

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

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OFFLINE Session

Internal Participants

| <u>sl.No</u> | Article Id | Name of the Participants | Name of the College & Department | Article Title | | |
|--------------|------------------------------------|--|---|---|--|--|
| | Mechanical Engineering | | | | | |
| 1. | ICRICCM'23- AAACET_ME- 00202 | G. Vairamuthu, C.Kailasanathan, B.Thangagiri, S.kaneeswaran,V.Nagaraja n | Department of Mechanical Engineering, AAA College of Engineering and Technology, Virudhunagar –626 005, Tamilnadu, India | INVESTIGATION ON MECHANICAL PROPERTIES OF SEASHELL POWDER REINFORCED MATRIX COMPOSITES | | |
| 2. | ICRICCM'23- AAACET_ME- 00203 | P.S.R. Senthil Maharaj, S.Arunpandian,SA. Parthiba Narayanan,S.Prabakaran, | Assistant Professor, Department of MECH, AAA College of Engineering and Technology, Tamilnadu. | Finite Element Analysis and Fabrication of Intramedullary Rod for Femur Fracture | | |
| 3. | ICRICCM'23- AAACET_ME- 00204 | Mr. P.S.R. SENTHIL MAHARAJ., P.Idhayakkani, P. Purusothaman, . M. Ananthaesveran, | Assistant Professor, Department of MECH, AAA College of Engineering and Technology, Tamilnadu. | Design, Finite Element Analysis and Fabrication of Bone Scaffold | | |
| 4. | ICRICCM'23- | S. BALAMURUGAN , N. | Assistant Professor, Department of MECH, | EFFICIENT WATER REPELLENT | | |

| | AAACET_ME- 00205 | ANANTHARAMAN, R. KARTHIKEYAN , I.MARISELVAM | AAA College of Engineering and Technology, Tamilnadu. | BEHAVIOUR OF SILVER NANO PARTICLE/POLYMER COATED ALUMINIUM SUBSTRATE AND ITS ANTICORROSIVE BEHAVIOUR |
|----|------------------------------------|---|--|--|
| 5. | ICRICCM'23- AAACET_ME- 00206 | S. BALAMURUGAN, M.AVINITH, A.S.THILIP KUMAR , S.SATHISKANNA | Assistant Professor, Department of MECH, AAA College of Engineering and Technology, Tamilnadu. | ANALYSIS AND OPTIMIZATION OF ELECTRICAL DISCHARGE MACHINING IN MONEL MATERIAL |
| 6. | ICRICCM'23- AAACET_ME- 00207 | M.KALIRAJ, N. SUDHARSANAN, N. VISWANATH, S. SULTHAN SAIT | Assistant Professor, Department of MECH, AAA College of Engineering and Technology, Tamilnadu. | PREPRATION OF CHARACTERIZATION OF GREEN BIOFLIM USING POLYVINYL ALCOHOL & COCCINIA GRANDIS PEEL POWDER |
| 7. | ICRICCM'23- AAACET_ME- 00208 | P.C.RAJARAJAN, b T.A.MATHIVANAN, b M.MUNEESKUMAR, P.KALICHARAN | Assistant Professor, Department of MECH, AAA College of Engineering and Technology, Tamilnadu. | Experimental Investigation on Wire Arc Additive Manufacturing (WAAM) Process with Cold Metal Transfer (CMT) |
| 8. | ICRICCM'23- AAACET_ME- 00209 | R.MEBYSELVARAJ, P.SELVA KUMAR , M.RAMESHKUMAR, B.MUTHUKUMAR | Assistant Professor, Department of MECH, AAA College of Engineering and Technology, Tamilnadu. | Madhuca Logifolia Seed as a Filler Reinforced Bio Material: Tribology Analysis |
| 9. | ICRICCM'23- AAACET_ME- 00210 | P.Seeni kannan, | Professor, Department of Mechanical Engineering, AAA College of Engineering and Technology, Sivakasi | GREEN TECHNOLOGY STUDY OF PERFORMANCE, EMISSION, AND COMBUSTION CHARACTERISTICS OF CHARCOAL BRIQUETTES |

