**COLLEGE OF ENGINEERING KIDANGOOR**

**DEPARTMENT OF CSE**

**TECHNICAL SCHEDULE-NCREIS’21**

**Track 1 : Data Science, Machine Learning and Deep Learning Based Systems**

Date & Time : 15th July;10:45 am- 12:30 pm

GoogleMeet Link : <https://meet.google.com/ptv-ezdt-xva>

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| **Sl. No** | **Paper ID** | **Name** | **Title** |
| 1 | NCREIS21054 | Ram Nivetha R  Vandhana V  Mohammed Fayas S  Ganesh Kumar T | Computer-aided detection of COVID-19 from X-ray images using machine learning techniques |
| 2 | NCREIS21026 | N G Gopikakrishna  Parvathy Sreenivasan  Vinayak Chandran Yadhu Krishna K P  Sanuj S Dev  Krishnaveni V V | Comparative study on Text summarization using RNN and NLP Methods |
| 3 | NCREIS21061 | Allen Shaju  Akshay Kumar S Karthika A J  Fida Mohammed Khaleel  Gayathri J L  Sujarani M S | MEDICAL IMAGE CLASSIFICATION AND CANCER DETECTION USING DEEP CONVOLUTIONAL NEURAL NETWORK |
| 4 | NCREIS21068 | Bhavya Babu  Ansiya Noushad  Austin johns  Joan Vincent  Dr. Remya K Sasi | ALZHEASE CARE Alzheimer’s prediction using deep learning |
| 5 | NCREIS21077 | Agnus James Adarsh S Harisree P Vishnu S | Computer-Aided detection of Tuberculosis Using Convolutional Neural Networks |
| 6 | NCREIS21052 | Abhijith A  Beulah Susan Koshy Mishal K K  Sapna Shaji S  Shemimol B | Detecting Phishing Websites Using Machine Learning |

**Track2 : Computer vision,Image Processing and Signal Processing Applications**

Date & Time : 15th July; 10: 45 am- 12:30 pm

GoogleMeet Link : <https://meet.google.com/app-gfkx-rjt>

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| **Sl. No** | **Paper ID** | **Name** | **Title** |
| 1 | NCREIS21002 | Athirasree Das  Dr.K.S Angel Viji  Linda Sebastian | A Survey on Image and Video Super Resolution with Deep Learning Models |
| 2 | NCREIS21004 | Revathy A S Anitha Abraham  Jyothis Joseph | A Survey On Text Recognition From Natural Scene Images |
| 3 | NCREIS21033 | Sruthy P Scaria  Shandry K K  Ojus Thomas Lee | A STUDY ON HYPERSPECTRAL AND MULTISPECTRAL IMAGE COMBINATION OR FUSION |
| 4 | NCREIS21035 | Suhaila T A  Athira R  Nivya Mariyam Manoj | Human Motion Detection And Alert System With Real Time Video Monitoring |
| 5 | NCREIS21040 | Aswin P  Abhinu C G  Kiran Krishnan Bonymol Baby  K S Angel Viji | Multiple Object Tracking using Deep Learning with YOLO V5 |
| 6 | NCREIS21047 | Anna Biju Kuriakose  Feba siju  Merin K Aji  Thasli Rahim  Chithra Rani P R | AUTOMATIC FRUIT CLASSIFICATION AND FRESHNESS DETECTION |

**Track 3 :Computer vision,Image Processing and Signal Processing Applications**

Date & Time : 15th July; 2:15 pm- 4:00 pm

GoogleMeet Link : <https://meet.google.com/ptv-ezdt-xva>

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| **Sl. No** | **Paper ID** | **Name** | **Title** |
| 1 | NCREIS21056 | Krishnendu M  Priya M  Joby James | No-Reference Image Quality Analysis-An Overview |
| 2 | NCREIS21058 | Rincymol T R  Silpa S Prasad | Smart Bed Based on Convex Hull Technique |
| 3 | NCREIS21064 | Shalini. V  K. S. Angel Viji | Detection of Leukemic Blood Cells from Microscopic Images Using Local Gabor Binary Pattern and Neural Network |
| 4 | NCREIS21076 | Reenu Susan Joseph  Nisha C A  Asha Vijayan | Plant Disease Detection A Review on Various Image Processing Technologies |
| 5 | NCREIS21060 | Roshin K M  Nivin Anil  Nithinraj K  Krishnakumar M  Pragisha K | Textbook Enhancement using Augmented Reality |
| 6 | NCREIS21071 | Firoz K  Faizal Sulthan  Muhammed Shaik S Bezalel V M | SMARTEYE : ANDROID APPLICATION FOR TRAFFIC MONITORING |

