

### Minute to Minute Schedule

## 3<sup>rd</sup> International Conference on Innovative Sustainable Computational Technologies (CISCT-2023)

Technically Sponsored by IEEE–UP Section  
and IEEE Young Professional  
in collaboration with  
AICTE  
&  
SERB-DST, Government of India

8<sup>th</sup> - 9<sup>th</sup> September 2023  
Graphic Era (Deemed to be University),  
Dehradun, India

**Day # 01**

**8<sup>th</sup> September 2023**

Venue: Chanakya Block,  
Graphic Era Deemed to be University

8:00 AM– 10:00 AM	<b>Registration</b> Venue: Registration Desk, Chanakya Block, GEU, Dehradun, India	
<b>Inaugural Session</b> Venue: Chanakya Block, GEU, Dehradun, India		
10:00AM - 10:55AM	09:00AM-09:05AM	Arrival of Guests
	09:05AM- 09:10AM	Welcome & Introductory Speech
	09:10AM-09:15AM	Felicitation of Guests
	09:15AM-09:20AM	Souvenir Unveiling
	09:20AM-09:25AM	Address by Convener
	09:25AM-09:30AM	Welcome address by Honourable Vice Chancellor
	09:30AM-09:35AM	Word of thanks to Honourable Vice Chancellor
	09:35AM -10:30AM	Keynote Address by: Prof. (Dr.) S.N. Singh, (Advisor) IEEE Director IIITM Gwalior, India On <i>“Intelligent System Applications in Solving Engineering Problems”</i>
10:30AM -10:40AM	Memento to Keynote Speakers & Vote of Thanks	
10:40AM -10:55AM	Group Photo	
10:55AM -11:10 AM	High Tea	
11:10 AM -11:50AM	Keynote Address by: Prof. (Dr.) Asheesh Kumar Singh, Department of Electrical Engineering, MNNIT, Allahabad On <i>“IEEE Standards”</i>	
11:10 AM - 2:05 PM	11:50 AM-12:30PM	Keynote Address by: Prof. (Dr.) Satish K. Singh, IIIT Allahabad On <i>“AI in Emerging Applications”</i>
	12:30 PM-1:15 PM	Keynote Address by: Prof. (Dr.) Ramesh C Bansal, Department of Electrical Engineering at University of Sharjah, UAE On <i>“Sustainable Computational Technologies”</i>
	1:15PM-2:00PM	Keynote Address by: Prof. (Dr.) Atif Iqbal Department of Electrical Engineering, Qatar University, Doha, Qatar

		On <b><i>“EV integration to Active Distribution Network-Challenges and Solutions”</i></b>
	<b>2:00PM-2:05PM</b>	<b>Memento to Keynote Speakers &amp; Vote of Thanks</b>
	<b>2:05PM-2:45PM</b>	<b>LUNCH</b>
<b>2:45 PM - 6:15 PM</b>	<b>02:45 PM – 04:15 PM</b>	<b>Technical Session - 1 (6 parallel tracks), Venue: CSIT Block</b>
	<b>4:15 PM- 6:00 PM</b>	<b>Technical Session - 2 (7 parallel tracks), Venue: CSIT Block</b>
	<b>06:15 PM onwards</b>	<b>Tea</b>
<b>End of the First Day</b>		

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Graphic Era (Deemed to be University),  
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**Day # 02**

9<sup>th</sup> September 2023

Venue: Chanakya Block, Graphic Era Deemed to be University, Dehradun, India

08:00 AM –  
10:00 AM

**Registration**  
**Chanakya Block Graphic Era Dehradun, India**

#### Opening Session

Venue: Chanakya Block, Graphic Era Dehradun, India

9:00 AM –  
6:40 PM

9:30 AM-9:35 AM	Arrival of Guests
9:35 AM- 9:40 AM	Introductory Speech
9:40 AM-9:45AM	Felicitation of Guests
9:45 AM-10:30AM	Keynote Address by: <b>Dr. Sateesh Kumar Peddoju</b> Department of Computer Science and Engineering Indian Institute of Technology, Roorkee On <b><i>“Agriculture as a Service”</i></b>
10:30 AM-10:40 AM	Group Photo
10:40AM-11:00 AM	High Tea
11:00 AM -11:45 AM	Keynote Address by: <b>Prof. (Dr.) Manoj Mishra</b> Department of Computer Science and Engineering Indian Institute of Technology, Roorkee On <b><i>“Authentication”</i></b>
11:45 AM - 12:30 PM	Keynote Address by: <b>Prof. (Dr.) Kamal Raj Pardasani</b> Maulana Azad National Institute of Technology Bhopal, Madhya Pradesh On <b><i>“Biocomputing”</i></b>
12:30 Noon- 1:15 PM	Keynote Address by: <b>Prof. (Dr.) Neeru Adlakhia</b> Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat On <b><i>“Data Science and Bioinformatics”</i></b>
1:15 PM -1:55 PM	Keynote Address by: <b>Dr. Mousa Marzband</b> Department of Mathematics, Physics, and Electrical

