# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

**Department of ECE (NBA Accredited) & CSE (NBA Accredited)**

**Raj Kumar Goel Institute of Technology, Ghaziabad, India**

## Schedule

| Date | Time | Session No. | Paper ID | | | | | | | | | | Venue |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FRIDAY 20-11-2026 | 2:00 PM - 5:00 PM | 1 | 676 | 366 | 60 | 230 | 355 | 174 | 470 | 2246 | 1989 | 438 | BF-02, First Floor, B- Block, CSE Dept. |
| | | 2 | 442 | 1988 | 414 | 432 | 2000 | 412 | 431 | 589 | 437 | 439 | BF-03, First Floor, B- Block, CSE Dept. |
| | | 3 | 500 | 601 | 574 | 369 | 725 | 480 | 741 | 516 | 733 | 592 | BG-01, Ground Floor, B- Block, CSE Dept. |
| | | 4 | | 591 | 1978 | 734 | 184 | 777 | 769 | 1800 | 533 | 2126 | BG-02, Ground Floor, B- Block, CSE Dept. |
| | | 5 | 2124 | 1822 | 304 | 608 | 2113 | 2115 | 1810 | 2157 | 639 | 511 | BG-07, Ground Floor, B- Block, CSE Dept. |
| | | 6 | 1873 | 1824 | 572 | 2129 | 708 | 2107 | 2136 | 2065 | 2110 | 398 | BG-08, Ground Floor, B- Block, CSE Dept. |
| | | 7 | 2154 | 2084 | 2208 | 2012 | 2275 | 2061 | 580 | 2096 | 1809 | 637 | BB-02, Basement, B- Block, CSE Dept. |
| | | 8 | 332 | 247 | 175 | 224 | 401 | 419 | 430 | 1896 | 772 | 1903 | BB-03, Basement, B- Block, CSE Dept. |
| | | 9 | 323 | 624 | 375 | 389 | 678 | 296 | 298 | 242 | 732 | 2014 | BB-05, Basement, B- Block, CSE Dept. |
| | | 10 | 2146 | 458 | 251 | 1924 | 1958 | 455 | 385 | 609 | 1931 | 1910 | DS-05, Second Floor, D- Block, ECE Dept. |
| | | 11 | 146 | 420 | 440 | 410 | 612 | 616 | 796 | 750 | 2249 | 441 | DS-06, Second Floor, D- Block, ECE Dept. |
| | | 12 | 603 | 2006 | 2039 | 1855 | 2010 | 239 | 2108 | 433 | 387 | 98 | DF-08, First Floor, D Block, IT Dept. |
| SATURDAY 21-11-2026 | 10:00 AM - 01:30 PM | 13 | 329 | 133 | 131 | 51 | 95 | 1912 | 776 | 713 | 1897 | 1898 | BF-02, First Floor, B- Block, CSE Dept. |
| | | 14 | 257 | 404 | 411 | 1825 | 1823 | 1904 | 1905 | 392 | 399 | 1986 | BF-03, First Floor, B- Block, CSE Dept. |
| | | 15 | 172 | 137 | 334 | 1913 | 418 | 577 | 2161 | 2191 | 2278 | 667 | BG-01, Ground Floor, B- Block, CSE Dept. |
| | | 16 | 21 | 1954 | 1843 | 1953 | 746 | 1833 | 2085 | 1955 | 532 | 587 | BG-02, Ground Floor, B- Block, CSE Dept. |
| | | 17 | 2074 | 1902 | 2086 | 1834 | 2054 | 650 | 2184 | 2192 | 701 | 1959 | BG-07, Ground Floor, B- Block, CSE Dept. |
| | | 18 | 2139 | 1867 | 2276 | 681 | 1828 | 737 | | | 647 | | BG-08, Ground Floor, B- Block, CSE Dept. |
| | | 19 | 2207 | 2100 | 1827 | | 2205 | 509 | 677 | 2112 | 388 | 384 | BB-02, Basement, B- Block, CSE Dept. |
| | | 20 | 1854 | 2105 | 402 | 416 | 417 | 383 | 670 | 2190 | 2170 | 2257 | BB-03, Basement, B- Block, CSE Dept. |
| | | 21 | 2083 | 1838 | | 2095 | 2093 | 303 | | 2269 | 2053 | | BB-05, Basement, B- Block, CSE Dept. |
| | | 22 | 2150 | 1880 | 2143 | 1877 | 1888 | 1884 | 2144 | 1893 | 1858 | 1837 | DS-05, Second Floor, D- Block, ECE Dept. |
| | | 23 | 1842 | | 490 | 2189 | 395 | 396 | 2040 | 2259 | 358 | 599 | DS-06, Second Floor, D- Block, ECE Dept. |
| | | 24 | 472 | 40 | 2274 | 2220 | | | | | | | DF-10, First Floor, D Block, IT Dept. |
| | | 25 | 2176 | 2209 | 300 | 594 | | | | | | | Computer Centre A Block Basement |

# 6th International Conference
# on
# Advancement in Electronics & Communication Engineering (AECE-2026)
## 20th-21st November 2026
## Organised By
## Department of ECE (NBA Accredited) & CSE (NBA Accredited)
## Raj Kumar Goel Institute of Technology, Ghaziabad, India

| Program Schedule | | | |
|---|---|---|---|
| **Day -1 Friday, 20th November 2026** | | | |
| **Session** | **Timing** | **Venue** | **Program Details** |
| Inauguration | 10:00-10:05 AM | Seminar Hall D Block | Welcome of Dignitaries |
| | 10:05 -10:10 AM | | Lighting of Lamp & Saraswati Vandana |
| | 10:10-10:20 AM | | Introduction of AECE-2026 by Dr. R. K. Yadav (General Chair, AECE-2026, Dean Academics & HOD-ECE) |
| | 10:20-10:30 AM | | Welcome Address by Hon'ble Director, Dr. B. C. Sharma, RKGIT, Ghaziabad |
| | 10:30-10:35 AM | | Address by Guest of Honour, Dr. Asheesh Kumar Singh, MNNIT , Prayagraj |
| | 10:35-10:40 AM | | Address by Hon'ble Executive Director, Dr. D. K. Chauhan, RKG Group |
| | 10:40-10:45 AM | | Address by Guest of Honour, Dr. Mohammad Rihan, Director general- National Institute of Solar Energy (NISE), Ministry of New and Renewable Energy |
| | 10:45-10:55 AM | | Address by Hon'ble Advisor, Dr. Laxman Prasad, RKG Group |
| | 10:55-11:05 AM | | Institute Video |
| | 11:05-11:10 AM | | Launch of Souvenir |
| | 11:10-11:15 AM | | Address by Hon'ble Vice Chairman, Sri Akshat Goel, RKG Group |
| | 11:15-11:20 AM | | Address by Prof. Dr. Leong Wai Yie, Vice Chancellor, INTI International University, Malaysia |
| | 11:20-11:25 AM | | Adress by Dr. Siew Kei Lem Professor, College of Computing and Data Science, Nanyang Technological University, Singapore |
| | 11:25-11:30 AM | | Motivational Words by Hon'able Chief Guest Dr. S. N. Singh, Director ABV-IIITM, Gwalior |
| | 11:30-11:35AM | | Vote of Thanks by Dr. Amit Singhal (General Co- Chair, AECE-2026), HOD-CSE, RKGIT Ghaziabad |
| | 11:35-11:36 AM | | National Anthem |
| | 11:36-12:05 PM | DG-09 | HIGH TEA |
| Invited Talk | 12:05-01:00 PM | Seminar Hall D Block | Keynote Address by Dr. Siew Kei Lem Professor, College of Computing and Data Science, Nanyang |
| | 1:00-2:00 PM | DG-09 | Networking Lunch |
| Technical Sessions | 2:00-4:30 PM | Technical Sessions 1-12 (to be conducted parallelly at different venue) | |
| Invited Talk | 2:00 - 2:30 PM | Seminar Hall D- Block | Invited Talk by Dr. Priyanka Jain, DTU, Delhi |
| Invited Talk | 2:30 - 3:30 PM | | Invited Talk by Dr. Govind Sharan Yadav, Institute of Communications Engineering National Tsing Hua University, Taiwan |
| | 3:30-04:00 PM | | Conclusion |
| | 4:00 PM onwards | DG-09 | TEA |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

**Department of ECE (NBA Accredited) & CSE (NBA Accredited)**

**Raj Kumar Goel Institute of Technology, Ghaziabad, India**

| Tentative Program Schedule | | | |
|---|---|---|---|
| **Day -2 Saturday, 21st November, 2026** | | | |
| **Session** | **Timing** | **Venue** | **Program Details** |
| | 10:00-10:30 AM | DG-09 | High Tea |
| Technical Sessions | 10:30- 1:00 PM | Technical Sessions 13-25 (will be conducted parallelly at different venue) | |
| Invited Talk | 10:30- 11:00 AM | Seminar Hall D- Block | Invited Talk by Prof. Dr. Leong Wai Yie, INTI International University, Malaysia |
| Invited Talk | 11:00- 11:30 AM | | Invited Talk by Dr. Manoj Kumar, DTU, Delhi |
| Invited Talk | 11:30- 12:00 PM | | Invited Talk by Dr. Mahesh Abegaonkar, IIT, Delhi |
| Invited Talk | 12:00-12:30 PM | | Invited Talk by Dr. M.A. Ansari, Professor, GBU, Greater Noida |
| | 1:00-2:00 PM | DG-09 | Networking Lunch |
| Valedictory | 2:00-2:15 PM | Seminar Hall D- Block | Address by Prof. Dr. Leong Wai Yie, INTI International University, Malaysia |
| | 2:15-2:40 PM | | Brief Report of Conference by Dr. Amit Singhal Co- Chair, AECE-2026, HOD-CSE, RKGIT Ghaziabad |
| | 2:40-2:50 PM | | Address by Hon'ble Director, Dr. B. C. Sharma, RKGIT Ghaziabad |
| | 2:50-3:30 PM | | Certificate Distribution/ Best Paper Award |
| | 3:30-3:40 PM | | Vote of Thanks by Prof. (Dr.) R.. K. Yadav, General Chair AECE-2026 and HOD-ECE, RKGIT Ghaziabad |
| | 3:40 PM onwards | DG-09 | TEA |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

## 20th-21st November 2026

## Organised By

## Department of ECE (NBA Accredited) & CSE (NBA Accredited)

## Raj Kumar Goel Institute of Technology, Ghaziabad, India

***Technical Session-1***

***Track- Artificial Intelligence, Data Science, Machine Learning, IoT***

**Session Chair :** Dr. Puspendra Singh

**Session Chair :** Dr. Seema Malik

**Session Co-Chair:** Dr. Ritu Agarwal

**Faculty Coordinator:** Mr. Sachin Tyagi

**Volunteer : Varisha Aijaz, Divyanshi**

**Venue: BF-02, First Floor, B- Block, CSE Dept.**

***Day 1 Friday (20-11-2026) Timing- 2:00 PM - 5:00 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of Presenting Authors |
|---|---|---|---|---|---|---|
| 1 | Shreha Singh<br>Sachin Jain | Ajay Kumar Garg Engineering College | 676 | Multi-Agent LLM Systems for Differential Diagnosis: A Comparison" | 7703938430, | shrehasingh14@gmail.com |
| 2 | Anuj Kumar,<br>Kamna Singh,<br>Sachin Jain,<br>Mohit Kumar,<br>Rupa Rani,<br>Vikas Solanki | JB Institute Of Technology,<br>Ajay Kumar Garg Engineering College,<br>Ajay Kumar Garg Engineering College,<br>Tulas University,<br>Ajay Kumar Garg Engineering College,<br>Accurate Institute Of Management And Technology | 366 | A Hybrid Deep Learning Framework for Automated Fake News Detection | 7982028491,<br>9958676959 | kamnasingh2214@gmail.com |
| 3 | Monika Gaur,<br>Swati Joshi,<br>Preveshika Tiwari,<br>Gagandeep Bhatia,<br>Pratibha Sharma, | ABES Institute Of Technology,<br>ABES Institute Of Technology,<br>ABES Institute Of Technology,<br>ABES Institute Of Technology, | 60 | Hybrid Stock Trading Optimizer using Multi-Modal Predictive Analysis | 8587958806 | mtomer01@gmail.com |
| 4 | Sanchali Das,<br>Atharv Arora, | Bennett University, | 230 | Segment-Level Deepfake Detection via Late Fusion of Visual and Audio Transformers | 9870544170 | s24cseu2439@bennett.edu.in |
| 5 | Jhalak Saxena,<br>Dr. Naveen Rathee,<br>Dr.Birendra Kumar Saraswat, | HRIT University,<br>HRIT University,<br>GL Bajaj Institute Of Technology And Management | 355 | Chronic Obstructive Pulmonary Disease Prediction Using ML and DL Methods | 9315820457 | saxenajhalak6@gmail.com |
| 6 | Akash Rajak<br>Vidushi, School Of Sciences,<br>Sunil Kumar,<br>Amit Kumar | Krishna Institute Of Engineering & Technology<br>Christ (Deemed To Be University), Bengaluru<br>Krishna Institute Of Engineering & Technology<br>Graphic Era (Deemed To Be University) | 174 | Benchmarking XGBoost, Transformer, and LSTM Models for Household Electricity Demand Forecasting | 8700409410 | 8700409410 |

| | | | | | | |
|---|---|---|---|---|---|---|
| **7** | Vinam Tomar,<br>Indira Adak,<br>Ambuja Kulshreshtha,<br>Vertika Agarwal,<br>Pawan Kumar Goel,<br>Geetanjali Tyagi | SRM Institute Of Science And Technology,<br>Raj Kumar Goel Institute Of Technology,<br>SRM Institute Of Science And Technology,<br>SRM Institute Of Science And Technology,<br>Raj Kumar Goel Institute Of Technology,<br>Srm Institute Of Science And Technology | 470 | AI-Driven DevSecOps Security Gateway for Reducing Alert Fatigue using XGBoost-Based Vulnerability Prioritization | 8958705645 | vertika.agarwal21@gmail.com |
| **8** | Chhaya Yadav,<br>Dr. Arvind Panwar<br>Dr. Sunita Yadav | Galgotias University | 2246 | Attention gated adversarial inpainting with gradient weighted fusion for reliable Alzheimer's staging in corrupted Brain MRI | 9818349601 | chhayayadav949@gmail.com |
| **9** | Shubh Bhardwaj<br>Shivanshu Tripathi<br>Siddhesh Kaushik<br>Gaganjot Kaur | Raj Kumar Goel Institute Of Technology | 1989 | Provenance-Based Settlement Confidence Estimation | 7398568415 | shivanshu.s.tripathi@ieee.org |
| **10** | Saurabh Pratap Singh Rathore | Vikrant University | 438 | Vision-Based Dental Caries Classification Using Hierarchical Convolutional Deep Networks | 7737709978 | dr.pratibhasharma@lingayasvidyapeeth.edu.in |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

