

**Conferences Publication: 2024-2025**

| S. No | Name of the Author     | Title of the manuscript  | Name of the Conference   | College Name/ Month / Year   | Conference (IEEE/Springer) Book Chapter |
|-------|------------------------|--|--|--|---|
| 1     | Dr. Ramdas Kapila,     | Comparative Analysis of Optimization Algorithms for Feature Selection in Heart Disease Classification        | 2nd International Conference, ICICSA 2023, Intelligent Computing Systems and Applications  | NIT Silchar, India, September' 2023<br>pp 485–499<br>DOI: 10.1007/978-981-97-5412-0_34   | Springer                                |
| 2.    | Venkateswarulu Naik. B | Crop Guard Utilizing Deep Learning for predicting Early Plant leaf disease detection and classification      | International Conference On Sustainable Materials And Manufacturing For Industry 5.0<br>21 <sup>st</sup> and 22 <sup>nd</sup> Feb 2025 | MALLA REDDY ENGINEERING COLLEGE  | ICSMNI 2025                             |
| 3.    | Kavitha Nallamothu     | Recognizing Image Manipulation Utilizing CNN and ELA   | 9 <sup>th</sup> International Conferences on IoT & Connected Technologies ICIoTCT 2024   | National Institute of Technology, Mizoram, Aizawl, Mizoram from 27 <sup>th</sup> September to 28 <sup>th</sup> September 2024. | Springer                                |
| 4.    | Dharavath Bhadru       | Edge Centric IoT Health Monitoring : Optimizing Real Time responsiveness, data privacy and energy efficiency | 6th International Conference on Mobile Computing and Sustainable Informatics (ICMCSI 2025)<br>7-8, January 2025,                       | Purbanchal University, Nepal   | IEEE                                    |
| 5     | Venkat Rao P           | MOS C V Characteristics of   | International Conference On Sustainable  | MALLA REDDY ENGINEERING COLLEGE  | ICSMNI 2025                             |

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|----|--|---|--|---|---------------------------------------|
|    |  | Au/SiO <sub>2</sub> /n GaN MIS Structure by applying Deep Level Transient Spectroscopy (                            | Materials And Manufacturing For Industry 5.0<br>21 <sup>st</sup> and 22 <sup>nd</sup> Feb 2025   |   |                                       |
| 6  | Sai Kiranmai N                           | MOS C V Characteristics of Au/SiO <sub>2</sub> /n GaN MIS Structure by applying Deep Level Transient Spectroscopy ( | International Conference On Sustainable Materials And Manufacturing For Industry 5.0<br>21 <sup>st</sup> and 22 <sup>nd</sup> Feb 2025 | MALLA REDDY ENGINEERING COLLEGE   | ICSMMI 2025                           |
| 7  | T. Manoj Kumar                           | Investigation of the Phase Transition from Paramagnetic   | International Conference On Sustainable Materials And Manufacturing For Industry 5.0<br>21 <sup>st</sup> and 22 <sup>nd</sup> Feb 2025 | MALLA REDDY ENGINEERING COLLEGE   | ICSMMI 2025                           |
| 8. | G Shailja                                | Gender in the Digital Humanities: Making Voices Heard, Uncovering Silences  | International Conferences on digital Humanities 2025<br>22-24 January 2025   | VNRVJIET, Hyderabad   | UNESCO                                |
| 9  | AMGOTH SRINIVAS                          | Integrated approaches for agricultural landscape monitoring and plant disease management                            | 2024 4th Asian Conference on Innovation in Technology (ASIANCON)   | Pune, India. Aug 23 - 25, 2024  | IEEE                                  |
| 10 | C.sasikala, V.Prasanth, B.Leela Radhika  | Power Stability and power factor correction for smart grid Technology   | 2 <sup>nd</sup> international Conference on contemporary Issues in Science, Engineering &Technology(ICCISET-2K25                       | 23 <sup>rd</sup> &24 <sup>th</sup> May 2025, Aditya College of Engineering, Madanapalle,AP. | International Conference Proceedings. |
| 11 | CH.Prasanna V.Ramudu V.Pradeep B.Lavanya | Electric vehicle& Battery Technology.   | 2 <sup>nd</sup> international Conference on contemporary Issues in Science, Engineering & Technology(ICCISET)                          | 23 <sup>rd</sup> &24 <sup>th</sup> May 2025, Aditya College of Engineering, Madanapalle,AP. | International Conference Proceedings  |