		Engineering Northumbria University, United Kingdom On <i>“Advanced Resilient Transport Electrification with Multi-Carrier Energy Integrated Systems”</i>
	1:55 PM-2:00 PM	<b>Memento to Keynote Speakers &amp; Vote of Thanks</b>
	2:00 PM-2:45 PM	<b>LUNCH</b>
	02:45 PM–04:15 PM	Technical Session - 1 (6 parallel tracks), Venue: CSIT Block
	04:15 PM- 06:10 PM	Technical Session - 2 (7 parallel tracks), Venue: CSIT Block
	06:10 PM – 06:40PM	Valedictory Session
	06:40 PM onwards	TEA
<b>Thanks, CISCT 2023</b>		

## List of Session Chairs

Dates	Timing	Technical Session (TS)	Tracks	List of chairs	
08/09/2023	02:45 PM – 04:15 PM	Technical Session (TS:1)	Track 1	Dr. Parmanad, Sharda University	Dr Aditya Pai, GEU
			Track 2	Dr. Rani Astya, Sharda University	Dr Jyoti Agarwal, GEU
			Track 3	Dr. Krishna Pal Sharma, NIT Jalandhar	Dr Ankur Choudhary, GEU
			Track 4	Dr. Sourabh Jain, IIIT Sonapat	Dr. Mohammad Wazid, GEU
			Track 5	Dr. Purnima K Sharma, Professor, Sri Vasavi Engineering College, Tadepalligudem-534101.	Dr. Manish Sharma, GEU
			Track 6	Dr Dinesh Sharma, Chandigarh college of engineering and technology, Chandigarh	Dr. Fahim Ansari, GEU
	4:15 PM- 6:00 PM	Technical Session (TS:1)	Track 7	Dr. Akhilesh Mathur, MNIT, Jaipur, Rajasthan, India	Dr. Noor Mohd, GEU
			Track 8	Dr. Gaurav Saini, HBTU Kanpur, Uttar Pradesh, India	Dr. Prakash Srivastava, GEU
			Track 9	Dr Nimal Madhu M., NIT Calicut, Kozhikode, Kerala, India	Dr. Teekam Singh, GEU
			Track 10	Dr. Anurag Chauhan, Rajkiya Engineering College Banda, Uttar Pradesh, India	Dr. Arun Chauhan, GEU
			Track 11	Dr. Prabhishkek Singh, Bennett University, Greater Noida, India	Dr. Pawan Kumar Mishra, GEU
			Track 12	Dr. Aditi Sharma, Department of Computer Science and Engineering, Parul University, Gujarat (India)	Dr. Parul Madan, GEU
			Track 13	Dr. Anchit Bijalwan, British University Vietnam, Hanoi, Vietnam	Dr. Ashwini Kumar Singh, GEU
09/09/2023	02:45 PM – 04:15 PM		Track 1	Dr. Parmanad, Sharda University	Dr Aditya Pai, GEU

		Technical Session (TS:2)	Track 2	Dr. Rani Astya, Sharda University	Dr Jyoti Agarwal, GEU
			Track 3	Dr. Krishna Pal Sharma, NIT Jalandhar	Dr Ankur Choudhary, GEU
			Track 4	Dr. Sourabh Jain, IIIT Sonapat	Dr. Mohammad Wazid, GEU
			Track 5	Dr. Purnima K Sharma, Professor, Sri Vasavi Engineering College, Tadepalligudem-534101.	Dr. Manish Sharma, GEU
			Track 6	Dr Dinesh Sharma, Chandigarh college of engineering and technology, Chandigarh	Dr. Fahim Ansari, GEU
			Track 7	Dr. Akhilesh Mathur, MNIT, Jaipur, Rajasthan, India	Dr. Noor Mohd, GEU
	4:15 PM- 6:00 PM	Technical Session (TS:2)	Track 8	Dr. Gaurav Saini, HBTU Kanpur, Uttar Pradesh, India	Dr. Prakash Srivastava, GEU
			Track 9	Dr Nimal Madhu M., NIT Calicut, Kozhikode, Kerala, India	Dr. Teekam Singh, GEU
			Track 10	Dr. Anurag Chauhan, Rajkiya Engineering College Banda, Uttar Pradesh, India	Dr. Arun Chauhan, GEU
			Track 11	Dr. Prabhishkek Singh, Bennett University, Greater Noida, India	Dr. Pawan Kumar Mishra, GEU
			Track 12	Dr. Aditi Sharma, Department of Computer Science and Engineering, Parul University, Gujarat (India)	Dr. Parul Madan, GEU
			Track 13	Dr. Anchit Bijalwan, British University Vietnam, Hanoi, Vietnam	Dr. Ashwini Kumar Singh, GEU

## PAPER PRESENTATION SCHEDULE

Venue: CSIT Block, GEU, Dehradun

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**Date: September 08 – 09, 2023**

**Venue: Graphic Era (Deemed to be University), Dehradun, India**

**Day 1 – Technical Session (TS:1) Date: 08/09/2023**

**Time: 02:45 PM – 04:15 PM**

<b>Sr. No</b>	<b>Track-1 (TS:1) Venue: Seminar Hall, CSIT Block</b>	<b>Track-2 (TS:1) Venue: Lab 1, CSIT Block</b>	<b>Track-3 (TS:1) Venue: Lab 2, CSIT Block</b>	<b>Track-4 (TS:1) Venue: Lab 4, CSIT Block</b>	<b>Track-5 (TS:1) Venue: Lab 5, CSIT Block</b>	<b>Track-6 (TS:1) Venue: Lab 6, CSIT Block</b>
1	306	512	703	82	249	255
2	127	517	4	143	70	107
3	241	518	6	347	110	136
4	344	551	53	369	92	374
5	243	557	283	501	101	198
6	247	586		555		204

