



VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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 NBA Accreditation for B.Tech. CE,EEE,ME,ECE,CSE,EIE,IT,AME, M.Tech. STRE, PE, AMS, SWE Programmes
 approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF (2023) Rank band:101-150 in Engineering Category
 College with Potential for Excellence by UGC, JNTUH-Recognized Research Centres:CE,EEE,ME,ECE,CSE
 Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O.), Hyderabad – 500 090, TS, India.
 Telephone No: 040-2304 2758/59/60, Fax: 040-23042761
 E-mail: postbox@vnrjiet.ac.in, Website: www.vnrjiet.ac.in

| Conferences/Books | | | | | | | | |
|-------------------|-----------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------|----------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------|
| 2021-2022 | | | | | | | | |
| S.No | Name of the Authors | Conference/ Book Chapter | Title of the paper | Name of the Conference | Nationa l/ Internat ional | Year of Publicati on | ISBN/ISSN Number | doi |
| 1 | N. Sandhya, M Rajasekar, V. Sowmya | Conference | Analysis of Soft Computing Techniques to Forecast Mechanical Attributes of an Alloy | International Conference on Data Science, Machine Learning and Applications | Internat ional | Nov-21 | 978-981- 16-3689-9 | https://doi.org/10.1007/978-981-16-3690-5_147 |
| 2 | Bhanusree. Y; Sree Deeksha. B; Sohan. V; Ajay. D; Eshwar Sai Ram M | Conference | A Deep Learning Approach to Predict Covid-19 Through Cough Analysis Using CNN-BiDirectional LSTM | International Conference for Advancement in Technology | Internat ional | Jan-22 | 978-1- 6654-2578- 0 | 10.1109/ICONAT53423.2022.9726067 |

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| 3 | Yalamanchili Bhanusree, Ummenthala Srimanth Reddy, Gunuganti Jeshmitha, Dontha Bharadwaj & Kalva Sravani | Conference | Capsule Network Based Speech Emotion Recognition for Efficient Capturing of Spatial Features | International Conference on Advanced Informatics for Computing Research | Internat ional | Jun-22 | 978-3-031- 09468-2 | https://doi.org/10.1007/978-3-031-09469-9_22 |
| 4 | Bhanusree.Y Yalamanchili, T. Vishnu | Conference | Capsule Networks based Acoustic | International Conference on | Internat ional | Sep-21 | 978-1- 6654-3522- | 10.1109/ICSE52305.2021.963395 |
| 5 | Talluri Sunil Kumar, Sarangam Kodati, Sagar Yeruva & Talluri Susan | Conference | A Novel CNN-Based Classification and Prediction of COVID- 19 Disease Using Deep Learning | Second International Conference on Advances in Computer Engineering and | Internat ional | Feb-22 | 978-981- 16-7388-7 | 10.1007/978-981- 16-7389-4_55 |
| 6 | Sudhakar Yadav N; Sagar Yeruva; T Sunil Kumar; Talluri Susan | Conference | The Improved Effectual Data Processing in Big Data Executing Map Reduce Frame Work | 2021 IEEE Mysore Sub Section International Conference | Internat ional | Dec-21 | 978-1- 6654-1143- 1 | 10.1109/MysuruCon52639.2021.9641660 |
| 7 | P. Subhash, P. Navya Sree & M. Pratyusha | Conference | SmartRPL: Secure RPL Routing Protocol for Internet of Things using Smart Contracts | International Conference on Smart Computing and Informatics | Internat ional | Jul-21 | 978-981- 16-0877-3 | 10.1007/978-981-16-0878-0_78 |
| 8 | M. N. Das, N. Panda, Rasmita Routray | Conference | A study on varieties of Computer Intelligent models for early detection of Prostate cancer | 2021 IEEE 4th International Conference on Computing, Power and Communication Technologies (GUCON) | Internat ional | Sep-21 | 978-1- 7281-9952- 8 | 10.1109/GUCON50781.2021.9573808 |
| 9 | Dr. D. N. Vasundhara, N. V. Sailaja, Mr. V. Surya Narayana Reddy | Book | Machine Learning | Machine Learning | | Oct-21 | 978-93- 91150-68- 6 | Machine Learning - Horizon Books |

