

Department of Electronics & Communication Engineering

5th International Conference on “Advances in AI for Biomedical Instrumentation Electronics and Computing (ICABEC- 2023)” on 22nd & 23rd, December 2023

Program Schedule

Day-1

Inaugural Session

Offline & Online ([Joining Link](#))

Date: 22nd December 2023, Venue: (KIET Auditorium)

Time	Program Details
09:00 AM- 09:45 AM	Registration & High Tea
09:45 AM – 10:00 AM	Arrival of Guests & Participants (KIET Auditorium)
10:00 AM – 10:02 AM	Welcome of Chief Guest, Guest of Honor and Dignitaries
10:02 AM – 10:05 AM	Lamp Lightening & Maa Sarasvati Vandana
10:05 AM – 10:07 AM	Video about KIET Group of Institutions, Delhi-NCR, Ghaziabad, India
10:07 AM – 10:10 AM	Welcome Address & Conference Theme By Dr Vibhav Kumar Sachan , Dean (R&D) and HoD (ECE)
10:10 AM – 10:25 AM	Conference Address By Dr. Shailesh Tiwari , Additional Director, KIET Group of Institutions, Delhi-NCR, Ghaziabad, India
	Conference Address By Dr. Manoj Goel , Joint Director, KIET Group of Institutions, Delhi-NCR, Ghaziabad, India
	Conference Address By Dr Anil Ahlawat , Director In-charge, KIET Group of Institutions, Delhi-NCR, Ghaziabad, India
10:25 AM – 10:27 AM	Video about 5 th International Conference on ICABEC-2023
10:27 AM – 10:37 AM	Conference Address by the Guest of Honor Dr. Karoon Agrawal (MBBS, MS, MCh (Plastic Surgery), Director, National Heart Institute, New Delhi)
10:37 AM – 10:47 AM	Conference Address by the Guest of Honor Prof. (Dr.) Abhishek Tomar (G. B. Pant Agriculture & Technological University, Uttarakhand)
10:47 AM – 10:48 AM	Release of the Conference Souvenir
10:48 AM – 11:03 AM	Conference Address by Hon^{ble} Chief Guest Prof. J. P. Pandey , Vice Chancellor, AKTU, Lucknow
11:03 AM – 11:05 AM	Vote of Thanks By Dr. Ruchita Gautam , Associate Dean R&D, KIET Group of Institutions, Delhi-NCR, Ghaziabad, India
11:05 AM-11:06 AM	National Anthem
11:06 AM – 11:30 AM	Keynote Talk-1 By Mr. Pratyush Roy (Education Team, MathWorks, India)

Technical Session-I (Online)

Date 22.12.2023 & Time 11:30 AM - 1:00 PM, Venue: KIET Auditorium

Track: - "AI Based Biomedical Instrumentation"

Online [Joining Link](#)

Session Chair: Dr. K. Nagarajan, Dr. Shubham Shukla, Dr. Manish Singh

Session Rapporteur: Mr. Balram Tamrakar

S. No.	Paper_ID	Paper Title	Author's Name	Joining Link	Mode of Presentation
1.	RP-ICABEC-2023/118	5G Network - Deployment, Status and Roadmap in Indian Telecom Ecosystem	Manu Srivastava	Joining Link	Online
2.	RP-ICABEC-2023/02	Enhancing Diabetic Retinopathy Detection Using Ensemble Deep Learning	Sk. Feroz Ahmed, Y. Yaswanth Chowdary, Dr. B. JYOSTNA DEVI, Mr. Rajasekhar Konda		Online
3.	RP-ICABEC-2023/111	Analysis of Different Categories of Prediction Methods In Intelligent Transport VANET System	R. Gracelin Sheeba, N. Edna Elizabeth		Online
4.	RP-ICABEC-2023/31	Review On Multi-Robot Path Planning In Complex Industrial Dynamic Environment Using Improved Nature Inspired Techniques	Subhash Yadav, Shubham Shukla, Ritu Tiwari		Online
5.	RP-ICABEC-2023/28	Medical Assistance Bot: DOBO	Shobhit Singh Rawat, Yashdeep Tyagi, Yash Rajput, Suyash Kumar Srivastava, Dr. Sulekha Saxena		Online
6.	RP-ICABEC-2023/03	Machine Learning Approach For Air Quality Prediction And Classification Using Random Forest And SVM Algorithms	Sk. Feroz Ahmed, Rushvi Sajja, Dr. B. JYOSTNA DEVI, Mr Rajasekhar Konda		Online
7.	RP-ICABEC-2023/81	Comprehensive study of reviews from social media using machine learning techniques	Rohini G. Khalkar, Dr. M.S.Bewoor, Mr.Sampat, P.Medhane		Online
8.	RP-ICABEC-2023/05	Predicting Missed Appointments in Dental Clinic: Enhanced Risk Assessment with Multiple Learning Techniques	Jeffin Joseph, S. Senith, A. Alfred Kirubaraj, S.R. Jino Ramson		Online
9.	RP-ICABEC-2023/06	Optimization of Leakage Power Consumption in D-Flip Flop Using Hybrid Techniques D-Flip Flop Using Hybrid Techniques	Amiya Prakash, Priyanaka Jain		Online
10.	RP-ICABEC-2023/08	YOLO Based Road Anomaly Detection for Indian Roads	Jyoti Tripathi, Bijendra Kumar, Karan Ahlawat, Sanskriti Jain, Ashwani Chauhan		Online