**Day 1 – Technical Session (TS:1) Date: 08/09/2023****Time: 4:15 PM- 6:00 PM**

<b>Sr. No</b>	<b>Track-7 (TS:1) Venue: Seminar Hall, CSIT Block</b>	<b>Track-8 (TS:1) Venue: Lab 1, CSIT Block</b>	<b>Track-9 (TS:1) Venue: Lab 2, CSIT Block</b>	<b>Track-10 (TS:1) Venue: Lab 4, CSIT Block</b>	<b>Track-11 (TS:1) Venue: Lab 5, CSIT Block</b>	<b>Track-12 (TS:1) Venue: Lab 6, CSIT Block</b>	<b>Track-13 (TS:1) Venue: Lab 7, CSIT Block</b>
1	257	476	232	389	592	301	541
2	333	353	233	397	411	302	669
3	338	357	242	582	451	314	363
4	371	490	266	404	452	345	142
5	346	360	297	4045	464	358	
6	387	361	298	408	469	367	



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**Date: September 08 – 09, 2023**

**Venue: Graphic Era (Deemed to be University), Dehradun, India**

**Day 2 Technical Session (TS:2) - 09/09/2023**

**02:45 pm – 04:15 pm**

<b>Sr. No</b>	<b>Track-1 (TS:2) Venue: Seminar Hall CSIT Block</b>	<b>Track-2 (TS:2) Venue: Lab 1 CSIT Block</b>	<b>Track-3 (TS:2) Venue: Lab 2 CSIT Block</b>	<b>Track-4 (TS:2) Venue: Lab 4 CSIT Block</b>	<b>Track-5 (TS:2) Venue: Lab 5, CSIT Block</b>	<b>Track-6 (TS:2) Venue: Lab 6, CSIT Block</b>
1	620	502	629	652	606	21
2	608	516	631	654	63	23
3	609	561	634	655	507	33
4	614	575	635	661	677	41
5	617	601	641	662	352	105
6	627	706	103			217

**Day 2 Technical Session (TS:2) – 09/09/2023****04:15 pm – 06:00 pm**

<b>Sr. No</b>	<b>Track-7 (TS:2) Venue: Seminar Hall CSIT Block</b>	<b>Track-8 (TS:2) Venue: Lab 1 CSIT Block</b>	<b>Track-9 (TS:2) Venue: Lab 2 CSIT Block</b>	<b>Track-10 (TS:2) Venue: Lab 4 CSIT Block</b>	<b>Track-11 (TS:2) Venue: Lab 5, CSIT Block</b>	<b>Track-12 (TS:2) Venue: Lab 6, CSIT Block</b>	<b>Track-13 (TS:2) Venue: Lab 7, CSIT Block</b>
1	664	683	696	618	523	380	196
2	667	621	697	685	536	395	225
3	671	624	698	688	599	400	197
4	704	690	699	700	556	409	495
5	679	693	707	702	600	477	
6	682	695	701		564		

S. No.	Track	Track Details	S. No.	Track	Track Details
1	TS1:Track-1	i-Engineering	14	TS2:Track-1	i-Engineering
2	TS1:Track-2	i-Engineering	15	TS2:Track-2	i-Health
3	TS1:Track-3	i-Health	16	TS2:Track-3	i-Engineering
4	TS1:Track-4	i-Smart City	17	TS2:Track-4	i-Engineering
5	TS1:Track-5	i-Energy	18	TS2:Track-5	i-Engineering
6	TS1:Track-6	i-Engineering	19	TS2:Track-6	i-Health
7	TS1:Track-7	i-Engineering	20	TS2:Track-7	i-Engineering
8	TS1:Track-8	i- Smart City	21	TS2:Track-8	i-Engineering
9	TS1:Track-9	i- Health	22	TS2:Track-9	i-Engineering
10	TS1:Track-10	i-Engineering	23	TS2:Track-10	i-Health
11	TS1:Track-11	i-Engineering	24	TS2:Track-11	i-Engineering
12	TS1:Track-12	i-Health	25	TS2:Track-12	i-Health
13	TS1:Track-13	i-Engineering	26	TS2:Track-13	i-Engineering

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**\* Note:**

- 1. Paper presentation is subject to successful registration and submission of CRC with proper implementation of the comments by the reviewer and keeping the similarity index as per the directions mentioned in the notifications sent through email.**
  - 2. Paper presentation is mandatory for publication on IEEE Xplore.**
  - 3. Duration of the presentation will be 15-20 min for each paper including Q & A session. The slides must be as per the given guidelines/format.**
-

