithepalli
11.50 am	23CHEE 1062	Temperature Dependence of Permittivity and Dissipation Factor of Potassium dihydrogen arsenate crystal using Green function formalism	Riya Upadhyay, SC Bhatt
12.10 pm	23CHEE 1066	Design and Implementation of Modified SEPIC, ZETA, Cuk, Quasi Z-Source Converter for BLDC Drive System - A Comparative Analysis	Praveenkumar Chandran, Aswin Chentilkumar, Giriprasath Uthayakumar, Hariharan Babu
12.30 pm	23CHEE 1067	Modern Techniques of Power System Analysis with Intelligent System	Sandeep Ratnadeep Kadam, A.M.Mulla
12.50 pm	23CHEE 1070	COMSOL FEA Modeling of Square and Circular coil for Inductive Power Transfer in Electric Vehicle Systems	S.Balaji, P.Deiva Sundari
02.20 pm	23CHEE 1072	Speed Control of BLDC Motor using Integral Sliding Mode Controller	Omkar Dange, Nilam Patil, Swapnil Gadgune, Rajin M Linus
02.40 pm	23CHEE 1099	Satin Bower Bird Algorithm Based Solar Photovoltaic System	N.Naga Sai Kaushik, Paruchuri SRINIVAS, S.V.K.D.Krishna Chetan, P Yuva Teja, S.Harish
03.00 pm	23CHEE 2015	Catalytic activity of copper electrodes coated with nickel foam, iron and cobalt oxides and hydroxides in highly alkaline alcoholic media	Tarantseva K, Korostelyova A, Tarantsev K, Polyanskova E

03.20 pm	23CHEE 1082	Smart Controller IoT based for Electric Vehicles	Goteti Sai Navyasri, Bandaru Nanda Krishna, Pamidi Sai Manideep, V.S.Kirthika Devi
03.40 pm	23CHEE 1089	Performance evaluation of 445 wp half cut Mono crystalline solar panel with 380wp Mono crystalline and 330wp Poly crystalline solar panel for partially shading effect	Shital. S. Kewte, Shashikant G. Kewte
04.00 pm	23CHEE 1098	Integrated Heuristic Approaches to get Maximum Power from Fixed and Moving PV Solar Panel	GopiKrishna Pasam, Rajababu Natarajan, Rashid Said Rashid Alnamani, Sara Mohammed Abdallah Al- Alawi, Sameya Amur Mohammed Al- Sulaimi

**Session: EC01**

Date: 05.01.2023

Time: 11.30 am to 05.00 pm

Session In-charge : Ms. Swati Verma

Session Link : <https://meet.google.com/tff-saeo-ivr>**Session Chair(s):**

1. Dr. Mangal Singh, Associate Professor, Symbiosis Institute of Technology
2. Dr. Vinay Kumar Jain, Professor & Head/ETC, Shri Shankaracharya Technical Campus

Time	Paper ID	Paper Title	Author(s)
11.30 am	23CHEC 1007	Design of analog pressure transmitter (4-20 mA) for fast reactors	Shri Vidhatri M M, M.Sivaramakrishna, S.Chitrakkumar
11.50 am	23CHEC 1009	LTE transceiver modeling in MATLAB Simulink	Fatima Faydhe Al-Azzawi, Israa Ali Abdulghafor
12.10 pm	23CHEC 1011	Convolution Neural Network based Hand Gesture Recognition System	Shalvee Meshram Roshan Singh Prashant Pal Shashank Kumar Singh
12.30 pm	23CHEC 1012	Conceptual Mechatronics Design and Prototyping of Autonomous Inverted Pendulum-System applied on Two-Wheeled Mobile Robot	Walter Vega, Juan Diego Garc�a, Karl Mollan, Kevin Mori, Anthony Solis, Jordy Machaca, Jos� Cornejo
12.50 pm	23CHEC 1018	A CPW Fed Hexagonal Patch Frequency Reconfigurable Antenna For Multiple Applications	Prem Nath Suman, Gajendra Kant Mishra
02.20 pm	23CHEC 1019	Effect of Simulated Microgravity on the Cultivation of Cherry Tomatoes in Perlite Enriched with Slow-Release Chemical Fertilizers: Automation Engineering Proposal and Methodology	Ricardo Barreto, Jos� Cornejo, Diego Orihuela Tacuri, Juan Carlos Su�rez Quispe, Jorge A. Cornejo-Aguilar, Mariela Vargas.
02.40 pm	23CHEC 1024	An Overview of material study in robotic hand using finite element approach	Harshini Pothina, K V Nagaraja and Chandan K
03.00 pm	23CHEC 1026	Radio Frequency Controlled Hexapod Robot with Bioinspired Kinematic Configuration used for Rescue Activities after Landslides in Urban Areas	Jos� Carlos Borja, Ricardo Palomares, Jos� Cornejo, Robert Castro
03.20 pm	23CHEC 1027	Mechatronic Conceptual Design and Kinematic Analysis of Serial-Type Robotic Exoskeleton for Assisted Rehabilitation Therapy on Upper Limbs	Jean P. Quezada, Kevin S. Cabrera, Jos� Cornejo, Ricardo Palomares, Jorge A. Cornejo-Aguilar, Mariela Vargas

03.40 pm	23CHEC 1048	A typical Anchor-Shaped Narrowband SIW based Circular Cavity- backed Slot Antenna for Indoor/Outdoor WLAN Applications	Rimi Sengupta Soumen Banerjee Monojit Mitra
04.00 pm	23CHEC 1050	Deformation Analysis of Aluminium	Kavita Tewari, Mayank Bhate, Madhurima Tamhankar
04.20 pm	23CHEC 1058	Diagnosis of Retinopathy in Patients Diabetes	Safa Majid Mohammed, Zainab jaffer Ali, Shahad Suhail Najam
04.40 pm	23CHEC 1062	Comparison of Efficiencies using Thermal Characteristics of Different PV Materials Using ANSYS	M Balaji, A Yasmine Begum, C. Jayasaradhi Reddy, D Charunya, G Mahesh