11.	RP-ICABEC-2023/09	Job Recommendation System based on Content-Based Filtering	Anu Saini, Jyoti Tripathi, Mohd Faraz, Mohd Kaif	<u>Joining Link</u>	Online
12.	RP-ICABEC-2023/10	Wonder Vision: A Smart Stick for Visually Impaired People	Sunita Tiwari, Manjeet Singh Pangtey, Golu Kumar, Raghav K. Jha, Sambhav Anand		Online
13.	RP-ICABEC-2023/11	C Band Application-Oriented H-Shaped Patch Antenna Design	B. Jeyapoornima, J. Joselin Jeya Sheela		Online
14.	RP-ICABEC-2023/12	Microcavity based 2D Photonics crystal biosensor for detection of COVID-19	Vijay Laxmi Kalyani, Dr. Virendra Kumar Sharma		Online
15.	RP-ICABEC-2023/15	LSTM Model for Stock price prediction	Nissankara Lakshmi Prasanna, Rajesh Babu Yallamanda, Rama devi Gunnam, T Kameswara Rao		Online
16.	RP-ICABEC-2023/16	A Systematic study of image/data sharing security methods using MAES	B Satyaramamanoahar A, Dr.T.Bernatin,P S D Anvesh		Online
17.	RP-ICABEC-2023/18	Compact-Size Frequency Reconfigurable Antenna for Sub-6 GHz 5G Applications	Sachin Kumar, Himanshu Nagpal, Ghanshyam Singh, Harlan		Online
18.	RP-ICABEC-2023/20	ASIC Acceleration of Floating-Point Arithmetic: Empowering Fast and Reliable Computations	Kapileswarreddy Siddireddy and Ganapathi Hegde		Online
19.	RP-ICABEC-2023/22	Design and Comparative Analysis of Inverter based OTA using FinFET and CNTFET	Mohammad Aleem Farshori, M. Nizamuddin		Online

01:00 PM
-
01:45 PM

Lunch

Technical Session-I (Contd...)

Date 22.12.2023 & Time 01:45 PM - 05:00 pm, Venue: KIET Auditorium

Online [Joining Link](#)

Track: - "AI Based Biomedical Instrumentation"

Session Chair: Dr. K. Nagarajan, Dr. Shubham Shukla, Dr. Manish Singh

Session Rapporteur: Mr. Balram Tamrakar

20.	RP-ICABEC-2023/141	Correlates of integrated marketing communication with respect to banking industry in India	Dr. Preeti Jain, Dr. Nipun Aggarwal, Dr. Ashish Saihjpal, Dr. Arvinder pal Kaur	<u>Joining Link</u>	Online
21.	RP-ICABEC-2023/77	Analysis of Various Topic Modeling Algorithms using Internal-Quality Metrics	Astha Goyal Indu Kashyap		Online