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| | | | | WITH ARTOCARPHUS HETEROPHYLLUS POWDER. |
| 10. | ICRICCM'23- AAACET_ME- 00211 | R Selvabharathi | Associate Professor, Department of MECH, AAA College of Engineering and Technology, Sivakasi) | Influence of chemical treatment and moisture absorption of tensile behaviour of Indian almonds fiber |
| 11. | ICRICCM'23- AAACET_ME- 00212 | M.KALIRAJ | Assistant Professor, Department of MECH, AAA College of Engineering and Technology, Tamilnadu. | DEVELOPMENT OF AUTOMOTIVE INTERIOR DOOR PANEL USING COIR-POLYESTER COMPOSITES |
| 12. | ICRICCM'23- AAACET_ME- 00213 | M.NAGENDRAN, R.ARUN PRAKASH , M.MANIKANDAN, C.PERIYASAMY | Assistant Professor, Department of MECH, AAA College of Engineering and Technology, Tamilnadu. | Numerical Analysis of Exhaust System Using Computational fluid dynamics [CFD] |
| 13. | ICRICCM'23- AAACET_ME- 00214 | G.MANIKANDARAJA , S.VETRIVEL , L.SARAVANA AKASH , P.VIKRAM | Assistant Professor, Department of MECH, AAA College of Engineering and Technology, Sivakasi, | A POLYPROPYLENE MESH BASED POLYMER COMPOSITE WITH SURFACE ADAPTION PVC FOAM IS AUTOMATICALLY TESTED FOR ITS MECHANICAL PROPERTIES |
| 14. | ICRICCM'23- AAACET_ME- 00215 | G.MANIKANDARAJA, A.BHUVANESH , A.ISAACREINHARD , R.MANMATHAN | Assistant Professor, Department of MECH, AAA College of Engineering and Technology, Sivakasi, | Addressing the mechanical strength and synergistic effects of aluminium foil sheets with different micron counts for a variety of incorporates |
| | I | 1 | EEE | 1 |

| 1. | ICRICCM'23- AAACET_EEE- 00201 | P MANIKANDAN, S Brundha,S Bhuvaneshwari, M Durgadevi | Assistant Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | Mechatronic design and robust control of an artificial ventilator in response to the Covid 19 Pandemic |
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| 2. | ICRICCM'23- AAACET_EEE- 00202 | R. VINOTHKUMAR, M. MUTHUPANDIYAN, A. PUBASHKUMAR , K. RAM ADITHYAN | Assistant Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | SMART SHOPPING SYSTEM |
| 3. | ICRICCM'23- AAACET_EEE- 00203 | M.S.KALYANA SUNDARAM, T. ARUNA, R. RAJA SULAKSHANA, R. RASHIKA | Assistant Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | AN ARTIFICIAL INTELLIGENT BASED DIY ECG HEALTH MONITORING SYSTEM |
| 4. | ICRICCM'23- AAACET_EEE- 00204 | Maheswari M, Abimanyu P, Balamurugan J, Sriram Y | Assistant Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | Design and implementation of Modified Matrix Converter for microgrid with elimination of commutation problems |
| 5. | ICRICCM'23- AAACET_EEE- 00205 | Karuppasamy C, Matheswaran D, Kannimaran K and Srivel M | Assistant Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | Internet of Things Based Automatic Vehicle Accident Detection and Rescue |
| 6. | | | Assistant Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | Energy Conservation via web based load on/off Control |