**Session: EC02**

Date: 05.01.2023

Time: 11.30 am to 04.40 pm

Session In-charge : Mr. Rahul Baghel

Session Link : <https://meet.google.com/icb-ksun-abt>**Session Chair(s):**

1. Dr. Dr. Rajkumar Jhapte, Shri Shankaracharya Technical Campus, Bhilai

Time	Paper ID	Paper Title	Author(s)
11.30 am	23CHEC 1030	Hand X-ray Image Processing System for the early detection of Rheumatoid Arthritis	Rosa Perez-Siguas, Eduardo Matta-Solis, Anika Remuzgo-Artezano, Hernan Matta-Solis, Hernan Matta-Perez, Luis Perez-Siguas
11.50 am	23CHEC 1031	Chest X-ray Imaging System for Early Detection of Tuberculosis	Rosa Perez-Siguas, Eduardo Matta-Solis, Anika Remuzgo-Artezano, Hernan Matta-Solis, Hernan Matta-Perez, Luis Perez-Siguas
12.10 pm	23CHEC 1032	Pathology Detector System in the Bronchopulmonary System of Asthmatic patients visualized through a radio frequency of the chest	Rosa Perez-Siguas, Eduardo Matta-Solis, Anika Remuzgo-Artezano, Hernan Matta-Solis, Hernan Matta-Perez, Luis Perez-Siguas
12.30 pm	23CHEC 1034	Automatic Fall Detection system for patients with Parkinson's disease	Rosa Perez-Siguas, Eduardo Matta-Solis, Anika Remuzgo-Artezano, Hernan Matta-Solis, Hernan Matta-Perez, Luis Perez-Siguas
12.50 pm	23CHEC 1035	Thermal Image Processing System for the measurement of body temperature using a Drone	Rosa Perez-Siguas, Eduardo Matta-Solis, Anika Remuzgo-Artezano, Hernan Matta-Solis, Hernan Matta-Perez, Luis Perez-Siguas
02.20 pm	23CHEC 1041	Portable blood glucose meter system for self-monitoring of diabetic patients	Rosa Perez-Siguas, Eduardo Matta-Solis, Anika Remuzgo-Artezano, Hernan Matta-Solis, Hernan Matta-Perez, Luis Perez-Siguas

02.40 pm	23CHEC 1044	Digital Imaging system for the Detection of Diabetic Retinopathy	Rosa Perez-Siguas, Eduardo Matta-Solis, Anika Remuzgo-Artezano, Hernan Matta-Solis, Hernan Matta-Perez, Luis Perez-Siguas
03.00 pm	23CHEC 1063	Effect of Power Supply Noise on Logical Reliability of MOS based Circuits	Debajit Deb, Ghungur Bhaumik, Udayan Chakraborty
03.20 pm	23CHEC 1066	Mechatronic Design and Kinematic Analysis of an Unmanned Aerial Vehicle: Hexacopter for Medical Support in Rural-Remote Areas	Diego Alejandro Martinez Prinz, Omar Jesus Zevallos Villanueva, José Cornejo, Ricardo Palomares, Jorge A. Cornejo-Aguilar, Mariela Vargas
03.40 pm	23CHEC 1068	Hospital Appointment Management System for Telemedicine System Reinforced with Diagnostic Data Transfer	Rawan Nasser Al Siyabi, Manal Rashid Al Hattali, Basma Abdullah Al Kharusi, Jahina Rashid Al Abri, Bindu Puthentharayil Vikraman, Vanitha Mahadevan, and Betala Rakesh
04.00 pm	23CHEC 1069	Analog circuit fault analysis and feature extraction using hardware in loop simulation methodology using LabVIEW	B Aravind balaji, S Sasikumar
04.20 pm	23CHEC 1072	CCDF measurement with Multi Impairment of Wi-Fi 6 performance using MATLAB Simulink	Fatima Faydhe Al-Azzawi, Zainab Faydhe Al-Azzawi, Rasha Hassan Abbas, Inam Abdullah Lafta

**Session: CS01**

Date: 05.01.2023

Time: 11.30 am to 05.00 pm

Session In-charge : Mr. Pradeep Singh

Session Link : <https://meet.google.com/kof-suyi-qzk>**Session Chair(s):**

1. Dr. Neelam Chaplot, Manipal University, Jaipur
2. Dr. Abha Choubey, Shri Shankaracharya Technical Campus, Bhilai

Time	Paper ID	Paper Title	Author(s)
11.30 am	23CHCS 1003	A Bengali Word Identification and Verification Using Machine Learning Approach	MD. Shakibul Hasan, Mohammad Abu Nadif, MD. Nasim Bin Rahman, Masud Rana
11.50 am	23CHCS 2086	An exploratory study on how release management practices minimize the impact factors affecting software releases	Charan Sai Raja Vennakandla, Sadia Riaz, Anish Roy Chowdhury
12.10 pm	23CHCS 1017	Conceptual Design of an Automated Irrigation and Fixation System for Long-Term Crop Care of Cherry Tomatoes for Applications in Microgravity Machines	Ricardo Barreto, José Cornejo, Juan Carlos Suárez Quispe, Carlos Nina Ochoa, Diego Orihuela Tacuri.
12.30 pm	23CHCS 1019	Comparative study of Deep Learning Models for Covid 19 Diagnosis	Jagadishwari V, Shobha N
12.50 pm	23CHCS 1024	Random Forest Regressor Approach for Predicting Resale Value of used Vehicles (RFRVP)	Milind Rane, Mandar Patil, Nikhil Rane, Amruta Amune
02.20 pm	23CHCS 1027	Improved Double-Level Blending Model (IDLBM): Customer Churn Estimating in Insurance Industry	Nagaraju Jajam, Nagendra Panini Challa, KSL Prasanna
02.40 pm	23CHCS 1033	A Comparative Survey of Maize Leaf Diseases using Pre-Trained Convolutional Neural Networks	K. Kanchanadevi, G. K. Sandhia
03.00 pm	23CHCS 1034	A New Hybrid Model ARFIMA-LSTM Combined with News Sentiment Analysis Model for Stock Market Prediction	Satyaveer, Prashant Patel, Harish Chandra, Prashant Pal, Shashank Kumar Singh
03.20 pm	23CHCS 1042	Chromatic Partitioning of a Network and an Optimum Scheduling Problem	Meera Sony, Manjusha R

