# PROGRAMME SCHEDULE

**Day 1: Thursday 20th April 2023**

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<tr>
<th>Time</th>
<th>Event</th>
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<td>9:00 Hrs-9:30 Hrs</td>
<td>Registration</td>
<td>Ground Floor, Reception, Raman Block</td>
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<tr>
<td>09:30 Hrs-11:30 Hrs</td>
<td>Inaugural Ceremony</td>
<td>Dr. S Radhakrishnan Auditorium, Raman Block</td>
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<tr>
<td>09:30 Hrs-09:35 Hrs</td>
<td>Welcome of Guest</td>
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<td>09:35 Hrs-09:40 Hrs</td>
<td>Lamp Lightning</td>
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<tr>
<td>09:40 Hrs-09:45 Hrs</td>
<td>Opening Ceremony of CICTN 2023</td>
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<tr>
<td>09:45 Hrs-09:55 Hrs</td>
<td>Introduction to the theme of CICTN 2023</td>
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<tr>
<td>09:55 Hrs-10:00 Hrs</td>
<td>Welcome Address by Prof (Dr.) Sanjay Kumar Singh Sir, Director, ABESEC &amp; General Chair, CICTN 2023</td>
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<tr>
<td>10:00 Hrs-10:30 Hrs</td>
<td>Address by Chief Guest Dr. K.K. Aggarwal, Ex-Chairman NBA, Founder Vice Chancellor, GGSIPU</td>
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<tr>
<td>10:30 Hrs-10:35 Hrs</td>
<td>Address by Prof. (Dr.) Divya Mishra, Head, Department of CSE, ABESEC &amp; General Co-Chair, CICTN 2023</td>
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<tr>
<td>10:35 Hrs-11:10 Hrs</td>
<td>Address by Guest of Honor, Mr. Zubeir Ahmad Siddiqui, Tata Consultancy Services</td>
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<tr>
<td>11:10 Hrs-11:20 Hrs</td>
<td>Release of CICTN-2023 Abstract Book</td>
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<td>11:20 Hrs-11:30 Hrs</td>
<td>Vote of Thanks by Dr. Latha Banda, Co-Convener, CICTN 2023</td>
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<tr>
<td>11:45 Hrs- 12:15 Hrs</td>
<td>Keynote Address by Mr. Jai G Singla Scientist, Space Applications Centre, ISRO on “Satellite Data for Urban Planning and Applications”</td>
<td>Dr. S Radhakrishnan Auditorium, Raman Block</td>
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<td></td>
<td><strong>Session Coordinator:</strong> Dr. Puneet Garg</td>
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<td><strong>Seating Coordinator:</strong> Mr. Ravi Kumar</td>
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**12:15 Hrs - 13:00 Hrs**

Keynote Address by Dr. Anil Giri, Solution Architect, Amazon Web Services ISV, London on “Modernization in AWS” *(Online)*
*(Venue: Dr. S Radhakrishnan Auditorium, Raman Block)*

**Meeting Link**

Session Coordinator: Ms. Sandhya Avasthi
Seating Coordinator: Mr. Devendra Gautam

**13:00 Hrs - 14:00 Hrs**

Lunch

*Venue: Mezzanine Floor, Raman Block*

**14:00 Hrs - 16:00 Hrs**

**Paper Presentations**

**Track 1A - Computational Science & Engineering**
*(Venue: Dr. S Radhakrishnan Auditorium, Raman Block)*

**Meeting link for Online Presentations**

Session Coordinator: Mr. Abhishek Shukla

**Session Chairs**

Dr. Ritu Gupta, Department of IT, Bhagwan Parshuram Institute of Technology, Delhi
Dr. Shelly Gupta, Department of CS, ABSEEC

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<td>Threat Detection and Classification Using ML Techniques</td>
<td>Dr. Rohit Rastogi, Vaibhav Gupta, Vaibhav Sharma, and Tushar Gupta</td>
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<td>94</td>
<td>Intelligent Face Emotion Detection Application for Blind People</td>
<td>Shivam Gupta, Suraj Kumar Gupta, Ankit Yadav, and Shivani Trivedi</td>
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<td>280</td>
<td>A Framework for Modernization of College Utilities</td>
<td>Veom Nohria</td>
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<td>39</td>
<td>Cost Identification for Deploying website on AWS</td>
<td>Udit Yadav and Utkarsh Gupta</td>
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<td>44</td>
<td>Prediction of DNA interacting residues</td>
<td>Shubham Arora, Saurabh Gupta, Shradha Verma, and Indu Malik</td>
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<td>61</td>
<td>Cloud based architecture for Face Recognition in Django with Machine Learning</td>
<td>Shubhankar Bhardwaj, Saurabh Sharma, and Vinay Singh</td>
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<td>125</td>
<td>Human Emotion Recognition using Deep Learning</td>
<td>Anand Prakash Chaudhary, Ankit Mishra, Dilip Kumar, and Puneet Garg</td>
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<td>150</td>
<td>Chat Web App using Blockchain</td>
<td>Kadambri Agarwal, Mayank Sharma, Mohammad Arsalan, and Kaushlendra Gupta</td>
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<td>508</td>
<td>An Intelligent and Effective Framework for reduction of diabetes risk</td>
<td>Amit Kumar Mishra, Neha Tripathi, Ashish Gupta, Neeraj Kumar Pandey, Deepak Singh Rana, and Manoj Diwakar</td>
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<td>546</td>
<td>A Great Learning Stratagem through Artificial Bee Colony Technique for Grouping</td>
<td>Shweta Singh, Mustafa Altahi, Maki Mahdi Abdulhasan, and Yaqeen S. Mezaal</td>
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14:00 Hrs- 16:00 Hrs  Track 2A- Communication & Networking
(Venue: Seminar Hall 2, Raman Block)
Meeting Link for Online Presentations
Session Coordinator: Mr. Vinay Pratap Singh