2022-2023

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| 10 | Y. Bhanusree, Divya Bulusu, Divija Chinni, Akanksha Narahari, Suma Sree | Conference | Survey of Identification of Alzheimer's Disease using MRI, Speech | Communication, Software and Networks | National | Oct-22 | 978-981-19-4989-0 | https://doi.org/10.1007/978-981-19-4990-6_23 |
| 11 | Praveen Tumuluru; S.Sai Kumar; N. Sunanda; Jaswanth Sai Koduri; Teegela Ayyappa; Kilaru Balasankar | Conference | SDDD: stacked ensemble model for driver drowsiness detection | 5th International Conference on Smart Systems and Inventive Technology (ICSSIT 2023) | International | Mar-23 | 978-1-6654-7466-5 | 10.1109/ICSSIT55814.2023.10060933 |
| 12 | Praveen Tumuluru; Lakshmi Ramani Burra; N. Sunanda; Shaik Sharez Hussain; Dudipalli Madhu, Hasthi Venkat Varma | Conference | SMS: SIGNS MAY SAVE – Traffic Sign Recognition and Detection using CNN | 6th International conference of Electronics, Communication and Aerospace Technology (ICECA) | International | Jan-23 | 978-1-6654-8271-4 | 10.1109/ICECA55336.2022.10009638 |
| 13 | Attili Venkata Ramana, Ujwala Bhoga, Ramya Krishna Dhulipalla, Ajmeera Kiran, B Deepthi Chary, Pundru Chandra Shaker Reddy | Conference | Abnormal Behavior Prediction in Elderly Persons Using Deep Learning | 2023 International Conference on Computer, Electronics & Electrical Engineering & their Applications | International | Jun-23 | 979-8-3503-3800-3 | https://doi.org/10.1109/IC2E357697.2023.10262547 |
| 14 | B. Venkateswarlu, N. Sunanda, A Yaswanth Mani Kumar, A Naga Siva Charan Reddy, B. Ram Gopal Hyndav | Conference | AI-based Gender Identification using Facial Features | 2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAIC) | International | Mar-23 | 978-1-6654-5630-2 | https://doi.org/10.1109/ICAIC56838.2023.10140602 |

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| 15 | SK Masthan Basha, Ashalatha G, Srisailapu D Vara Prasad, Mazin R. Al- Hameed, Sajad Ali Zearah, K Sai Kumar | Conference | A Study and Recognition of Alzheimer's Disease Using Machine Learning | 2023 IEEE 8th International Conference for Convergence in Technology (I2CT) | Internat ional | Apr-23 | 979-8- 3503-3401- 2 | https://doi.org/10.1109/I2CT5786.1.2023.10126232 |
| 16 | Ashalatha G, Sanjay Modi, Anil Kumar Dixit, R Ravi Kumar, Hayder Al- Chilibi, Malik Bader Alazzam | Conference | Ensuring Security in Internet of Everything (IoT) With Smart Sensor Networking and Mobile Ad Hoc Network | 2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE) | Internat ional | May-23 | 979-8- 3503-9926- 4 | https://doi.org/10.1109/ICACITE57410.2023.10182597 |
| 17 | Reddyvari Venkateswara Reddy, Monisha G S, Ahmed Mudassar Ali, Palivala Yamini Devi, Madhusudhan M V, Yadala Sucharitha | Conference | Empirical Method for Thyroid Disease Prediction Using a Deep Learning Techniques | 2023 IEEE 8th International Conference for Convergence in Technology (I2CT) | Internat ional | Apr-23 | 979-8- 3503-3401- 2 | https://doi.org/10.1109/I2CT5786.1.2023.10126291 |
| 18 | Yadala Sucharitha, Pundru Chandra Shaker Reddy, G. Suryanarayana | Book | Network Intrusion Detection of Drones Using Recurrent Neural Networks | Drone Technology: Future Trends and Practical Applications | Internat ional | May-23 | 978-1394- 166534 | https://doi.org/10.1002/9781394168002.ch15 |
| 19 | Pichiyan Vijayaragavan, Chalumuru Suresh, V Surya Narayana Reddy, G Sathar, T Vijila | Conference | Online Prediction of Positive and Negative Emotionology Applying Machine Learning Technique | 2023 7th International Conference on Intelligent Computing and Control Systems (ICICCS) | Internat ional | May-23 | 979-8- 3503-9725- 3 | https://doi.org/10.1109/ICICCS56967.2023.10142875 |
| 20 | Gangarapu Shirisha, M. Raja Sekar | Conference | A Novel Approach to Project Employee's Performance and Confinement | Cognitive Science and Technology | Internat ional | Jan-23 | | https://doi.org/10.1007/978-981-19-2358-6_59 |