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03.40 pm	23CHCS 1046	Comparison of Performance of Machine Learning Algorithms for Diabetes Detection	Pranav Dalve, Dyuti Bobby, Abha Marathe, Atharva Dusane, Shreya Daga
04.00 pm	23CHCS 1050	Bi-LSTM-LDA– A Topic Modelling Technique to Identify the Relevant Law for Indian Legal Cases	N Sivaranjani, J Jayabharathy
04.20 pm	23CHCS 1059	AI Algorithm for Image Enhancement	Milind Rane, Mukund Kulkarni, Anirudha Dalvi, Anvay Kulkarni, Akash Singh, Ameya Bhave, Vhanneshwar Arawat
04.40 pm	23CHCS 1067	MMD Labeling for EASS of Jelly Fish Graph	P. Kalarani, R. Revathi
05.00 pm	23CHCS 3027	IMD based cluster head selection for WSN	A.Narenthirakumar Appavu, C.Nelson Kennedy Babu



**Session: CS02**

Date: 05.01.2023

Time: 11.30 am to 05.00 pm

Session In-charge : Ms. Archana Senapati

Session Link : <https://meet.google.com/vcr-nghp-zdp>**Session Chair(s):**

1. Dr. Dipti Chauhan, Professor, Computer Science and Engineering & AI-DS, PIEMR Indore
2. Dr. Megha Mishra, Shri Shankaracharya Technical Campus, Bhilai

Time	Paper ID	Paper Title	Author(s)
11.30 am	23CHCS 1068	Fine - Grained Sentiment Analysis on Online Reviews	Krosuri Lakshmi Revathi, Aravapalli Rama Satish, Popuri Srinivasa Rao
11.50 am	23CHCS 1071	An Effective Energy-Based Data Collection Method to Extend WSN Lifetime	A.Mohanraj, M.Rameshkumar, V.Radha, S.Sreeraj
12.10 pm	23CHCS 1074	Textual Analytics on 'Azadi Ka Amrit Mahotsav' : Exploring Indian citizens' ideas for achieving Aatmanirbhar Bharat	I.B.N. Himabindu, S. Venkatramana Reddy, V.V.Haragopal, and B.Sarojamma
12.30 pm	23CHCS 1076	An Approach To Predict And Classify Retinopathy Stages In Diabetic Patients Using Deep Learning	V.Vasudha Rani, Anupama V, M.Santosh
12.50 pm	23CHCS 1078	Prediction of Air Pollution using Deep Learning based LSTM and CNN Model	Gaurav Kunwar, Rashmi Jha
02.20 pm	23CHCS 1081	Intelligent Recognition of Ancient Brahmi Characters using Transfer Learning	Preethi P, Mamatha H R
02.40 pm	23CHCS 1090	Distributed Self Fault Outlier Detection in Wireless Sensor Network Based on Machine Learning	Bhabani Sankar Gouda, Manjushree Nayak, SapnaSingh Kshatri, Devanand Bhonsle, RPS Chauhan
03.00 pm	23CHCS 1091	Comparative Study and Performance Analysis of Deep Neural Networks for Sign Language Recognition using Transfer Learning	Soumya Khurana, R Sreemathy, Mousami Turuk, Jayashree Jagdale
03.20 pm	23CHCS 1095	Logistic Multilayer Perceptron Neural Network Classification based Driving Behavior Prediction through Vehicle Motion Data	M. Shyamala Devi, R. Ranjani

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03.40 pm	23CHCS 1096	Cloud Integration in the Educational Sector Using Amazon Web Services	Parul Dubey, Arvind Kumar Tiwari
04.00 pm	23CHCS 1097	An Expert Uncertainty in Healthcare Using Materialized View through Big-Query	Popuri Srinivasa Rao, Aravapalli Rama Satish, Krosuri Lakshmi Revathi
04.20 pm	23CHCS 1098	Feature extraction based ensemble stacking for combating cyber threat in phishing URLs	Dasari Siva Krishna, Routhu Srinivasa Rao, Tutika Lavanya, Renuka Kola, Samhita Pedaprolu, S K Sadhik Basha
04.40 pm	23CHCS 1099	Traffic Sign detection using Deep Learning Techniques	P Someswari, R Cristin, T Daniya
05.00 pm	23CHCS 2001	Social Distance and Face Mask Detection using vision-based sensors and IP cameras	A. Vineela, G. Lavanya Devi, G. Vinay Deekshit

**Session: CS03**

Date: 05.01.2023

Time: 11.30 am to 05.00 pm

Session In-charge : Ms. Ankita Jaiswal

Session Link : <https://meet.google.com/hyz-quek-fmq>**Session Chair(s):**

1. Dr. V. Elango, CMR Institute of Technology, Bangalore
2. Dr. Samta Gajbhiye, Shri Shankaracharya Technical Campus, Bhilai