## Department of ECE (NBA Accredited) & CSE (NBA Accredited)
## Raj Kumar Goel Institute of Technology, Ghaziabad, India

***Technical Session-2***
***Track- Artificial Intelligence, Data Science, Machine Learning, IoT***

**Session Chair :** Dr. Satya Prakash, Dr. Santosh Kumar Mishra
**Session Chair :** Dr. Dileep Kumar Yadav
**Session Co- Chair:** Dr. Surendra Tripathi
**Faculty Coordinator:** Mr. Deepak Kumar-I
**Volunteer : Harsh shrivastav, Harsh Sinha**

**Venue: BF-03, First Floor, B- Block, CSE Dept.**

***Day 1 Friday (210-11-2026) Timing- 2:00 PM - 5:00 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Priyanka Kaushik, | NIMS University | 442 | Behavior-Aware Machine Learning Approach for Early Identification of Phishing Threats in Cyberspace | 7737709978 | dr.pratibhasharma@lingayasvidyapeeth.edu.in |
| 2 | Utkarsh Gupta<br>Lavi Sharma<br>Rudra Pratap Singh<br>Rajesh Prasad | Ajay Kumar Garg Engineering College | 1988 | Macao Ai: An AI-Powered Multilingual Platform for Personalized, Interactive, and Gamified Language Learning | 9891866635, | poorva2312004@akgec.ac.in |
| 3 | Priyanka Kaushik, | NIMS University | 414 | Artificial Intelligence-Driven Brain Tumor Classification Through Deep Learning and MRI Analytics | 9466438058 | dr.megha@lingayasvidyapeeth.edu.in |
| 4 | P. Kaushik, | NIMS University | 432 | A Synergistic Approach of Artificial Intelligence and Blockchain for Strengthening Digital Security | 8447565058 | swatigupta@lingayasvidyapeeth.edu.in |
| 5 | Nur Nahar Rimi, | Westcliff University, | 2000 | Uncertainty-Aware Bank Account Fraud Detection Using Selective Prediction for Uncertain Applications | | |
| 6 | Ajay Pal Singh, | Lingaya'S Vidyapeeth (Deemed To Be University) | 412 | An AI Voice Assistant and IoT Health-Monitoring System for Proactive Patient Care | 8295086600 | dr.ajaypal@lingayasvidyapeeth.edu.in |
| 7 | Ajay Pal Singh, | Lingaya'S Vidyapeeth (Deemed To Be University) | 431 | Precision Bio-Farming and Smart Residue Management Using IoT Technologies for Environmental Sustainability | 8295086600 | dr.ajaypal@lingayasvidyapeeth.edu.in |
| 8 | Mohit Gupta,<br>Dhruv Saluja,<br>Akshaj Rawat,<br>Medhansh,<br>Shalini Gambhir,<br>Arvind Panwar | Vivekananda Institute Of Professional Studies<br>Vivekananda Institute Of Professional Studies<br>Vivekananda Institute Of Professional Studies<br>Vivekananda Institute Of Professional Studies<br>Vivekananda Institute Of Professional Studies<br>Galgotias University | 589 | CardioFogCare: A Fog-Assisted Ensemble Learning Approach fo Reliable Cardiovascular Disease Risk Prediction | 8447691258 | |
| 9 | Stuti Tandon | Lingaya'S Vidyapeeth | 437 | Weather-Aware Intelligent Modeling of Building Energy Consumption Using Advanced Machine Learning Techniques | 9971686712 | dr.stuti@lingayasvidyapeeth.edu.in |
| 10 | Stuti Tandon | Lingaya'S Vidyapeeth | 439 | Detecting Unauthorized Data Disclosure in Digital Commerce Applications through Allocation-Based Tracking and Accountability Assessment | 9971686712 | dr.stuti@lingayasvidyapeeth.edu.in |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

## 20th-21st November 2026

## Organised By

## Department of ECE (NBA Accredited) & CSE (NBA Accredited)

## Raj Kumar Goel Institute of Technology, Ghaziabad, India

***Technical Session-3***

***Track- Artificial Intelligence, Data Science, Machine Learning, IoT***

**Session Chair :** Dr. Pankaj Jha
**Session Chair :**Dr. Probeer Shaw
**Session Co-Chair:** Dr. Rajesh Mishra
**Faculty Coordinator:** Ms. Reeta Parmar
**Volunteer : Kashish Goel, Mankaran Saini**

**Venue: BG-01, Ground Floor, B- Block, CSE Dept.**

***Day 1 Friday (20-11-2026) Timing- 2:00 PM - 5:00 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Ms. Rupam Kumari ,<br>Abhinav Vats,<br>Ishan Sharma,<br>Rishabh Singh,<br>Prateek Mishra,<br>Ms. Shalini Verma, | SRM-Ist | 500 | AI-Driven Holistic Fashion Recommendation:<br>Personality,Weather, and Skin-<br>Health Integration | | |
| 2 | Krishna,<br>Arushi Singh | Krishna Institute Of Engineering And<br>Technology, | 601 | Predicting Sleep Disorders from Lifestyle and<br>Physiological Data Using Machine<br>Learning Classification Algorithms | 8433077661 | krisshnaa34@gmail.com |
| 3 | Puneet Kumar,<br>Sachin Minocha,<br>Rakesh Sahu | Bennett University, | 574 | Critical Analysis of Backbones and Loss<br>Functions for Flood Mapping using Vanilla U-Net | 8410443844 | singh.puneetkumar0511@gmail.com |
| 4 | Dr. Neeti Arora,<br>Prof. Nidhi Nirwan,<br>Dr. Simra Mujahid, | ABES Engineering College,<br>Institute Of Technology And Science,<br>Institute Of Technology And Science | 369 | IoT-Enabled Business Transformation: Catalysing<br>Growth in Industrial Production<br>and Manufacturing | 9582805412<br>&<br>9654748125 | nidhi.chauhan20@gmail.com &<br>simramujahid15@gmail.com |
| 5 | Ashish Singh,<br>Vikas Garg | Chandigarh University | 725 | Online Approximation Algorithms<br>for Temporal Hypergraphs | 9601736535 | |
| 6 | Anjali Saraswat,<br>Dr. Dileram Bansal, | Eshan College Of Engineering & Management, | 480 | FoodGuard-XAI: Adversarially Robust and<br>Explainable Food Label Verification<br>for Smart Traceability Systems | 7389967276 | saraswatanjali455@gmail.com |
| 7 | Arpita Jaiswal,<br>Ravinder Kumar | Chandigarh University | 741 | Machine Learning-Based Prediction of Air Quality<br>Index: Analyzing Classical and Ensemble<br>Regression Models | 7398702899 | arpita1374@gmail.com |

| | | | | | | |
|---|---|---|---|---|---|---|
| **8** | Santosh Kumar Mishra<br>Birendra Kumar<br>Pradeep Kumar Tripathi<br>Chintya Kumar Pandey<br>Shraddha Srivastava | Ajay Kumar Garg Engineering College<br>Ghaziabad, India | 516 | Attention Guided Curriculum Learning based Brain Tumor Image Segmentation | 9873406480 | mishra.santosh19@gmail.com |
| **9** | Mehak Sharma | Chandigarh University | 733 | Performance Optimization and Reliability Modeling in Advanced Queueing Systems: Imperfect Coverage, and Impatient Behaviors | 7876880020 | mehaksharma26557@gmail.com |
| **10** | Rony Mandal,<br>Jiya Jain,<br>Chelsi Aggarwal,<br>Shalini Gambhir,<br>Arvind Panwar | VIPS-Tc,<br>VIPS-Tc,<br>VIPS-Tc,<br>VIPS-Tc<br>Galgotias University | 592 | Agentic AI for Humanitarian Crisis Management: Ethical Optimization of Aid Distribution in Refugee Settlements | | jiyajain3465@gmail.com |





# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)



**20th-21st November 2026**

**Organised By**



## Department of ECE (NBA Accredited) & CSE (NBA Accredited)
## Raj Kumar Goel Institute of Technology, Ghaziabad, India

***Technical Session-4***
***Track- Artificial Intelligence, Data Science, Machine Learning, IoT***

**Session Chair :** Dr. Ramlal Yadav
**Session Chair :** Dr. Ragini Karwayun
**Session Co-Chair:** Dr. Vinish Kumar
**Faculty Coordinator:** Ms. Bindu Handa
**Volunteer : Paritosh Pandey, Shreya**

**Venue: BG-02, Ground Floor, B- Block, CSE Dept.**

***Day 1 Friday (20-11-2026) Timing- 2:00 PM - 5:00 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | | | | | | |
| 2 | Shalini Gambhir,<br>Vasu Goel,<br>Priyanshi Rawat,<br>Yukta Chauhan,<br>Arvind Panwar | Vivekananda Institute Of Professional Studies<br>Vivekananda Institute Of Professional Studies<br>Vivekananda Institute Of Professional Studies<br>Vivekananda Institute Of Professional Studies<br>Galgotias University | 591 | Transformer-based Detection of Hallucinated Text in Neural Language Model Outputs | 9868954845,<br>05817711924 | |
| 3 | Suhani Chauhan,<br>Ramnarayan,<br>Sumit Chaudhary,<br>Saurabh Singh | Uttaranchal University,<br>Uttaranchal University,<br>Uttaranchal University,<br>Shoolini University | 1978 | Heart Disease Prediction Using Machine Learning and Deep Learning: A Comparative Experimental Study | 8218384037 | suhanic69@gmail.com |
| 4 | Anshika | Chandigarh University | 734 | Performance Optimization of IoT Edge Gateway Systems under Imperfect Coverage and Delays | 8544751884 | anshikabhuria916@gmail.com |
| 5 | Dharmanshu Sharma,<br>Udit Nath,<br>Yajnaseni Dash,<br>Vasu Rohilla,<br>Rekha Kashyap | KIET Deemed To Be University, | 184 | Consumer Perceptions of AI-Generated Sustainable Packaging Across Product Categories: An Exploratory Study with External Benchmarking | 6378502378 | dharmanshu8007sharma@gmail.com |
| 6 | Dr. J.Jeyabharathi,<br>Veeramaneeswarreddy Gadikota,<br>Varshini Ganapa,<br>Rajesh Reddy Panuganti,<br>Navaneeth Kattipalli | Kalasalingam Academy Of Research and Education, | 777 | A Context-Aware Explainable Decision Intelligence Framework for Intelligent ERP Workflow Analysis and Decision Support | 8639449224 | Veeramaneeswarreddygadikota@gmail.com |

| | | | | | | |
|---|---|---|---|---|---|---|
| **7** | Abhay Singh,<br>Ankur Utsav,<br>Abhay Pratap Singh,<br>Sachin Kumar,<br>Abhinav Awasthi | GCET, | 769 | Compact Multiband Planar Monopole Antenna for Wireless Applications | 9450862383 | 9450862383, abhaysng001@gmail.com |
| **8** | Dr. Yashveer Singh,<br>Dr. Himanshu Tyagi | Quantum University, | 1800 | "HCT-Lite: A Lightweight Hybrid CNN-Transformer Architecture for Efficient Image Classification on Resource-Constrained Devices" | 9058281069 | Email: yashveersinghrke@gmail.com |
| **9** | Monu Kumar,<br>Raju Ranjan | Galgotias University, | 533 | Pyramid Aggregation based Transformer neural network architecture with Deep Neural Network for Land cover and Land use change detection | 8700572621 | monu.21scse3010025@galgotiasuniversity.edu.in |
| **10** | Utsav Bhatia,<br>Palak Shandil | Jims Engineering Management Technical Campus, | 2126 | Generative AI for Synthetic Medical Data Generation and Healthcare Research Enhancement | 7701839836 | utsavbhatia2608@gmail.com |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

**Department of ECE (NBA Accredited) & CSE (NBA Accredited)**

**Raj Kumar Goel Institute of Technology, Ghaziabad, India**

***Technical Session-5***

***Track- Artificial Intelligence, Data Science, Machine Learning, IoT***

**Session Chair :** Dr. Birendra Kumar Verma

**Session Chair** : Dr. Meenakshi Sharma

**Session Co-Chair:** Dr. Preeti Sharma

**Faculty Coordinator:** Mr.Swatantra kumar

**Volunteer : Soni Sharma, TANYA SHARMA**

**Venue: BG-07, Ground Floor, B- Block, CSE Dept.**

***Day 1 Friday (20-11-2026) Timing- 2:00 PM - 5:00 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Himani Joshi,<br>Atul Sharma,<br>Palak Shandil | JIMS Engineering Management Technical Campus, | 2124 | Reinforcement Learning-Based Dynamic Resource Allocation in Smart Hospital Networks | 8076154989 | |
| 2 | Vikas Bhatnagar<br>Adesh Kumar | UPES, Dehradun | 1822 | Optimization of CNT Concentration in GST467 Phase-Change Memory for Low-Power Switching | 9412995595 | vikasbhatnagar2019@gmail.com |
| 3 | Saurav Tiwary<br>Praveen Kumar Tiwari<br>Shivam Sehrawat<br>Neelu Chaudhary, | Manav Rachna University Faridabad | 304 | Advanced Graph Neural Network Approach for Early Alzheimer's Disease Detection and Stage Classification | 88512 15805 | tiwarysaurav235@gmail.com |
| 4 | Shivani Dubey<br>Rajeev Kumar<br>Golnoosh Manteghi | IIMT University,<br>MIT, Moradabad,<br>Kuala Lumpur University of Science & Technology | 608 | A Vision Transformer-Based Distributed Framework for Scalable and Low-Latency Real-Time Image Analytics | 9582912953 | profshivanidubey@gmail.com |
| 5 | Sahil Parmar<br>Shiv ,<br>Ashok Bhansali<br>Abdullaeva Dilbar Ubaydullaevna<br>Latipova Umida<br>Tillyayeva Zarina | GL Bajaj Institute of Technology and Management<br>Chandigrah Engineering College Jhanjer<br>National Pedagogical University of Uzbekistan, Tashkent, Uzbekistan<br>Tillyayeva Zarina, Termez University of Economics and Service, Termez, Uzbekistan | 2113 | Machine Learning-Assisted Remote Patient Monitoring in Internet of Medical Things Environments | 7018679735 | |
| 6 | Sahil Parmar,<br>Pavan Kumar Shukla,<br>Anshy Singh,<br>Abdullaeva Dilbar Ubaydullaevna,<br>Shakhlokhon Kurbanova,<br>Choriyev Muzaffar | GL Bajaj Institute of Technology and Management,<br>CGC university,<br>GLA University,<br>National Pedagogical University of Uzbekistan,<br>Mamun University,<br>Medical Fundamental Sciences Termez University of Economics and Service, | 2115 | Federated Learning-Based Privacy-Preserving Disease Prediction in Multi-Hospital Networks | 7018679735 | sahilparmar709@gmail.com |

| | | | | | | |
|---|---|---|---|---|---|---|
| **7** | Birendra Kumar Saraswat,<br>Debraj Saha,<br>Diwakar Bhardwaj,<br>Ochilova Dilorom,<br>Muftaydinova Shakhnoza Kiyomiddinovna,<br>Otajonova Gulkhayo | GL Bajaj Institute of Technology and Management,<br>CGC University,<br>GLA University,<br>Termez University of Economics and Service,<br>Alfraganus University Tashkent,<br>Mamun university, | 1810 | Artificial Intelligence-Driven Early Detection of Cardiovascular Diseases Using Wearable Healthcare Data | 9999600474 | saraswatbirendra@gmail.com |
| **8** | Arun Mittal,<br>Nagendra Nath Dubey,<br>Rakesh Kumar,<br>Abdullaeva Dilbar Ubaydullaevna,<br>Muftaydinova Shakhnoza Kiyomiddinovna<br>Qayumova Shaxnoza | IILM University,<br>Krishna Institute of Engineering & Technology,<br>GLA University,<br>National Pedagogical University of Uzbekistan,<br>Alfraganus University,<br>Termez University of Economics and Service | 2157 | Blockchain-Enabled Secure Electronic Health Record Management for Smart Healthcare Systems | 9821892386 | cool.arunmittal87@rediffmail.com |
| **9** | Soham Khanna,<br>Sanjay Kumar Singh,<br>Pranshu Saxena | Guru Gobind Singh Indraprastha University,<br>Guru Gobind Singh Indraprastha University,<br>Bennett University, | 639 | Interpretable Deep Learning for Dysplastic Cell Classification in Bone Marrow Smears with DenseNet and Grad-CAM | 9205610958 | sohamkhanna08@gmail.com |
| **10** | Jyoti Malik,<br>Jitender Kumar | Vivekananda Institute of Professional Studies,<br>Deenbandhu Chhotu Ram University of Science and Technology | 511 | A Reproducible Benchmarking Study of Contemporary Models for Skin Lesion Classification on the HAM10000 Dataset | 9306178372 | guliaj40@gmail.com |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