22.	RP- ICABEC- 2023/29	Performance Analysis of WDM-FSO system Using RAMAN-EDFA and MIMO for Light Rain	Abhinav Pratap Shahi, Abhishek Tripathi, Ankit Kumar, R. L. Yadava	<u>Joining Link</u>	Online
23.	RP- ICABEC- 2023/39	Disease Diagnosis with Instant First Aid and Medicine Recommender	Akansha Shukla, Dr. Nandita Goyal, Dr. Shivani Agarwal, Kartikeya Patel		Online
24.	RP- ICABEC- 2023/43	Exploring Smartphone-Driven Indoor Localization Systems: A Systematic Literature Review	Prashant Kumar, Chandan Kumar, Gaurav Jain Akanshi Gupta		Online
25.	RP- ICABEC- 2023/48	Enhancing Sensing and Prediction Accuracy of Earthquake Using Machine Learning Algorithms	Surbhi Bharti, Sakshi Gupta, Sakshi Gupta		Online
26.	RP- ICABEC- 2023/50	Intelligent Smart-Watch for Enhanced Cardiovascular Health Management	S.T Rama, S. Heeravathi, R. Ragul		Online
27.	RP- ICABEC- 2023/54	A review on comparative analysis of various reconfiguration techniques	PUSHPENDER & S.Khatoon, M.F.Jalil		Online
28.	RP- ICABEC- 2023/55	Novel Memristor-CMOS Based Domino Self-Resetting HalfAdder Design for Fast and Low-Power Biomedical Applications	M. Gupta, K. Gupta, M. Bhutani		Online
29.	RP- ICABEC- 2023/57	Prediction of Pulmonary Arterial Hypertension from	Azra Nazir , Azra Nazir, Nidha Nazir		Online
30.	RP- ICABEC- 2023/62	UAV meets VANET: A Hybrid Model for Performance Enhancement in Smart Cities	Hunny Pahuja, Manoj Sindhvani, Shippu Sachdeva		Online
31.	RP- ICABEC- 2023/63	Vending Machine for Medicine Using Automated Arm Mechanism	Pankaj Kumar, Kaushal Saraf, Prakhar Nigam, Rishi Yadav, Kartik Verma, Divya Sharma		Online
32.	RP- ICABEC- 2023/66	Implementation And Design of Traffic Light Controller Using Verilog	Kavya Kumar Tayal, Dr. Ajay Suri		Online
33.	RP- ICABEC- 2023/67	Design And Implementation of Vedic Multiplier	Khushi Mishra, Dr. Ajay Suri		Online
34.	RP- ICABEC- 2023/76	Credit Card Fraud Detection with Formula based Authentication	Dr.P.Asha, Bhavya Babu, Dr. B. Ankanarkanni, Dr. L.K. Joshila Grace, Dr. A. Christy, Dr. R. Subhashini		Online

35.	RP-ICABEC-2023/78	Cancer Prediction: A Comparative Analysis of Advanced Machine Learning Models for Accurate Diagnostics	Greeshma, Arya Maithili Singh, Abha Bhardwaj	<u>Joining Link</u>	Online
36.	RP-ICABEC-2023/136	Review of Performance Parameters of PV Array Based on Different Configurations Operating in Mismatch Scenarios	Aisha Naaz, Mohd. Faisal Jalil, Shahida Khatoon, Pushpender		Online
37.	RP-ICABEC-2023/100	Code converter realization in IoT by TCP/IP network layer through node MCU and LabVIEW	G. Dhanabalan, H.B. Michael Rajan, R. Ashok		Online
38.	RP-ICABEC-2023/71	Beyond Borders: Redefining Dynamics of Nativeness and Migration on Cyberspace	Leanora Pereira Madeira		Online
39.	RP-ICABEC-2023/41	Versatile 4-Bit Signed Binary Multiplier for Complex Digital Circuits	Deepti Maurya and Uma Sharma		Online

Technical Session-II (Offline)

Date 22.12.2023 & Time 11:30 AM – 1:00 PM, Venue: R&D Meeting Room B-104, Dept. of ECE

Track: - “Application of AI & ML for Electronics and Signal Processing”

**Session Chair: Dr. Vipin Kumar, Dr. Pravesh Singh,
Session Rapporteur: Mr. Satya Prakash**

S. No.	Paper_ID	Paper Title	Author's Name	Venue	Mode of Presentation
1.	RP-ICABEC-2023/26	Investigation of DDMZM and LiNb-MZM based Radio over Fiber link for a future oriented Communication system	Balram Tamrakar, Shubham Shukla, Gauri Brijaria, Manjari Singh, Manu Gupta, Shweta Sharma, Mayank Kashyap		Offline
2.	RP-ICABEC-2023/104	Shoe Extension Using Ultrasonic Sensor and Gyroscope for Blinds	Shikha Agarwal, Aarti Chaudhary, Dr. Veena Bharti, Shivam Umrao		Offline
3.	RP-ICABEC-2023/110	Blockchain in Education: A Revolutionary Paradigm for Enhanced Security and Transparency	Shikha Agarwal, Aarti Chaudhary, Komal Shivhare, Ashish Bajpai		Offline
4.	RP-ICABEC-2023/30	Optimization of 60 GHz MIMO OFDM Radio over Fiber System for Next Generation Networks	Balram Tamrakar, Mohd Sharique Alam, Shubham Verma, Ujjwal Tyagi, Mohd Khalid, Mohd Salman Zaidi		Offline