## Technical sessions

<b>TS 1: Track No. 1</b>	<b>Session Chair 1:</b>	<b>Session Chair 2:</b>
<b>Paper ID</b>	<b>Paper Title</b>	<b>Authors</b>
306	Deep Fusion: A CNN-LSTM Image Caption Generator for Enhanced Visual Understanding	Sumit Rai, Chandradeep Bhatt, Rahul Chauhan, Mukesh Kumar, Sanjay Sharma Deepika Dua,
127	Design of reconfigurable all-optical half-adder and half-subtractor using highly non-linear fiber	Nisha Sharma, Surinder Singh, Lovkesh
241	A REVIEW ON HUMAN POSE ESTIMATION USING MEDIAPIPE	Rahul Chauhan, Ikshit Dhyani, Himadri Vaidya
344	Non-Homogeneous Haze Image Formation Model based Single Image Dehazing	Banala Revanth, Manoj Kumar, Sanjay K. Dwivedi
243	Fake News Detection based on machine learning algorithm	Rahul Chauhan, Sachin Upadhyay, Himadri Vaidya
247	Sentiment Analysis of Restaurant Reviews Using Machine Learning Algorithms	Rahul Chauhan, Sachin Upadhyay, Himadri Vaidya

<b>TS 1: Track No. 2</b>	<b>Session Chair 1:</b>	<b>Session Chair 2:</b>
<b>Paper ID</b>	<b>Paper Title</b>	<b>Authors</b>
512	BigHeuFIM: A Heuristic Apriori Algorithm for Extraction of Frequent Itemsets on Big Data	ANU SHARMA, Atul Srivastava, ADITYA TRIPATHI, Neeraj Kumar Pandey, Amit Kumar Mishra
517	Influence of Deepfake Terminology on Content-Emerging Threat Reduction	Rajeev Tripathi, Vinay Kumar Mishra, Vivek Kumar, Alok Singh Sengar, Neeraj Kumar Pandey, Amit Kumar Mishra
518	Tomato Leaf Disease Detection and Identification using Machine Learning	Amit Kumar Mishra, Neeraj Kumar Pandey, Vivek Kumar, Neeraj Kumari, Deepak Kholiya
551	An Improved Hand Sign Recognition using Deep Learning	Neeraj Kumar Pandey, Amit Kumar Mishra, Daksh Singh, Abhishek Jaraut, Arpit Bisht
557	IOT Based Energy Efficient Smart Home Security	Vijay Karnatak, Saksham Mittal, Amit Kumar Mishra, Neeraj Kumar Pandey
586	Network traffic classifiers for Internet of Things Intrusion Detection using Machine learning	Anita Uniyal, Amit Kumar Mishra, Manushi, Yogesh pant

<b>TS 1: Track No. 3</b>	<b>Session Chair 1:</b>	<b>Session Chair 2:</b>
<b>Paper ID</b>	<b>Paper Title</b>	<b>Authors</b>
703	Real time fruit recognition and calories estimation using CNN and model deployment on amazon's AWS	Vikas Kumar Roy, Ganpati Kumar Roy, Vasu Thakur, Nikhil Baliyan, Nupur Goyal, Yash Chauhan
4	Protection of Whistle-Blower of White-Collar Crime: A Technological Perspective	Kanika Singh, Rajesh Bahuguna, Minakshi Memoria, Tanupriya Chaudhary, Ashulekha Gupta
6	Enhanced Metasurface-MIMO Antenna Design for RF Energy Harvesting Applications Using Different Algorithms	Mullangi Vinod kumar, Dr Dinesh Sharma
53	A comprehensive review of AI-enabled financial domain: past, present & future aspects	Shivam Bhatt, Prabhishek Singh
283	Real Time Theft Detection Using YOLOv5 Object Detection Model	Varun S,V M Bhuvanesh

<b>TS 1: Track No. 4</b>	<b>Session Chair 1:</b>	<b>Session Chair 2:</b>
<b>Paper ID</b>	<b>Paper Title</b>	<b>Authors</b>
82	State of Art of School Education in Rural Areas of Yavatmal District in the State of Maharashtra in India Based on a Real Survey	Kalpana Batghare, Prof. (Dr.) Anil Kumar Dixit, Prof. (Dr.) Minakshi Memoria, Sagar Saxena, Dr. Manish Bilgaye, Dr. Ashulekha Gupta
143	Smart bus pass management system	Tirumala Ashwini, Mohammed Aslam, Mohammed Mudassir ali, Lanke Pallavi
347	Analytical Review of the Trends of Microfinance Sector in India on Lending Assets	Niloy Kumar Bhattacharjee , Sayanti Samanta, Gargi Lahiri ,Bhaswati Roy,, Sandip Mukherjee, Subir Gupta
369	IoT Based Automatic Traffic Light And Speed Breaker System	Devraj Gautam, Sandeep Bhatia, Bharat Bhushan Naib and Neha Prajapati
501	Pedestrian Safety Management System Using Automatically Retractable Bollards	Shreya Shukla, Arvind Kumar, Vedant Srivastava, Sugam Kumar
555	IoT-enabled Smart Waste Management: Leveraging the Power of IoT for Sustainable Solutions	Righa Tandon and Abhishek Bansal