Session Chairs
Dr. Abhilasha Singh, Dept of CSE, SRM Institute of Science and Technology, Ghaziabad
Dr. Puneet Kumar Aggarwal, Department of IT, ABESEC

Paper Id: 173  A Comprehensive Study on Conventional HPPT Techniques for Solar PV System
[Offline]  Zaiba Ishrat and Zaiba Ishrat

Paper Id: 184  A Systematic Study of Controller and Optimization Techniques in Automatic Generation control system
[Offline]  Akash Manohar and Jyoti Yadav

Paper Id: 124  Parking Assistance System using ANPR
[Offline]  Abhishek Shukla, Yash Kumar, Shourya Nagpal, and Vishal Chaudhary

Paper Id: 76  Intelligent Automated Interference for the Protection of Road Safety

Paper Id: 172  A Review of Key Delegation Schemes in Ciphertext Policy-Attribute Based Encryption
[Offline]  Shardha Porwal and Sangeeta Mittal

Paper Id: 87  Fictitious Merchandise Detection Using Blockchain
[Offline]  Amogh Gupta and Shivani Trivedi

Paper Id: 95  An Associate Degree Algorithmic for Computation offtloading in Mobile Cloud Computing
[Online]  Jagdish Chandra Patni and Pawan Kumar Mishra

Paper Id: 122  Analyzing Frauds in Banking Sector and Impact of Internet Banking on Its Customers: A Case Study of Bank of Maharashtra
[Online]  Sumit Bhatt, Vijay Kumar, and Sanjay Kumar

[Online]  Praveen Kumar Mishra and Amit Kumar Chaturvedi

Paper Id: 188  Image Data Security in Cloud by using Steganography
[Online]  Durga Prathyusha and Nilu Sing

14:00 Hrs- 16:00 Hrs  Track 3A- Power and Energy
(Venue: Conference Hall, Aryabhatta Block)
Meeting Link for Online Presentations
Session Coordinator: Mr. Akhilesh Kumar Srivastava

Session Chairs
Dr. Pushpa Singh, Department of Computer Science and Information Technology, GL Bajaj Institute of Technology & Management, Greater Noida
Dr. Kusum Lata Agarwal, Head, Department of Electrical and Electronics Engineering, ABESEC

Paper Id: 135  An Overview of Bi-Directional Charging Converter Topologies for Electric Vehicles and Fast Charging Stations
[Offline]  Mohammad Shahbaz Khan and Alok Agrawal

Paper Id: 144  Analysis and Comprehensive Comparison of Wireless Power Transfer System Using SS and SP topology for Electric Vehicle Charging
[Offline]  Amritansh Sagar, Manuele Bertoluzzo, and Abhay Kumar
Improved Sine Cosine Algorithm for searching global optima
Vikas Shinde, Rahul Jha, and Dilip Mishra

Road Driven Automated Vehicles by Using Virtual Reality for Pedestrians and Cyclists
Aarju Jangra, Samta Kathuria, Poonam Rawat, Rajesh Singh, Purnendu Shekhar Pandey, and Rupendra Kumar Pachauri

Artificial Intelligence Role in Electronic Invoice Under Goods and Services Tax
Rakesh Kumar, Rupa Khamnna Malholtra, and Samta Kathuria

Electromagnetic Waves Effects on Biological Materials
Vijay Kumar and Amit Verma

A comprehensive investigation of optimized model for induction motor driven electric vehicle: energy and economic impacts
Vinay Anand, Himanshu Sharma, Bhalwan Shree Ram, Kamaldeep Boora, and Dharmendra Dubey

MedEHR- Electronic health Record using Blockchain
Siddhi Gupta and Shreya Singh

Biological Impacts of Electromagnetic Radiation on Dermis Layer of Birds
Vijay Kumar and Rockey Choudhary

Object Tracking in Intelligent Video Surveillance System Based on Artificial System
Mukesh Choubisa and Vijay Kumar

Switched-Capacitor Phase Shifter Circuit with High Input Impedance and Grounded Capacitors
Sadhanshu Maheshwari and Deepak Agrawal

Comparative study on the effect of HSV Segmentation and ORB Features on Transfer Learning models for recognition of Bharatanatyam Asamyukta Mudras
Divisha Kilari and Krishna Kumar Singh