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| 21 | T. V. Sai Krishna, Siva Kumar Pathuri, Kasturi Sai Sandeep, Manoj Kumar Padhi, Inakollu Aswani, D Haritha | Conference | An Efficient Machine Learning Classification Model for Diabetes Prediction | 2023 IEEE 12th International Conference on Communication Systems and Network Technologies (CSNT) | International | Apr-23 | 978-1-6654-6261-7 | https://doi.org/10.1109/CSNT57126.2023.10134615 |
| 22 | Sucharitha Yadala, Chandra Shaker Reddy Pundru, Vijender Kumar Solanki | Conference | A Novel Private Encryption Model in IoT Under Cloud Computing Domain | Intelligent Systems and Networks, Lecture Notes in Networks and Systems | International | Mar-23 | 978-981-99-4725-6 | https://doi.org/10.1007/978-981-99-4725-6_33 |
| 2023-2024 | | | | | | | | |
| 23 | Vempaty Prashanthi, Srinivas Kanakala, Deepika Borgaonkar, D Suresh Babu | Conference | Rainfall Prediction Using Catboost Machine Learning | 2023 International Conference on Network, Multimedia and Information Technology | International | Sep-23 | 979-8-3503-0082-6 | https://doi.org/10.1109/NMITCON58196.2023.10276336 |
| 24 | Yadala Sucharitha, Pundru Chandra Shaker Reddy, T. N. Chitti | Conference | Deep learning based framework for crop yield prediction | AIP Conference Proceedings | International | Sep-23 | 978-0735-445796 | https://doi.org/10.1063/5.0118526 |
| 25 | G. R. Kumar, Shaik Thasleem Bhanu, M. L. Prasad, S. B. Latha, Gamidelli Yedukondalu, Pundru Chandra, Shaker Reddy | Conference | AN EARLY CANCER PREDICTION BASED ON DEEP NEURAL LEARNING | 2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering | International | Nov-23 | 979-8-3503-0570-8 | 10.1109/RMKMATE59243.2023.10369977 |

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| 26 | Vijayaragavan Pichiyan, S Muthulingam, Sathar G, Sunanda Nalajala, Akhil Ch, Manmath Nath Das | Conference | Web Scraping using Natural Language Processing: Exploiting Unstructured Text for Data Extraction and Analysis | 3rd International Conference on Evolutionary Computing and Mobile Sustainable Networks (ICECMSN 2023) | Internat ional | Nov-23 | 1877- 0509 | https://doi.org/10.1016/j.procs.2023.12.074 |
| 27 | N.Sunanda Praveen, Tumuluru Bandaru, Naga Gayatri, Chopparapu Rehan, Jaladurgam Yasawini, Alakunta Kishan Durga | Conference | Improved Object Detection and Recognition for Aerial Surveillance: Vehicle Detection with Deep Mask R-CNN | 2023 International Conference on Sustainable Communication Networks and Application (ICSCNA) | Internat ional | Nov-23 | 979-8- 3503-1398- 7 | 10.1109/ICSCNA5 8489.2023.10370 043 |
| 28 | P. Subhash, Mohammed Qayyum, C. Likhitha Varsha, K. Mehernadh, J. Sruthi, A. Nithin | Conference | A Security Framework for the Detection of Targeted Attacks Using Honeypot | Proceedings of fifth International Conference on Computer and Communication Technologies | Internat ional | Feb-24 | 978-981- 99-9704-6 | https://doi.org/10.1007/978-981-99-9704-6_16 |
| 29 | V. Surya Narayana Reddy, P. Subhash, Ch. Vinay Kumar, M. Samuel, G. Vishal Reddy, G. Tharun | Conference | SNMP Watcher: A Model to Detect DoS and DDoS Attacks Using SNMP Management Information Base Analysis | International Conference on Computer and Communication Technologies | Internat ional | Feb-24 | 978-981- 99-9704-6 | https://doi.org/10.1007/978-981-99-9704-6_17 |