5.	RP- ICABEC- 2023/33	Network pharmacology and molecular docking approach to unveil the mechanism of amantadine for Parkinson's disease	Nimesh Bhardwaj, Himani Tyagi, Siddhi Gupta, Pooja Gangwar, Shubham Chaudhary, Mansi Singh, Vinay Kumar*, Praveen Kumar Dixit	<p>R&D Meeting Room B-104, Dept. of ECE</p> <p>Location</p>	Offline	
6.	RP- ICABEC- 2023/34	Development of Smart and Secure Billing Mechanism for Stores	Hitesh Gupta, Kunal Gupta, Naman Srivastava, Niranjana Kalra, Raghunandan Bajaj, Himanshu Chaudhary, Abhishek Sharma, Praveen Kumar		Offline	
7.	RP- ICABEC- 2023/35	Food Restaurant Management System	VINAY, SHIVAM TYAGI, SHIVAM BHARDWAJ, SHANTANU, Sachin Tyagi, Mohit Tyagi, Satya Prakash Singh		Offline	
8.	RP- ICABEC- 2023/36	Tobacco Use Among the Youth: Prediction, Prevalence and Prevention	Dr. Pravesh Singh, Rakshit Srivastava, Adarsh Singh, Pratishtha Srivastava, Harsh Kansal		Offline	
9.	RP- ICABEC- 2023/37	Automated Car Parking Indicator System	Hunny Pahuja, Rohit Verma, Abhishek Pandey, Akash Singh, Satyansh Kumar		Offline	
10.	RP- ICABEC- 2023/38	Deep Learning Solution for Real-time Violence Detection in Video Streams	Varun Bagga, Yash Verma, Sourish Bansal, Siddharth Goswami, Sachin Tyagi, Mohit Tyagi, Satya Prakash Singh		Offline	
11.	RP- ICABEC- 2023/23	Automatic Room Light Controller and Visitor Counter Using Microcontroller	Aman Kumar Yadav, Amrit Raj Singh, Amit Kumar, Amit Kumar ¹ , Amritanshu Singh, Niraj Singh Mehta		Offline	
12.	RP- ICABEC- 2023/42	Path Finding Visualizer	Ankit, Anushka, Akash, Shahid, S. Ranjan, Dr. Richa Srivastava		Offline	
13.	RP- ICABEC- 2023/51	Advancements in Robotics and Prosthetics: A Comprehensive Study of Voice-Controlled Hand Prosthetic Gloves	Ruchita Gautam, Himanshu Chaudhary, Apoorv, Addhyan, Ayush Jain, Gautam Matta,		Offline	
14.	RP- ICABEC- 2023/52	A Review on Analysis and Prediction Methodologies of Crop Yield Pattern	Neha, Anil Ahlawat, Himanshu Chaudhary		Offline	
01:00 PM - 01:45 PM		Lunch				

Technical Session-II (Contd...) (Offline)
Date 22.12.2023 & Time 01:45 PM – 05:00 PM, Venue: R&D Meeting Room B-104, Dept. of ECE

Track: - “Application of AI & ML for Electronics and Signal Processing”

Session Chair: Dr. Vipin Kumar, Dr. Pravesh Singh,
Session Rapporteur: Mr. Satya Prakash

01:45 PM – 02:15 PM **Keynote Talk: -2 (Offline & Online [Joining Link](#))**
Dr. Abhishek Tomar (G. B. Pant Agricultural & Technological University, Uttarakhand)