14:00 Hrs- 16:00 Hrs
Track 4A- Signal Processing & VLSI
(Venue: Seminar Hall I, Bhabha Block)

Session Chairs
Prof. (Dr.) Arun Prakash Agrawal, Head, Department of Computer Science & Application & Engineering, Sharda University, Greater Noida
Dr. Amit Agrawal, Department of Electrical and Electronics Engineering, ABESEC

Survey on Different Techniques of Medical Image Watermarking to Ascertained Authenticity and Ownership
Malvika Gupta, Parma Nand, and Ankur Choudhary

Diagnosis and Forecast of Murder rates in India using Random Forest and prophet algorithm
Vidhi Yadav, Varshika Gautam, and Sunil Kumar

Identification of Privacy Challenges and Social Discrimination on Internet of Things
Sagar Saxena, Anil Kumar Dixit, Shweta Pandey, and Rajesh Singh

Internet of Things and Artificial Intelligence Superseding in the Journey of Social Media
Rajeev Ranjan Sahay, Jitendra Kumar Sinha, Shweta Pandey, Rajesh Singh, and Rajat Balyan
Present Epoch of Replacing Journalists with Robots
Rajeev Ranjan Sahay, Jitendra Kumar Sinha, Samta Kathuria, Anita Gehlot and Rajat Balyan

Designing A Secure Food Supply Chain System using Blockchain in Agricultural IoT
Durgesh Kumar and Rajendra Kumar Dwivedi

A Statistical Analysis for Heart Disease Prediction System for Next Gen Software
Divya Upadhyay, Ayushi Yadav, and Saumya Kulpriya

Design of a Home Security Automation System
Mohit Ghai and Ruchi Gupta

IoT to address challenges of Disaster management- approaches and ideas- a global perspective
Lakshmipriya Vinjamuri, Aditya Chahar, Ujjwal Singh, Alisha A, and Aghanaasuna A

IOT-based Smart Ground water Recharge System
Chandradeep Bhatt, Manas Uniyal, and Noor Mohd

Study on the Effect of Double Inset Fed for Microstrip Patch Antenna for 5G Application
Hasan Mousud Shoab, Mahbubul Karim, K.M. Mehedi Hassan, and A.K.M. Ehtesanul Islam

Sonali Arora, Shaurya Verma, and Asha Rawat

14:00 Hrs- 16:00 Hrs
Track 5A- Interdisciplinary & Humanitarian Engineering
(Venue: Seminar Hall 1, Raman Block)
Meeting Link for Online Presentations
Session Coordinator: Mr. Devendra Kumar Misra

Session Chairs
Dr. Gaurav Raj, Department of Computer Science & Engineering, School of Engineering & Technology, Sharda University, Greater Noida
Dr. Puneet Garg, Department of CSE, ABSEC

Disease Prediction in Plants: using new Era Technologies
Rohan Tyagi, Ravi Yadav, and Devendra Misra

Intelligent food recommendation System based on nutritional information and preferences of customers
Vibhu Nohria, Minakshi Mishra, Vasudev Soni, Vaibhav Kumar, and Sonia Lamba

FARMINGTON - A Machine Learning Approach in Agriculture
Divyans Saxena, Divya Kaushik, Lakshya Somvanshi, and Shivani Trivedi

Instagram Analysis and Activity Automation: Using Python and Selenium Automation Tools
Harsh Teotia, Ekansh Tyagi, Gagan Shishodia, Ayushi Prakash, and Sandhya Avasthi

Using machine learning to analyse and predict crime against children
Bharati Shukla, Priyanshu Jadaun, and Divya Gupta

Establishing the Correlation between Parkinson’s and Heart Disease using Machine Learning Algorithm
Naman Kumar, Sandhya Avasthi, and Ayushi Prakash
14:00 Hrs- 16:00 Hrs
Young Professional Track
(Venue: LT 6, First Floor, Aryabhatta Block)
Meeting Link for Online Presentations
Session Coordinator: Ms. Shanu Sharma

Session Chairs
Dr. Alok Singh Chauhan, Department of Computer Applications, School of Computing Science & Engineering, Galgotias University, Greater Noida
Dr. Ayushi Prakash, Department of CSE, ABESEC

Jai Singla

Paper Id: 570 [Offline] Blockchain – A Deployment Mechanism for IoT Based Security
Ravi Kant, Shashank Sharma, and Vikas Kumar

Ramiz Salama, Fadi Al-Turjman, Chadi ALTRJMAN, Vikrant Sharma, and Garima Saini

Paper Id: 605 [Offline] Design and Development of Gesture Recognition Based Virtual Mouse System
Ramiz Salama, Fadi Al-Turjman, Chadi ALTRJMAN, Vikrant Sharma, and Garima Saini

Gurleen Kaur, Ankesh Gupta, and Hemant Kumar Saini

Namya Aankur Gupta, Mansi Bansal, Seema Sharma, and Deepi Mehrotra, misha Kakkar

Paper Id: 472 [Online] Artificial Intelligence Based Dynamic Approach To Visualize the Graphs
Harshita Garg and Ishika Gupta