| 7. | | Sarojini B, Viswabramma M, Jeya Prakash A, Chandramohan M | Assistant Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | Fire Fighting Robot |
|-----|-------------------------------------|--|---|--|
| 8. | ICRICCM'23- AAACET_EEE- 00208 | Chandra V, Muthupandi S, Ramachandra M, Vinoth kumar S, G. Thenmozhi, Saravanakumar.D | Department of Electrical and Electronics Engineering, Anna Univeristy, Chennai, | Voice controlled self balancing robot |
| 9. | | Sarojini B, Sakthi Manikandan M, Vasantha Kumar P, Jayakannan B | Assistant Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | Single Input Dual Output DC – DC Converter for EV Applications |
| 10. | | RAMUVEL M, VELRAJ T, MARISELVAM P, SENBAGA GANESAN T- | Associate Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | A Survey on Smart Home Automation Security System by Using IOT |
| 11. | AAACET_EEE- | M.S.KALYANA SUNDARAM,R. AKASH,V. DEEPANRAJ,S. JAI HARI NATARAJ | Assistant Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | SMART FUEL THEFT DETECTION SYSTEM FOR AUTOMOBILES |
| 12. | ICRICCM'23- AAACET_EEE- 00212 | SENTHIL KUMAR C,Muthulakshmi K, Por kaviya S ,Rashmika M | Professor & Head, Department of EEE, AAA College of Engineering and Technology, Sivakasi. | A NON-INVASIVE METHOD FOR MEASURING HUMAN BODY PARAMETERS |
| 13. | | SENTHIL KUMAR,Sivaram T, Haris Sherif S,Mohamed Masood A | Professor & Head, Department of EEE, AAA College of Engineering and Technology, Sivakasi. | GSM BASED ENERGY MANAGEMENT SYSTEM |

| 14. | | P. Manikandan,M. Manikandan, K. Vairamuthu | Assistant Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | Dual Axis Solar Tracking System |
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| 15. | ICRICCM'23- AAACET_EEE- 00215 | R.Vinothkumar, S.SATHEESH KUMAR, R.B.SELVA PRAKASH, V.SUBA GAWSIK | Assistant Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | LINE FOLLOWER ROBOT |
| 16. | ICRICCM'23- AAACET_EEE- 00216 | NIRMAL KUMAR P, S Deivavalli, R Mounisha | Assistant Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | SMART NOTIFICATION BOARD CONTROLLED USING IOT |
| 17. | ICRICCM'23- AAACET_EEE- 00217 | Karuppasamy C,Venkatanarayanan S, Senthil Kumar C | Assistant Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | ANALYSIS, DESIGN AND SIMULATION OF BIDIRECTIONAL DC- DC CONVERTER |
| 18. | ICRICCM'23- AAACET_EEE- 00218 | R.Vinothkumar, S.Kaleeswari S.Ishwaryalakshmi S.Umasukitha | Assistant Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | IOT BASED COAL MINING SAFETY, MONITORING AND ALERTING SYSTEM |
| 19. | ICRICCM'23- AAACET_EEE- 00219 | M.S.KALYANA SUNDARAM, C. SENTHIL KUMAR | Assistant Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | AN EFFICIENT AND STOCHASTIC ECONOMIC DISPATCH MODEL FOR HYBRID ELECTRIC NETWORK |
| 20. | ICRICCM'23- AAACET_EEE- 00220 | Maheswari M, Hariharasudhan A, Ragul K, Sudar hari prasath K | Assistant Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | Smart home monitoring and control system using IOT |

| 21. | | RAMUVEL M, S.Soniya, S.Monisha Sarojini, M.Muthumari | Associate Professor, Department of EEE, AAA College of Engineering and Technology, Sivakasi | Gesture Controlled Robotic Vehicle By Using IOT |
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| | 1 | | ECE | |
| 1. | ICRICCM'23- AAACET_ECE- 00201 | J. Flora, S. Vijaya Rama Lakshmi, N. Thenmoezhi | Assistant Professor, ECE, AAA College of Engineering and Technology, Sivakasi | Detection of Brain tumor on MRI images using deep learning algorithm |
| 2. | ICRICCM'23- AAACET_ECE- 00202 | T. Gayathri, M. Snekapriyatharshinie, K PADMAPRIYA, | Assistant Professor, ECE, AAA College of Engineering and Technology, Sivakasi | CROP DISEASE DETECTION USING |
| 3. | ICRICCM'23- AAACET_ECE- 00203 | Mr.C.SHANMUGA RAJA, Ms. C.Lalitha, Ms.P.Navitha, Ms.P.Sakthipriya, | Assistant Professor, ECE, AAA College of Engineering and Technology, Sivakasi | SURVEYING USING DRONE |
| 4. | ICRICCM'23- AAACET_ECE- 00204 | E. ANUSUYA, B. SWETHA, M. MANJULADEVI, M.Arundevi | Assistant Professor, ECE, AAA College of Engineering and Technology, Sivakasi | 8-LEGGED SPIDER ROBOT |
| 5. | ICRICCM'23- AAACET_ECE- 00205 | DHANAS SREE N, DHIVYA G, RAJESHWARI K, K.Padmapriya, | Assistant Professor, ECE, AAA College of Engineering and Technology, Sivakasi | DRONE-TO-DRONE COMMUNICATION USING THE MASTER-SLAVE METHOD |
| 6. | ICRICCM'23- AAACET_ECE- 00206 | T.Anusha, G.Karthika, M.Arun Devi, | Assistant Professor, ECE, AAA College of Engineering and Technology, Sivakasi | EXPERIMENTAL CHARACTERISTIC AND EFFICIENT AUTHENTICATION TO INCREASE THE LIFETIME AND EFFICIENCY OF ANT COLONY |