**Department of ECE (NBA Accredited) & CSE (NBA Accredited)**

**Raj Kumar Goel Institute of Technology, Ghaziabad, India**

***Technical Session-6***

***Track- Artificial Intelligence, Data Science, Machine Learning, IoT***

**Session Chair :** Dr. Kiran Srivastva
**Session Chair :** Dr. Priyanka Goyal
**Session Co-Chair:** Dr. Lalit Saraswat
**Faculty Coordinator:** Ms.Divya
**Volunteer : Yuvraj bhardwaj, Abhishek Kharga**

**Venue:BG-08, Ground Floor, B- Block, CSE Dept.**

***Day 1 Friday (20-11-2026) Timing- 2:00 PM - 5:00 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Maaz Raeen,<br>Arghadeep Debnath,<br>Mohd Lareb,<br>Sudeep Varshney, | Sharda University, | 1873 | Autonomous Driving Perception System: A Unified Computer Vision Framework for Object Detection, Lane Detection, and Monocular Distance Estimation | 9862604527 | debnatharghadeep@gmail.com |
| 2 | Monika Gaur,<br>Sooraj Rawat,<br>Suraj Singh,<br>Sujai Rajput,<br>Sujal Pandey | ABESIT, | 1824 | Confidence-Aware Plant Disease Diagnosis using Deep Embedding-Based Image Retrieval | 9373503822 | sujalpandey620@gmail.com |
| 3 | Ankur Utsav,<br>Sachin Kumar,<br>Ashish Gupta,<br>Ayyapa Raju Kuchimanchi,<br>R. K. Yadav | Galgotias College of Engineering and Technology,<br>Galgotias College of Engineering and Technology,<br>Galgotias College of Engineering and Technology,<br>Intellious Technologies Private Limited, | 572 | Triple-Band Patch Antenna for Satellite and Radar Applications | 99584 54956, | ashish.miet@gmail.com |
| 4 | Rohtash Singh,<br>Lakshay,<br>Puneet Sharma,<br>Mirzohid Ernazarov,<br>Khayrulla Urozboev,<br>Annazarova Barno | Galgotias University,<br>GL Bajaj Institute of Technology and Management,<br>GLA University,<br>Termez University of Economics and Service,<br>Alfraganus University,<br>Mamun University | 2129 | Resilient Healthcare Cybersecurity Through Blockchain-Secured Federated AI and IoT Infrastructure | 8708248374 | LAKSHAY1826@GMAIL.COM |
| 5 | Aparna Tripathi,<br>Amit Wadhwa,<br>Abha kaushik | G.L Bajaj institute of technology and management, | 708 | Plant Disease Identification: A Comprehensive Survey of Deep Learning, Retrieval-Augmented Generation and Future Directions | 8368073802 | aparnat218@gmail.com |
| 6 | Huzaifa Siddiqui,<br>Adityajeet Singh,<br>Durgesh Singh,<br>Sumit Jaiswal,<br>Eshank Jain | Ajay Kumar Garg Engineering college, | 2107 | Diabcare: An ML-Driven Predictive Framework for Diabetes Detection and Decision Support | 8604453073 | adityajeet98@gmail.com |

| | | | | | | |
|---|---|---|---|---|---|---|
| **7** | Neeta Gupta,<br>Sachin Kumar Agrawal,<br>Hitendra Garg,<br>Abdullaeva Dilbar Ubaydullaevna,<br>Zairullo Oqboyev,<br>Yusupova Dildora Uktamovna | Indraprastha Engineering College,<br>Charlotte,<br>GLA University,<br>National Pedagogical University of Uzbekistan,<br>Termez University of Economics and Service,<br>Samarkand State Medical University | 2136 | Edge Computing-Enabled Real-Time Analytics for Resource-Constrained Healthcare IoT Devices | 8595553794 | neetaguptavanisha@gmail.com |
| **8** | Anmol,<br>KM. Reshma,<br>Bhavya Batra,<br>Anisha Singh,<br>Jaya Sharma,<br>D. Franklin Vinod | Inderprastha Engineering College Ghaziabad,<br>Inderprastha Engineering College Ghaziabad,<br>Inderprastha Engineering College Ghaziabad,<br>Inderprastha Engineering College Ghaziabad,<br>Inderprastha Engineering College Ghaziabad,<br>Jain (Deemed To Be University) | 2065 | AI Agents and the Model Context Protocol: A Survey of Architectures, Tool-Use, Memory, and Security in Autonomous LLM Systems | 8178357459 | palanmol592@gmail.com |
| **9** | Priyanka Singh,<br>Dr. Nidhi Gupta | Sharda University, | 2110 | Exploring the Frontiers of Multimodal Deepfake Detection in the Era of Generative AI: Techniques, Datasets, Challenges and Future Directions | 8650029241 | priyanka2605.ps@gmail.com |
| **10** | Kushal Kanhav | St. Vincent Pallotti College of Engineering and Technology, | 398 | Geographic Segmentation of Restaurant Networks Using K-Means Clustering and Spatial Statistical Techniques | 986012431 | kushal.kanhav@gmail.com |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

## 20th-21st November 2026

## Organised By

## Department of ECE (NBA Accredited) & CSE (NBA Accredited)

## Raj Kumar Goel Institute of Technology, Ghaziabad, India

***Technical Session-7***

***Track- Artificial Intelligence, Data Science, Machine Learning, IoT***

**Session Chair :** Dr. Shivani Agarwal, Dr. Amit Mittal
**Session Chair :** Dr. Mukesh Rawat
**Session Co-Chair:** Dr. Shiva Garg
**Faculty Coordinator:** Ms. Amita Thakur
**Volunteer : Aditya Garg, Aditya Kumar Jha**

**Venue: BB-02, Basement, B- Block, CSE Dept.**

***Day 1 Friday (20-11-2026) Timing- 2:00 PM - 5:00 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Rameshwar Arora | O. P. Jindal Global University | 2154 | Emergent Operational Patterns in IoT-Enabled Organizations: Evidence from Smart Building Data | 8930111343 | f14rameshwara@iimidr.ac.in |
| 2 | Himanshu Saxena,<br>Prabhat Kumar Singh,<br>Mrinal Pathak,<br>Harshit Kumar Singh,<br>Pancham Singh,<br>Sanjeev Goyal | Ajay Kumar Garg Engineering College,<br>Ajay Kumar Garg Engineering College<br>Ajay Kumar Garg Engineering College<br>Ajay Kumar Garg Engineering College<br>Ajay Kumar Garg Engineering College<br>Raj Kumar Goel Institute And Technology | 2084 | FloodGuard AI: A Spatiotemporal Hybrid LSTM–Random Forest Framework for Urban Waterlogging Risk Prediction and Multi-Horizon Forecasting | 9520392015 | saxenavishi444@gmail.com |
| 3 | Shaili Singhal,<br>Satyam Mishra,<br>Infant Leo,<br>Anju Joon,<br>Rupak Kumar,<br>Gaurav Kumar | Galgotias University,<br>Galgotias University,<br>Galgotias University,<br>AKGEC,<br>AKGEC, | 2208 | Imagify: Design and Implementation of a Modular AI SaaS Platform for Text-to-Image Generation Using the MERN Stack | 8870515313 | |
| 4 | Ayush Mishra,<br>Shalu Tyagi,<br>Jatin Pandey,<br>Aashish Kr. Chetan,<br>Anjali Rana | Raj Kumar Goel Institute And Technology, | 2012 | KrishiAI+: A Multimodal, Retrieval-Grounded Agricultural Decision-Support System - Proposed Architecture and Preliminary Findings | 9569776503 | ayushmishra7548@gmail.com |
| 5 | Shruti Saxena<br>Dr. Satya Prakash Awasthi | Amity School Of Engineering & Technology | 2275 | Design and Development of an Adaptive Framework for Intrusion Detection in Dynamic Network Environments | 9039268108 | |
| 6 | Aaradhya Garg,<br>Mr. Vikas Choudhary,<br>Vishwas,<br>Harsh Kumar | ABES Engineering College, | 2061 | AgriFusion AI : A Climate-Aware Multimodal Framework for Crop Disease Prediction and Early Warning System using SHAP & Grad-CAM | 9568361184 | vishwas.23b1531135@abes.ac.in |
| 7 | Dr. Prachi Chhabra,<br>Dr Geeta,<br>Dr Sukhendra Singh,<br>Ms Garima Singh,<br>Shivang Singh,<br>Mayank Nigam | JSS University,<br>JSS University,<br>JSS University,<br>JSS Academy Of Technical Education,<br>JSS Academy Of Technical Education,<br>JSS Academy Of Technical Education, | 580 | Automated Shoplifting Detection Using Deep Learning-Based Human Activity Recognition | 6291516966 | mayanknigam030106@gmail.com |

| | | | | | | |
|---|---|---|---|---|---|---|
| 8 | Abhishek Jain,<br>Deependra Kumar,<br>Ayush Jaiswal,<br>Deepak Maurya,<br>Pancham Singh,<br>Dr. Jitendra Yadav, | Ajay Kumar Garg Engineering College, | 2096 | AI-Powered Smart Healthcare Assistant for Rural India: Symptom-Based Disease Classification and CNN-Based Skin Lesion Diagnosis | 9548426821 | abhishek2313180@akgec.ac.in |
| 9 | Sandeep Kumar Singh<br>Monika<br>Narendra Mohan<br>Yusupova Dildora<br>Sultanov Sirojiddin<br>Nasiba Jumaniyazova | GL Bajaj Institute Of Technology And Management<br>Galgotias University<br>GLA University, Mathura<br>Samarkand State Medical University<br>Termez University Of Economics And Service<br>Mamun University, Khiva, Uzbekistan. | 1809 | Adaptive Federated Learning based on Trust Management for Medical IoT Devices using Blockchain Assurance | 9560079315 | sandeep.singh020186@gmail.com |
| 10 | Vishnu Kumar<br>Saurabh Sharma<br>Richa Sharma | Chandigarh University, Gharuan, Punjab, India | 637 | Text-to-Image Generation Using NLP-Based Prompt Optimization | 7991100318 | Email: vishnuscience150@gmail.com |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

**Department of ECE (NBA Accredited) & CSE (NBA Accredited)**

**Raj Kumar Goel Institute of Technology, Ghaziabad, India**

***Technical Session-8***

***Track- Emerging & Interdisciplinary Technologies***

**Session Chair :** Dr. Sumit Mittal

**Session Chair :** Dr. Sachin Kumar

**Session Co-Chair:** Dr. Vibhuti Tyagi

**Faculty Coordinator:** Ms. Pragati Karan

**Volunteer : Adiya Jha, Arpita Tyagi**

**Venue: BB-03, Basement, B- Block, CSE Dept.**

***Day 1 Friday (20-11-2026) Timing- 2:00 PM - 5:00 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Mahesh Kumar Sharma,<br>Vikas Solanki,<br>Rupa Rani,<br>Sachin Jain,<br>Anuj Kumar,<br>Kamna Singh | Ajay Kumar Garg Engineering College,<br>Accurate Institute Of Management And Technology ,<br>Ajay Kumar Garg Engineering College,<br>Ajay Kumar Garg Engineering College,<br>JB Institute Of Technology,<br>Ajay Kumar Garg Engineering College | 332 | InvestingView: A Platform for Retail Investors in India | 9871103160 | |
| 2 | Kartik Verma,<br>Vicky Vikrant,<br>Amartansh Chaudhary,<br>Shreeya Sinha,<br>Geetanjali Singh,<br>Vishnu Kumar, | Bennet University, | 247 | The Role of Technology in Shaping Contemporary Fashion Trends | 8126338976 | kartik.verma.cs@gmail.com |
| 3 | Neha Thakur,<br>Yajnaseni Dash,<br>Rekha Kashyap, | KIET Deemed To Be University, | 175 | L2-GasOpt: A Dataset-Informed Layer-2 Hybrid Storage Framework for Verifiable Supply-Chain Tracking | 9162580872 | nehath910@gmail.com |
| 4 | Aditya Pundir,<br>Mihir Sahu,<br>Gaurav Vats, | Department Of Computer Science, | 224 | A Confidential Settlement Protocol for Agentic Invoicing | 7060152011 | pundir.aditya@outlook.com |

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 | P. Kaushik, | Nims University | 401 | Artificial Intelligence in Additive Manufacturing:<br>A Bibliometric Analysis of Research Trends, Applications, and Future Directions | 9643387152 | dr.tripti@lingayasvidyapeeth.edu.in |
| 6 | Saurabh Pratap Singh Rathore | Vikrant University | 419 | An AI and IoT-Enabled Framework for Strengthening Intra-Party Democracy and Electoral Reforms in India | 8581032618 | dr.vivekkumar@lingayasvidyapeeth.edu.in |
| 7 | Saurabh Pratap Singh Rathore | Vikrant University | 430 | The Changing Landscape of Recruitment: Assessing Social Media's Impact on Job Seekers and Employers | 8581032618 | dr.vivekkumar@lingayasvidyapeeth.edu.in |
| 8 | Prakash Singh Bora,<br>Valisher Sapayev,<br>Abdullaeva Dilbar Ubaydullaevna,<br>Laylo Rakhimova,<br>Abdukarimova Gulchexra Baratovna,<br>Abdukosim Xaitov | Graphic Era Hill University,<br>Mamun University,<br>National Pedagogical University Of Uzbekistan,<br>Urgench State University,<br>Ta?Hk?Nt ?Tat? Tran???Rt Univ?R?Ity ,<br>Termez University Of Economics And Service | 1896 | Effect of Psychological relationship on motivation and future perspectives with fuzzy system among the higher education students | 9719230913 | boraprakash107@gmail.com |
| 9 | Sharmila<br>Priyanka Tyagi<br>Harsh Sharma<br>Paridhi Narang<br>Vansh Kumar Saini<br>Dhananjay Kumar | Raj Kumar Goel Institute Of Technology<br>Raj Kumar Goel Institute Of Technology<br>Raj Kumar Goel Institute Of Technology<br>Raj Kumar Goel Institute Of Technology<br>Raj Kumar Goel Institute Of Technology<br>Bennett University | 772 | Design and Optimization of a Qutrit-Based Ternary Full Adder Using Carry-Primitive Reduction | 7042560309 | |
| 10 | Kumkum Som<br>Amit Singhal<br>Dhananjay Kumar<br>Sharmila | Raj Kumar Goel Institute Of Technology<br>Raj Kumar Goel Institute Of Technology<br>Bennett University<br>Raj Kumar Goel Institute Of Technology | 1903 | A Trustworthiness Assessment Framework for Serverless AI-Based Information Systems | 9582976445 | kumkumsom1990@gmail.com |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