**Track 4**  : **Data Science, Machine Learning and Deep Learning Based Systems**

Date & Time : 15th July; 2:15 pm- 4:00 pm

GoogleMeet Link : <https://meet.google.com/app-gfkx-rjt>

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| **Sl. No** | **Paper ID** | **Name** | **Title** |
| 1 | NCREIS21003 | Gargi Chandrababu  Ojus Thomas Lee  Rekha KS | Identification of Plant Species Using Deep Learning |
| 2 | NCREIS21018 | Aneesh S Madhavan  Anjana P  Arathi Narayanan  Govind K R  Sanoj R | ANDROID BASED HAND GESTURE RECOGNITION SYSTEM |
| 3 | NCREIS21023 | Vishvajith L  Alhijas S  Rajasree Reghunathan  Vinayak S | Pneumonia Detection : An efficient approach using deep learning |
| 4 | NCREIS21027 | Jinsu Mani  Anakha Venugopal  Aparna S  Rima Mathew  Prof.Vinu Williams | Crop Yield Prediction Using Machine Learning Algorithms |
| 5 | NCREIS21034 | Sijo Joseph  S I Adithyan  Jishnuraj R  Aswin S  Varun Chand H | DRIVER’s EYE: A Behavioural Monitoring System Using Deep Learning |
| 6 | NCREIS21051 | Gokul L Rajiv  Revathy Nancy  Megha S  Jeena Mary John  Nithya Elsa John | Traffic Flow Prediction Using Random Forest and Bellman Ford for Best Route Detection |
| 7 | NCREIS21050 | Arathi Unni  Ranimol K R  Linda Sebastian  Rajalakshmi S  Sissy Siby | Detecting the Presence of Cyberbullying Using  Machine Learning |

**Track5 : Soft computing, Cloud/ IOT/ Green Computing Applications**

Date & Time : 16th July; 10:15 am- 12:00 pm

GoogleMeet Link : <https://meet.google.com/ptv-ezdt-xva>

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| **Sl. No** | **Paper ID** | **Name** | **Title** |
| 1 | NCREIS21006 | Sabareesh A S  Chethana K  Amal PK  DrisyaNandana D S  Sithara EP | A Raspberry Pi Based Smart Belt  For Women Safety |
| 2 | NCREIS21013 | Asha L J  Sribin Sreenivas  Muhammed Sinan  Muhammed Rafnas C M  Ambili M P | IOT BASED secured Transport sytsem |
| 3 | NCREIS21007 | Mrs Zaiba  Mrs. Manasa M G | Interfacing Robot arm using IoT |
| 4 | NCREIS21065 | Arathy Nair  Gouripriya J  Merry James  Sumi Mary Shibu  Shihabudeen H | Smart Farming and Plant Disease Detection Using IoT and ML |
| 5 | NCREIS21017 | Fathimathul Rushda M  Aswathi U  Akshay T K  Gokul K C  Dhanya V  Ambili M P | A Health Monitoring System For Covid-19 |
| 6 | NCREIS21021 | Anannya Patra  Anirudh B  Arvindh S K  Gautham M K  Irene Komal P  Lalitashree Hedge  Dr. Sheela SV | Greening Data Centres- Holistic Methodology |