15.	RP-ICABEC-2023/59	Onboard Compression and Preprocessing Methods for LEO Satellite Imagery: A Review	Abhishek Sharma, Nidhi Singh, Yashvardhan Srivastava, Shubhi Sharma, Krishna Pratap Singh, Harsh Jaiswal, Praveen Kumar, Parvin Kumar	<p align="center">R&D Meeting Room B-104, Dept. of ECE</p> <p align="center">Location</p>	Offline
16.	RP-ICABEC-2023/60	Satellite Security: Navigating Threats and Implementing Safeguards in the Modern Space Age	Abhishek Sharma, Divyanshi Srivastava, Suryanshi Singh, Ira Nafees, Satvik Aggarwal, Himanshu Chaudhary, Praveen Kumar		Offline
17.	RP-ICABEC-2023/68	Smart Lifesaving Helmet for Coal Miners	Vipin Kumar Verma, Deepak Kr Bari, Anuj Kumar Chaudhary, Dev Gupta, Daksh Singhal, Anurag Dubey		Offline
18.	RP-ICABEC-2023/69	Beyond the Ballot Box: Crafting a Resilient Voting System with MySQL and PHP	Abhas Kanungo, Ananya Pandey, Asthana Somya Subhash, Anoushka Bharti Alok Kumar		Offline
19.	RP-ICABEC-2023/91	Single page optimization techniques using React	Abhishek Pokhriyal, Saurav Pratihasta, Shubh Kansal, Vasu Goyal, Shourya Singh, Shruti Mishra		Offline
20.	RP-ICABEC-2023/92	DAM: Drone Automation and Mapping	Pranjal Agarwal, Prajesh Pratap Singh, Sharad Gupta		Offline
21.	RP-ICABEC-2023/13	Prognosis of Heart Disease by Utilizing Data Mining Techniques	Sartaj Ahmad, Srishti Chaurasia, Vaishnavi Awasthi, Ajay Kumar		Offline
22.	RP-ICABEC-2023/85	Fuel Theft Detection System with SMS Alert using Microcontroller	Vipin Kumar Verma, Nilesh Yadav, Pankaj Gupta, Prateek Dhar Dubey, Purushottam Mani Tripathi, Vikram Vishwakarma		Offline
23.	RP-ICABEC-2023/146	Design of ECG Monitoring System Using NI LabVIEW	Shivansh Sinha, Shraddha Tripathi, Sumit Srivastava, Shubhi Sharma, Krishna Pratap, Parvin Kumar, Abhishek Sharma, Vipin Kumar		Offline

Department of Electronics & Communication Engineering
5th International Conference on “Advances in AI for Biomedical Instrumentation Electronics and Computing (ICABEC- 2023)” on 22nd & 23rd, December 2023

Day-2

Date: 23rd December 2023, Venue: CRPC Conference Hall

Offline & Online ([Joining Link](#))

Time	Program Details
09:00 AM - 09:45 AM	Registration & High Tea
09:45 AM - 10:00 AM	Arrival of Guests & Participants (KIET CRPC Hall)
10:00 AM - 10:30 AM	Keynote Talk-3 Dr. Shahid Malik , Indian Institute of Technology, New Delhi
10:30 AM - 11:00 AM	Keynote Talk-4 on “Biomedical Product Development using Open Sim Software” By Dr. Shivangi Giri (IIT Delhi)

Technical Session-III (Online)

Date 23.12.2023 & Time 11:00 AM – 01:00 PM, Venue: CRPC Conference Hall

Track: “Recent Trends in Engineering & Medical Sciences”

Online Session ([Joining Link](#))

Session Chair: Dr. Chirag Arora, Dr. Hunny Pahuja

Session Rapporteur: Dr. Niraj Singh Mehta

S. No.	Paper_ID	Paper Title	Author's Name	Joining Link	Mode of Presentation
1.	RP-ICABEC-2023/84	Simplifying Legal Language: An AI-Powered Approach to Enhance Document Accessibility	Prof. K. N. Somwanshi, Prof. K. H. Alfatmi, Dr. M. R. Shahade, G. M. Jarsodiwala, R. A. Relan, A. R. Vibhandik & D. N. Karbhari	Joining Link	Online
2.	RP-ICABEC-2023/88	Real-Time Automated Fabric Defect Detection System	Prof. Umakant Mandawkar, Dr. Makarand Shahade, Samruddhi Ganesh Wadekar, Chetan Kachhava, Yash Patil, Sakshi Mandwekar		Online
3.	RP-ICABEC-2023/86	Unmasking Attacker Identity Behind The VPN	Prof. Ashish Awate Prof. Bhushan Nandwalkar Prof. Makarand Shahade Dipak B. Mali Harshal V. Patil Harshal R. Waghare Harshal R. Patil		Online