**Department of ECE (NBA Accredited) & CSE (NBA Accredited)**

**Raj Kumar Goel Institute of Technology, Ghaziabad, India**

***Technical Session-9***

***Track- AI/ML and IoT for Post-Silicon and Intelligent Hardware Systems***

**Session Chair :** Dr Shailesh Kumar Gupta
**Session Chair :** Dr. Nitin Arvind Shelke
**Session Co-Chair:** Dr. Virat Raj Saxena
**Faculty Coordinator:** Mr. Ankur Rohila
**Volunteer : Aryan Yadav, Bhakti Mittal**

**Venue: BB-05, Basement, B- Block, CSE Dept.**

***Day 1 Friday (20-11-2026) Timing- 2:00 PM - 5:00 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Urmila Pilania,<br>Manoj Kumar,<br>Rohini,<br>Khel Prakash Jayant,<br>Rohit Agarwal,<br>Akash Kumar | Manav Rachna University,<br>Manav Rachna University,<br>CGC University,<br>GLA University,<br>Manav Rachna University | 323 | African Wildlife Animal Species Image Classification Using EfficientNetB0 | | kpjayant@gmail.com |
| 2 | Sanjay Kumar<br>Chetana Hooda<br>Pranshu Saxena<br>Sachin Goel | Guru Gobind Singh Indraprastha<br>Guru Gobind Singh Indraprastha<br>Bennet University | 624 | Robust Policies Prescription Using Reinforcement Learning by Transforming High Dimensional IoT Sensor Data | 9460165034 | tanushree.gupta.cor@gmail.com |
| 3 | Manish Gupta<br>Shalini E<br>S Kirubakaran<br>Dr. T. Suresh<br>R. KRISHNAN<br>Dr Rajiv Kumar Nath | GLA University, Mathura<br>Meenakshi College of Arts and Science<br>CMR College of Engineering & Technology<br>new prince shri bhavani college of engineering and technology<br>Karpagam College of Engineering Coimbatore<br>SSCSE, Sharda University | 375 | Edge-Driven Multimodal Deep Learning System for Intelligent Healthcare Diagnosis and Patient Monitoring | 73059 54583 | ashishsharma567@hotmail.com |
| 4 | Ashish Sharma<br>Shree Jayaram K<br>G.Devadasu<br>Mrs.S JEYANTHI<br>S. BALAMBIGAI<br>Dr. Navin Prakash | GLA University<br>Meenakshi Academy<br>CMR College of Engineering & technology<br>Karpagam College of Engineering Coimbatore<br>GNIOT College of Engineering | 389 | Secure IoT-Based Intelligent Water Quality Monitoring and Predictive Contamination Detection System | 82203 24922 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 | Sanjeev Goyal<br>Neetika Manglik<br>Pratima Sharma<br>Mamta Goyal<br>Amit Sharma<br>R.K.Yadav | Raj kumar Goel Institute of Technology | 678 | "Effect of Atmospheric Pollution on 5G/6G Signal Propagation" | 9313130034 | drsgoyalji@gmail.com |
| 6 | Vineet Shrivastava<br>Amit Singhal<br>Robin Abraham<br>Kanika Sharma<br>Chhaya Sharma<br>Sarita Singh | Raj kumar Goel Institute of Technology | 296 | Zero-Shot Industrial Robot Task Planning Using Multimodal Vision-Language Foundation Models | 7310805752 | |
| 7 | Vineet Shrivastava<br>Sonika Jalhotra<br>Nidhi Malhotra<br>Anshu Singh<br>Varsha Tyagi<br>Akash Goel | Raj kumar Goel Institute of Technology<br>MIET Engineering College<br>Raj kumar Goel Institute of Technology<br>ABES Business School<br>Raj kumar Goel Institute of Technology<br>Krishna Institute of Engineering and Technology | 298 | Emerging Trends in Large Language Models and High-Performance Computing: A Cybernetic Survey | 8476974997 | |
| 8 | Saragadam Kundana Chinni<br>Kesa Veera Venkata Yaswanth<br>Thalluru Lakshmi Prasanna<br>Neelu Chaudhary<br>Gaganjot Kaur | Manav Rachna University | 242 | Advanced Hybrid Machine Learning Approach for Early Prediction of Differentiated Thyroid Cancer Recurrence | 9985619761, | r.saragadam1111@gmail.com |
| 9 | vivek singh<br>meenakshi awasth | Galgotias University | 732 | Tail Current Enhancement Techniques for Preamplifier of Double-Tail Dynamic Comparators: A Comparative Analysis | 8800722440 | vsingh26@gmail.com |
| 10 | Mankaran Saini<br>Manjeet Singh Teotia<br>Aastha Teotia<br>Aditya Maitreya<br>Dr. Gaganjot Kaur | Raj Kumar Goel Institute of Technology | 2014 | PharmaTrace: A Multimodal Intelligence Framework for Pharmaceutical Authenticity Verification | 8010034250, | mankaransaini2005@gmail.com |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

## Department of ECE (NBA Accredited) & CSE (NBA Accredited)
## Raj Kumar Goel Institute of Technology, Ghaziabad, India

***Technical Session-10***

***Track- Emerging Trends in Large Language Models (LLMs) and High-Performance Computing (HPC) Systems***

**Session Chair :** Dr. Rahul Kaushik, Dr. S.P Bihari
**Session Chair :** Dr. Pooja Pathak
**Session Co-Chair:** Dr. K.P Jayant
**Faculty Coordinator:** Ms. Neha Paliwal
**Volunteer : Daksh Tyagi, Bhumi Agrawal**

**Venue: DS-05, Second Floor, D- Block, ECE Dept.**

***Day 1 Friday (20-11-2026) Timing- 2:00 PM - 5:00 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Sanjay Singh<br>Ankush Kataria<br>Garima Garg<br>Vineeta Singh<br>Lokesh Sharma<br>Yogesh | RKGIT GZB | 2146 | A Deteriorating inventory model with stock dependent demand and preservation Technology | 9837451209 | |
| 2 | Dr. Seema Malik,<br>Abhinav Garg,<br>Sujal Jain,<br>Nikhil Sharma,<br>Lakshay Kalra,<br>Pranati Sharma, | VIPS-TC, | 458 | Performance Optimization of Deep CNN Architectures for Action Recognition Using Parallel Computing | 9654587033 | Simadahiya@gmail.com,<br>gargabhinav105@gmail.com |
| 3 | Divyansh Agarwal,<br>Sameer Shukla,<br>Himanshu Gupta,<br>Aarush Singla,<br>Susmita Das | Bennett University, | 251 | Comparative Analysis of Multilingual Pre-trained Language Models for Hate Speech Detection in Hinglish Code-Mixed Text | 8791549584 | 8791549584,e23cseu1081@bennett.edu.in |
| 4 | Albert Linson<br>Vandana. Mehendiratta<br>Varuna Gupta<br>Ritu Agarwal | Christ University,<br>Christ University,<br>Christ University,<br>RKGIT | 1924 | AEGIS-Test: Adaptive Evidence-Guided Iterative Synthesis for Reliable LLM- Based Software Testing | 9910705796 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 | Prakash N<br>Surendran R | Saveetha School of Engineering | 1958 | Federated Tree Adaptive Attention Network based Pomegranate Fruit Disease Detection for Smart Agriculture | 99942 10426 | rprakash2111@gmail.com |
| 6 | Upasna Patel<br>Dimple Tiwari<br>Rahul<br>Puneet Garg | Vivekananda Institute of Professional Studies<br>Vivekananda Institute of Professional Studies<br>St. Andrews Institute of Technology & Management<br>Krishna Institute of Engineering and Technology | 455 | A generative AI based configurable advertising compliance system using OCR, machine learning and policy ingestion | 8076058606 | patelupasna267@gmail.com |
| 7 | Ms.U.Esakkiammal<br>Ch.Sankar Rao<br>Rakesh Kumar<br>Pushpalatha P<br>S. Balambigai<br>Dr Sandeep Kr Singh | New Prince Shri Bhavani College of Engineering and Technology<br>CMR College of Engineering & technology, Hydrabad,<br>Meenakshi College of Arts and Science<br>Karpagam College of Engineering Coimbatore<br>SSCSE, Sharda University | 385 | Electromagnetic Field Optimization in High-Voltage Transmission Lines for Reduced Corona Loss and Thermal Instability | 82200 08468 | |
| 8 | Bhawna Goel<br>Ajay Shriram Kushwaha,<br>Deepak Kumar | RKGIT<br>sharda university<br>RKGIT | 609 | LLM-Driven Depression Detection from Text and Multimodal Data: A Concise Review | 7457042511 | |
| 9 | Deepak Kumar<br>Afzal Sikander | NIT | 1931 | Enhancing Photovoltaic Array Performance under Partial Shading Using Mirage Search Optimization-Based Reconfiguration | 7017340007 | |
| 10 | Salman Khursheed Ahmad<br>Km Ikra<br>Ramendra Singh<br>Yogita Kaushik<br>Amar Choudhary<br>Pradeep Kumar Tripathi | GL Bajaj Institute of Technology and Management<br>Mangalmay Institute of Engineering and Technology<br>Sunder Deep Group of Institutions<br>Alliance College of Engineering and Design<br>Ajay Kumar Garg Engineering College | 1910 | A Data-Driven Framework for Marketing Strategy and Performance Evaluation in the Electric and Hybrid Vehicle Industry | | |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

## 20th-21st November 2026

## Organised By

## Department of ECE (NBA Accredited) & CSE (NBA Accredited)

## Raj Kumar Goel Institute of Technology, Ghaziabad, India

***Technical Session-11***

***Track- Security, Privacy and Emerging Computing Paradigms***

**Session Chair :** Dr. Tripti Chaudhary,Dr. B.P Joshi
**Session Chair :** Dr. Pushpendra Kumar Rajput
**Session Co-Chair:** Dr. Sanjay Singh
**Faculty Coordinator:** Ms. Anjali
**Volunteer: Devanshi, Eishika Chauhan**

**Venue: DS-06, Second Floor, D- Block, ECE Dept.**

***Day 1 Friday (20-11-2026) Timing- 2:00 PM - 5:00 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Akshitha Malle,<br>Narendra Varma Mandapati<br>Manohar Reddy<br>Shanthi Makka<br>Minu Balakrishnan<br>G. Nageswara Rao | Vardhaman College of Engineering ,<br>Vardhaman College of Engineering ,<br>Vardhaman College of Engineering ,<br>Vardhaman College of Engineering ,<br>Sri Eshwar College of Engineering ,<br>Narasaraopeta Engineering College Narasaraopet, | 146 | Dynamic DNA-Guided Medical Image Encryption Using a 2D Logistic–Sine Chaotic Framework | 9810240417 | akshithamalle904@gmail.com |
| 2 | Saurabh Pratap Singh Rathore | Vikrant University | 420 | Secure Image Communication Using an Enhanced Cybersecurity-Supported Cryptographic Framework | 8581032618, | dr.vivekkumar@lingayasvidyapeeth.edu.in |
| 3 | Priyanka Kaushik, | NIMS University | 440 | A Smart Data-Centric Framework for Predictive Solar Energy Management in Utility-Scale Operations | 7737709978 | dr.pratibhasharma@lingayasvidyapeeth.edu.in |
| 4 | Priyanka Kaushik, | NIMS University | 410 | Towards Cost-Effective and Scalable Cloud Execution Engine Design | 8447565058 | swatigupta@lingayasvidyapeeth.edu.in |
| 5 | Krishan Pal,<br>Amit Kishor | Swami Vivekanand Subharti University, | 612 | Design and Real-World Performance Evaluation of a Blockchain Framework Integrating Quantum-Resistant Cryptographic Techniques | 9720044453 | chauhankp1@gmail.com |
| 6 | Arpita Singh,<br>Ashima | Swami Vivekanand Subharti University, | 616 | Development of a Secure Data Model for Anxiety Prediction in Fog Computing with Enhanced Network Performance | 7668891191 | singharpita2009@gmail,com |
| 7 | Meetu Rani,<br>Renu Chaudhary,<br>Lalit Kumar Sagar | (COER University),<br>(COER University),<br>Meerut Institute of Engineering and Technology, | 796 | A Layered Analysis of Prevent–Detect–Explain Deepfake Defence with Cross-Layer Robustness Evaluation | 8171079949 | meetumann@gmail.com |
| 8 | Ajay Kumar Sahu,<br>Rajeev Kumar,<br>Golnoosh Manteghi,<br>Shailesh Saxena,<br>Amita Shukla,<br>Gopal Krishna Kushawaha | Sharda University,<br>MIT,<br>Kuala Lumpur University of Science & Technology,<br>SRMS College of Engineering, Technology and Research,<br>Noida International University,<br>Chandigarh University | 750 | Benchmarking Smart Card-Based Remote Authentication Mechanisms for Enhanced Cyber-security and Secure Access Control | 9305211690 | ajay4989@gmail.com |
| 9 | Meenakshi Solanki<br>Shruti Gupta<br>Arvind Kumar | ABES Engineering College | 2249 | A Systematic Review of Techniques, Datasets, and Challenges: Explainable AI for Crop Disease Detection | 8447223653 | meenakshi971861@gmail.com |
| 10 | Priyanka Kaushik, | NIMS University | 441 | An Intelligent Framework for Detecting Human Drowsiness Using Visual Behavioral Patterns and Machine Learning | 9466438058 | dr.megha@lingayasvidyapeeth.edu.in |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

## 20th-21st November 2026

## Organised By

## Department of ECE (NBA Accredited) & CSE (NBA Accredited)

## Raj Kumar Goel Institute of Technology, Ghaziabad, India

***Technical Session-12***

***Track-Advanced Communication Systems and Networks***

**Session Chair :** Dr. Sandeep Bhatia, Dr. Sushil Kumar
**Session Chair :** Dr. Nishtha Kansal
**Session Co-Chair:** Dr. Sudhir Sharma
**Faculty Coordinator:** Ms. Vertika Jain
**Volunteer: Jessica Patel, Manvi**