**Track 6 : Artificial/ Computational Intelligence Based Systems**

Date & Time : 16th July; 10.15a m- 12.00 pm

GoogleMeet Link : <https://meet.google.com/app-gfkx-rjt>

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| **Sl. No** | **Paper ID** | **Name** | **Title** |
| 1 | NCREIS21001 | Ananthu N  Akshay U  Arun Chandy  Rekha KS  Nair Sanil Ramachandran | Image Filtering and Universal Comment System |
| 2 | NCREIS21009 | Akshaya K  Abhiram C  Aparna K T  Hiba N  Ambili M P | Traffic Info And Real Time Pothole Detection System |
| 3 | NCREIS21010 | Sneha Soorya P  Harikrishnan K  Rahul Anand C  Sangeeth P S  Ambili M P  Sreena S | Chat Bot To Assist Tourists |
| 4 | NCREIS21015 | Niranjen P  Arthana M V  Ayisha T P  Jaseem T P  Ambili M P  Shejina V | Handwritten Equation Solver Using CNN |
| 5 | NCREIS21030 | Nova Mary Thomas  Hari Krishnan  Lazar Tony  Liya K V  Remya K Sasi | Intelligent Student Feedback System For Online Education |
| 6 | NCREIS21037 | Asif Ali  Adithya Jayaprakash Pillai Nirmal T R Asni K K | Healthcare Data Fusion |
| 7 | NCREIS21055 | A M Pranav  Sujooda S  Jerin Babu  Amal Chandran  Anoop S | StockClue: Stock Prediction Using Machine Learning |

**Track 7 : Cryptograpy, Network security and Block Chain Technologies**

Date & Time : 16th July; 1:00 pm- 2:45 pm

GoogleMeet Link : <https://meet.google.com/ptv-ezdt-xva>

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| Sl. No | Paper ID | Name | Title |
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| 1 | NCREIS21019 | Arathi Krishna V  Anusree A  Blessy Jose  Karthika Anilkumar  Ojus Thomas Lee | Phishing Detection Using Machine Learning Based URL Analysis: A Survey |
| 2 | NCREIS21032 | Aleena Anna Jacob  G Wani  Shapna V M  Veena T P  Shanavas K A | Encounter Of The Malicious Code Based On Deep Learning |
| 3 | NCREIS21039 | Nagendar Rao Koppolu  Eswara Sai Prasad Chunduru | Digital Crime Investigation: Unleashing the Secrets of Data by Attributing the Authorship |
| 4 | NCREIS21020 | Vishnu Narayanan S R  Aswin R  Ponnu G Vijay  Thanush Ram S  Devi Dath | EVO: An E-Voting System Using Blockchain |
| 5 | NCREIS21042 | Gopika Sivankutty  Aiwin C Manuel  Christy Jose  Athira P Satheesh  Bincy Elias  Sidharth Sivankutty | Patient Care Management Using QR code:Embracing Blockchain Technology |
| 6 | NCREIS21053 | Pradeepa P K  Dr. N Valliammal 2 | A Survey On An Investigation Of Detection &; Prevention Methods For Cross-Site Scripting (Xss) Attacks |

**Track 8 : WSN, Communication, Robotics and Web Applications**

Date & Time : 16th July; 1:00 pm- 2:45 pm

GoogleMeet Link : <https://meet.google.com/app-gfkx-rjt>

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| **Sl. No** | **Paper ID** | **Name** | **Title** |
| 1 | NCREIS21008 | Manoj M  Reeja R Rajan | Precision Aquaculture Using Underwater Sensor Network |
| 2 | NCREIS21046 | Anju Satheesan  Joby James  Priya M | Channel Quality Prediction An Overview |
| 3 | NCREIS21024 | Kavya Pramod  Elizabeth Cherian | Solar Water Pump using BLDC Motor Drive with High Gain DC-DC Converter |
| 4 | NCREIS21059 | Grace Mary Mathew  Melbin George | Real Time Imitation Of Human Hand |
| 5 | NCREIS21075 | Vishnu S  Shandry KK  Ojus Thomas Lee | A study on augmented reality based tele-operated control of robots |
| 6 | NCREIS21025 | Jamshid C T  Aiswarya G  Anjali UK  Amal Mathew  Prof. Tinimol Andrews | Android Based Remote Health Monitoring System |
| 7 | NCREIS21036 | Kiran Kuruvila  Mary Priyanka K S  Vinu Mani  Jyothish Babu P  Aravind G  Sethulakshmy K R  Kiran Kuruvilla | GPS Based Bus Tracking System |