Time	Paper ID	Paper Title	Author(s)
11.30 am	23CHCS 2002	Network Flow Algorithms- a Comparison of Routes of a Delivery Boy	Sathidevi.C, Nayana Madhu
11.50 am	23CHCS 2005	Ischemic Heart Disease Prediction Using Machine Learning and Deep Learning Techniques	Kadiyala Likitha Chowdary, Tummala Sai Lasya, Boppana Akhil, G Kalyani
12.10 pm	23CHCS 2006	In Search of a Suitable Epoch Value for the Optimum Result in Image Captioning	Sourav Dinda, Alok Ranjan Pal, Antara Pal
12.30 pm	23CHCS 2009	An Approach to Loan Approval prediction Using Boosting Ensemble Learning	Chintam Anusha, Rajendra Kumar G, M.A.Praveen
12.50 pm	23CHCS 2010	Brain Cancer Classification using MR Images Based on VGG-19 Feature Extraction and Ensemble Classifier	Chintam Anusha, Rajendra Kumar G, Praveen M.A
02.20 pm	23CHCS 2015	An Offline Signature Verification Using Deep Convolutional Neural Networks	Shubhangi Sanjay Rokade, Saurabh Bansod, Shashank Kumar Singh, Prashant Pal
02.40 pm	23CHCS 2016	A Chinese-European Standard Protocol Converter for Charging Piles	Xiaolin He, Lvming He, Kanghua Luo, Zhaoyun Zhang
03.00 pm	23CHCS 2019	Mobile Application for Agribusiness Crops Transport Vehicle Reservation with First Come First Served Algorithm	Ginanjari Wiro Sasmito, Slamet Wiyono, Edy Irwansyah, Derwin Suhartono
03.20 pm	23CHCS 2025	Developing an Online Platform for Multimodal Lexical Learning for the Bengali Learners	Niladri Sekhar Dash, Srija Deb, Nirnoy Dutta, Meghna Majumder, Amrita Bhattacharyya, Subhadip Mondal, Alok Ranjan Pal
03.40 pm	23CHCS 2030	A Novel Approach to Text Summarization of Document using BERT Embedding	Kumkum S. Adwani, P.P.Shelke

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04.00 pm	23CHCS 2032	Customer Segmentation using Machine Learning	Razia Sulthana A, Anukriti Jaiswal, Supraja P, Sairamesh L
04.20 pm	23CHCS 2036	MMD labeling of W5 corona with 2m copies of W5	Varunapriyan K, Revathi R, Angel D, Iranian D
04.40 pm	23CHCS 2037	GAN-Based Data Imbalance Techniques for ECG Synthesis to Enhance Classification Using Deep Learning Techniques and Evaluation	Shaik Janbhasha, S Nagakishore Bhavanam, Kalva Harshita
05.00 pm	23CHCS 2039	Proposed Convolution Architecture for Monkeypox Detection using Dermoscopy Images	Rahul Singh, Avinash Sharma, Vatsala Anand, Sheifali Gupta

**Session: CS04**

Date: 05.01.2023

Time: 11.30 am to 05.00 pm

Session In-charge : Mr. Rajeshwar Dewangan

Session Link : <https://meet.google.com/nss-uxsd-ozo>**Session Chair(s):**

1. Dr. Shrikant Tiwari
2. Dr. Devanand Bhonsle, Shri Shankaracharya Technical Campus, Bhilai

Time	Paper ID	Paper Title	Author(s)
11.30 am	23CHCS 2040	Fault Detection In Bottle Caps And Label Alignment Using Convolutional Neural Network	Sapana Indarchand Tatu, Saurabh Bansod, Shashank Kumar Singh, Prashant Pal
11.50 am	23CHCS 2041	Improving Fault Tolerance and Tackling Broker Failure in MQTT through Blockchain	Gita Alekhya Paul, Yashvardhan Jagnani, P Supraja
12.10 pm	23CHCS 2044	Feature Selection Method Based On GWO-PSO for Coronary Artery Disease Classification	Eluri Rama Krishna, Nagaraju Devarakonda
12.30 pm	23CHCS 2047	Heart Disease Prediction using Reinforcement Learning Technique	Kamepalli S L Prasanna, Nagendra Panini Challa, Jajam.Nagaraju
12.50 pm	23CHCS 2048	Classification of Malaria cell images using Deep Learning Approach	Suraksha S, Santhosh C, Vishwa B
02.20 pm	23CHCS 2051	Vehicle with Learning Capabilities: A Study on Advancement in Urban Intelligent Transport Systems	Mayuri Kundu, Binduswetha Pasuluri, Argha Sarkar
02.40 pm	23CHCS 2054	Phishing Website Detection using Hyper-parameter Optimization and Comparison of Cross-validation in Machine Learning Based Solution	K. Subashini, V. Narmatha
03.00 pm	23CHCS 2056	Brain Tumor Diagnosis Using CNN	Shoibam Amritraj, Jhalak Mahendra, C. Pretty Diana Cyril
03.20 pm	23CHCS 2057	Voiced Subordinate for Visually Impaired in record maintenance with Proximal Object Recognition and Voice Assistant Framework	S.Sajini, B.Pushpa
03.40 pm	23CHCS 2059	Violence Detection in Real Life Videos using Deep Learning	Bhaktram Jain, Aniket Paul, P Supraja