**Venue: DF-08, First Floor, D Block, IT Dept.**

***Day 1 Friday (20-11-2026) Timing- 2:00 PM - 5:00 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Nikhil Bhatt,<br>Pooja Jain, | Droacharya College of Engineering, | 603 | Innovative Techniques in Robot Motion Planning: A Configurable System for Obstacle Avoidance | 9310130586 | nikhilbhattnb2005@gmail.com |
| 2 | Ashish Dixit,<br>Aastha Sharma,<br>Avadhesh Kumar Gupta,<br>Mahesh Sharma,<br>Dr. Akash Kumar,<br>Amrita Tiwari | Ajay Kumar Garg Engineering College,<br>Ajay Kumar Garg Engineering College,<br>IILM University,<br>Ajay Kumar Garg Engineering College,<br>Ajay Kumar Garg Engineering College,<br>Graphic era hill university | 2006 | Enhanced COVID-19 Detection from Chest X-Ray Images Using ERBMAHE and Pre-Trained Convolutional Neural Networks | 9818413351 | |
| 3 | Shipra Srivastava,<br>Kanchan Sharma | Indira Gandhi Delhi Technical University for Women, | 2039 | A Broadband Metamaterial-Based Unit Cell Loaded Aperture Coupled Microstrip Antenna for MIMO System | 9968341752 | bel.shipra@gmail.com |
| 4 | Shivani Sharma,<br>Anju Tiwari,<br>Shreya Vishwakarma,<br>Rishabh Pathak, | ABES EC, | 1855 | Python based wireless sesnor network analysis for Next Gen IoT devices with antenna optimization using AI | 9068169059 | ANJUTIWARI350@GMAIL.COM |
| 5 | Ayyapa Raju Kuchimanchi<br>Manish Nehete<br>Nihal Anil Choure<br>Archana Pushparajan<br>Shilpa Ramesh | Intellious Technologies Private Limited | 2010 | A Compact Multi-Band Monopole Antenna for WiMAX and IoT Applications | 9718140930 | ankur.utsav007@gmail.com |
| 6 | Pondavakam Sukanya<br>Sushil Kumar Singh<br>Neelam Poornima<br>K.Padmanabham<br>V. Sambasiva,<br>P Bhavya | Research Scholar, Dept. of CE Marwadi University<br>Marwadi University<br>Siddharth Institute of Engineering & Technology,<br>Siddharth Institute of Engineering & Technology,<br>Annamacharya Institute of Technology and Sciences<br>Annamacharya Institute of Technology and Sciences | 239 | IDFIDE: An Intelligent Deep Learning Framework for Automated Bird Song Recognition Insights from the Doñana Ecosystem | 8439834900 | sushilkumar.singh@marwadi education.edu.in |

| | | | | | | |
|---|---|---|---|---|---|---|
| 7 | Naween Kumar<br>Tadiwa Elisha Nyamasvisva<br>Bharat Bhushan | Bennett University<br>Kuala Lumpur University of Science and Technology (KLUST), Kuala Lumpur, Malaysia<br>Department of Computer Science and Engineering, Sharda University | 2108 | Renewable-Aware Deep Reinforcement Learning for Sustainable UAV-Enabled Charging in Wireless Rechargeable Sensor Networks | 9525619869 | kr.naween@gmail.com |
| 8 | Priyanka Kaushik | Marik & NIET, NIMS University Rajasthan, Jaipur, India | 433 | Evaluating Energy Sustainability, Service Coverage, and Mobility Handling in Next-Generation Cellular Architectures: From 4G to 6G | 7737709978 | dr.pratibhasharma@lingayasvidyapeeth.edu.in |
| 9 | Aasheesh Shukla<br>Ponmurugan Panneerselvam<br>V.A. Narayana<br>Dr. K. Kumararaja,<br>K. Sheela Sobana Rani<br>Nidhi Singh | GLA University<br>Meenakshi Academy<br>CMR College of Engineering & technology<br>Karpagam College of Engineering Coimbatore<br>GNIOT College of Engineering | 387 | Real-Time Consumer Behavior Mining Using Streaming Analytics and Transformer Networks | 82203 24920 | |
| 10 | Kommu Manvitha<br>Koneti Sruthi<br>Mohammad Anas<br>E. Ravi Kumar<br>Bipin Kumar Singh<br>B. Babu Rao | Vardhaman College of Engineering<br>Vardhaman College of Engineering<br>Vardhaman College of Engineering<br>Vardhaman College of Engineering<br>Sri Eshwar College of Engineering<br>Narasaraopet Engineering College, Narasaraopet | 98 | Detecting Social Engineering Attacks By Using NLP And ML | 7060442707 | shubhamdhakary.cse@itmuniversity.ac.in |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

## 20th-21st November 2026

## Organised By

## Department of ECE (NBA Accredited) & CSE (NBA Accredited)

## Raj Kumar Goel Institute of Technology, Ghaziabad, India

***Technical Session-13***
***Track- VLSI, Embedded Hardware and Electronic System Design***

**Session Chair :** Dr. B.K Saraswat , Dr. Mandeep
**Session Chair :** Dr. Naween Kumar
**Session Co-Chair:** Dr. Lalit Saraswat
**Faculty Coordinator:** Mr. Ravinder Ratan
**Volunteer : Varisha Aijaz, Divyanshi**

**Venue: BF-02, First Floor, B- Block, CSE Dept.**

***Day 2 Saturday (21-11-2026) Timing- 10:00 AM - 01:30 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Absar Alam,<br>Chhavi Dhiman | Delhi Technological University, | 329 | Explainable AI (XAI) for Analog Circuit Design Automation using Machine Learning-Based Surrogate Modeling | 8076436427 | absarmallick01@gmail.com |
| 2 | Manish Kumar,<br>Rohin Gupta,<br>Shilpa Gupta,<br>Gaurav Aggarwal | Department of electronics and communication engineering, | 133 | Performance Optimization of 16nm FinFET-Based 6T SRAM Cells for Low-Power SoC applicati | 9988997482 | manish7800241@gmail.com |
| 3 | Mukkamalla Sree Harinath Reddy,<br>Gaurav Aggarwal,<br>Harpreet Hayer Singh,<br>Rishab Dev Shukla, | M E Student, | 131 | Design and Implementation of a Metastability Resilient Asynchronous FIFO with Programmable Thresholds for Multi-Clock SoC Environments | 7892096616 | |
| 4 | Amar Deep Gupta,<br>Chandrabhushan Prasad,<br>Nisha Wadhawan,<br>Ritika,<br>Subhash Chandra Gupta,<br>Basu Dev Shivahare | Amity University,<br>Galgotias University,<br>Apeejay Stya University,<br>Apeejay Stya University,<br>Galgotias University,<br>Galgotias University | 51 | SEH-AR: A Stochastic Energy Harvesting-Aware Adaptive Routing Protocol for Sustainable Green IoT-Based Wireless Sensor Networks | 9718669896 | amardeep.ip@gmail.com |
| 5 | Nagarathna<br>Apoorva J<br>Dhanya J Ganiga<br>Deekshitha G<br>Chaitra B Hunasimarad | Dayananda Sagar College Of Engineering | 95 | "Design and Analysis of SRAM Cells Using Hybrid Low Power Technique." | 9916990322 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 6 | Abhinav Tyagi<br>Anil Kumar Dubey<br>Mukesh Kumar Ojha | GNIOT | 1912 | Architectural Low-Power Implementation of UART Using Verilog HDL: A Clock-Enable Based RTL Design and Verification Study | 7060921162 | abhinavtooo20@gmail.com |
| 7 | Diya Gupta,<br>Harsh,<br>Dhruv Kawtra,<br>Isha Gupta,<br>Deepika Rawat | VIPS-TC, | 776 | An Air Quality Prediction and Healthcare Risk Analysis System with Scenario-Based Forecasting ar Geo-Spatial Visualization | 9717612278 | 26diyag@gmail.com |
| 8 | Swatantra Kumar<br>Cs Vinitha | Netaji subash university of technology delhi, | 713 | A Low-Power 45nm Subthreshold 9T SRAM With Write Assist CIM for Deep Neural Network | 9456425406 | |
| 9 | Vikas Singhal<br>Aparna Sikarwar<br>Pooja Tomar<br>Puneeta Singh<br>Rakesh Kumar<br>Nidhi Malhotra | Metro University<br>CGC University Mohali<br>GL Bajaj Institute of Technology<br>Krishna Institute of Engineering & Technology<br>GLA University, Mathura | 1897 | A Hybrid Cloud Architecture with Semantic Security Classification for Low-Latency, High-Accuracy AI Image Processing | 9818088860 | profvikassinghal@gmail.com |
| 10 | Gaurav Gulati<br>Mohit Chhabra | M.M Engineering College | 1898 | An Enhanced DenseNet121 for Multimodal MRI-Based Brain Tumor Tissue Classification | 9466607500 | gulati1786@gmail.com |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

**Department of ECE (NBA Accredited) & CSE (NBA Accredited)**

**Raj Kumar Goel Institute of Technology, Ghaziabad, India**

***Technical Session-14***

***Track- Signal, Image and Video Processing***

**Session Chair :** Dr. Pawan Shukla, Dr. Urvashi Gupta

**Session Chair :** Dr. Mrityunjay Rai

**Session Co-Chair:** Dr. Vikash Katoch

**Faculty Coordinator:** Mr. Prakash Joshi

**Volunteer :Harsh shrivastav, Harsh Sinha**

**Venue: BF-03, First Floor, B- Block, CSE Dept.**

***Day 2 Saturday (21-11-2026) Timing- 10:00 AM - 01:30 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Swati Joshi, Monika Gaur, Pratibha Sharma, Gagandeep Bhatia, Preveshika Tiwari , | ABES Institute of Technology, | 257 | Virtual Image Veracity Verification System Using Machine Learning | 7982870670 | cse.swatijoshi@gmail.com |
| 2 | Kajol Maheshwari, | Lingaya's Vidyapeeth (Deemed to be University) | 404 | TensorFlow-Powered Intelligent Fabric Anomaly Detection Framework for Real-Time Quality Control in Textile Manufacturing | 7088432424 | dr.kajol@lingayasvidyapeeth.edu.in |
| 3 | Kajol Maheshwari, | Lingaya's Vidyapeeth (Deemed to be University) | 411 | Neural Style Transfer Using Machine Learning: A Comparative Study of Optimization and Feed-Forward Approaches | 7088432424 | dr.kajol@lingayasvidyapeeth.edu.in |
| 4 | Monika Gaur, Pragya Pal, Mohit Prajapati, Sachin Patel, Praveshika Tiwari | ABES Institue Of Technology, | 1825 | Lightweight Ransomware Detection Using Machine Learning and Reduced Memory-Based Features | 7827152030 | pragyapal2005@gmail.com |
| 5 | Kamini Semalti, Amit Dixit, Pawan Kr. Goel, | Quantum University, | 1823 | Camouflage-Aware Token Reduction and Task-Utility Distillation for Efficient Vision Transformers: An Exploratory Review | 7310960110 | kmn.bhatt@gmail.com |

| | | | | | | |
|---|---|---|---|---|---|---|
| **6** | Mandeep Singh<br>Megha Sharma<br>Deepika Rawat<br>Isha Gupta<br>Pranshu Saxena<br>Pawan Kumar | Bennett University, Greater Noida, India<br>K.R. Mangalam University, Gurugram, Haryana, India<br>Vivekananda Institute of Professional Studies-Technical Campus<br>Vivekananda Institute of Professional Studies-Technical Campus<br>Bennett University, Greater Noida, India<br>Ajay Kumar Garg Engineering College, Ghaziabad, India | 1904 | WAO-ALNS: A Hybrid Metaheuristic Approach for Energy-Efficient and QoS-Aware Trust-Based Routing in MANETs | 9711204482 | mandeepsingh203@gmail.com |
| **7** | Pranshu Saxena<br>Dimple Sethi<br>Isha Gupta<br>Deepika Rawat<br>Mandeep Singh<br>Vineet Shrivastava | Bennett University Greater Noida,India<br>Bennett University Greater Noida,India<br>Vivekananda Institute of Professional Studies-Technical Campus Delhi,<br>Vivekananda Institute of Professional Studies-Technical Campus Delhi,<br>Vivekananda Institute of Professional Studies-Technical Campus Delhi, | 1905 | MedDiffusionNet: A Diffusion-Based Generative Framework for High-Fidelity Medical Image Synthesis and Reconstruction | 9711204482 | mandeepsingh203@gmail.com |
| **8** | Priyanka Kaushik | Marik & NIET, NIMS University Rajasthan, Jaipur, India | 392 | Deepfake Identification Through Advanced EfficientNet-Based Feature Learning | 8439455464 | rao2chamarthi@gmail.com |
| **9** | Tripti Kunj | Lingaya’s Vidyapeeth, Faridabad, Haryana, India | 399 | MRI-Based Brain Tumor Detection and Multi-Class Classification Using a Fine-Tuned MobileNet Model | 9643387152 | dr.tripti@lingayasvidyapeeth.edu.in |
| 10 | Alok Tyagi<br>Gyanendra Prasad Bagri<br>Shiv Prakash Bihari<br>Giraja Shankar Chaurasia | SRM Institute of Science & Technology, Delhi-NCR<br>SRM Institute of Science & Technology, Delhi-NCR<br>Samrat Ashok Rajkiya Engineering College<br>IIMT University  Meerut | 1986 | An Intelligent Reinforcement Learning Framework for Control of a 63-Level Asymmetrical Multilevel Inverter in Hybrid Renewable Energy Systems | 9582801469 | at3687@srmist.edu.in |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