| | | | | OPTIMIZATION WSN |
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| 7. | ICRICCM'23- AAACET_ECE- 00207 | S. KALAIVANI, R.ESTHER BINNY VASANTHA, S.NEHA, D.Suganya | Assistant Professor, ECE, AAA College of Engineering and Technology, Sivakasi | RC Controlled Coconut Tree Climbing and Harvesting Bot using Raspberry Pi |
| 8. | ICRICCM'23- AAACET_ECE- 00208 | J.K.HARI PRASHATH, M.ROOPANRAJ, C.SHANMUGA RAJA | Assistant Professor, ECE, AAA College of Engineering and Technology, Sivakasi | AUTOMATIC ROAD SIGN DETECTION AND VEHICLE CONTROL USING WEB CAM MODULE |
| 9. | ICRICCM'23- AAACET_ECE- 00209 | P.BASIL ROSHAN, A.DINESHKUMAR, M.MUTHUKUMAR, D.Suganya | Assistant Professor, ECE, AAA College of Engineering and Technology, Sivakasi | Conversation Robot using Raspberry Pi |
| 10. | ICRICCM'23- AAACET_ECE- 00210 | S. Angelin Sukirtha,V. Rithiga, B. Padmanaban, | Associate Professor, ECE, AAA College of Engineering and Technology, Sivakasi | IMAGE QUALITY ASSESSMENT FOR FAKE BIOMETRIC DETECTION |
| 11. | ICRICCM'23- AAACET_ECE- 00211 | S. SEVUGARAJAN, C. Ajay Murugan, D. Jailakshman, B. JaiVignesh,P. Rubak, | Professor & Head, ECE, AAA College of Engineering and Technology, Sivakasi | A Smart Indoor mapping system using BLE beacons |
| 12. | ICRICCM'23- AAACET_ECE- 00212 | K.KARTHICK, M.VEERA KUMAR, R.ARUN KUMAR, G.Jayahari Prabhu | Assistant Professor, ECE, AAA College of Engineering and Technology, Sivakasi | Human Detection System On Drone Using ESP 32 Cam |
| 13. | ICRICCM'23- AAACET_ECE- | R.Ramasamy, H.Manireshi, | Assistant Professor, ECE, AAA College of | Location Displaying and Navigating |

| | 00213 | Mr.Saravana kumar | Engineering and Technology, Sivakasi | Pedestrian Robot Using Raspberry Pi |
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| 14. | ICRICCM'23- AAACET_ECE- 00214 | S. Sevugarajan, R. Britvasan, S. Sundharamoorthi, V. Dhamodhara Prabhu, K. Mohamad Muzzamil, | Professor & Head, ECE, AAA College of Engineering and Technology, Sivakasi | Design and Fabrication of a Low- Cost 3D PRINTER for Additive manufacturing |
| 15. | ICRICCM'23- AAACET_ECE- 00215 | M Kaviya, B Pradeeba, C ArchanaDevi, Saravana Kumar P, | Assistant Professor, ECE, AAA College of Engineering and Technology, Sivakasi | SPY ROBOT FOR SURVEILLANCE USING LORA NETWORK |
| 16. | ICRICCM'23- AAACET_ECE- 00216 | S.KARTHIKEYAN, R.DINESHKUMAR,G.JAYA HARIPRABHU | Assistant Profesor,Department of ECE, AAA College of Engineering and Technology, Sivakasi | COST EFFECTIVE SMART SOLUTION FOR METAL SEGREGATION USING IoT |
| 17. | ICRICCM'23- AAACET_ECE- 00217 | S.SEVUGARAJANR, Suriyamoorthy, R.Sivabalan, | Professor and Head, Department of Electronics and Communication Engineering, AAACET, Sivakasi | A Smart Newspaper Reading System for Blind People Using Neural Networks |
| 18. | ICRICCM'23- AAACET_ECE- 00218 | R.Sankareswari, B.Monika, T.SENTHIL | Associate Professor, ECE, AAA College of Engineering and Technology, Sivakasi | MINIATURE MICROSTRIP ANTENNA FOR IOT APPLICATIONS |
| 19. | ICRICCM'23- AAACET_ECE- 00219 | M.Subha, P.Durgadevi, T.Senthil | Associate Professor, ECE, AAA College of Engineering and Technology, Sivakasi | FLEXIBLE WIDEBAND ANTENNA FOR 5G APPLICATIONS |
| 20. | ICRICCM'23- AAACET_ECE- | K. Padmapriya, K. Kavitha | Assistant Professor, ECE, AAA College of | A smart leaf disease detection using xception network classifier on real |