<b>TS 1: Track No. 5</b>	<b>Session Chair 1:</b>	<b>Session Chair 2:</b>
<b>Paper ID</b>	<b>Paper Title</b>	<b>Authors</b>
249	Substantial Capabilities of 3-Axis Robotic Arm in Industry Automation Applications	Gaurav Sharma, A. Sri Ganesh, Sandeep Kumar, Manjeet Kharub, A. Anitha, Vivek Kanwar
70	Digitization's Impact on the Legal Landscape: Transforming the Legal Profession	Ravi Kant; Prof. (Dr.) Anil Kumar Dixit; Prof. (Dr.) Minakshi Memoria
110	ROLE OF FASHION IN ARTIFICIAL INTELLIGENCE IN DIGITAL AGE	Suman Rani(Research Scholar),Minakshi Memoria,Rajiv Kumar
92	DAAED: A Deep Autoencoder based Adversarial Example Detection Technique	Vivek Kumar, Manish Kumar
101	Ace of cyber security and its emerging trend on latest technology	Puneet Kanti, Gunjan Rawat, Jagdeep Singh Reshi, Minakshi Memoria,
103	D-STATCOM LOAD COMPENSATION ALGORITHM IN A CONTAMINATED SUPPLY NETWORK BASED ON INSTANTANEOUS REACTIVE POWER	Mukesh Pushkarna, Preet Dixit, Abhishek Singh Chaudhary, Shivam Bhardwaj, Govind Singh

<b>TS 1: Track No. 6</b>	<b>Session Chair 1:</b>	<b>Session Chair 2:</b>
<b>Paper ID</b>	<b>Paper Title</b>	<b>Authors</b>
255	Age based Hybrid Recommendation System using Machine Learning	Andhoju Karthikeya, Alle Aniesh Kumar, Chennuri Manicharan, Shanmugasundaram Hariharan, Vinay Kukreja, Andraju Bhanu Prasad
107	Analysis of Various Security Threats and Defence Mechanism for The Vehicular Ad-hoc Networks (VANETs)	Kuldeep Narayan Tripathi, Sandeep Gupta, Gagandeep Kaur, Rohit Agrawal, Ranjeet Kumar Singh
136	Automatic Brain Tumor Classification Using deep CNN and Transfer Learning model with EfficientNet approach	Ashish Sharma, Shristi Pathak, Shreyansh Geldra, Suraj Bisht, Vijay Sharma
374	Analytical Review of the Trends of Microfinance Sector in India on Lending Assets	Niloy Kumar Bhattacharjee , Sayanti Samanta, Gargi Lahiri , , , Bhaswati Roy,, Sandip Mukherjee, Subir Gupta
198	Turbine & Generator Efficiency Evaluation for a Low Head Cascaded Hydro Power Station	Manish Bharat, Ramya P, Ritesh Dash
204	Detection of COVID-19 Using Convolutional Neural Networks”	Arshita Srivastava, Shubham Mishra

<b>TS 1: Track No. 7</b>	<b>Session Chair 1:</b>	<b>Session Chair 2:</b>
<b>Paper ID</b>	<b>Paper Title</b>	<b>Authors</b>
257	Enhancing Facial Emotion Recognition through Deep Learning and Image Pre-processing	Ekta Singh, Parma Nand
333	Soil Nutrient Analysis in Agricultural Crops	Aditya Pai H, Mahesh TR, Saravana Kumar R, Chandramma R, Bhagavant K. Deshpande, Omswaroop T M
338	Exploring the Trends of Bitcoin Research in COVID-19 Era: A Bibliometric Study	Sarveshwar Kumar Inani, Gaurav Kabra, Peterson Owusu Junior, Arun Balodi
371	Detecting Buildings from Remote Sensing Imagery: Unleashing the Power of YOLOv5 and YOLOv8	Himadri Vaidya, Akanksha Gupta, Kamal Kumar Ghanshala
346	CYBER CRIME PREVENTION AND TECHNIQUES: A COMPREHENSIVE SURVEY	SHUBHAM,ROUSHAN KUMAR,ARNAV ADITYA
387	3D image classification based on Multi view CNN using 2D images	Premanand Ghadekar , Mrugakshi Deshmukh, Shreyash Deshmukh, Devansh Jangid, Dhanashree Dewalkar, Rushikesh Dighole

<b>TS 1: Track No. 8</b>	<b>Session Chair 1:</b>	<b>Session Chair 2:</b>
<b>Paper ID</b>	<b>Paper Title</b>	<b>Authors</b>
476	Fuzzy PI controller for back-to-back converter in Multi Frequency System for loss minimization	Fuzzy PI controller for back-to-back converter in Multi Frequency System for loss minimization
353	Fuel Economy Optimization for Different Drive Cycles in Hybrid Electric Vehicle	Kanchan yadav, Nishesh nigam, Sanjeev kumar shah, Ahmed akhayyat, Shashank pareek , Jasgurpreet singh chohan
357	FACE MASK DETECTION USING CNN MODEL AND TRANSFER LEARNING	Gaurav Gulati, Rajat Jain, Harsh Anand Jha, Moolchand Sharma, UMESH GUPTA, Divya Arora
490	Performance Evaluation of PSO and its Variants for Odor Source Localization	Dr.Upma Jain,Vipashi Kansal,Shruti Bhatla
360	ConvNext: A Contemporary Architecture for Convolutional Neural Networks for Image Classification	Agastya Todi, Navya Narula, Moolchand Sharma, Umesh Gupta
361	Face and Iris Recognition Using Neural Network: A Review	Seema Rani, Neeraj Mohan , Priyanka Kaushal