**Department of ECE (NBA Accredited) & CSE (NBA Accredited)**

**Raj Kumar Goel Institute of Technology, Ghaziabad, India**

***Technical Session-15***

***Track- Power System, Smart Grid & Control System, Robotics & Automation***

**Session Chair :** Dr. Ankur Utsav

**Session Chair :** Dr. Priyank Sharma

**Session Co-Chair:** Dr. Pankaj Kumar Sharma

**Faculty Coordinator:** Ms. Neetu Sharma

**Volunteer : Kashish Goel, Mankaran Saini**

**Venue: BG-01, Ground Floor, B- Block, CSE Dept.**

***Day 2 Saturday (21-11-2026) Timing- 10:00 AM - 01:30 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Laxmi,<br>Yajnaseni Dash,<br>Utkarsh Singh,<br>Rekha Kashyap, | KIET Deemed to be University, | 172 | AgroMan: A Multi-Agent Retrieval-Augmented Prototype for Crop Classification and Evidence-Constrained Advice | 9149292361 | laxchauhan98@gmail.com |
| 2 | Ayush Shukla,<br>Shubhangi Kharche,<br>Rupali More,<br>Supriya Bobade,<br>Sumit Prasad,<br>Gauresh Bhoir | | 137 | GroundIntel AI Drone: Machine Learning-<br>Based Terrain Sensing Drone for Real-Time Ground Analysis | 8291365264 | ayushshukla2103@gmail.com |
| 3 | Suraj Prakash Singh Salaria,<br>Arvind Nain,<br>Priyanka Rana,<br>Vikas Kamra,<br>Himanshi Sharma,<br>Archana Singh | Chitkara University,<br>Graphic Era Deemed to be University,<br>IIMT University,<br>Noida International University,<br>Graphic Era Deemed to be University<br>Graphic Era Hill University, | 334 | Adoption and Usability Analysis of the Internet of Things<br>for the Education Sector<br>in Blended Learning Environments | 9779446440 | arvindsnain@gmail.com |

| | | | | | | |
|---|---|---|---|---|---|---|
| **4** | Nitin Narula,<br>Gyanendra Prasad Bagri,<br>Shiv Prakash Bihari, | SRM Institute of Science & Technology,<br>SRM Institute of Science & Technology,<br>Samrat Ashok Rajkiya Engineering college | 1913 | Performance Analysis of a Single-Stage Multistring<br>Inverter for Grid Integrated Solar Photovoltaic Systems | 7835886580 | nitinnarula123@gmail.com |
| **5** | Deepika Gupta | Lingaya's Vidyapeeth, Faridabad, Haryana, India | 418 | An IoT-Enabled Intelligent Emergency Evacuation Information System Using Embedded Technologies for Smart Buildings | 7814223269 | Dr.Deepikagupta@lingayasvidyapeeth.edu.in |
| **6** | Dr. Neha Goel<br>Sandeep Bhatia<br>R K Yadav<br>Abhinav Bansal<br>Hashmat Usmani<br>Raj Kumar Parida | Raj kumar Goel Institute of Technology | 577 | FER-CNN: A Hybrid Deep Learning Framework for Real-Time Facial Expression Recognition with Enhanced Attention Mechanisms | 9958822493 | sandeepbhatia1711@gmail.com |
| **7** | sherayas yadav<br>swatantra kumar<br>vivek singh | IIT Madras<br>Raj kumar Goel Institute of Technology,<br>Raj kumar Goel Institute of Technology | 2161 | A Radiation-Tolerant 12T SRAM Cell with Enhanced Soft-Error Resilience for Space Application | 9456425406 | |
| **8** | vivek singh<br>swatantra kumar<br>R K Yadav<br>Neha Goel<br>Meenakshi Awasthi, | Raj kumar Goel Institute of Technology<br>Raj kumar Goel Institute of Technology<br>Raj kumar Goel Institute of Technology<br>Raj kumar Goel Institute of Technology<br>Galgotias University | 2191 | Source follower-Assisted Pre-amplifier for improving the Performance of Double-Tail Dynamic Comparator | 8800722440 | vsinghfec@rkgit.edu.in |
| **9** | Dr. Amit Singhal<br>Aryan Sharma<br>Tanya Sharma<br>Divyanshi<br>Robin Abraham | Raj kumar Goel Institute of Technology | 2278 | CVX SCANNER: An Automated Evidence Driven Framework for DPDP-Oriented Privacy<br>Auditing of Indian Mobile Apps | 9746628080 | |
| **10** | Vikas Kamra,<br>David Ngo Chek Ling,<br>Golnoosh Manteghi,<br>Tia Singh,<br>Tishya Sharma,<br>Aastik Bhatia | Kuala Lumpur University of Science and Technology,<br>Kuala Lumpur University of Science and Technology,<br>Kuala Lumpur University of Science and Technology,<br>Amity University,<br>Amity University,<br>Amity University | 667 | A Novice Hybrid CNN-GAT Approach for Early Disease Prediction Using Explainable AI | | |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

**Department of ECE (NBA Accredited) & CSE (NBA Accredited)**

**Raj Kumar Goel Institute of Technology, Ghaziabad, India**

***Technical Session-16***

***Track- Sustainable Technologies for a Better Tomorrow***

**Session Chair :** Dr. Urmila Pilania

**Session Chair :** Dr. Manoj Kumar

**Session Co-Chair:** Dr. Pawan Goel

**Faculty Coordinator:** Dr. Parag Rastogi

**Volunteer : Paritosh Pandey, Shreya**

**Venue:BG-02, Ground Floor, B- Block, CSE Dept.**

***Day 2 Saturday (21-11-2026) Timing- 10:00 AM - 01:30 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Sudeshna Chakraborty, Pooja Pandey, Rupa RaniSachin Jain | Galgotias university, Ajay Kumar Garg Engineering College , Ajay Kumar Garg Engineering College , Ajay Kumar Garg Engineering College | 21 | UniRide: A Peer-to-Peer Two-Wheeler Sharing Platform for Affordable Urban Mobility | 7042555422 | rupachoudhary2010@gmail.com / tripathipoojamail@gmail.com |
| 2 | Mala C V, Surendran .R, S Annie Angeline Preethi, Rajeswari C | Saveetha Institute of Medical and Technical Sciences, Saveetha Institute of Medical and Technical Sciences, Sathyabama Institute of Science and Technology, Chennai Institute of Technology | 1954 | EdgeVL-Park: An Edge-Based Vision–Language Framework for Natural Language Driven Smart Parking Surveillance | | mala865977@gmail.com |
| 3 | Akshay Yadav, Anurag Trivedi, Aryan Gupta, Ankush, Pawan Kumar, Vivek Agarwal, | Ajay Kumar Garg Engineering college, | 1843 | Microplastic Detection, Segmentation, and Cross-Domain Contamination Assessment in Water Samples Using Deep Learning: A Domain-Generalized, Confounder-Aware Framework | 7618604435 | akshayadav1704@gmail.com |

| | | | | | | |
|---|---|---|---|---|---|---|
| 4 | Padmavathi T<br>Saveetha<br>Surendran R Saveetha | | 1953 | Transformer-Based Poverty Prediction from Sustainable Development Indicators using Multi-Feature Attention and Recurrent Network | 7538818896 | paduresearch79@gmail.com |
| 5 | Agrima Singh,<br>Aalia Zainab,<br>Anjali Pal,<br>Mohammad Shariz Ansari | Krishna Institute of Engineering and Technology (KIET),<br>Krishna Institute of Engineering and Technology (KIET),<br>Krishna Institute of Engineering and Technology (KIET),<br>Samrat Ashok Rajkiya Engineering College (SAREC) | 746 | Techno Economic Analysis and Optimization of Hybrid Renewable Energy Systems for Neil Island in India | 7302319093 | aalia.2327en1002@kiet.edu |
| 6 | Vatsal,<br>Dr. Seema Malik,<br>Arjun Negi,<br>Tenzin Thinley,<br>Pranati Sharma,<br>Lakshay Kalra | Vivekananda Institute of Professional Studies | 1833 | FedTwin-RUL: Lightweight Digital-Twin-Assisted Federated Learning for Remaining Useful Life Prediction in Heterogeneous Industrial IoT | 9654587033, 8882000000 | simadahiya@gmail.com |
| 7 | Pancham Singh<br>Nidhi Garg<br>Sakshi Goel<br>Neeti Pahuja<br>Shraddha Mishra<br>Suchita Yadav | AKGEC, Ghaziabad<br>RKGITM<br>KIET Deemed to be University, Ghaziabad<br>KIET Deemed to be University, Ghaziabad<br>AKGEC, Ghaziabad<br>Bennett University, Greater Noida | 2085 | Krishi-Kalyan: An AI-Driven Multilingual Agricultural Decision Support System for Indian Farmers | 9911011749 | pancham.akg@gmail.com |
| 8 | Mala C V<br>Surendran .R<br>R M Gomathi<br>Tamilvizhi T | Saveetha School of Engineering<br>Saveetha School of Engineering<br>Sathyabama Institute of Science and Technology<br>Panimalar Engineering College | 1955 | Enhancing Autonomous Driving Safety through Vision-Language Models on Context-Aware Hazard Detection and Reasoning | | mala865977@gmail.com |
| 9 | Arvind Nain<br>Mitali Madhusmita<br>Anup Sagar Dash<br>Priyanka Rana | Graphic Era Deemed to be University, Dehradun<br>Chitkara School of Planning and Architecture, Chitkara University<br>Poornima University, Jaipur Rajasthan<br>IIMT University Meerut, Uttar Pradesh | 532 | Renewable Energy and Systemic Sustainability Transitions Evidence from Global Case Studies | 9779446440 | |
| 10 | Sachin Kumar Yadav<br>Rajeev Ranjan<br>Jaydeep Patil<br>Vishakha Sharma<br>Arushi Sharma<br>Mahesh K. Singh | GLA University, Mathura<br>University Institute of Engineering, Chandigarh University, Mohali<br>Pimpri Chinchwad University, Pune, Maharashtra, India<br>SRM Institute of Science and Technology, Delhi-NCR Campus,<br>School of allied and health sciences, CGC university, Mohali, India<br>Aditya University, Surampalem, AP, India | 587 | DCT-Based Medical Image Watermarking Using ROI and RONI Segmentation for E-Healthcare Applications | 98734 18277 | yadav_sachinyadav@yahoo.com |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

**Department of ECE (NBA Accredited) & CSE (NBA Accredited)**

**Raj Kumar Goel Institute of Technology, Ghaziabad, India**

***Technical Session-17***

***Track- Artificial Intelligence, Data Science, Machine Learning, IoT***

**Session Chair :** Dr. Chandan Kumar, Dr. Shalini Gambhir

**Session Chair :** Dr. Manish Rai

**Session Co-Chair:** Dr. Preeti Sharma

**Faculty Coordinator:** Ms. Varsha Tyagi

**Volunteer : Soni Sharma, TANYA SHARMA**

**Venue: BG-07, Ground Floor, B- Block, CSE Dept.**

***Day 2 Saturday (21-11-2026) Timing- 10:00 AM - 01:30 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Raghav Pant<br>Mansi Bisht<br>Suhani Pandey<br>Tanishka Choudhary<br>Jaya Sharma<br>Neha Ahlawat | Department of Information Technology | 2074 | Intelligent Data Triage System Using<br>Large Language Models | 8130263998 | |
| 2 | Soummya Chowdhury<br>Meenakshi Sharma<br>Ch. Ramakrishna<br>Zeba Yasmin<br>Mandeep Kaur<br>Vijit Srivastava | MIT World Peace University Pune<br>IMS Engineering College<br>Vignana Bharathi Institute of Technology Hyderabad<br>IAMR College Ghaziabad<br>School of Advanced Computing CGC University Mohali<br>United College of Engineering and Research Prayagraj | 1902 | A Machine Learning Model Analyzing User Consumption Behaviour for Credit Risk Assessment in Internet Financial Services | | drmeenakshi220918@gmail.com |
| 3 | Pragya<br>Prity Gupta<br>Manya Sachan<br>Pancham Singh<br>Sanjeev Goyal | Ajay Kumar Garg Engineering College, | 2086 | Transferability and Limitations of Personalized Diffusion Models for Motor Imagery EEG Augmentation | 6387182406 | pragya2313114@akgec.ac.in |

| | | | | | | |
|---|---|---|---|---|---|---|
| **4** | Gaurav Gulati<br>Ashutosh Dhamija<br>Vibhor Harit<br>Manwar Singh<br>Gyanender Kuma | Panipat Institute of Engineering and Technology<br>M.M University, Mullana<br>IMS Engineering College<br>Panipat Institute of Engineering and Technology | 1834 | Multimodal Deep Learning for Early Disease Diagnosis and Intelligent Clinical Decision Support | 9711388724 | chhabraneha2507@gmail.com |
| **5** | Priyanka Singh<br>Gyanender Kumar | Raj Kumar Goel Institute of Technology | 2054 | Career Compass AI: An Intelligent NLP-Based Framework for Resume Analysis and Career Readiness Assessment | 9667360416 | anushkagupta043@gmail.com |
| **6** | David Ngo Chek Ling<br>Golnoosh Manteghi<br>Aman Pal<br>Prakhar Chandra<br>Priyanshu Rai | Kuala Lumpur University of Science and Technology<br>Kuala Lumpur, Malaysia<br>Kuala Lumpur University of Science and Technology<br>Kuala Lumpur, Malaysia<br>Amity University<br>Amity University<br>Amity University | 650 | A Novice Artificial Intelligent Approach for Initial Screening and Prediction of Mental Ailments | 6388713751 | prakharchandra018@gmail.co |
| **7** | Pooja Khanna<br>Raghuraj Singh | Amity School of Engineering & Technology<br>Pranveer Singh Institute of Technology Kanpur | 2184 | Domain-Adversarial EEGNet for Subject-Invariant Cross-Subject Motor Imagery EEG Classification | 9044331266 | ravi.kumarcoder01@gmail.com |
| **8** | K. Sai Vinay<br>P. Aaron Sathwik | Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai<br>Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai | 2192 | STONE-XQ: A Counterfactual Quantum-Enhanced 3D Multi-Task Framework for Explainable Kidney Stone Analysis from CT Images | 9849440705,<br>7013752767,<br>9952088955, | kundetisaivinay@gmail.com |
| **9** | Mehak Jaan<br>Kapil Tomar | hapar Institute of Engineering & Technology, Patiala | 701 | Automated Methods for Cervical Cancer Prediction: A Comprehensive Review | 9781692381,<br>9781692381, | nkaur_me25@thapar.edu |
| **10** | G Michael | Saveetha School of Engineering | 1959 | Ghost Attention Swin Transformer Network for Weed Detection for Precision Agriculture in IoT Environment | 9566555646 | aazhaguraj.cse@gmail.com |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

## Department of ECE (NBA Accredited) & CSE (NBA Accredited)
## Raj Kumar Goel Institute of Technology, Ghaziabad, India

***Technical Session-18***

***Track- Artificial Intelligence, Data Science, Machine Learning, IoT***

**Session Chair :** Dr. Agha Asim Husain
**Session Chair :** Dr. Sudeep Varshney
**Session Co-Chair:** Dr. Sanjeev Goel
**Faculty Coordinator:** Mr. Vivek Singh
**Volunteer : Yuvraj bhardwaj, Abhishek Kharga**

**Venue: BG-08, Ground Floor, B- Block, CSE Dept.**

***Day 2 Saturday (21-11-2026) Timing- 10:00 AM - 01:30 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | R. Sivasubramanian<br>Tamilvizhi T<br>Deepa R<br>Surendran R | Malla Reddy University<br>Panimalar Engineering College<br>SRM Institute of Science and Technology<br>Saveetha Institute of Medical and Technical Sciences | 2139 | AI-Based Analysis of Hidden Human Emotions and Social Connections Using Natural Language Processing | 91766 28799 | deepar2@srmist.edu.in |
| 2 | Abhinav Ashok<br>Santosh Kumar<br>Upadhya<br>Chandan Mourya<br>Aditya Raj Singh<br>Mohit Ruhil | AKGEC Ghaziabad<br>AKGEC Ghaziabad<br>AKGEC Ghaziabad<br>AKGEC Ghaziabad<br>SAC,CGC UNIVERSITY | 1867 | Automated Soybean Seed Quality Assessment using Vision Transformer to Assist Farmers in Seed Quality Evaluation | 9084896346 | & ayush2310170@akgec.ac.in |
| 3 | Ojas Dixit<br>Md Aakib Khan<br>Jitendra Kumar<br>Mandeep Singh Katre<br>Ravi Kumar<br>Nidhi Malhotra | ABES Engineering College<br>ABES Engineering College<br>ABES Engineering College<br>ABES Engineering College<br>IIMT College of Engineering | 2276 | AI Plant Disease and Stress Detection Using CNN-Based Classification and Vision-Language Model-Assisted Analysis | 7217678052 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| **4** | Kashish Jain<br>Sakshi<br>Sarika<br>Dr.Akash Rajak | KIET Group of Institutions | 681 | Skill Based Course Recommendation System | 7417338238 | Email:manjeri.2327csit1020@kiet.edu |
| **5** | Prof. Pushpa Choudhary<br>Dr. Rajnesh Singh | Galgotias College of Engineering and Technology | 1828 | Beyond the pixels: An Enhancement of Image Super Resolution Using Deep Learning-Based GAN | 9716804318 | gangwar.deepti@gmail.com |
| **6** | Shalu tyagi<br>Dr. Abhay Bansal<br>Dr. Vinish Kumar<br>Dr. Jagenrda Singh | Bennett University | 737 | Interpretable Latent Feature Analysis of Brain Tumor Heterogeneity Using Deep Neural Networks. | 9105495448 | shaluashish72@gmail.com |
| **7** | | | | | | |
| **8** | | | | | | |
| **9** | Shivani Dubey<br>Rajeev Kumar<br>Dr. Golnoosh Manteghi | | 647 | Elastic Resource-Aware Cloud Assisted Vision Transformer Framework for Real Time Intelligent Image Analytics | 99525 37993 | profshivanidubey@gmail.com |
| **10** | | | | | | |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