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04.00 pm	23CHCS 2061	User-centric application with a Global Positioning System for regular and emergency medical care	P. Sreelatha, Anush S, Tamilselvan A, Vijay M
04.20 pm	23CHCS 2063	Machine learning Approaches for Detecting Dorsolateral Oscillatory Region (DLOR)	Hemanta Kumar Bhuyan, Biswajit Brahma, P Subba Rao, S. Nyamathulla
04.40 pm	23CHCS 2064	Image Synthesis using Ensemble of Loss Functions: A Comparative Analysis using GAN Architecture	Parismita Sarma, Joseph Kiran Chayengia, Gitarthi Gogoi
05.00 pm	23CHCS 2068	Feature Extraction and Classification Based on Pixel in Banana Fruit for Disease Detection Using Neural Networks	T. Mahendran and K. Seetharaman

**Session: EE03**

Date: 06.01.2023

Time: 11.10 am to 04.20 pm

Session In-charge : Ms.Tanu Rizvi

Session Link : <https://meet.google.com/euw-wpcr-baz>**Session Chair(s):**

1. Dr.P.Sakthivel, Professor & Head/EEE, Velalar College of Engineering & Technology
2. Dr. Mahesh Singh, Shri Shankaracharya Technical Campus, Bhilai

Time	Paper ID	Paper Title	Author(s)
11.10 am	23CHEE 2005	Comparison and Power Loss Assessment of 1 $\phi$ Grid-Tied Non-Isolated Inverters	Rushikesh S. Shahakar Kawita D. Thakur Nutan S. Thakare
11.30 am	23CHEE 2010	Revelation of Unanticipated Problems during Condition Assessment Study in Modern Large Generators	P.G.S. Kumar; D. Santhosh Kumar; K. Malla Reddy
11.50 am	23CHEE 2011	Load Frequency Control using PID Algorithm in Multiarea of Power System for Uncertain Load Conditions	Hera Khan, Arun Kumar Maurya, Sarika Kalra, Hemant Ahuja
12.10 pm	23CHEE 2012	Development of a three-level soft switching topology for renewable energy applications with multiple operating modes	J. Barsana banu, T. Deepika vinothini, R. Karthigaivel, J. Jeyashanthi
12.30 pm	23CHEE 2016	Integrated Single Phase Charger for Electric Vehicle Using Dual Inverter Drive	Bangari Rajesh, K Anuradha
02.00 pm	23CHEE 2017	Maximum Efficiency Tracking of a Three-coil Inductive Power Transfer System for Wireless EV Battery Charging Applications	Ali Reza Galib, Md Rahan Chowdhury, Ali Mohammed Jobayer, Md Shamimul Islam, Sagar Hossain, Md Najmul Isalm
02.20 pm	23CHEE 2018	Optimal Control of Solar PV Fed EV Charging Station Using PSO Algorithm	R.Chandrasekaran, S.Karthikkumar, A.Sheela and Sakthivel Santhanam
02.40 pm	23CHEE 2019	A Study on the Effect of Grid Impedance on the Performance of a Virtual Synchronous Generator	Amjatha Salim, Arun L

03.00 pm	23CHEE 2023	Sharing Energy among Homes, EVs and Grid in Indian Scenario	Bondala Sahithi, Samineni Ashritha, Setlam Bhargavi, Uppuluri Baby Jyothsna, K.Deepa, V.Sailaja
03.20 pm	23CHEE 2024	An Energy Efficient Architecture of Configurable Logic Block Using Pass Transistor for FPGA	K. M. Daiyan, Ahmed Mustakim, Shaiokh Bin Abi
03.40 pm	23CHEE 2027	Ultra Gain Modified Quadratic DC-DC Converter with Single Switch and Common Ground Structure	Aakriti Pandey, Swapnajit Pattnaik
04.00 pm	23CHEE 2032	Detection of multiple classes of disturbances with Hilbert Transform in the Presence of Harmonics	Hemlata Meena, Hemant Kumar Meena, Dipti Saxena



**Session: EC03**

Date: 06.01.2023

Time: 11.10 am to 04.20 pm

Session In-charge : Ms.Veenita Swarnkar

Session Link : <https://meet.google.com/mbw-omjx-gjj>**Session Chair(s):**

1. Dr. K. Sumathi, Professor/ECE, Akshaya College of Engineering & Technology
2. Dr. Chinmay Chandrakar, Shri Shankaracharya Technical Campus, Bhilai

Time	Paper ID	Paper Title	Author(s)
11.10 am	23CHEC 1074	A Simulation of a Design and Implementation of a New Low- Cost Prototype Portable Smart Ventilator	Shereen Qisam Bless
11.30 am	23CHEC 1075	Development of an Efficient Cardiac Auscultation System Using Proper Denoising Techniques	Lubaib P, Dhoulath Beegum J, N Muhsina, Manjusree S, Al Saheer SS
11.50 am	23CHEC 1077	Analysis of Optimization Techniques for Spectral Efficiency and Power Control in Massive MIMO Networks	Jyotsna Palavalasa, Madhu Ramarakula
12.10 pm	23CHEC 1080	A Numerical Approach for Estimating Radiated Emission of Shielded PCBs	Pankaj Binda, Akshay Pratap Singh, Kuldeep Singh, Rajendra Mitharwal
12.30 pm	23CHEC 1081	Back lobe Suppression of Microstrip Patch Antennas Miniaturized using Complementary Split Ring Resonator Loaded Ground Plane	Mandar Chakrabarti, Subhadrita Ghosh, Abir Chattopadhyay, Malay Gangopadhyaya
02.00 pm	23CHEC 1088	Deep Learning based Early Detection of Alzheimer's Disease using Image Enhancement Filters	Subhankar Samanta, Ishanee Mazumder, Chandrashish Roy
02.20 pm	23CHEC 1090	5G and 6G WiFi Transceiver Comparison in Multi Modulation Schemes Performance with MATLAB Simulink	Faeza Abbas Abid, Fatima Faydhe Al-Azzawi, Kamal Y. Kamal, Zainab Faydhe Al-Azzawi
02.40 pm	23CHEC 1094	Performance Analysis of an Indoor Visible Light Communication System Using Optisystem Software	Shivam, Chhavi Sharma, Sumit Singh, Reshav Kumar
03.00 pm	23CHEC 1095	Signal Enhancement of Source Separation Techniques	N Muhsina, Dhoulath Beegum J, Manjusree S, Lubaib P, Al Saheer S S, Athira J Shenoy