<b>TS 1: Track No. 9</b>	<b>Session Chair 1:</b>	<b>Session Chair 2:</b>
<b>Paper ID</b>	<b>Paper Title</b>	<b>Authors</b>
232	Measuring performance ability threshold of an individual under perceived stress with cognitive load : A comprehensive approach	Nairanjana Chowdhury, Chandan Kumar Bhattacharyya
233	Secure, Reliable and Transparent Patient-Centered Health Record Management Framework Using Blockchain Technology	Sigma Samantasinghar, Soubhagya Ranjan Mallick, Deepti Mishra, Shantilata Palei, Rakesh Kumar Lenka, Rabindra K. Barik
242	Potato Disease Detection and Recognition using Deep Learning	Rahul Chauhan, Abhinav Prajapati, Himadri Vaidya
266	A Machine Learning Framework for Accurate Prediction of Parkinson's Disease from Speech Data	Srinivasa Rao Burri, D. K. Agarwal, Narayan Vyas, Ronak Duggar
297	Machine Learning Techniques for Hate Speech Detection on Social Media	Chandradeep Bhatt, Nancy Saini, Rahul Chauhan, Ashok Kumar Sahoo
298	Web Scraping Techniques and Its Applications: A Review	Chandradeep Bhatt, Ayush Bisht, Rahul Chauhan, Ashish Vishvakarma, Mukesh Kumar, Sanjay Sharma

<b>TS 1: Track No. 10</b>	<b>Session Chair 1:</b>	<b>Session Chair 2:</b>
<b>Paper ID</b>	<b>Paper Title</b>	<b>Authors</b>
389	Accessible e-news summary browser extension for visually challenged users	Tamma Rajyalakshmi , K.S.Kuppusamy
397	Agricultural Drought Index Selection using Probability Distribution: Statistical and Linear Regression Approach	Ritu Khandelwal, Hemlata Goyal, Rajveer Singh Shekhawat
582	Automatic anomaly detection by network traffic analysis	1. Subhajit Sahana 2. Moitri Dey 3. Shyam Sai Ganesh 4. Piyush Kumar 5. Rojalina Priyadarshini 6. Nachiketa Tarasia 7. Rabindra K. Barik
404	Multi-factor Analysis of RSA Based on Variations in Primes Used for Modulus Generation	Adyasha Dash, Ansh Sarkar, Ashutosh Chatterjee, Subhashree Darshana, Manjusha Pandey, Rabindra K. Barik
405	A Review of Research on Road Feature Extraction through Remote Sensing Images Based on Deep Learning Algorithms	Jyoti Pruthi, Sunita Dhingra
408	Feature Selection in Wireless Intrusion Detection System for Evil Twin Attack Detection	Abhijit Kamble, Dr. Deepak Kshirsagar



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411	Comparative Analysis of Octave and Band Pass Filter for Improving Hearing Capability of Deaf People	Lalit Negi, Manju Kumari, Ramanpreet Kaur
451	Comparative Analysis of Homography Technique based on RANSAC and Least Square Method	Geetanjali Babbar, Rohit Bajaj
452	A wide Analysis of loss functions for image classification using convolution neural network	Janaki Raman Palaniappan
464	Deep Learning based Cryptanalysis on SLIM cipher	Vignesh Rajakumar, Chungath Srinivasan, Lakshmy KV
469	Transformer 4.0 – A Smart Transformer for a Smarter Living	Sanjay S Tippannavar, Yashwanth S D

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302	Early Detection of Breast Cancer by using Machine Learning Algorithms	Navita Rawat , Kapil Sethi
314	Traditional Approach for Examining the Relation between Sleep and Cognitive Functioning	Aisha Agarwal, Aditi Agarwal, Ayush Pandey, Animesh Das, Aarush Acharya, Ankur Maurya
345	In-Silico Analysis for Differentially Expressed Genes in Multiple Sclerosis: Exploring Promising Biomarkers	Aastha Kaushik, Pravir Kumar
358	Role of Artificial Intelligence in Haematological Disorders.	Vivek Kumar garg and Shaker yousuf
367	Role of Artificial Intelligence in Thyroid Disorder	Damini Guleria, Vivek Kumar Garg

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363	Active and Reactive Power Coordination of Electric Vehicles in Reconfigurable Smart Grid.	Abhishek Kharra, Rajive Tiwari, Jyotsna Singh, Tanuj Rawat
142	Implementation of the Capacitive transducer for Flood Detection	Aditya Pai H, Jayatheertha Bharadwaj .C, Bhanu Prakash. B, Harshavardhan .CH, B Sai Vaibhav, Mahesh T R

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608	The Significant Impact of E-commerce on Small and Medium-Sized Enterprises	Cheong Jia Qi, Srikanta Kumar Mohapatra, Md. Ashraful Babu, Sayedul Anam, Jayashree Mohanty
609	Strategical Implementation of Autonomous Vehicle Navigation System	Srikanta Kumar Mohapatra, Farida A. Ali, Prakash Kumar Sarangi, Premananda Sahu, Jayashree Mohanty
614	An investigation into the efficacy of RANOREX Software Test Automation Tool	Soubhagya Ranjan Mallick, Rakesh K Lenka, Sadhna Sudershana, Anita Sahoo, Shantilata Palei, Rabindra K Barik
617	Flood risk mapping using GIS of Mumbai District, India	Utkarsh Shastrakar, Pratiksha Ghule, Anjali A Jagtap, Varsha Degaonkar
627	Filter Approaches For Dimension Reduction On Microarray Data	Binita Dash & Rasmita Dash