**Department of ECE (NBA Accredited) & CSE (NBA Accredited)**

**Raj Kumar Goel Institute of Technology, Ghaziabad, India**

***Technical Session-19***

***Track- Artificial Intelligence, Data Science, Machine Learning, IoT***

**Session Chair :** Dr. Prachi Chhabra

**Session Chair :** Dr. Sourabh Jain

**Session Co-Chair:** Dr. Arundhati Walia

**Faculty Coordinator:** MS.KM VARSHA

**Volunteer : Aditya Garg, Aditya Kumar Jha**

**Venue: BB-02, Basement, B- Block, CSE Dept.**

***Day 2 Saturday (21-11-2026) Timing- 10:00 AM - 01:30 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Dinesh Kumar B<br>Dhashanamoorthy K<br>Jackulin C<br>Lavanya R<br>Dharshan M S<br>Balaji S | Panimalar Engineering College<br>Panimalar Engineering College<br>Panimalar Engineering College<br>Chennai Institute of Technology<br>Panimalar Engineering College<br>Panimalar Engineering College | 2207 | A DevOps Framework for Predictive Self-Healing in Kubernetes CI/CD Pipelines<br>Using Reinforcement Learning | 8056254565, 7708716863, 6380647798 | dineshkumar1032007dk@gmail.com |
| 2 | KM Muskan<br>Dr. Neha Goel<br>Dr. R.K Yada<br>Dr.Puneet<br>C.Srivastava<br>Hashmat Usman<br>Robin Abraham | RKGIT | 2100 | ECG Arrhythmia Classification Using Discrete Wavelet Features and Intelligent Learning Models: A Comparative Review | 9667043785 | |
| 3 | Pooja Sharma<br>Virat Raj Saxena<br>Mahima Tayal | IMS Engineering College,<br>Raj Kumar Goel Institute of Technology (RKGIT)<br>Krishna Institute of Engineering and Technology | 1827 | Enhancing Disease Prediction in Healthcare through Federated Learning and Ensemble Methods | 9654717223 | pooja.sharma@imsec.ac.in |
| 4 | | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 | Gyanesh Dwivedi<br>Sahil Bhardwaj<br>Jawed Ansari<br>Arjun Gupta Pronab Adhikari | AKGEC | 2205 | Luminia Creator OS: A Privacy-Preserving, Human-Centric AI Platform for Independent Content Creators | 6260459004 | dwivedigaynesh09@gmail.com |
| 6 | Yashasvi Pandey<br>Shilpa Srivastava<br>Aprna Tripathi | CHRIST University<br>CHRIST University<br>Manipal University Jaipur, India | 509 | Deep Learning and Quantum-Enhanced Rapid Earthquake Magnitude Estimation from Short P-Wave Windows | 7903285511 | yashasvi.pandey@bcah.christuniversity.in |
| 7 | Shayan Azmi<br>Shilpa Srivastava<br>Ritu Agarwal<br>Aprna Tripathi | Christ (Deemed to be University), Bengaluru, India<br>Christ (Deemed to be University), Bengaluru, India<br>Raj Kumar Goel Institute of Technology, Ghaziabad, India<br>Manipal University Jaipur, India | 677 | Recent Advances in Face Mask Detection Using Transfer Learning: A PRISMA-Based Systematic Review | 6204139 749 | shayanazmi2006@gmail.com |
| 8 | Gyanender Kumar<br>Dr. Ashutosh Dhamija<br>Dr. Mohit Sharma<br>Dr. Anukriti Sharma<br>Er. Sanjeev Saini<br>Dr. Jaspreet Hira | Maharishi Markendeshwar Engineering College,<br>Maharishi Markendeshwar Engineering College<br>Chitkara University , Rajpura, Punjab , India Maharishi Markendeshwar Engineering College<br>Maharishi Markendeshwar Engineering College | 2112 | A Hybrid BERT-iBiLSTM Framework for Improved Feature Extraction for Text Sentiment Analysis | 9813189893 | dhamija.ashutosh@gmail.com |
| 9 | Neeraj Varshney<br>Rajashri CK<br>M.Suneel kumar<br>Dr. A. S. Kannan<br>K. Sheela Sobana Rani<br>Mahi Singh | GLA University, Mathura<br>Meenakshi College of Arts and Science<br>CMR College of Engineering & technology, Hydrabad, Telangana<br>New Prince Shri Bhavani College of Engineering and Technology,Chenna<br>Karpagam College of Engineering Coimbatore<br>Galgotias College of Engg. and Technology, Gr. Noida | 388 | Deep Knowledge Engineering Framework for Intelligent Academic Performance Forecasting | 861 093 2653 | saurabhbanwar@gmail.com & |
| 10 | Dr. R.Padmavathy<br>Vivekanand Aelgani<br>Aasheesh Shukla<br>Dhanalakshmi V<br>P. S. Pilomina<br>Kartikeya Narayan | New Prince Shri Bhavani College of Engineering and Technology, Chennai<br>CMR College of Engineering & Technology,Hyderabad, Telangana, India<br>GLA University, Mathura<br>Meenakshi Academy of Higher Education and Research<br>Karpagam College of Engineering Coimbatore<br>Galgotias College of Engg. and Technology Gr. Noida-201306, U.P, India | 384 | AI-Integrated Digital Twin Framework for Real-Time Industrial Process Optimization | 93426 11880 | anand.conference@gmail.com |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

**Department of ECE (NBA Accredited) & CSE (NBA Accredited)**

**Raj Kumar Goel Institute of Technology, Ghaziabad, India**

***Technical Session-20***

***Track- Artificial Intelligence, Data Science, Machine Learning, IoT***

**Session Chair :** Dr.Ranjana Kumari

**Session Chair :** Dr. Yajnaseni Dash

**Session Co-Chair:** Dr.Priyanka Tyagi

**Faculty Coordinator:** Ms. Praveshika Tiwari

**Volunteer :Adiya Jha, Arpita Tyagi**

**Venue: BB-03, Basement, B- Block, CSE Dept.**

***Day 2 Saturday (21-11-2026) Timing- 10:00 AM - 01:30 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Shilpa Srivastava<br>Preety<br>Aniya Tyagi<br>Aprna Tripathi | Christ University, Bengaluru<br>Christ University, Bengaluru<br>Bennett University, Uttar Pradesh, India<br>Manipal University Jaipur | 1854 | CVaR-Constrained POMDP Agents in Finance:Guardrail Layers, Coverage and Escalation | 8510962962 | aniyatyagiii@gmail.com |
| 2 | Bhanu Pratap Singh<br>Inderjeet Kaur<br>Nishant Kumar Pathak | AKGEC<br>AKGEC | 2105 | Machine Learning for Early Autism Screening in Children: A Structured Evidence Synthesis and Conceptual Multimodal Framework | 9557036990 | |
| 3 | Tripti Kunj | Lingaya's Vidyapeeth, Faridabad, Haryana, India | 402 | An Intelligent Early Flood Forecasting Model for Managing Uncertain Meteorological Conditions Through K-Nearest Neighbor-Based Classification | 9643387152 | dr.tripti@lingayasvidyapeeth.edu.in |
| 4 | Deepika Gupta | Lingaya's Vidyapeeth, Faridabad, Haryana, India | 416 | An Intelligent Programmatic Advertising Framework<br>Using Artificial Intelligence and Machine Learning for<br>Optimized Ad Placement and Audience Targeting | | Dr.Deepikagupta@lingayasvidyapeeth.edu.in |

| | | | | | | |
|---|---|---|---|---|---|---|
| **5** | Deepika Gupta | Lingaya's Vidyapeeth, Faridabad, Haryana, India | 417 | A Data-Centric Approach to Heart Disease Prognosis<br>Using Machine Learning and Clinical Decision Analytics | 7814223269 | Dr.Deepikagupta@lingayasvidyapeeth.edu.in |
| **6** | Dr.V.Mangaiyarkarasi,<br>V.A. Narayana<br>Ashish Sharma<br>Sathya arthi R<br>K. Dhivya<br>Siddhant | Shri Bhavani College of Engineering and Tech<br>CMR College of Engineering & Technology<br>GLA University,<br>Meenakshi College of Arts and Science<br>Karpagam College of Engineering<br>Galgotias College of Engg. and Technology | 383 | AI-Driven Behavioural Biometrics Framework for<br>Continuous Authentication in Smart Banking Systems | 82200 16234 | |
| **7** | Arya Singh<br>Avinash Kr Sharma | Sharda University | 670 | AI-Powered Intelligent Resume Screening and Recruitment<br>Recommendation Systems: A Systematic Review of<br>Architectures, Evaluation Metrics, and Research Gaps | 8252027413 & | aryadatascience@gmail.com |
| **8** | Priya<br>Dr.Manik Chandra<br>Dr.Sachi Gupta | Dr. A. P. J. Abdul Kalam Technical University<br>Galgotias College of Engineering and Technol | 2190 | Brain Tumor Detection and Classification Using Deep<br>Learning Techniques Based on CNN,VGG16 and<br>Efficientnet V2 | 9891337658 | priya237dabas@gmail.com |
| **9** | Ashutosh Kumar,<br>Rishabh Gupta<br>Shubham Verma<br>Rudra Singh Bisht<br>Trayambak Pandey<br>Priya | Raj Kumar Goel Institute of Technology | 2170 | Brain Tumor Classification on a large dataset containing<br>over 13,000 MRI images Using DenseNet Architectures | 7644092879 | singhshahilpratap@gmail.com |
| **10** | Shivansh Gupta<br>Shivank Pandey<br>Pawan Pandey | Raj Kumar Goel Institute of Technology | 2257 | An Empirical Evaluation of Spatial and Frequency<br>Features for Deepfake Detection | 7355194583 | shivanshgupta0987@gmail.com |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

**Department of ECE (NBA Accredited) & CSE (NBA Accredited)**

**Raj Kumar Goel Institute of Technology, Ghaziabad, India**

***Technical Session-21***

***Track-Artificial Intelligence, Data Science, Machine Learning, IoT, and Blockchain***

**Session Chair :** Dr. Pankaj Goswami

**Session Chair :** Dr. Garima Goswami

**Session Co-Chair:** Dr. Pramod Sagar

**Faculty Coordinator:** Ms. Priyanka

**Volunteer: Aryan Yadav, Bhakti Mittal**

**Venue: BB-05, Basement, B- Block, CSE Dept.**

***Day 2 Saturday (21-11-2026) Timing- 10:00 AM - 01:30 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Dr. Samta Goyal,<br>Dr. Aarti Dwivedi<br>Dr. Neelam Yadav<br>Dr Varun Mohan | Amity University Madhya Pradesh<br>Amity University Madhya Pradesh<br>ABES Engineering College<br>ABES Engineering College | 2083 | Leveraging Artificial Intelligence, Machine Learning and Computer Vision for the Intelligent Characterization and Environmental Deployment of Biopolymer Nanocomposites: A Comprehensive Review | 7415777065 | sjgoyal@gwa.amity.edu |
| 2 | Tanmay Kaushik<br>Dr. Jaishree jain | AKGEC | 1838 | Mobile Sensing and Wearable Technologies for Depression Assessment: A Comprehensive Review of Digital Phenotyping, Machine Learning Approaches, and Clinical Applications | 8929358435 | kaushiktanmay21@gmail.com |
| 3 | | | | | | |
| 4 | Jhalak Saxena<br>Pooja Vajpayee<br>Mridul Dixit<br>Abdullaeva Dilbar Muftaydinova<br>Shakhnoza Ergashev Navruzbek | ABES Engineering College<br>Galgotia University<br>GLA University<br>National Pedagogical University of Uzbekistan<br>Alfraganus University<br>Termez University | 2095 | Federated Predictive Analytics for Healthcare IoT Using Smart Contracts and Machine Learning | 9315820457 | saxenajhalak6@gmail.com |
| 5 | Jahnavi Sharma<br>Sindhu Hak Gupta<br>Jitendra Singh Jadon | | 2093 | Machine Learning Based Crop Recommendation Using Soil and Weather Parameters | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 6 | Vandana .,<br>Anil Kumar Mishra<br>Umakanta Choudhury, | Amity University Haryana<br>Amity University Haryana<br>NIET Alwar, | 303 | Recent Vision-Language and Multimodal Deep Learning Models for Cardiovascular Disease Prediction and Diagnosis. | 8558892288 | 8558892288, tovandanamehta@gmail.com |
| 7 | | | | | | |
| 8 | Tabishi singh,<br>Vidushi Garg<br>Yashika choudhary<br>Gaganjot Kaur | Raj kumar Goel Institute of Technology | 2269 | UPI-Sense: An Explainable, Privacy-First Personal Finance Tracker for Code-Mixed Indian UPI Transactions | 9310652977 | vidushigarg2004@gmail.com |
| 9 | Rahul Sharma<br>Paritosh Pandey<br>Lakshya Choudhary<br>Piyush Singh | Raj kumar Goel Institute of Technology | 2053 | Robust Plant Disease Classification Using EfficientNet-B2 with Multi-View Feature Consistency and Cross-Dataset Evaluation | 8707799353 | officialparitosh2006@gmail.com |
| 10 | | | | | | |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