Paper Id: 566 [Online] Robust Load Balancing Scheme in WSNs
Pobhu Moinyak, Karan Singh, and Satvik Vats
Day 2: Friday  
21st April 2023

9:00 Hrs-9:30 Hrs  
Registration  
*(Venue: Ground Floor, Reception, Raman Block)*

09:30 Hrs-10:00 Hrs  
Keynote Address by Ms. Minakshi Memoria, Chair, Subsection Outreach and Strategic Planning, IEEE UP Section  
*(Venue: Dr. S Radhakrishnan Auditorium, Raman Block)*

Session Coordinator: Ms. Sandhya Avasthi  
Seating Coordinator: Mr. Devendra Gautam

10:00 Hrs-11:30 Hrs  
Paper Presentations

**Track 1B: Computational Science & Engineering**  
*(Venue: Dr. S Radhakrishnan Auditorium, Raman Block)*

Meeting Link for Online Presentations  
Session Coordinator: Mr. Abhishek Shukla

**Session Chairs**

Dr. Soumya Ranjan Nayak, School of Computer Engineering, KIIT Deemed to be University, Bhubaneswar, Odisha, India *(Online)*
Dr. Mahesh K. Singh, Department of CS, ABESEC

- **Paper Id: 169** [Offline]  
  Scope and Status of Artificial Neural Network based prediction models in Meteorology: From Backpropagation to Recurrent Networks  
  Sundeep Raj, K C Tripathi, and Rajendra Kumar Bharti

- **Paper Id: 260** [Offline]  
  Comparative Analysis of Speech Emotion Recognition Models and Techniques  
  Aditi Agrawal, Anagha Jain, Balpreet Kaur, Saumya Jangid, Karuna Kadian, Vimal Dwivedi, and Sunita Garhwal

- **Paper Id: 262** [Offline]  
  Metaheuristic Optimization Algorithms and recent applications: A comprehensive survey  
  Amit Jha, Chandrachur Madhav Deo, Basu Dev Shivhare, S.K. Gupta, Prabhishek Singh, and Manoj Diwakar

- **Paper Id: 85** [Offline]  
  Blockchain: Its Applications and Challenges by Anu Sayal, Janhvi Jha, Chaitra N, Veethika Gupta, Ashulekha Gupta, and Minakshi Memoria

- **Paper Id: 19** [Online]  
  Warning System with Face Mask Detection Using CNN  
  Shivam Shinde, Soham Raut, Tejas Thawari, and Prajwal Kumbhar

- **Paper Id: 13** [Online]  
  ReachME: A Social Media Application for Travelers  
  Anurag Mishra, Vidhan Sengar, Rishi Gupta, and Pranay Verma

- **Paper Id: 77** [Online]  
  Imperative Role of Blockchain in The Taxation System  
  Sumit Prasad, Rakesh Kumar, Shweta Pandey, Anita Gehlot, and Aadidevam Dhyani

- **Paper Id: 129** [Online]  
  Price to Performance Ratio of Smart Phones  
  M Prashanth Rao, M Praneeth Varma, Malayala Kalpana, Lanke Pallavi, and Chunduri Madhu Babu

- **Paper Id: 132** [Online]  
  Image Generation Based On Text  
  Mallaiiahgari Rohith, Kogila Shirisha, and Munukoti Sanjay

- **Paper Id: 161** [Online]  
  Voice based gender identification using machine learning  
  Menugu Rajeshwari, Konduru Sambhavi, and Gudupudi Karthik

- **Paper Id: 227** [Online]  
  Text generator using Natural Language Processing Methods  
  Rupinder Kaur and Amandeep Kaur
10:00 Hrs- 11:30 Hrs  
**Track 2B: Communication & Networking**  
*Venue: Seminar Hall 2, Raman Block*  
Meeting Link for Online Presentations  
Session Coordinator: Mr. Vinay Pratap Singh  

**Session Chairs**  
Dr. Suman Lata Tripathi, School of Electronics and Electrical Engineering, Lovely Professional University, India  
*Online*  
Dr. Priyanka Bhardwaj, Department of ECE, ABESEC  

- **Paper Id: 243**  
  Creation of Malwares and their Detection using Machine Learning Algorithms  
  *Offline*  
  Mohd. Altamash and Shailendra Narayan Singh  

- **Paper Id: 282**  
  Obstruction Avoidance Framework For Indoor and Outdoor Navigation To Enhance Mobility of Visually Impaired Person  
  *Offline*  
  Saurabh Singh, Subrat Tripathi, Tanya Tanya, Shivani Kapoor, and Amanpreet Singh Sain  

- **Paper Id: 216**  
  Securing Data in the Internet of Things (IoT) using Metamorphic Cryptography A Survey  
  *Offline*  
  M. Shreyansh Narayan, Munesh Chandra Trivedi, and Anil Dubey  

- **Paper Id: 215**  
  Enabling Technologies for Human Development in Developing Countries: A Bibliometric Analysis on Insur-Tech  
  *Online*  
  Nargis Sultana, Reshma Pervin Lima, and Shakil Ahmad  