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502	Chronic Kidney Disease Prediction Using Robust Approach In Machine Learning	Anurag, Narayan Vyas, Vishal Sharma, Deepak Balla
516	Diagnostic probes designed for detection of mycobacterium tuberculosis - An insilico approach	Dinesh Rotake (IEEE Member), Shiv Govind Singh, Arpita Parakh, Jitendra B. Zalke
561	Understanding the role of alkaloids in therapeutic targeting of UBE3A in alzheimers disease	Neetu Rani, Pravir Kumar
575	The Tracking System for E-Healthcare Employs IoT and Machine Learning Techniques	Parthasarathi Pattnayak, Suchismita Rout, Sameer, Sanghamitra Patnaik, Sudhansu Shekhar Patra
601	Application of E-Healthcare Based on Machine Learning in an Internet of Things Ecosystem	Parthasarathi Pattnayak, Sanghamitra Patnaik, Arpeeta Mohanty, Tulip Das
706	Human Mental Health Investigation in Internet Era	Akanksha Joshi, MMS Rauthan, Rohan Verma

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631	Forecasting Cardiovascular Disease Using Deep Learning	Dalwinder Singh, Arun Singh, Manik Rakhra, Janpreet Singh, Rakesh Kumar
634	Deep Learning-Based Diagnostic Tool for Brain Tumours	Arun Singh, Manik Rakhra, Dalwinder Singh, Arvind Sharma, Rakesh Kumar
635	Secure Image Encryption using Playfair Cipher with Quadrant-Based Division	Manik Rakhra, Dalwinder Singh, Arun Singh, Baljinder Kaur, MD Khadimul Islam Zim , Janpreet Singh
641	A Comparative Analysis of Capacitor-based Cell Equalization Methods for Li-ion Batteries	Garima Panwar, Ravi Saxena

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654	Detecting and Analyzing Threats for Network Traffic Control using Machine Learning Approaches	Richa Mathur, Ritam Dutta
655	Activity Detection of Estrogen Receptor Alpha Ligand Binding Domain using Proposed Ensemble Learning	Vishan Kumar Gupta, Sarvesh Vishwakarma, Darpan Anand, Arun Kumar, Harish Tiwari, Ankit Kumar
661	Time Series Forecasting of the Microsoft Corporation Stock Price	S. Neelima, J. Easubatham Armstrong Anand, A. Hari Hara Nath Reddy, S. Rajeshwari, S. Mekala, Anurag Dutta
662	Outage and Throughput Performance of NOMA inspired Cognitive IoT Network with Imperfect SIC	P. Bachan, Diwakar Agarwal

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63	Towards Dynamic Performance Enhancement for Wind-Driven PMSG: A Developed Particle Swarm Optimizer-Based Controller	Mohamed Metwally Mahmoud Mohit Bajaj Deeksha Naithani Noha Anwer
507	Sustainable Data Dependency Resolution Architectural Framework to Achieve Energy Efficiency Using Speculative Parallelization	Sudhakar Kumar, Sunil K. Singh, Naveen Aggarwal
677	Water Quality Prediction and Estimate Percentage of Water Generated from a Device to Convert Atmospheric Moisture into Water	Prachi Patel , Anaida Lewis , Bhumika Mange , Harsh Mangukiya , Narendra Shekokar
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23	Impact of Distribution and Promotional Expenditure on The Profitability of The Pharmaceutical Firms in India	Vignesh Sengunthar, Shailesh Rastogi, Rahul Singh Gautam, Prashant Barge, Hitesh Datta Patole, Vishwanath Narayan Revankar
33	Thyroid Disease Detection Using Supervised Machine Learning Techniques	Aryan Tiwari, Gaurav Singh, Shailja Singh & Tarun Jain
41	Combining Handcrafted and CNN Features for Robust Breast Cancer Detection using Ultrasound Images	Barsha Abhisheka, Saroj Kr. Biswas, Soumen Das, Biswajit Purkayastha
105	Medical Image Denoising and Brain Tumor Detection using CNN and U-Net	Basu Dev Shivahare, S. K. Gupta, Alok Nath Katiyar, Punitha S, Prabhishek Singh, Manoj Diwakar
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667	Streamflow forecasting of Teesta River for a hilly sub-tropical humid zone ANN ANFIS based models	Ankit Negi, Kishan Singh Rawat, Mahesh Chandra Shah, Ankit Nainwal, Anoop Bahuguna
671	A Comparative Study for Chest X-rays indicating Tuberculosis	Shivangi Singh, Shreyas Rai, Shivansh Nautiyal, Anupkumar M Bongale*, Prachi Kadam
704	Comparative Analysis of Deep Learning-Based Brain Tumor Prediction Models Using MRI Scan	Syam Machinathu Parambil, M. Dharani, Nitin Thapliyal, Nagendar Yamsani, Jagendra Singh, Prabhishek Singh
679	A Soil CO2 Monitoring Wireless Sensor Network (SENSENET)	Vaibhav Pratap Singh, Nitin Chandrachoodan, Anil Prabhakar
682	An empirical study of Deep Learning Techniques for Diabetic Retinopathy Detection	Trilok Nath Pandey, Shyam Sankalp Pattnaik, Sanyam Sharma, Vishvajet Ravalekar, Bibhuti Bhusan Dash, Sudhansu Shekhar Patra