4.	RP- ICABEC- 2023/129	Automated Plant Monitoring System with WebCAM and Shadow Shelter	Ritik Kumar, Harsh Singh, Rishabh Kumar, Mohd. Harmain, Meet Choudhary, Dr. Sulekha Saxena	<u>Joining Link</u>	Online
5.	RP- ICABEC- 2023/87	e-Nidan: Autism Spectrum Disorder Detection Using Machine Learning	Ashish Awat Bhushan Nandwalkar Krutika Yeola Mayuri Vispute Hemshri Amrutkar Vaishnavee Patil		Online
6.	RP- ICABEC- 2023/96	Image Encryption with Switching Effect	Sunil Sriharsha Gudimella, Umesh Ghanekar, Kundan Kumar		Online
7.	RP- ICABEC- 2023/148	High-Performance Dual Band Graphene Slotted Antenna for Terahertz Applications	R. Yadav, S. Sood		Online
8.	RP- ICABEC- 2023/97	Design Of Fuzzy Based Pid Controller For Effective Delivery Of Syringe Pump	Saba Parveen, Dr. Munna khan, Kashif Sherwani		Online
9.	RP- ICABEC- 2023/98	An Innovative Hybrid Full Adder Design for Low Power VLSI Circuit Applications	A. Sharma, N. S. Singha, R. Yadav, A. Kumar		Online
10.	RP- ICABEC- 2023/99	Performance Evaluation of Full Adder Cells Implemented in CMOS Technology	Yash Pathak Dharmendra Kumar Jhariya		Online
11.	RP- ICABEC- 2023/101	Prediction of Spam Reviews using Feature-Driven Opinion Mining Deep Learning Model	Surya Prakash Sharma, Laxman Singh, Abdul Khalid, Rajdev Tiwari, Nagesh Sharma		Online
12.	RP- ICABEC- 2023/105	Dynamic Power Allocation Technique for IOT Applications in Mobile edge Computing	Ashvini Joshi, Prof. Anjulata Yadav, Prof Amit Naik		Online
13.	RP- ICABEC- 2023/108	Design of Multiplexer in 90nm Technology Using Energy Recovery Logic circuit	Sitaram Kumar, Amit Kumar, Dharmendra K. Jhariya		Online

01:00 PM – 01:45 PM		Lunch			
Technical Session-III (Contd.) Online					
Date 23.12.2023 & Time 01:45 PM – 03:45 PM, Venue: CRPC Conference Hall					
Track: “Recent Trends in Engineering & Medical Sciences”					
Online Session (Joining Link)					
Session Chair: Dr. Chirag Arora, Dr. Hunny Pahuja					
Session Rapporteur: Dr. Niraj Singh Mehta					
01:45 PM – 02:15 PM		Keynote Talk Dr. Sundeep Rohila, CEO MBS India			
14.	RP- ICABEC- 2023/114	Implementation of Crowbar Protection in DFIG	Farhat Nasim, Shahida Khatoon, Ibraheem, Mohammad Shahid	Joining Link	Online
15.	RP- ICABEC- 2023/115	A Simplified Low- Cost Portable Ventilator Design	Mohd Shadaab, Shahida Khatoon, Mohammad Shahid		Online
16.	RP- ICABEC- 2023/117	Generating Maximum Power in Photovoltaic Systems using HHO-Based Embedded Controllers	Mr. Sujithkumar. T.P, Dr. Shanmugasundara, Dr. Rajendran.V, Debarchita Mishra		Online
17.	RP- ICABEC- 2023/119	Iteration Based Reduction in Cell Population for Biomedical Applications	Ashutosh Mishra, Piyush Kumar Tripathi		Online
18.	RP- ICABEC- 2023/121	Unraveling The Power of AI Assistants	Abhinav Karn, Prashant Kumar Singh, Chirag Agarwal, Deepak Singh, Ayush Verma, Mupnesh Kumari		Online
19.	RP- ICABEC- 2023/122	Retinal Diseases Analysis and Detection- A Comprehensive Review	P. Renuka, V. Sumitra, P. Latha, K.Swaminathan		Online
20.	RP- ICABEC- 2023/124	MediSafe – Enhancing Secure Medical Data Management and Doctor–Patient Communication	Neha Rajas, Hrishikesh Potnis, Chinmayee Prabhu, Dnyaneshwari Pote, Payal Powar, Sujal Powar		Online
21.	RP- ICABEC- 2023/128	Performance Investigation of an Improved High Speed WDM RoFSO Link in Foggy and Rainy Weather	Kamaldeep Kaur & Abhimanyu Nain		Online