| | 00220 | | Engineering and Technology, Sivakasi | time |
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| 21. | ICRICCM'23- AAACET_ECE- 00221 | Dr.Jayahari Prabhu G, T.senthil, P.Saravana kumar | Assistant Professor, ECE, AAA College of Engineering and Technology, Sivakasi | Design of Underwater Image Enhancement using Effective Super Resolution Method |
| 22. | ICRICCM'23- AAACET_ECE- 00222 | T.senthil,Saravana kumar, M.Arun Devi | Assistant Professor, ECE, AAA College of Engineering and Technology, Sivakasi | Footboard Alert System using IoT |
| | 1 | I | CSE | |
| 1. | ICRICCM'23- AAACET_CSE- 00201 | Dr. J. Sutha, K. NithyaLakshmi, A. Manimehala | Professor and Head, Department of CSE, AAA College of Engineering and Technology, Sivakasi | Classification of mushroom to detect their edibility |
| 2. | ICRICCM'23- AAACET_CSE- 00202 | P. Elamparithi, M. Sai Janani, R. Monisha | Associate Professor, Department of CSE, AAA College of Engineering and Technology, Sivakasi | A Novel Trust Based Approach for Wormhole Attack Detection & Prevention in MANET |
| 3. | ICRICCM'23- AAACET_CSE- 00203 | J.Vinoth Kumar, S.Mohanlal,G.Muthu Pandiyan | UG Student, Department of CSE, AAA College of engineering and technology, Sivakasi | Intelligent voice assistant using OpenAI |
| 4. | ICRICCM'23- AAACET_CSE- 00204 | J. Vinoth Kumar , K. Abinaya , P. Deepika | UG Student, Department of CSE, AAA College of Engineering & Technology, Sivakasi. | HUMANOID DIGITAL ASSISTANT (RIYA) |
| 5. | ICRICCM'23- AAACET_CSE- | T. Vinothini,P. Vasantha Devi, S. Swathika | Department of CSE, AAA College of Engineering and Technology, Sivakasi | COUNTERFEIT CURRENCY DETECTION |

| | 00205 | | | |
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| 6. | ICRICCM'23- AAACET_CSE- 00206 | P. Elamparithi ,P. Padmanaban, R. Selva Balaje | Associate Professor, Department of CSE, AAA College of Engineering and Technology, Sivakasi | Stock Trend Prediction by Sentiment Analysis from News Headlines |
| 7. | ICRICCM'23- AAACET_CSE- 00207 | Dr. J. Sutha,G. Aiswaryalakshmi , K. Poorna Porkamalam | Professor and Head, Department of CSE | Robust Bone Fracture Detection using Transfer Algorithm |
| 8. | | P. Vetrivel , P. Nishadevi , T. Mahalakshmi , D. Jayanthi | Department of CSE, AAA College of Engineering and Technology, Sivakasi | Detection Of Lymphoma From The Bone Marrow Microscope Images Using CNN |
| 9. | ICRICCM'23- AAACET_CSE- 00209 | P.vetrivel, D.Jothi Anantha Kumar, M.Alagarsamy | Assistant Professor, Department of CSE, AAA College of Engineering and Technology, Sivakasi. | DECENTRALIZED VOTING SYTEM USING BLOCKCHAIN |
| 10. | ICRICCM'23- AAACET_CSE- 00210 | Sriram Selvakumar S, Aakarsh S U , Hemalatha J | Student, Department of CSE, AAA College of Engineering and Technology, Sivakasi | Face Recognition System for Live Footage Monitor |
| 11. | ICRICCM'23- AAACET_CSE- 00211 | | Assistant professor, Department of CSE , AAA college of Engineeering and Technology, Sivakasi | DRIVER DROWSINESS DETECTION USING IOT |
| 12. | ICRICCM'23- AAACET_CSE- | G. Kavitha,V. Kalpana,M. Kali Sangareshwari | Assistant Professor, Department of CSE, AAA College of Engineering and | VOICE BASED MAIL SYSTEM FOR VISUALLY |