03.20 pm	23CHEC 1096	High Performance VLSI Architecture of FIR Filter for Seismic Signal Processing	S.Karunakaran
03.40 pm	23CHEC 1097	Multi-Cancer Early Detection And Classification Using Machine Learning Based Approaches	Viswanadham Ravuri, M.V.Subbarao, T.Sudheer Kumar, T.S.Kavitha, D.Ram Sandeep, Leelavathi Dangeti
04.00 pm	23CHEC 2002	Efficient Feature Selection Approach For Breast Cancer Classification Using Machine Learning	K Nagaiah, K Madan Mohan, Mohan Aswala

**Session: EC04**

Date: 06.01.2023

Time: 11.10 am to 04.20 pm

Session In-charge : Mr. B.Chiranjeev Rao

Session Link : <https://meet.google.com/wqz-enxo-ivh>**Session Chair(s):**

1. Dr. A. Umamaheshvari, Professor/ECE, Akshaya College of Engineering & Technology
2. Dr. Ajay Verma, Shri Shankaracharya Technical Campus, Bhilai

Time	Paper ID	Paper Title	Author(s)
11.10 am	23CHEC 2004	Multiple Circular Slot Loaded Compact Circular Micro-Patch Antenna for V-Band Applications	Ramya Shetty, KVSSSS Sairam, Ashish Singh
11.30 am	23CHEC 2007	ETSAODV: An Efficient and Trusted Secure AODV with Performance Analysis for MANETS suffering Blackhole Attack	Iram Nausheen Akhilesh Upadhyay
11.50 am	23CHEC 2009	An OTP Framework for effective tumor segmentation and analysis in brain MRI images	K Bhima, M Neelakantappa, K Dasaradh Ramaiah, A Jagan
12.10 pm	23CHEC 2012	Investigation of Microwave Indoor Positioning System Accuracy and Its Improvement	Zarina Khismatulina, Inaz Shafigullin, Evgeny Denisov
12.30 pm	23CHEC 2023	Design: High-Speed Block-Based Carry Speculative Adder for Error-Tolerant Applications	Ch. Raja Naga Praneeth, Ch. Usha Kumari, Priyanka Yadlapalli
02.00 pm	23CHEC 2034	Brain Tumor Segmentation Using Convolutional Neural Network in MRI Images Based on Deep Learning	Praveen M, Lalithraju A N, Mugilan P, Munjuru Bharadwaja
02.20 pm	23CHEC 2035	Detecting and preventing of DOS attacks in an IOT based Wireless Sensor Network	P.Vinayagam, P.Charan kumar, Pappu Venkata Teja, Penumalli Maruthi
02.40 pm	23CHEC 2038	Design and Implementation Secure Hash Algorithm 3 (SHA-3) using FPGA	Ali Hussein Jasim, Dalal Abdulmohsin Hammood, Ali Al-Askery
03.00 pm	23CHEC 2045	Design and Simulation of Near Perfect Quad Band Terahertz Metamaterial Absorber	A.Elakkiya, Tharun kumar J, Yogeshwaran M, Nanda kishore I
03.20 pm	23CHEC 2046	Deep Learning for Segmentation of Brain Tumors using MR Images based on U-Net Architecture	Aneesh S Perumprath, K. Martin Sagayam
03.40 pm	23CHEC 2047	Low Power and High Speed Two Stage Comparator in ADC	S.Karunakaran , N.Lokesh Reddy , T.Saikiran, E.Swapna
04.00 pm	23CHEC 2053	Performance Investigation of Small-World Networks for 5G Mobile Communication Networks	Thiruvankadam Srinivasan, In-Ho Ra

**Session: CS05**

Date: 06.01.2023

Time: 11.10 am to 04.20 pm

Session In-charge : Mr. Shashank Kumar

Session Link : <https://meet.google.com/nbi-mxoe-nbs>**Session Chair(s):**

1. Dr. Dipti Chauhan, Professor, Computer Science and Engineering & AI-DS, PIEMR Indore
2. Dr. Abha Choubey, Shri Shankaracharya Technical Campus, Bhilai

Time	Paper ID	Paper Title	Author(s)
11.10 am	23CHCS 2072	A novel cluster head selection scheme based on BCO for Internet of Things	R. Ramkumar, C. Balasubramanian
11.30 am	23CHCS 2081	Overview and an Approach to AI based Healthcare System by using NLP	Nidhi D. Rathi, A. V. Deorankar
11.50 am	23CHCS 2083	An $\hat{A}$ Interference Vector Judgement Based User Clustering Scheme in Ultra Dense Network	Yanxia Liang, Zhiheng Zhao, Xin Liu, Meng Zhao, Songlin Zhao
12.10 pm	23CHCS 2084	Conv2D Xception Adadelta Gradient Descent Learning Rate Deep learning Optimizer for Plant Species Classification	M. Shyamala Devi, R. Aruna, D. Raja Rajeswari, R. Sai Manogna
12.30 pm	23CHCS 2088	Predicting JNTUA CEA Students Academic Performance Using Deep Neural Networks	Eluri Roopa, B. Eswara Reddy
12.50 pm	23CHCS 2093	Inception Nesterov Momentum Adam L2 Regularized Learning Rate CNN for Sugarcane Disease Classification	R. Aruna, M. Shyamala Devi, Ashish Anand, Utkarsh Dutta, Chilakapati Narasimha Shruti Sagar
02.00 pm	23CHCS 3004	Face Invariant Classification and Detection of Mythology Characters Using Custom Dataset (ClDeMuC-CD)	Akhilesh Babu Tumati, Rohit Gangaraju, Manepalli Sai Ruthvik, Sumathi D, BKSP Kumar Raju Alluri
02.20 pm	23CHCS 3006	Unipolar and Bipolar Mathematical Inference of Weight Adjustment Mode of Single Layer Perceptron on AND Logic Gate	M. Shyamala Devi, S. Gopi, P. Tasneem, Karthikeyani Vintha, Dubba Sai Kumar
02.40 pm	23CHCS 3008	Prediction Analysis of Hypothyroidism by Association	Binju Saju, V Asha, Arpana Prasad, Varshitha A, Abhishek S
03.00 pm	23CHCS 3011	Real Estate Price Prediction using Machine Learning	S P Sreeja, V Asha, Binju Saju, Nivash C P, P Om Prakash, Adarsh Kumar Singh