- **Paper Id: 222**  
  An Empirical Assessment of Key Challenges influencing the MEI in Current Digitalized Scenario  
  *Online*  
  Ankur Goel, Monisha Awasthi, Vijaylakshmi Sajwan, Mani Kansal, Ms. Sheena Agarwal, Rajiv Kumar, Minakshi Memoria, and Kapil Joshi  

- **Paper Id: 223**  
  An Efficient Internet based Home Automation Framework for Operating Multi-functional Units  
  *Online*  
  Bhavneet Kaur, Karan Jindal Jindal, and Ruchika Gupta Gupta  

- **Paper Id: 228**  
  FIR Registration by Blockchain  
  *Online*  
  Sahil Jain, Siddharth Agarwal, Vaibhav Singh, and Garima Singh  

- **Paper Id: 246**  
  Analysis the Three Layers of Computing: Cloud, Fog & Edge  
  *Online*  
  Sandeep Mathur  

- **Paper Id: 250**  
  Prevention Of Website from Cross Site Scripting  
  *Online*  
  Amish Mishra, and Sapna Juneja  

- **Paper Id: 251**  
  Blockchain: A Review Study of Protocols and Enterprise Frameworks  
  *Online*  
  Paramjot Kaur Sarao, Narinder Kaur, and Manish Sharma  

10:00 Hrs- 11:30 Hrs  
**Track 3B: Power and Energy**  
*Venue: Conference Hall, Aryabhatta Block*  
Meeting Link for Online Presentations  
Session Coordinator: Mr. Akhilesh Kumar Srivastava  

**Session Chairs**  
Dr. Arunima Jaiswal, Indira Gandhi Delhi Technical University for Women, Delhi  
*Online*  
Dr. Shweta Sharma, Department of Applied Sciences and Humanities, ABESEC  

- **Paper Id: 521**  
  Artificial Intelligence - Smart Energy Distribution and Management System for small autonomous Photo-voltaic Systems  
  *Offline*  
  Nirmalya Basu, Ajay Pal Singh, Md Nadeem Ahmed, Ranjan Walia, and Md Juned Haque
Efficiently and securely handling multidimensional medical data of Obstructive Sleep Apnea

Prashant Hemrajani, Vijaypal Singh Dhaka, and Geeta Rani

Advanced cooling technique to improve efficiency of Solar Panel

Lokesh Varshney, Ritik Solanki, Vijay Singh, and Kanhaiya Kumar

Performance Analysis of i-Ch3Nh3SnI3 Perovskite Solar Cell Using Numerical Technique

Chandni Tiwari, Varun Mishra, and G. Sharath Chandra Reddy

A new way of improving network by smart IoE with UAV

Hemant Kumar Saini and Kusum Lata Jain

Hybrid Renewable Energy Systems with Smart Power Management – A Comparative Study

M. Saranya and G. Giftson Samuel

Wavelet Transform based Alzheimer’s Disease detection using Grey Level Co-occurrence Matrix and Genetic Algorithm

Neha Garg, Mahipal Choudhry, and Rajesh Bodade

Topographic-Heterogeneous Energy Based (T-HEB) Routing Protocol for Wireless Sensor and IoT Based Networks

Bishwajeet Kumar and Dr. A Ranjith Kumar

Performance Analysis of the Reduced Order Models of Automatic Voltage Regulator (AVR) System

Ishita Uniyal, Parvesh Saini, Padmanab Thakur and Ashutosh Dixit

Session Chairs
Dr. Prashant Dixit, Department of Computer Science and Engineering, Faculty of Engineering & Technology, Manav Rachna International Institute of Research and Studies, Faridabad (Online)
Ms. Shweta Kaushik, Department of IT, ABSEEC

A Survey on the security of IoT communications
Chinmaya Bikram Pattanaik, Munesh Chandra Trivedi, and Anil Kumar Dubey

Safe Methods for Authentication Internet-of-Things Devices
Bhupender Rawat, Krishna Kumar, Deepak Kumar, and Neetu

News Intelley Major Projects
Shahbaz Khan, Shafali Sharma, Tejashwa Singh and Abhinav Juneja

Deep Belief Network Based Diabetic Maculopathy detection and Classification using modified Chicken Swarm Algorithm
Ambaji Jadhav and Shweta Reddy

SkillDrill
Anugya Jain, Samriddhi Jain, Sakshi Tibrewal, and Garima Singh

Autonomous Fire Fighting Robot
Dr. Krishan Arora, Rohit Raj Singh, and Harshit Kumar