| | 00212 | | Technology, Sivakasi. | IMPAIRED PEOPLE |
|-----|-------------------------------------|--|--|--|
| 13. | ICRICCM'23- AAACET_CSE- 00213 | R.Nivenithaasri,K.Jayashre e, J.Hemalatha | Student,Computer science and engineering,AAA College of Engineering and Technology, Sivakasi | BIOMETRIC AUTHENTICATION SYSTEM USING THE HUMAN EAR |
| 14. | ICRICCM'23- AAACET_CSE- 00214 | V. Vivek, K. Sri Ranjani,G. Gayathri | Associate Professor, Department of CSE, AAA College of Engineering and Technology, Sivakasi. | Intelligent Video Surveillance for Abnormal Activity Detection |
| 15. | ICRICCM'23- AAACET_CSE- 00215 | V. Vivek, K. Uma Maheswari, K. Umalakshmi, G. Selva Lakshmi | Associate Professor, Department of CSE, AAA College of Engineering and Technology, Sivakasi. | HEART DISEASE EARLY PREDICTION USING MACHING LEARNING APPROACHES |
| 16. | ICRICCM'23- AAACET_CSE- 00216 | G.Kavitha, M.Aarthi, R.Backiya lakshmi | Assistant Professor, Department of CSE, AAA College of Engineering and Technology, Sivakasi. | IoT BASED SMART FLOOD DETECTION AND EARLY WARNING SYSTEM |
| 17. | ICRICCM'23- AAACET_CSE- 00217 | V.Vivek, A.Arumugaperumal, P.Pandisankar, M.Rameshkumar | Associate Professor, Department of CSE, AAA College of Engineering and Technology, Sivakasi. | HUMANOID ROBOT HAND MINIATURE |
| 18. | ICRICCM'23- AAACET_CSE- 00218 | K.Palraj, R.Prince Vasantharaj, G.Naveen Kumar | Assistant Professor, Department of CSE, AAA College of Engineering and Technology, Sivakasi. | Virtual Mouse using Hand Gesture Recognition |
| 19. | ICRICCM'23- AAACET_CSE- | P.Elamparithi, G.Kavitha | Associate Professor, Department of CSE, AAA College of Engineering and | Trust based Detection and Prevention of Black Hole Attack in |