03.20 pm	23CHCS 3017	A Novel Approach Using Extractive and Abstractive Summarization for the Genre Classification of Short Text	Chaitanyasuma Jain, Jatinderkumar R. Saini, Rajashree Jain
03.40 pm	23CHCS 3018	Quantum assisted genetic algorithm for sequencing compatible amino acids in drug design	Shiny Duela J, Umamageswari A, Prabavathi R, Prashanth Umapathy, Raja K
04.00 pm	23CHCS 3019	A Study on Statistical Analysis for Performance Evaluation of Digital Watermarking	Anirban Saha, Subhrajit Sinha Roy, Abhishek Basu, Avik Chattopadhyay
04.20 pm	23CHCS 1010	A framework for big data adoption and sustainable institutional performance	Sreenivasan Jayashree, Mohammad Nurul Hassan Reza, Chinnasamy Agamudai Malarvizhi, Mazni

**Session: CS06**

Date: 06.01.2023

Time: 11.10 am to 04.20 pm

Session In-charge : Ms. Archana Senapati

Session Link : <https://meet.google.com/vcr-nghp-zdp>**Session Chair(s):**

1. Dr. S. Kayalvili, Professor/CSE, Velalar College of Engineering & Technology
2. Dr. Megha Mishra, Shri Shankaracharya Technical Campus, Bhilai

Time	Paper ID	Paper Title	Author(s)
11.10 am	23CHCS 3024	Diagnosis of COVID-19 from the X-Ray images using BAT Algorithm with Deep Convolutional Neural Network	K.Mohanappriya, C.Vennila, J.Sathia Parkavi, E.Shapnarani
11.30 am	23CHCS 3025	Person Re-identification from video using Hybrid Approaches	Aman Nawaz Manjith, S. Karthick, Vikranth Bandaru
11.50 am	23CHCS 3026	Personality Prediction Using Deep Learning	Indira Dutta, R. Athilakshmi, Amulya
12.10 pm	23CHCS 3030	Scheme and Construction of a Smart Vacuum Cleaner Robot	Md. Ibrahim Hasan, Mohammad Zeyad, S.M. Masum Ahmed, Md. Sadik Tasrif Anubhove, Eftakhar Hossain, Sayeed Hasan, and Dewan Mahnaaz Mahmud
12.30 pm	23CHCS 3031	Data Quality Assessment Using Benford's Law and Excel	T Shalini, T Lilly Shanker Rao, T Shyamili, T Shanker Rao
12.50 pm	23CHCS 3033	Human Facial Emotion Recognition using Deep Learning Techniques	Milind Rane, Ganesh Sarak, Sarja Daware, Saumya Deshmukh, Sujay Shahare, Yashodhan Shedge
02.00 pm	23CHCS 3038	Performance Evaluation of KNN & Decision Tree in Prediction of Heart Disease	Aniket kumar, Jobin Thomas Mathew, Neha Gupta, Vivek Malhotra
02.20 pm	23CHCS 3040	A Smart Framework for Enhancing the IoT Network Lifespan	Meenakshi Shruti Pal, Manik Rakhra
02.40 pm	23CHCS 3043	Application of machine learning algorithms in predicting the heart disease in patients	Razia Sulthana A, Jaithunbi A K, Supraja P

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03.00 pm	23CHCS 3044	Network and Node Analysis of Growth factor receptor-binding protein 10: Insulin Signaling Pathway Regulator	Neha Dahiya, Manpreet Kaur, Avinash Sharma, Rupesh Gupta, Varsha Singh
03.20 pm	23CHCS 3052	CoRE: A Context-Aware Relation Extraction Method for Relation Completion	Rajanee R. Gaji, A. N. Mulla
03.40 pm	23CHCS 3054	Complex Facial Emotion Recognition - A systematic literature Review	Milind Talele, Rajashree Jain
04.00 pm	23CHCS 3068	A Deep Learning-Based Preventive Measures of COVID-19 in a crowd using Reinforcement Model over GAN for Enhanced efficiency	Arul Raj A.M, Sugumar R

**Session: CS07**

Date: 06.01.2023

Time: 11.10 am to 04.20 pm

Session In-charge : Ms. Ankita Jaiswal

Session Link : <https://meet.google.com/hyz-quek-fmq>**Session Chair(s):**

1. Dr.V.S.Kirthika Devi, Amrita Viswa Vidya Peetham, Bangalore
2. Dr. Siddharth Choubey, Shri Shankaracharya Technical Campus, Bhilai