Role of Internet of Things (IOT) in smart finance and banking
Shipra Gupta
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<th>Paper Id: 283</th>
<th>Design and Analysis of an Inset Fed Patch Antenna with Defective Ground for Millimeter Waves the Future of Telecommunication</th>
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<tbody>
<tr>
<td>[Online]</td>
<td>Rahul Kumar Verma, Shilpa Shrivastava, and Lala Bhaskar</td>
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<th>Paper Id: 294</th>
<th>Medical care Robots and Their Utilizing</th>
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<td>[Online]</td>
<td>Siddharth Vashista and Ishaan Kataria</td>
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<th>Paper Id: 387</th>
<th>Health Management System Based On Blockchain Technology</th>
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<tr>
<td>[Online]</td>
<td>Laxmi Saraswat, Ishika Verma, Himani Yadav, and Astha Rai</td>
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<tr>
<th>Paper Id: 416</th>
<th>A Review: Routing of Vehicular IoT Network based on various routing Metrics, Characteristics, and Properties</th>
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<tr>
<td>[Online]</td>
<td>Rakesh Kumar, Sunil Kumar Singh and D.K. Lobiyal</td>
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10:00 Hrs- 11:30 Hrs

**Track 5B- Interdisciplinary & Humanitarian Engineering**

*(Venue: Seminar Hall 1, Raman Block)*

**Meeting Link for Online Presentations**

Session Coordinator: Mr. Devendra Kumar Misra

**Session Chairs**

Dr. Richa Gupta, Department of CSE, Amity University Uttar Pradesh *(Online)*

Dr. Amita Tripathy, Department of Applied Sciences and Humanities, ABESEC

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<th>Paper Id: 200</th>
<th>A Bibliometric Analysis of Sleep Pattern Prediction of Breast Cancer Survivors using VOS viewer</th>
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<td>[Offline]</td>
<td>Swati Singh and Sonal Sharma</td>
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<tr>
<th>Paper Id: 98</th>
<th>Big Data Influence on The Corporate Social Responsibility: Benefits and Challenges</th>
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<th>Paper Id: 73</th>
<th>Integrating Digitalization Role to Play in Financial Management</th>
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<td>[Online]</td>
<td>Vivek Sharma, Neha Grover, Samita Kathuria, Rajesh Singh, and Aadidevam Dhyani</td>
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<tr>
<th>Paper Id: 110</th>
<th>Text to Image Generator with Latent Diffusion Models</th>
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<tr>
<td>[Online]</td>
<td>Indrani Sengupta, Sayanti Samanta, Joyjit Patra, and Subir Gupta</td>
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<tr>
<th>Paper Id: 174</th>
<th>Support vector machine performance for blood flow prediction in speckle imaging</th>
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<td>[Online]</td>
<td>Pankaj Jain and Saurabh Gupta</td>
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<th>Paper Id: 178</th>
<th>Bread and Bounty - Feel the Hunger Feed the Hungry</th>
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<tr>
<td>[Online]</td>
<td>Prashant Singh, Pranjali Sahgal, Sonia Deshmukh, and Rohit Vasisht</td>
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<tr>
<th>Paper Id: 202</th>
<th>Impact of Omicron on Indian Society</th>
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<tr>
<th>Paper Id: 235</th>
<th>A hybrid GA-CS based Meta Heuristic Approach for Web Personalization</th>
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<tr>
<td>[Online]</td>
<td>Santosh Kumar, Ravi Kumar, Alishba Saifi, Anushka Singh, and Bhumiika Singh</td>
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<tr>
<th>Paper Id: 236</th>
<th>A survey on classification of Geospatial Clustering</th>
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<tr>
<td>[Online]</td>
<td>Aman Ratna Kansakar and Ruchika Gupta</td>
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<tr>
<th>Paper Id: 239</th>
<th>CNN Based Disease Detection in Apple Leaf via Transfer Learning</th>
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<tr>
<td>[Online]</td>
<td>Krishna Sahu, Tanya Saraswat, and Abhishek Singhhal</td>
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</table>
A Review Paper on Automatic Number Plate Recognition using Machine Learning
Rajat Kumar Prajapati, Yatharth Bhardwaj, Ritesh Kumar Jain, and Kamal Kant Hiran

11:30 Hrs- 12:00 Hrs  Keynote Address by Mr. Naveen Burmi, Sr. Routing/IP Architect, Ciena (Online)
Meeting Link
Session Coordinator: Ms. Shanu Sharma
Seating Coordinator: Mr. Ravi Kumar

12:00 Hrs- 13:30 Hrs  Paper Presentations
Track 1C: Computational Science & Engineering
(Venue: Dr. S Radhakrishnan Auditorium, Raman Block)
Meeting Link for Online Presentations
Session Coordinator: Mr. Abhishek Shukla

Session Chairs
Prof. (Dr.) Ankit Verma, Head, Department of CSE, Dr. Akhilesh Das Gupta Institute of Technology & Management, New Delhi (Online)
Dr. Nimisha, Department of Applied Sciences and Humanities, ABESEC

Paper Id: 373  U-Net Variants for Brain Tumor Segmentation: Performance and Limitations
Sonam Saluja, Dr. Munesh Chandra Trivedi, and Anil Kumar Dubey

Paper Id: 141  Cloud Based Hostel Facility Automation System
Sneha Agrawal, Sugandh Rastogi, and Shivani Trivedi