22.	RP- ICABEC-2023/75	PlaceTech: An AI-Enabled Solution for Smart Placemen	Prof. Khalid Alfatmi, Sakshi Pande, Prof. Makarand Shahade Vaibhavi Suryawanshi, Kalpesh Badgujar, Vishwajit Patil, Prof. Mayuri Kulkarni	<u>Joining Link</u>	Online
23.	RP- ICABEC-2023/142	Non-Contact Temperature Detection System	Vikas Nandeshwar, Devang Bissa, Sarthak Biyani, Darshan Biradar, Bilal Khan, Pratham Bisen, Saif Bichu		Online
24.	RP- ICABEC-2023/150	Australian Wildfire Visualization	Manjinder Kaur, Roop Lal, Ankur Pandey, Anurag Singh, Dipak Rajbhar		Online
25.	RP- ICABEC-2023/151	Live Code Sync	Aditya Kumar, Manjinder kaur		Online
26.	RP- ICABEC-2023/152	Farm Automation Using Node MCU	Vikas Nandeshwar , Ishawar Borade, Atharva Borade ,Atharva Bonde, Tanmay Bora ,Om Bobade ,Vishal Bokare		Online
27.	RP- ICABEC-2023/158	Experimental Study on Variants of Gaussian Mixture Model For Segmentation	Sanjeevkumar Katti, Srinivas D. Desai, Vishwanath P. Baligar and Gururaj N. Bhadri		Online
28.	RP- ICABEC-2023/125	Face Detection Attendance System in Artificial Intelligence	Simran kaur Arora, Priyanka Behki, Gourav Batar, Vivek Tiwari, Siya jindal		Online
29.	RP- ICABEC-2023/83	Rights Reach: AI-Powered Legal Assistance for the Physically Challenged	Vijaylaxmi Bittal, Dr. Makarand Shahade Sakshi Pingale, Manish Patil Ketaki Patil Manashri Patil Khalid Alfatmi		Online
30.	RP- ICABEC-2023/82	ArthritisCare: Empowering Wellness Through Personalized Arthritis Detection and Physiotherapy Exercise Recommendation	Vijaylaxmi Bittal Dr. Makarand Shahade Isha Wagh Pratiksha, Yeshi Pritam Lokhande, Hindraj Patil Khalid Alfatmi		Online

Technical Session-IV (Offline)

Date 23.12.2023 & Time 11:00 AM – 01:00 PM, Venue: R&D Meeting Room B-104, Dept. of ECE

Track: - “Advances in Communication Technologies, Electronics Engineering & Image Processing in Bio-Medical Fields”

Session Chair: Dr. Ajeet Pratap Singh, Mr. Amit Kumar

Session Rapporteur: Dr. Upendra Acharya

S. No.	Paper_ID	Paper Title	Author's Name	Venue	Mode of Presentation
1.	RP- ICABEC-2023/90	Comprehensive Analysis of Communication Quality: SNR vs. BER for Nanosatellite Beacon	Abhishek Sharma, Vidushi Pandey, Gati Saraswat, Amrita Singh, Ayush Yadav, Ayush Singh, Ruchita Gautam	R&D Meeting Room B-104, Dept. of ECE Location	Offline
2.	RP- ICABEC-2023/70	Enhancing Decision-Making for breast cancer through Advanced Machine Learning and Data Analytics	Sahil Aggarwal, Priyanshu Aggarwal, Satyam Chauhan, Dr. R. Dheivanai, Dr. Ritu Pahwa		Offline
3.	RP- ICABEC-2023/112	CNNsight: Precision Detection in Gangrene Diagnostics	Priyanshu Aggarwal, Sahil Aggarwal, Harshita, Dr. Ritu Pahwa		Offline
4.	RP- ICABEC-2023/93	Development of an Advanced, Cost-Effective Prosthetic Limb with an EMG Sensor	Shivam Kesarwani, Shrey Shekhar, Shruti Mishra, Abhinav Singh, Somya Tyagi, Mr. S.P. Singh, Neelesh Ranjan Srivastava, Sachin Tyagi, Mohit Tyagi		Offline
5.	RP- ICABEC-2023/95	Detection Of Disease and Appointment To The Doctor	Amit Kumar, Yashasvi Singh, Rituz Gupta, Riya Tyagi, Sanskar Gupta		Offline
6.	RP- ICABEC-2023/102	Design and Implementation of Automatic Street Light Systems	Mohit Tyagi, Sachin Tyagi, Satya Prakash Singh, Kanishka Chauhan, Hardik Mitra, Raman Punthir, Naman Gupta		Offline

7.	RP- ICABEC-2023/103	Deep Learning Based Computerized Diagnosis of Breast Cancer Using Digital Mammograms	Laxman Singh, Rekha Kashyap, Sovers Singh Bisht, Surya Prakash Sharma, Nagesh Sharma	R&D Meeting Room B-104, Dept. of ECE Location	Offline
8.	RP- ICABEC-2023/58	Comprehensive Review on Impact of Nanosatellites on Human Medical Infrastructure	Abhishek Sharma, Suryansh Dev, Shambhavi Kumari, Riya Jain, Satyam Kumar Jha, Mohit Kumar, Praveen Kumar, Ruchita Gautam		Offline
9.	RP- ICABEC-2023/106	REVIEW ON SMART LANDMINE AND LANDMINE DETECTION	Hans Kumar, Dr. Abhas Kanungo, Kartik Chaudhary, Jatin Tomar, Priyanshu, Harshit Yadav		Offline
01:00 PM – 1:45 PM		Lunch			