Time	Paper ID	Paper Title	Author(s)
11.10 am	23CHCS 3075	Securing medical data records using blockchain in a cloud computing environment	Anandarshan K Hebballi, Bharath J, Akansha Agarwal, Manoj Challa
11.30 am	23CHCS 3078	Automated Recognition of Wild Animal Species in Camera Trap Images Using Deep Learning Models	Rajasekaran Thangaraj, Sivaramakrishnan Rajendar, Sanjith M, Rithick Saran K, Sudev Sasikumar, Chandhru L
11.50 am	23CHCS 3079	A Comparative Study of Deep Learning Models for Guava Leaf Disease Detection	Rajasekaran Thangaraj, Mohan M, Moulik M, Logeshwari A, Loganathan T, Koushika P
12.10 pm	23CHCS 3080	Multi Criteria Decision Making problem using Energy of Directed Bipolar Fuzzy graph	S. Anita Shanthi and R. Preethi
12.30 pm	23CHCS 3081	A Study on Product Recommendation System based on Deep Learning and Collaborative Filtering	Mosami D. Bhagat, Prashant N.Chatur
12.50 pm	23CHCS 3085	Face Recognition and Identification Using Deep Learning	Vishwanatha C R, V Asha, Binju Saju, Suma N, Talapa Reddy Mrudhula Reddy, Sumanth K M
02.00 pm	23CHCS 3088	Minimization of Energy Consumption in Cloud	Kirti, Manu Smriti, Kumud Shaily, Danthuluri Sudha
02.20 pm	23CHCS 3093	Recognition of cat disease using transfer learning approach	Sabrina Saba, Rahmatul Kabir Rasel Sarker, Sazzad Hossain, Md. Ashikur Rahman, Fatema Tuj Johora, Aliza Ahmed Khan



02.40 pm	23CHCS 3095	Trace Clustering Techniques for Process Mining	Lakshmi Narayana N, Jagadishwari V
03.00 pm	23CHCS 4004	Personality prediction through CV analysis using machine learning techniques	Nongmeikapam Thoiba Singh, Abhay Chanana, Darpan Jain, Rajesh Kumar
03.20 pm	23CHCS 4006	Vehicle Detection and Classification based on C-DSO Dataset using YOLO v3 with SRBD Method for Intelligent Transportation Applications	R.Anitha and P.Prabakaran
03.40 pm	23CHCS 4008	On M-Polynomials and Covering of Cube Connected Cycles	D. Angel, R. Revathi, M. Nirmala, M. Mallika
04.00 pm	23CHCS 4009	Analysis of Explainable Artificial Intelligence Methods on Medical Image Classification	Joy Purohit, Ishaan Shivhare, Vinay Jogani and Seema Shrawne

**Session: CS08**

Date: 06.01.2023

Time: 11.10 am to 04.20 pm

Session In-charge : Mr. Rajeshwar Dewangan

Session Link : <https://meet.google.com/nss-uxsd-ozo>**Session Chair(s):**

1. Dr. S. Jothi Lakshmi, Professor/CSE, Akshaya College of Engineering & Technology
2. Dr. Devanand Bhonsle, Shri Shankaracharya Technical Campus, Bhilai

Time	Paper ID	Paper Title	Author(s)
11.10 am	23CHCS 4012	Classification of glioma by exploring wavelet-based radiomic features and machine learning techniques using Brats dataset	Nisha Elsa Varghese, Ansamma John, Ushakumari Amma C
11.30 am	23CHCS 4013	Malicious Host Detection in Software Defined Networks Using Machine Learning Algorithms	Praveen Gujjar J, M. H. Sharief, Ujjal Mukherjee, M. Anand Kumar, Guru Prasad M S
11.50 am	23CHCS 4014	Automatic Scikit-learn based detection and classification of Breast Cancer using Machine Learning techniques	Immaculate Joy S, Hemapriya B, Karthika Devi, Harini K
12.10 pm	23CHCS 4016	Efficiency of Sustainable Roof Material Using Bipolar Intuitionistic Fuzzy Soft Expert Sets	S. Anita Shanthi, N. Nishadevi, S. Sampathu
12.30 pm	23CHCS 4019	An AI Based Electric Field Ditection Using UAV	Milind N Padghan, Shashank Kumar Singh, Saurabh Bansod, Prashant
12.50 pm	23CHCS 4030	Investigation on Throughput Maximization of CR-IoT Network Through Hybrid Spectrum Access	Nthatisi Margaret Hlapisi, Indu Bala, Shelej Khera
02.00 pm	23CHCS 4033	Adam Optimizer's effects on a Sequential Convolutional Network Model for Visualization of Planets	Kanwarpartap Singh Gill, Avinash Sharma, Vatsala Anand, Rupesh Gupta
02.20 pm	23CHCS 4034	Categorization of Butterflies using Convolutional Neural Network	Kanwarpartap Singh Gill, Avinash Sharma, Vatsala Anand, Rupesh Gupta
02.40 pm	23CHCS 4039	Application of Neutrosophic Matrix in Document Retrieval Systems	K.Lalitha, S.Sarguna, T.Muthuraji
03.00 pm	23CHCS 4042	Transfer Learning with EfficientNet for Computer Vision based Automatic Gender Classification	Sanskruiti Patel, Dharmendra Patel

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03.20 pm	23CHCS 4046	Operations on Bipolar Pythagorean Fuzzy Matrix	S.Sriram, K.Sivaranjani
03.40 pm	23CHCS 4052	Machine Learning Based Tesla Stock Analysis: A Theosophical Review	Mamta B Savadatti, Mahendra S N, Rohit P, Sachin R, Siva S, Shreya C, Chayanath
04.00 pm	23CHCS 4061	Data Cleansing to Enhance Quality of Multimedia Data using Convolutional Neural Networks	A M Kioko, W K Cherruyoit, R Rimiru