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| 30 | B. Deepika, S. Pushpanjali Reddy, S. Gouthami Satya, K. Rushil Kumar | Conference | Image Caption Generator | International e-Conference on Advances in Computer Engineering and Communication Systems (ICACECS 2023) | International | Dec-23 | 978-94-6463-314-6_35 | Image Caption Generator Atlantis Press (atlantis-press.com) |
| 31 | T. Preethi, Ponnuru Rakshitha Reddy, Lekkala Likitha, Pendyala Pavan Kumar, Abhniav Kamani | Conference | A novel approach for Anamoly Detection using SNORT Integrated with Machine Learning | 11th International Conference on "Computing for Sustainable Global Development" | International | Feb-24 | 978-93-80544-51-9 | https://doi.org/10.23919/INDIACom61295.2024.10498401 |
| 32 | Janardhana Rao, K. Revathi, Yalamanchili Bhanusree, Venkata Krishna Odugu and Harish Babu Gade | Conference | Development of Image Inpainting for object removal using Enhanced Patch Priority and Matching Measures | International Conference on Renewable Energy, Green Computing and Sustainable Development (ICREGCSD 2023) | International | Jan-24 | | https://doi.org/10.1051/e3sconf/202447202010 |
| 33 | T. N. Chitti; Thandu Nagaraju; Y. Sucharitha | Conference | IOT sensors for smart irrigation | 3RD INTERNATIONAL CONFERENCE ON MANUFACTURING, MATERIAL SCIENCE AND ENGINEERING | International | Jul-23 | | https://doi.org/10.1063/5.0118621 |

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| 34 | R. Kranthi Kumar, Rithika Singh, P. Neeharika, M. Shashi Vardhan Reddy, M. Sujith Reddy | Conference | Revolutionizing Digital Ownership: Examining the Perks of a Polkadot- Based NFT Marketplace | Proceedings of the International e-Conference on Advances in Computer Engineering and Communication Systems (ICACECS 2023) | International | Dec-23 | 978-94-6463-314-6_15 | 10.2991/978-94-6463-314-6_15 |
| 35 | Ruth Ramya Kalangi, S Janardhanarao, J Sirisha, Kayam Saikumar, Pagadala Veeranjanyulu, M Suman | Conference | Prevention Of DDOS Attacks in Cloud Using Combinational Learning Approach | 2023 4th IEEE Global Conference for Advancement in Technology (GCAT) | International | Dec-23 | 979-8-3503-0525-8 | https://doi.org/10.1109/GCAT59970.2023.10353548 |
| 36 | Rasmita Kumari Mohanty, Ravi Kanth Motupalli, D. Manju, Malige Gangappa, B. Gouthami, G. Mounika | Conference | Energy-Efficient Cluster Based Routing Protocol to Enhance the Lifetime of Wearable Wireless Body Area Networks | 2023 OITS International Conference on Information Technology (OCIT) | International | Feb-24 | 979-8-3503-5823-0 | https://doi.org/10.1109/OCIT59427.2023.10431071 |
| 37 | P. Subhash, Y. Sri Varsha, K. Saketh Reddy, B. Akshaya, S. Kalyani | Conference | Visual Profiling and Automated Classification of Malware Samples using Deep Learning | International Conference on Advances in Computer Engineering and Communication Systems (ICACECS 2023) | International | Dec-23 | 2589-4900 | 10.2991/978-94-6463-314-6_25 |

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| 38 | Jyotsnarani Tripathy, Manmath Nath Das, Amrutanshu Panigrahi, Abhilash Pati, Ghanashyam Sahoo, Manoranjan Dash | Conference | Empirical Study on the Dynamic Load Balancing Approach in Cloud Computing | 2024 International Conference on Advancements in Smart, Secure and Intelligent Computing (ASSIC) | Internat ional | Jan-24 | 979-8- 3503-7018-8 | https://doi.org/10.1109/ASSIC60049.2024.10507983 |
| 39 | Mohammad Arshad, C. Dastagiriah, D. Ramya Krishna, J. Vamsinath, K. Pushpa Rani, Sushruta Mishra | Conference | Smart Surveillance System Using Machine Learning | 2024 International Conference on Advancements in Smart, Secure and Intelligent Computing (ASSIC) | Internat ional | Apr-24 | 979-8- 3503-7018-8 | https://doi.org/10.1109/ASSIC60049.2024.10507937 |