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621	Validation of Adder blocks with Shared Resource Methodology for Precise Cell Boundary Identification in Biotechnology Applications	Saravanakumar C, Usha Bhanu N, Subhashini N, Sureshkumar V, Marirajan S, Sandhya VP ,
624	Credit card default prediction using machine learning models	Hritwiz Yash, Affan, Kumar Saurav, Sumit Singh Dhanda
690	An Investigation of Various Methods for Evaluating the Measurement Uncertainty	Harshvardhan Choudhary, D. Vaithyanathan, Girija Moona, Harish Kumar
693	DRONE BASED SMART AGRICULTURE MONITORING SYSTEM FOR CHICKPEA CROP	Anurag Chauhan, Gaurav Dwivedi, Mohd Tauseef Khan, Ankit Bhatt
695	A Concise Review of MRI Feature Extraction And Classification With Kernel Functions	Jagendra Singh, Chandrakala Arya, Nagendar Yamsani, Mohit Kumar, Prabhishek Singh, Vivek Kumar Bhagat

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697	Unlocking the Power of Natural Language Processing through Journaling with the Assistance	Amit Kumar Mishra, Krishna Kant Bharti, Jagendra Singh, Srinivas Aluvala, Prabhishek Singh, Kaushal Kishor
698	Advancing Bug Detection in Solidity Smart Contracts with the Proficiency of Deep Learning	Syam Machinathu Parambil , Chandrakala Arya, Srinivas Aluvala, Jagendra Singh, Prabhishek Singh, Ashok Murugesan
699	Revolutionizing Farm Irrigation: A Smart IoT-based Solution for Water Conservation in Agriculture	Mahalakshmi G, Pandiaraja P, Apirajitha P S, Punitha S, Soujanya T, Thompson Stephan
707	Various Approaches of Convolutional Neural Network-Based Recognition of Handwritten Devanagari Characters	Dr. Prashant Sopanrao Kolhe
701	INTRUSION DETECTION SYSTEM USING ENSEMBLE TECHNIQUE	Namo Jain, Mukund Pratap Singh, Kuldeep Chaurasia, Gobinath Ravindran

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618	Comparative Study of Machine Learning Techniques on Chronic Kidney Disease Prediction	Soumyarashmi Panigrahi, Dibya Ranjan Das Adhikary, Binod Kumar Pattanayak, Bibhuprasad Mohanty, Bibhuti Bhusan Dash, Sudhansu Shekhar Patra
685	PREPROCESSING METHODS TO IMPROVE PERFORMANCE OF IMBALANCED DATA IN HEALTHCARE	FATHIMA BEGUM M, SUBHASHINI NARAYAN
688	Predicting Diseases with Symptom Data using Machine Learning	Anshul Kumar, Tarun Jain, Virendra Tiwari, Pradeep Kumar Tiwari
700	Enhanced Health Monitoring using IoT-Embedded Smart Glove and Machine Learning	Senthilnayaki B, Pandiaraja P, Preeti Gupta, Srinivas Aluvala, Thompson Stephan
702	Compressed Deep Learning and Transfer Learning Model for Detecting Brain Tumour	Saurabh Dixit, C.L.P. Gupta

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536	Flood Mapping of Mumbai Using Sentinel Datasets	Utkarsh Shastrakar, Pratiksha Ghule, Ajinkya Gude, Anjali A Jagtap, Varsha Degaonkar
599	Analyses the Predictive Power of Machine Learning Procedures Over Multi Diseases Datasets	Tarun Kumar Agarwal, Baldev Singh, Nilam Chaudhary
556	AI Revolutionizing Digital Marketing: Current Tools, Key Aspects, and Future Directions	Astitav Mittal, Righa Tandon and P.K. Gupta
600	Assessing Intrusion Detection Process Using ML Techniques: Issues, Options, and Potential Future Directions	Ankesh Gupta, Baldev Singh, Nilam Chaudhary
564	Analysis of Various Machine Learning Regression Models for AQI Prediction	UmaRani V, Thirisa S

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395	Computerized Framework for Yoga Pose Estimation Using Deep Learning Algorithm	Tushar Singh Bist, Indrajeet Kumar, Rahul Chauhan
400	Performance Analysis of Drug Toxicity Prediction Using Machine Learning Approaches	Deepak Rawat, Meenakshi, Rohit Bajaj
409	SKIN CANCER DETECTION USING CONVOLUTION NEURAL NETWORK	Deyasini Mitra, Drumil Patel, Manarth Bhavsar, Tanmay Sule, Ankit Sharma
477	Role of artificial intelligence in mode of diabetic retinopathy imaging techniques: a review Artificial Intelligence in Diabetic retinopathy	Alpana Kumari, Vivek Kumar Garg

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225	AI Based Stock Market Prediction-Theoretical Perspective	Prenjal Tayal, Farman Ali, Shweta Pandey, Rajesh Singh, Jayapal Lande and Vikrant Pachouri
197	Artificial Intelligence and Internet of Things Intersection in Green Energy	Siddhant Pant, Poonam Rawat, Samta Kathuria, Rajesh Singh, Yerrolla Chanti and Vikrant Pachouri
495	Identification and screening of BACE1 inhibitors using Drug Repurposing: A Computational Approach	Sourabh Sharma, Yasha Hasija