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|----|--|---|---|--|--------------------------------------|
| 12 | P.Lalitha Madhuri<br>S.Lakshmi Devi<br>Emmadi sateesh  | An Adaptable Non – Isolated Dual Input-Dual Output Converter for Use in Electric Vehicles                                 | 2 <sup>nd</sup> international Conference on contempory Issues in Science, Engineering & Technology(ICCISET-2K25 | 23 <sup>rd</sup> &24 <sup>th</sup> May 2025, Aditya College of Engineering, Madanapalle,AP.  | International Conference Proceedings |
| 13 | G. Suguna<br>B. Leela radhika  | Damping of power system oscillations by sssc equipped with a hybrid damping controller                                    | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024)      | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings.     |
| 14 | K.Eswaramoorthy<br>V.Ramudu  | Optimization of Buck Converter Design Using Machine Learning for Enhanced Efficiency and Minimization of Switching Losses | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024)      | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings.     |
| 15 | Prasanjit Singh  | Optimizing Early-Stage Breast Cancer Detection: A Systematic Comparison of Ensemble Methods with Hyperparameter Tuning    | International Conference On Recent Advancements In Artificial Intelligence & Soft Computing – ICAISC 2025       | June 5th 2025  | Scopus                               |
| 16 | Adepu Ramcharan,<br>Gedalavenkat<br>Ramana,<br>Peddagollabhanu<br>Prakash<br>,<br>Mohammed Riyaz | Design And Analysis Of G+9 Residential Building Using Staad Pro   | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024)      | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings.     |
| 17 | Adunurivahaan Sai,<br>Mesala Jyosna,<br>Kasthuri Ramavath,                                       | A Case Study On High Raised Building - Shankarpally, Ranga  | National Conference on Recent Trends in Engineering and   | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings.     |

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|----|--|---|--|--|----------------------------------|
|    | Penta Yasthwanth   | Reddy   | Technology, Management and Sciences (NCRTEMS-2024)   |  |                                  |
| 18 | M.Rishitha, M.Swathipriya S.Manikrao, L.Venkatesh  | A Study On Behaviour Of Nano Silica On Mechanical Properties Of Ternary Blended Concrete                | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |
| 19 | Yerrabelly Shiva Krishna, Amgothu Rambau, Arabati Shivakumar, M.R.T.Manikanta, Kamalshetty Goutham | Experimental Investigation On Self Curing Concrete Using Calcium Chloride For M30 Grade Concrete        | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |
| 20 | R.Srividhya, S.K.Raheem, P.Asif, T.Pranaykumar   | An Experimental Investigation On Partial Replacement Of Coarse Aggregate With Coconut Shell In Concrete | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |
| 21 | Tene Pravallika, Aera Mahipal, Gaddam Ramakanth, Thimmakapally Anitha, Thotavamshikrishna,         | An Experimental Study On Mivan Formwork Technology Using Aluminium Plates                               | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |
| 22 | M.Ganesh , Y.Dileep Reddy, N.Sukendar , O.Sai Tharun   | A Detailed Study On Jeedimetla Effluent Treatment   | National Conference on Recent Trends in Engineering and Technology, Management and                         | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |

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|    |   |   | Sciences (NCRTEMS-2024)  |  |                                  |
| 23 | T. Durga Prasad, Ch.Kotesh, K.Srikanth, V.Rajashekhar Reddy                                 | A Study On Advance Welding And Non Distrustive Test | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |
| 24 | Bommenna Devaraj, Bhujankar Deepika, Daravath Swathi, Madaraboina Karthik, Katravath Kishor | Design And Fabrication Of Bevel Gear                | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |
| 25 | N.Shiva Shankar, V.Anil, V.Chandra Reddy, D.Soma Sekhar, P.Mani Chandra                     | CNC Lathe Machine Fabrication                       | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |
| 26 | Katta Deepaksai, Begari Raju, Dasari Abhilash, Singaram Santhosh, Paila Tharakeswara Rao    | Design Of Cylinder Engine Piston                    | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |
| 27 | Oggu Vishnu Vardhan, Bairi Anudeep, Pulgam Navaneeth, Kondra Praneeth                       | Designing Of Bag Filter                             | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |

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| 28 | Chitikela Gnaneswar, H Ramu  | Injection Moulding                     | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |
| 29 | Md Atifjamshed, Md Sadabmalick, Vivek Singh  | Mechanical System &CAD And Design      | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |
| 30 | D. Upendra Rao, R.Saiteja, B.Shiva Shankar Vara Prasad, G.Aravind P.Chandrasekhar                                  | Milling Machine And Its Process        | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |
| 31 | G.Mahesh, M.Sai Kiran, P.Mounika, P.Mahender, P.Ujwala   | Diesel Engine Overhaul And Inspection  | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |
| 32 | Mr. Chirram Adithya, Mr. Madduri Manikanta, Mr. Mabbu Vamshi Krishna, Mr. Mekala Harsha Vardhan, Mr. Polaveni Anil | Processing And Manufacturing Of Cement | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |
| 33 | Balyala Ravi Teja, Maheshuni   | Production And Manufacturing Of        | National Conference on Recent Trends in  | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering              | National Conference              |