Paper Id: 225  Stock Price forecasting using DeepNet
Shweta Roy

Paper Id: 595  Optimizing Moving Target Defense For Cyber Anomaly Detection
M. Vubangsi, Auwalu Saleh Mubarak Jareel Yayah, Chadi Altrjman, Manika Manwal, Satya Prakash Yadav, Fadi Al-Turjman, Divya Mishra

Paper Id: 598  Machine Learning In Sustainable Development – An Overview
Ramiz Salama, Fadi Al-Turjman, Chadi ALTRJMAN, Vikrant Sharma, and Ayushi Saini

Paper Id: 601  Social engineering attack types and prevention techniques- A survey
Ramiz Salama, Fadi Al-Turjman, Vikrant Sharma, Satya Prakash Yadav, and Garima Saini

Paper Id: 270  Lung Cancer Detection Using Machine Learning Algorithms
Rudransh Maheshwari

Paper Id: 293  Artificial Nose : Machine Learning model for categorization & identification of spices
Kunal Bhujbal and Asha Rawat

12:00 Hrs- 13:30 Hrs  Track 2C: Communication & Networking
(Venue: Seminar Hall 2, Raman Block)
Meeting Link for Online Presentations
Session Coordinator: Mr. Vinay Pratap Singh

Session Chairs
Dr. Tanupriya Choudhury, Department of Informatics, University of Petroleum and Energy Studies, Dehradun, India (Online)
Dr. Shubham Tiwari, Department of Electrical and Electronics Engineering, ABESEC

Paper Id: 596  Intelligent Hardware Solutions for COVID -19 and Alike Diagnosis - A survey
Ramiz Salama, Fadi Al-Turjman, Vikrant Sharma, Satya Prakash Yadav, and Anil Dubey

Paper Id: 285  Voice-Based Virtual -Controlled Intelligent Personal Assistants
Internet of Intelligent Things (IoIT) – An Overview
Ramiz Salama, Fadi Al-Turjman, Satvik Vats, Satya Prakash Yadav, and Latha Banda

Ramiz Salama, Fadi Al-Turjman, Satvik Vats, Satya Prakash Yadav, and Divya Mishra

Paper Id: 291 [Online] Toward improvement of credit card fraud detection based on Machine learning Techniques
Sameer Asthana and Shweta Rai

Ravi Prakash Chaturvedi and Udayan Ghose

Paper Id: 383 [Online] Smart Parking System for a Truly Smart City in-line with Smart Cities Technology
Sanchari Mandal, Challa Harish, Twinkle Panchal, Kalbhor Kanchal Sanjay, Priya Rani Lakra, and Himanshu Sharma

Kondakalla Bhoomika, Mali Pashupathi, and Kondaveeti Bhargav

Paper Id: 15 [Online] Modeling of high-speed fiber-IsOWC communication system
Meet Kumari

12:00 Hrs - 13:30 Hrs
Track 3C: Power and Energy
(Venue: Conference Hall, Aryabhata Block)
Meeting Link for Online Presentations
Session Coordinator: Mr. Akhilesh Kumar Srivastava

Session Chairs
Dr. Saru Dhir, Department of IT, Amity University Uttar Pradesh, India (Online)
Dr. Meeta Chaudhary, Department of CSE, ABESEC

Ramiz Salama, Fadi Al-Turjman, Vikrant Sharma, Latha Banda, and Sumit Kumar

Ramiz Salama, Fadi Al-Turjman, Satvik Vats, Latha Banda, and Devendra Gautam

Paper Id: 600 [Offline] Network security, trust & privacy in a wiredwireless Environments– An Overview
Ramiz Salama, Fadi Al-Turjman, Satvik Vats, Devendra Gautam, and Anil Dubey

Paper Id: 603 [Offline] The ways in which Artificial Intelligence improves several facets of Cyber Security- A survey
Ramiz Salama, Fadi Al-Turjman, Chadi ALTRJMAN, Vikrant Sharma, Latha Banda, and Devendra Gautam

Ramiz Salama, Fadi Al-Turjman, Satvik Vats, Satya Prakash Yadav, Divya Mishra, and Ayushi Agarwal

Paper Id: 547 [Online] Poignant ground target recognition with Smooth Pseudo Wigner-Ville Distribution by Analysis of Time-Frequency Techniques
Dr Nazia Abbas Abidi, Noor Karim, Ahmed Majed Althahabi, Yaqeen S. Mezaal, and Malak Jaafar Ali
12:00 Hrs - 13:30 Hrs  Track 4C- Signal Processing & VLSI  
(Venue: Seminar Hall 1, Bhabha Block)  
Meeting Link for Online Presentations  
Session Coordinator: Ms. Shivani Trivedi  
Session Chairs  
Dr. Jyoti Agarwal, Department of CSE, Graphic Era Deemed to be University, Dehradun (Online)  
Dr. Manu Singh, Department of CS, ABESEC  

Paper Id: 575  
[Offline]  
An agile approach to augment the existing donation system of NGO  
Ayushi Prakash, Vidushi Gupta, Vedant Vedant, Vibhor Arora, and Sandhya Avasthi  

Paper Id: 589  
[Offline]  
Automated Epilepsy Detection using Machine Learning Classifiers based on Entropy Features  
Sachin Goel, Rajeev Agrawal, and R.K Bharti  