| | 00219 | | Technology, Sivakasi. | MANET |
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| 20. | ICRICCM'23- AAACET_CSE- 00220 | Kavitha.G, Renuga Devi.M, Shivani.P | Assistant Professor, Department of CSE, AAA College of Engineering and Technology, Sivakasi. | DRIVER DROWSINESS DETECTION USING MACHINE LEARNING ALGORITHM |
| 21. | ICRICCM'23- AAACET_CSE- 00221 | Vetrivel.P, Ashika.E, Brindha.R | Assistant Professor, Department of CSE, AAA College of Engineering and Technology, Sivakasi. | AN ENHANCED SUPER RESOLUTION APPROACH TO IMAGE RESOLUTION USING DEEP LEARNING |
| 22. | ICRICCM'23- AAACET_CSE- 00222 | J.Sutha, R.Sakthi Pandian, L.Jebaraj | HOD, Department of CSE, AAA College of Engineering and Technology, Sivakasi. | SMART ELECTRICITY BILL DETECTION AND NOTIFIER ASSISTANT USING OCR |
| 23. | ICRICCM'23- AAACET_CSE- 00223 | P. Elamparithi, G. Madhu Ranjani , J. Annie Reenu | Associate Professor, Department of CSE, AAA College of Engineering and Technology, Sivakasi. | CROP YIELD PREDICTION USING MACHINE LEARNING ALGORITHM |
| 24. | ICRICCM'23- AAACET_CSE- 00224 | P. Vetrivel, S. Suraj Ram , G. Siva Ananadhvel | Assistant Professor, Department of CSE, AAA College of Engineering and Technology, Sivakasi. | Fake news Detection using Machine Learning |
| 25. | ICRICCM'23- AAACET_CSE- 00225 | | Assistant Professor, Department of CSE, AAA College of Engineering and Technology, Sivakasi. | Traffic Sign Detection and Recognition Using Convolutional Neural Network |
| 26. | ICRICCM'23- AAACET_CSE- | K.Palraj,S.Shanthosh Vikash, S.Akash Kumar | Assistant Professor, Department of CSE, AAA College of Engineering and | BRAIN TUMOR DETECTION USING DEEP CONVOLUTIONAL NEURAL |

| | 00226 | | Technology, Sivakasi. | NETWORK | | | | |
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| 27. | ICRICCM'23- AAACET_CSE- 00227 | R.PRABHU, ASWANTH R, KATHIRAVAN M | Assistant Professor, Department of CSE, AAA College of Engineering and Technology, Sivakasi. | Smart AI Based Facial Emotion Detection using Convolutional Neural Network | | | | |
| 28. | ICRICCM'23- AAACET_CSE- 00228 | G Kavitha, S.Gowtham Prabakar, M.Muthukumar | Assistant Professor, Department of CSE, AAA College of Engineering and Technology, Sivakasi. | INTELLIGENT VEHICLE DAMAGE ASSESSMENT AND COST ESTIMATOR INSURANCE | | | | |
| 29. | ICRICCM'23- AAACET_CSE- 00229 | T.Vinothini,S.Vigneshwara n, P.Satheeshkumar | Assistant Professor, Department of CSE, AAA College of Engineering and Technology, Sivakasi) | Search Engine Optimization for Online Text Book & Audio Book System | | | | |
| | CIVIL | | | | | | | |
| 1. | ICRICCM'23- AAACET_CE- 00201 | S. Dinesh, M.Sujay, S.Subramani | Assistant Professor, Department of CSE, AAA College of Engineering and Technology, Sivakasi. | RAINFALL MONITORING BY USING IOT SENSOR | | | | |
| 2. | ICRICCM'23- AAACET_CE- 00202 | M.Bala Murugan, M.Rithik Raj, N.Sangavi | Student, Department of civil engineering, AAA College of Engineering and Technology, Sivakasi. | PREDICTION OF STRUCTURAL FAILURE USING IOT | | | | |
| 3. | ICRICCM'23- AAACET_CE- 00203 | Sam Dharmaraj A, raajkumar0318@gmail.com | Student, Department of civil engineering, AAA College of Engineering and Technology, Sivakasi. | LANDSLIDE MONITORING AND AUTOMATIC PREVENTION USING IOT SENSORS | | | | |
| 4. | ICRICCM'23- AAACET_CE- | S.Dinesh,M.Sujay,S.Subra mani | Department of CIVIL,AAA College of engineering and technology Sivakasi) | RAINFALL MONITORING BY USING IOT SENSOR | | | | |

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| 5. | ICRICCM'23- AAACET_CE- 00205 | SANGAVI N,BALA MURUGAN M,RITHIK RAJ | Student, Department of civil engineering, AAA College of Engineering and Technology, Sivakasi. | PREDICTION OF STRUCTURAL FAILURE USING IOT |
| 6. | IAAACEET CE- | 5 , 5 | Student, Department of Civil, AAA College of Engineering and Technology | LANDSLIDE MONITORING AND AUTOMATIC PREVENTION USING IOT SENSORS |
| 7. | ICRICCM'23- AAACET_CE- 00207 | | Professor, Department of Civil Engineering, AAA College of Engineering and Technology, Sivakasi | Water Quality Analysis for Cauvery River in Tamilnadu |