Technical Session-IV (Contd..) (Offline)
Date 23.12.2023 & Time 01:45 PM – 03:45 PM, Venue: R&D Meeting Room B-104, Dept. of ECE

Track: - “Advances in Communication Technologies, Electronics Engineering & Image Processing in Bio-Medical Fields”

Session Chair: Dr. Ajeet Pratap Singh, Mr. Amit Kumar
Session Rapporteur: Dr. Upendra Acharya

Keynote Talk
Dr. Sundeep Rohila, CEO MBS India

10.	RP- ICABEC-2023/127	Smart Helmet for Bike Riders	Devansh Gupta, Agrim Chauhan, Sanchit Jain, Tanay, Abhinav Saini, Praveen Kumar, Himanshu Chaudhary, Abhishek Sharma	R&D Meeting Room B-104, Dept. of ECE Location	Offline
11.	RP- ICABEC-2023/132	SOCIAL MEDIA NEWS VERIFIER	RITIK RANA, ROHIT JHA, SAKSHAM SINGH, SARTHAK CHOUDHARY, CHIRAG ARORA		Offline
12.	RP- ICABEC-2023/153	Multiple Disease Prediction using machine learning algorithms	Parth Dayal, Deepansh Sharma, Aman Agarwal, Himanshu Chaudhary, Ruchita Gautam, Praveen Kumar, Abhishek Sharma		Offline

13.	RP- ICABEC-2023/155	HELPING HAND FOR HANDICAP (TRIPLE H)	Sumit Sharma, Shagun Kumar, Shri Bihari Singh, Satyam Singh, Divya Sharma	R&D Meeting Room B-104, Dept. of ECE Location	Offline
14.	RP- ICABEC-2023/156	Single-Input Voltage Mode Differentiator using DDCCTA and Grounded Passive Elements	Prof. Priyanka Jain, Mr. Chandra Shekhar		Offline
15.	RP- ICABEC-2023/157	Discrete Hartley Transform using Recursive Algorithm	Vivek Singh, Dhvani Kaushal, Priyanka Jain		Offline
16.	RP- ICABEC-2023/161	Real-Time-Abuse Detection Model	Dr. Rochak Bajpai Aryan Nigam Aftab Khan Ayush Kumar Aradhana Tripathi Nigam Kumar Mishra		Offline
17.	RP- ICABEC-2023/162	Comparative analysis of machine learning models for sentiment analysis on X (twitter) dataset	A. Singh, A. Singh, A Kumari, A Chauhan, R. Srivastava		Offline

Valedictory Function of ICABEC-2023

Date: 23rd December 2023 Time: 3:45 PM – 4:50 PM

Venue: CRPC Conference Hall

Offline & Online ([Joining Link](#))

03:45 PM-03:50 PM	Welcome of Chief Guest, Guest of Honor, Dignitaries, Speakers and participants by Event Host
03:50PM - 04:00 PM	Report on Conference by Dr Parvin Kumar Kaushik, Co-Convener of ICABEC
04:00 PM - 04:05 PM	Welcome Speech by Dr Ruchita Gautam , Associate Dean (R&D) and Addl. HoD (ECE)
04:05 PM - 04:20 PM	Valedictory Speech By Dr. Shailesh Tiwari , Additional Director, KIET Group of Institutions, Delhi-NCR, Ghaziabad, India
	Valedictory Speech By Dr. Manoj Goel , Joint Director, KIET Group of Institutions, Delhi-NCR, Ghaziabad, India
	Valedictory Speech By Dr Anil Ahlawat , Director In-charge, KIET Group of Institutions, Delhi-NCR, Ghaziabad, India
04:20 PM- 04.22PM	Introduction of Guest of Honor by Event Host
04.22PM- 04:27 PM	Valedictory Speech by Guest of Honor, Dr. Shahid Malik , IIT Delhi, India
04:27PM - 04:29 PM	Introduction of Chief Guest by Event Host
04:29 PM- 04:35PM	Valedictory Speech by Chief Guest, Dr. R. P. Tewari (National Project Advisor, MERITE, Ministry of Education, Govt. of India)
04:35PM - 04:40 PM	Feedback from Participants
04:40 PM-04:42 PM	Felicitation of Best Paper Awardees
04:42 PM - 04:45 PM	Vote of Thanks by Dr Parvin Kumar , Co-Convener of ICABEC-2023
04:45 PM - 04:47 PM	Formal Announcement for closing of Conference
04:47PM - 04:48PM	National Anthem