Paper Id: 593  
[Offline]  
(Benefits of Internet of Things (IoT) Applications in Health care – An Overview)  
Ramiz Salama, Fadi Al-Turjman, Vikrant Sharma, Satya Prakash Yadav, and Ayushi Agarwal  

Paper Id: 542  
[Online]  
Brain Abnormality Detection and Analysis through Tissues Detection and Segmentation in Magnetic Resonance Imaging of the Brain  
Ansam A. Al-Obaidi, Baida Ajeal Badir Al-Omairi, Muniqth Salem, Ali Ihsan Alanssari, Tamara Muayad Abdullah, and Rajit Nair  

Paper Id: 579  
[Online]  
Computer-aided diagnosis Application by using Nonlinear Dynamics of EEG Signals to detect Depression State  
Baida Ajeal Badir Al-Omairi, Ansam A. Al-Obaidi, Muniqth Salem, Abdulnaser Khalid Hamzah, and Ghanshyam Prasad Dubey  

Paper Id: 590  
[Online]  
Bibliometric Analysis of Risk Management in Processes Industry  
Priyank Srivastava, Akash Kumar, Ruchika Gupta, Aparna Sharma, and Nidhi Agarwal  

12:00 Hrs - 13:30 Hrs  Track 5C- Interdisciplinary & Humanitarian Engineering  
(Venue: Seminar Hall 1, Raman Block)  
Meeting Link for Online Presentations  
Session Coordinator: Mr. Devendra Kumar Misra  
Session Chairs  
Prof. (Dr.) Om Prakash Sangwan, Director, Directorate of Distance Education & Professor Department of Computer Science & Engineering Guru Jambheshwar University of Science & Technology, Hisar, Haryana (Online)  
Dr. Satyendra Kumar, Department of Applied Sciences and Humanities, ABESEC  

Paper Id: 374  
[Offline]  
Big data analysis using power BI  
Rittik Rana, Naman Paliwal and Abhishek Singhal  

Paper Id: 591  
[Offline]  
Multiple Replica Based Auditing of Outsourced  
Akhilesh Kumar Srivastava, Manoj Kumar  

Paper Id: 558  
[Online]  
Prediction of Mental Health Treatment Adherence using Machine Learning Algorithms  
Lisa Gopal, Priyanshu Rawat, Madhvan Bajaj, Satvik Vats, Vikrant Sharma, and Diksha Rawat  

Paper Id: 276  
[Offline]  
Human Activity Recognition System using CNN and Random Forest Technique  
Divaksh Parmar, Mitanshu Mitanshu, Aayush Garg, Anjali Kapoor, and Anju Mishra
Paper Id: 278 [Online] An Effective Machine Learning based Heart Disease Diagnosis Analysis
Anshul Pandey, Mrityunjay Prasad Gupta, Manoj Diwakar, Prabhishek Singh, and Ravinder Singh

Ayushi Jain, Priyanshu Rawat, Madhvan Bajaj, Shreshtha Mehta, Vikrant Sharma, and Manisha Manjul

Paper Id: 556 [Online] Classification And Prediction of Brain Tumors and its types using Deep Learning
Ayushi Jain, Priyanshu Rawat, Madhvan Bajaj, Aastha Bhatt, Vikrant Sharma, and Navneet Kumar

Lisa Gopal, Priyanshu Rawat, Madhvan Bajaj, Satvik Vats, Vikrant Sharma, and Rakesh Kumar

Purushottam Das, Priyanshu Rawat, Madhvan Bajaj, Prema Rawat, Satvik Vats, and Vikrant Sharma

Paras Tiwari and R Eswari

13:30 Hrs- 14:30 Hrs Lunch
Venue: Mezzanine Floor, Raman Block

14:30 Hrs- 15:00 Hrs Keynote Address by Dr. Karan Singh, Jawaharlal Nehru University, Delhi
(Venue: Dr. S Radhakrishnan Auditorium, Raman Block)
Session Coordinator: Dr. Anil Kumar Dubey
Seating Coordinator: Mr. Devendra Gautam

15:00 Hrs- 16:00 Hrs Valedictory Session
(Venue: Dr. S Radhakrishnan Auditorium, Raman Block)

15:00 Hrs- 15:10 Hrs Address by Prof. (Dr.) Divya Mishra, Head, Department of CSE, ABSESEC & General Co-Chair, CICTN 2023

15:10 Hrs- 15:30 Hrs Felicitation of Chief Guest Prof. (Dr.) DK Lobiyal, Jawaharlal Nehru University, Delhi

15:30 Hrs- 15:40 Hrs Brief Report Summary Report of CICTN 2023, by Co-Convener Dr. Anil Kumar Dubey

15:40 Hrs- 15:50 Hrs Award Ceremony

15:50 Hrs- 16:00 Hrs Vote of Thanks by Dr. Rohit Rastogi, Co-Convener, CICTN 2023

16:00 Hrs- 16:30 Hrs High Tea
Venue: Mezzanine Floor, Raman Block