**Department of ECE (NBA Accredited) & CSE (NBA Accredited)**

**Raj Kumar Goel Institute of Technology, Ghaziabad, India**

***Technical Session-22***

***Track-Artificial Intelligence, Data Science, Machine Learning, IoT, and Blockchain***

**Session Chair** : Dr. Gunjan Varshney

**Session Chair** : Dr. Arvind Panwar

**Session Co-Chair:** Dr. Gaganjot Kaur

**Faculty Coordinator:** Mr. Rahul Sharma

**Volunteer:Daksh Tyagi, Bhumi Agrawal**

**Venue: DS-05, Second Floor, D- Block, ECE Dept.**

***Day 2 Saturday (21-11-2026) Timing- 10:00 AM - 01:30 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Birendra Kumar Saraswat,<br>Josias Guimarães Batista,<br>Prof. Dr. Auzuir Ripardo | GL Bajaj Institute of Technology and Management,<br>Federal Institute of Education<br>Federal Institute of Education | 2150 | An Intelligent Privacy-Preserving Framework for Secure EHRs Using Federated Learning and Explainable AI | 98954564 | saraswatbirendra@gmail.com |
| 2 | Ravi papnai,<br>Ibadulla Abdullaev,<br>Kabulov Kosimboy,<br>Rokhatoy Abidova,<br>Valiyev Lochin,<br>Gulnora Jumayeva | Graphic Era Hill University Haldwani Campus,<br>Mamun University Khiva,<br>Asia International University Urgench,<br>Urgench State University Urgench,<br>Tashkent State Transport University<br>Temiryolchilar Str.<br>Termez University of Economics and Service, | 1880 | Fuzzy Logic Concept for Career Path Planning: Digital Platform Building for Teenagers for<br>Decision Making " | 8171006892 | ravipapnai55@gmail.com |
| 3 | Jaishankar Bhatt,<br>Sarvesh Kumar Gupta,<br>Temurbek Yuldoshev,<br>Xudayberdiyev Baxtiyor,<br>Matveeva Irina ,<br>Pardaev Jamshid | Graphic Era Deemed to be University Dehradun,<br>Oracle America Inc. Saint Peters, USA,<br>Scientific Research Institute of Digital Forensics Uzbekistan,<br>Academy of Law Enforcement of the Republic of Uzbekistan,<br>Andijan State Medical Institute, Uzbekistan,<br>Termez University of Economics and Service | 2143 | Comparative Analysis of Global AI Regulatory Models Using Explainable Machine Learning | 8077915858 | jaishankarbhatt@geu.ac.in |

| | | | | | | |
|---|---|---|---|---|---|---|
| 4 | Ravi papnai ,<br>Valisher Sapayev ,<br>Baykunusova Gulmira Yuldibayevna,<br>Kabulov Kosimboy,<br>Erniyozov O‘razboy,<br>Hamid Sodiqov | Era Hill University Haldwani,<br>Mamun university,<br>National Research University Tashkent,<br>Asia International University Urgench,<br>Tashkent State Transport University Temiryolchilar<br>Termez University of Economics and Service, Termez, | 1877 | Ability of artificial neural network to understand future professional image and prediction of motivation using fuzzy logic system | 8171006892 | Ravipapnai55@gmail.com |
| 5 | Virendra Bora,<br>Valisher Sapayev,<br>Abdullaeva Dilbar Ubaydullaevna,<br>Gulamov Ilkhomjon Komiljonovich,<br>Kushakov Fayzulla,<br>Dilsuz Xurramova | Graphic Era Hill University Haldwani ,<br>Mamun university, Khiva Uzbekistan,<br>National Pedagogical University of Uzbekistan,<br>Muhammad al-Khwarizmi Tashkent,<br>Tashkent State Transport University Tashkent,<br>Termez University of Economics and Service, Termez, | 1888 | Fuzzy Evaluation Model for Enhanced Future Professional Image using Machine Learning Models: A Students’ Perspective. | 8273275006 | virendrabora@gehu.ac.in |
| 6 | Virendra Bora,<br>Ibadulla Abdullaev<br>Djurayev Olimjon Narkulovich,<br>Karimova Gulchehra Abdukarimovna<br>Rajabov Khabibullo<br>Dildora Djumayeva | Graphic Era Hill University Haldwani<br>Graphic Era Hill University Haldwani<br>Karshi State University Karshi, Uzbekistan.<br>Muhammad al-Khwarizmi Tashkent,<br>Tashkent State Transport University,<br>Termez University of Economics and Service, Termez, | 1884 | Design of web based vocational guidance portal for high school students: Decision making through Digital platform | 8273275006 | virendrabora@gehu.ac.in |
| 7 | Varsha Mittal,<br>Narendra Bisht,<br>Khagani M. Gadjiyev<br>Avliyakulov Ashurali,<br>Madina Kosimova | Graphic Era Deemed to be University Dehradun,<br>Graphic Era Hill University Bhimtal Campus, Uttarakhand,<br>Enforcement Academy of the Republic of Uzbekistan,<br>Termez University of Economics and Service, Termez, Uzbekistan.<br>Andijan State Institute of Foreign Languages, National University of Uzbekistan | 2144 | AI Accountability Frameworks in Global Regulatory Environments: Ensuring Transparency and Legal Integrity | 9634435387 | var.aadi@gmail.com |
| 8 | Prakash Singh Bora<br>Arslonbek Nurjonov<br>Nurullaeva Shakhlo Uktamovna<br>Baykunusova Gulmira Yuldibayevna<br>Sultanov Sirojbek<br>Tolib Avliyaqulov | Graphic Era Hill University<br>Mamun University, Khiva, Uzbekistan<br>Karshi State University Karshi, Uzbekistan<br>National Research University, Tashkent, Uzbekistan<br>Tashkent State Transport University<br>Termez, Uzbekistan | 1893 | | 9719230913 | boraprakash107@gmail.com |
| 9 | Gaurav Rawat<br>Panshul Thapliyal<br>Akash Kumar<br>Yuvraj Makani<br>Seema Malik | Vivekananda Institute of Professional Studies | 1858 | Federated Learning and Digital Twin Integration for Privacy-Preserving Predictive Maintenance in Industrial IoT | 9654587033,<br>9667756590 | simadahiya@gmail.com |

| | | | | | | |
|---|---|---|---|---|---|---|
| 10 | Ramveer Yadav<br>Sakil Ansari<br>Harender Pratap Singh Tomar<br>Pawan<br>Dipika Yadav<br>Varun Bhadana | Raj Kumar Goel Institute of Technology | 1837 | An Optimised Feature-Reduced Soft Voting Hybrid Ensemble Framework For Early Diagnosis of Alzheimer's Disease Using Multi-Model Biomarker | 9759504624 | ram70fcs@rkgit.edu.in |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

**Department of ECE (NBA Accredited) & CSE (NBA Accredited)**

**Raj Kumar Goel Institute of Technology, Ghaziabad, India**

***Technical Session-23***

***Track- Security, Privacy and Emerging Computing Paradigms***

**Session Chair :** Dr. Ajay Garg,

**Session Chair :** Dr. Jay kumar Pandey

**Session Co-Chair:** Dr. Sanjay Singh

**Faculty Coordinator:** Ms. Rashi Saxena

**Volunteer: Devanshi, Eishika Chauhan**

**Venue: DS-06, Second Floor, D- Block, ECE Dept.**

***Day 2 Saturday (21-11-2026) Timing- 10:00 AM - 01:30 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Adit Tayal<br>Anunay Shukla<br>Daksh Kumar<br>Jaishree Jain | Ajay Kumar Garg Engineering | 1842 | Audio Deepfake Detection Using Mel-Spectrogram and LFCC With a Lightweight CNN | 7819886198 | Ajay Kumar Garg Engineering College, |
| 2 | | | | | | |
| 3 | Pritibha Sukhroop<br>Dr. Shekhar | Dewan VS Institute of Engineering and Technology | 490 | "Artificial Intelligence in Cybersecurity: From Intelligent Threat Detection to Zero Trust Cloud Security" | | |
| 4 | Anil Kumar Singh<br>Satya Narayan Yadav<br>Manish Gaur<br>Manik Chandra<br>Vineeta Khemchandani | School of Computer Science and Engineering Galgotias University Greater Noida, India<br>SMS, Lucknow, India<br>IIIT Una, India<br>IET,Lucknow India<br>School of Computer Applications and Technology Galgotias University | 2189 | Formal Verification and Security Framework for Tool-Using Agentic AI | 9594621628 | anilsinghrkg@gmail.com |
| 5 | Priyanka Kaushik | Marik & NIET, NIMS University Rajasthan, Jaipur, India | 395 | Enhancing Electronic Health Record Security Through Explainable Artificial Intelligence and Interpretable Decision-Making Models | 8439455464 | rao2chamarthi@gmail.com |
| 6 | Priyanka Kaushik | Marik & NIET, NIMS University Rajasthan, Jaipur, India | 396 | Enhancing VANET Security Through Supervised Machine Learning-Based Detection of Position-Falsification Attacks | 8439455464 | rao2chamarthi@gmail.com |
| 7 | Amit Kumar Upadhyay<br>Dr. Anubhav Kumar,<br>Dr.Amit Singhal. | HRIT University<br>HRIT University<br>RKGIT | 2040 | Formal Security Enforcement for Multi-Agent AI Systems Using a Multi-Agent OS | 9718342590 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 8 | Dev Hooda<br>Divyansh Flodia<br>Prachi Menani<br>Yash Vardhan Trivedi<br>Khushbu Malviya | Ajay Kumar Garg Engineering College | 2259 | ADA-FedAvg: Attack-Distribution-Aware Clustered Federated Averaging for Privacy-Preserving Network Intrusion Detection under Non-IID Conditions | 9034734890 | devhooda348@gmail.com |
| 9 | Anup Lal Yadav<br>Jai Sukh Paul Singh<br>Mahim<br>Mohit Garg<br>Preeti Rana<br>Priyanka Devi | CGC University, Mohali, Punjab<br>Lovely Professional University (LPU) Phagwara, Punjab<br>Chandigarh  University, Mohali, Punjab<br>MMEC, Maharishi Markandeshwar (Deemed T Mullana, Ambala, Haryana<br>Chandigarh  University, Mohali, Punjab | 358 | Hybrid Defense Mechanisms Against Backdoor Attacks in Federated Learning Systems | | |
| 10 | Malay Tripathi<br>Anil Kumar<br>Brijesh Kumar Chaurasia<br>Arun Kumar Takuli | Amity University, Uttar Pradesh<br>Amity University, Uttar Pradesh<br>Pranveer Singh Institute of Technology Kanpur<br>Arun Kumar Takuli | 599 | "Canny-Guided Stable SE-ResNet50 for Yoga Pose Recognition Using Progressive Fine-Tuning" | | |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

## Department of ECE (NBA Accredited) & CSE (NBA Accredited)
## Raj Kumar Goel Institute of Technology, Ghaziabad, India

***Technical Session-24***
***Track-Artificial Intelligence, Data Science, Machine Learning, IoT, and Blockchain***

**Session Chair** : Dr. Minakshi Tomer, Dr. Vishal Upmanu
**Session Chair** : Mr. Pancham Singh
**Session Co-Chair:** Dr. Heena
**Faculty Coordinator:** Ms. Swati
**Volunteer: Jessica Patel, Manvi**

**Venue: DF-10, First Floor, D Block, IT Dept.**

***Day 2 Saturday (21-11-2026) Timing- 10:00 AM - 01:30 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Shalini Verma,<br>Mayank Gupta ,<br>Amit Garg ,<br>Sunil Kumar,<br>Geetanjali Tyagi,<br>Pawan Kumar Goel | ABES Engineering College,<br>Lloyd Institute of Engineering and Technology,<br>Maharaja Agrasen Institute of Technology (MAIT),<br>ABES Engineering College,<br>SRM Institute of Science and Technology, | 472 | Dynamic Comparators: A Comparative Analysi | 7217862220 | shalini.verma0164@gmail.com |
| 2 | Vertika Agarwal,<br>Geetanjali Tyagi,<br>Shalini Verma,<br>Niharika Saxena,<br>Neha Gupta,<br>Pawan Kumar Goel | SRM Institute of Science and Technology,<br>SRM Institute of Science and Technology,<br>ABES Engineering College,<br>SRM Institute of Science and Technology,<br>SRM Institute of Science and Technology,<br>Raj Kumar Goel Institute of Technology | 40 | Design and Implementation of a Real-Time We<br>Detection System Using YOLOv8 and Flask | 721 786 2220 | shalini.verma0164@gmail.com |
| 3 | Sachin Tyagi<br>Pankaj Kumar Das<br>Kamlesh Prashad<br>Salim | SLIET Longowal | 2274 | Infiltrated Photonic Crystal Fiber<br>Interferometer for<br>Refractive-Index-Based Detection of Glucose<br>and<br>Fructose Adulteration | 852713408 | sachintyagi2004@gmail.com |
| 4 | Bindu Handa | Raj Kumar Goel Institute of Technology | 2220 | Physics-Guided Uncertainty-Aware Machine<br>Learning for Cross-Channel BER Prediction in<br>Pilot Aided Digital Communication Systems | 9872465858 | handa.bindu@gmail.com |

# 6th International Conference on Advancement in Electronics & Communication Engineering (AECE-2026)

**20th-21st November 2026**

**Organised By**

**Department of ECE (NBA Accredited) & CSE (NBA Accredited)**

**Raj Kumar Goel Institute of Technology, Ghaziabad, India**

***Technical Session-25***

***Track-Artificial Intelligence, Data Science, Machine Learning, IoT, and Blockchain***

**Session Chair** : Dr. Shanti Makka

**Session Chair** : Dr. Jugal kishore, Dr. Tushar Jaware

**Session Co-Chair:** Dr. Vineet Srivastva

**Faculty Coordinator:** Ms. Chanchal

**Volunteer: Aryan, Tanya**

**Venue: Computer Centre A Block Basement**

***Day 2 Saturday (21-11-2026) Timing- 10:00 AM - 01:30 PM***

| S.No. | Name of Author(s) | Name of Organization | Paper ID | Paper Title | Phone No. | Email Id of all Authors |
|---|---|---|---|---|---|---|
| 1 | Abhijeet U. Banode,<br>Abhishek Verma,<br>Amit Jaiswal,<br>Shahid Amman, | DISH Wireless LLC,<br>DISH Wireless LLC,<br>Hitachi Rail STS USA INC<br>DISH Network LLC, | 2176 | A Predictive-Maintenance Scoring Model for Railway Signaling Assets | -8969 | Phone:<br>amitjaiswal3012@gmail.com |
| 2 | Nur Nahar Rimi,<br>Anika Mahjabin,<br>Nipa Akter,<br>Abu Sayed ,<br>Md Tanvir Rahman Tarafder,<br>Sheikh Nusrat Jahan, | Westcliff University,<br>International American University,<br>Westcliff University,<br>International American University,<br>Westcliff University,<br>Westcliff University | 2209 | Securing the Digital Backbone: Explainable and Resource-Efficient AI Threat Detection for SMEs | 1(213)6769548 | N.rimi.253@westcliff.edu |
| 3 | Abirami A,<br>Dr. S. Ponmaniraj | Saveetha Institute of Medical and Technical Sciences, | 300 | A Runtime Constraint Enforcement Framework for Safe Scholarly Text Generation using Small Language Models | 6374642045 | abiramia0688@gmail.com |
| 4 | Mr. Shubham Dhakarey,<br>Mr. Suraj Sharma,<br>Dr. Nidhi Dandotiya,<br>Dr. Shashikant Gupta,<br>Dr. Abhinandan Dandotiy | ITM University,<br>ITM University,<br>ITM University,<br>ITM University,<br>PIMR | 594 | Deep Learning-Based Classification of Guava Leaf Disease Using MobileNetV2 | 7060442707 | shubhamdhakary.cse@itmuniversity.ac.in |