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|    | Vamshikrishna,<br>Marripelli Rajkumar  | Agricultural Equipments   | Engineering and<br>Technology,<br>Management and<br>Sciences (NCRTEMS-<br>2024)                            | college. Hyd   | Proceedings.                     |
| 34 | Mr. Jummidi Sumanth, Mr. Ganji Sanjay, Mr. Kothakonda Sai Manoj, Mr. Ranga Nithish, Mr. Kamperla Ravi Kishore, Mr. Shaik Sharukh | Working On The Assembling Process Of An IC Engine                 | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |
| 35 | Ghanathe Rohan, Medari Naresh Kumar, Somwanshi Rohit, Vishal, Jai Shiva  | Bevel Gear Design And Fabrication                                 | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |
| 36 | B.Vishnu, P.Ajay Kumar, E.Manoj Kumar, U.Maruti, G.Naveen  | Design Optimization Of CNC Milling Machine For Improved Accuracy  | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |
| 37 | Banothu Abhishek, Devasani Manikanta, Elasagaram Vinay Kumar, Kavali Jagadeeshwar, Thokala Saketh                                | Online Monitoring Of Patients At Icu By Doctor And Family Members | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |
| 38 | Gangannagari Nithin Goud, Aman   | Smart Parking Using Iot And Machine Learning                      | National Conference on Recent Trends in  | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering              | National Conference              |

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|    | Kumar, Chepyala<br>Praneeth, Punnam<br>Bhagyalaxmi,<br>Gandham Srinivas   |   | Engineering and<br>Technology,<br>Management and<br>Sciences (NCRTEMS-<br>2024)   | college. Hyd   | Proceedings.                           |
| 39 | Kale Sai Harsha<br>Sree, Duduri<br>Prashanth, Devasani<br>Sai Giridhar,<br>Vanguri Hema<br>Priya, Uppari<br>Sandeep | Early Flood Detection<br>Based On IOT   | National Conference on<br>Recent Trends in<br>Engineering and<br>Technology,<br>Management and<br>Sciences (NCRTEMS-<br>2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024,<br>Narsimha Reddy Engineering<br>college. Hyd | National<br>Conference<br>Proceedings. |
| 40 | Maraveni Rishik<br>Sai, Loudya Sai<br>Teja, Gudise<br>Rakesh, Kundella<br>Sai Charan, Vadla<br>Srikanth Chary       | Weeder Machine<br>Operated By Solar<br>Power                                    | National Conference on<br>Recent Trends in<br>Engineering and<br>Technology,<br>Management and<br>Sciences (NCRTEMS-<br>2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024,<br>Narsimha Reddy Engineering<br>college. Hyd | National<br>Conference<br>Proceedings. |
| 41 | Bodakunta Anjan<br>Kumar, Ettaboina<br>Rakesh, Medikunde<br>Sampath, Madugula<br>Mahesh, Munigela<br>Sairam         | Road Damage Detection<br>And Speed Reduction                                    | National Conference on<br>Recent Trends in<br>Engineering and<br>Technology,<br>Management and<br>Sciences (NCRTEMS-<br>2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024,<br>Narsimha Reddy Engineering<br>college. Hyd | National<br>Conference<br>Proceedings. |
| 42 | Somu Manasa<br>Reddy, Nanneboina<br>Karthik, Kammari<br>Shiva, Tungam<br>Vaishnavi, Bennuri<br>Vishnu Vardhan       | Earth Leakage Detection<br>At The Tower And<br>Alerting Through A<br>Gsm Module | National Conference on<br>Recent Trends in<br>Engineering and<br>Technology,<br>Management and<br>Sciences (NCRTEMS-<br>2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024,<br>Narsimha Reddy Engineering<br>college. Hyd | National<br>Conference<br>Proceedings. |
| 43 | Ettineni<br>Aravindkumar,<br>M.Uday Kumar,<br>Ranga Nikhil,   | Multi-Purpose<br>Agriculture Robot  | National Conference on<br>Recent Trends in<br>Engineering and<br>Technology,  | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024,<br>Narsimha Reddy Engineering<br>college. Hyd | National<br>Conference<br>Proceedings. |

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|    | Thalari Raghavar, Kacharla Pavan                               |   | Management and Sciences (NCRTEMS-2024)   |  |                                  |
| 44 | Thurpu yashwanth, Thota Achyuth, Saibabareddy, Preetham,Ganesh | Coal Quality Monitoring With Enhancing Thermal Power Plant Efficiency And Advanced Drying Techniques. | National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024) | 11 <sup>th</sup> and 12 <sup>th</sup> November 2024, Narsimha Reddy Engineering college. Hyd | National Conference Proceedings. |

**Dean-R&D**

**Principal-NRCM**

**Director- NRCM**