

**Aditya College of Engineering,
Surampalem
Papers published/presented by
Faculty in
Journals/Conferences/Patents**

Publications: 2022-23 (as on 10-June-2023)

International Journals (SCI/WoS/Scopus)	39
International Journals (UGC Approved)	1
National Journals	-
International Conferences (Scopus/ WoS)	19
International Conferences	-
National Conferences	00
Patents	59
Total	118

International Journals (SCI/WoS/Scopus):

1. Gajendran Srihari, **Raman Ramamoorthy**, Shanmuganantham Thangavelu, Nimmagadda Padmaja, “Hammer-shaped slotted antenna design and analysis for wireless applications” vol:30, 3, PP - 1488-1497, Indonesian Journal of Electrical Engineering and Computer Science, ISSN: 2502-4752.
<https://ijeecs.iaescore.com/index.php/IJEECS/article/view/29355/17336>
2. **Mahalaxmi, U. S. B. K.**, Kishan Bhushan Sahay, R. Sabitha, Sulaima Lebbe Abdul Haleem, Prabjot Kaur, and P. Vijayakumar. "Using electroencephalogram classification in a convolutional neural network, infer privacy on healthcare internet of things 5.0." Expert Systems 40, no. 4 (2023): e12942.
<https://onlinelibrary.wiley.com/doi/abs/10.1111/exsy.12942>
3. Aurtherson, P.B., **Nalla, B.T.**, Srinivasan, K. et al. “Biofuel production from novel Prunus domestica kernel oil: process optimization technique.”, Biomass Conv. Bioref. 13, 6249–6255 (2023).
<https://doi.org/10.1007/s13399-021-01551-5>
4. Aurtherson, P.B., Suresh Babu Rao, H., Ganesan, S., **Nalla, B.T.** et al. “Production Process Optimization study on the synthesis of Manilkara zapota seed bio-oil and its characterization.”, Biomass Conv. Bioref. 13, 5005–5013 (2023).

<https://doi.org/10.1007/s13399-021-01453-6>

5. Shaik, Sharmas Vali, **Kirankumar Gorantla**, Saboor Shaik, Asif Afzal, Ali A. Rajhi, and Erdem Cuce. "Experimental and theoretical examination of the energy performance and CO₂ emissions of room air conditioners utilizing natural refrigerant R290 as a substitute for R22." *Journal of Thermal Analysis and Calorimetry* (2023): 1-19.
<https://link.springer.com/article/10.1007/s10973-022-11888-2>
6. Sebina Yesmin, Inamul Hussain, Meghali Devi, Rajdeep Dasgupta, and Siddhartha S. Dhar, "Exploration of Cu/g-C₃N₄ Nanocomposites as a Cost-Effective High-Performance Asymmetric Supercapacitor Electrode Material", *IEEE Transactions on Nanotechnology*, Volume 21, pp 474–480, July-2022.
<https://ieeexplore.ieee.org/document/9842315>
7. Hema, Mamidipaka, Jami Venkata Suman, **Boddepalli Kiran Kumar**, and Adisu Haile. "Design and Development of Polymer-Based Optical Fiber Sensor for GAIT Analysis." *International Journal of Polymer Science* 2023 (2023).
<https://www.hindawi.com/journals/ijps/2023/2541384/>
8. Saritha, V., Sri Lakshmi Chandana, **U. S. B. K. Mahalaxmi**, D. Shamia, Pankaj Chawla, and Abhay Chaturvedi. "An intelligent sensing and detection system for accident preventions in four wheeler vehicles." *Materials Today: Proceedings* 80 (2023): 1713-1716.
<https://www.sciencedirect.com/science/article/abs/pii/S2214785321039523>
9. Sai Nitesh KJN, Chunchu Bala Rama Krishna,, Vasugi K, Cheerla Prabhu Teja, Sessa Rao Y, Sanjeev Kumar, and Dumesa Gudissa Lemu, "Analysis of the Thermal Effects on the Behaviour of Steel Connection Beam Section", Volume 2022, Article ID 3166547, PP: 1-6, *Fabrication and Machinability of Alloys and Composites*, Hindawi, ISSN: 1687-8434
<https://www.hindawi.com/journals/amse/2022/3166547/>
10. G.Jaffino, M.Sundaram, J.Prabin Jose, "Weighted 1D-local binary pattern features and Taylor- Henry gas solubility optimization based Deep Maxout network for discovering epileptic seizure using EEG", vol: 122; article no: 103349; PP: 1-19, *Digital Signal Processing*, Issn: 1051-2004
<https://www.sciencedirect.com/science/article/pii/S1051200421003882>
11. G.Jaffino, J. Prabin Jose, "Contour and Texture-based analysis for victim identification in forensic odontology", Vol: 56, Issue-1, *Data Technologies and Applications*, ISSN: 2514-9288
<https://www.emerald.com/insight/content/doi/10.1108/DTA-03-2021-0075/full/html>

12. L. Natrayan, Dhinakaran Veeman, Pravin P. Patil, V. Swamy Nadh, P. Balamurugan, and Muse Degefe Chewaka, "Surface State Treatment of Carbon Dots Using Sulphur Dioxide Isotherm", Volume 2022 |Article ID 7387409; PP- 1-9, Futuristic Carbon Based Adsorbents and their Versatile Applications, ISSN: 0263-6174.

https://www.hindawi.com/journals/ast/2022/7387409/?utm_source=google&utm_medium=cp&utm_campaign=HDW_MRKT_GBL_SUB_ADWO_PAI_DYNA_JOUR_X_PCUPS&gclid=CjwKCAjwpKyYBhB7EiwAU2Hn2ey22O8Tys0Mku7tfVYxU05uGwd8unUgwJZCl5c2yQyno4fn0wL6xoC6Y4QAvD_BwE

13. Shivaperumal Ma , Thirumalai Rb , Kannan Sa and Yarrapragada K S S Rao, "Parametric optimization in machining of GFRP composite by taguchi grey relational analysis", Vol. 23, No. 3, pp. 404-408 ; Journal of Ceramic Processing Research, ISSN : 1229-9162

<http://www.jcpr.or.kr/journal/download/pdf/2682>

14. Mohamad Reda, A. Refaai, D. Prakash, Jaya Christiyan K G, DVSSSV Prasad, E. Archana, and Agegnehu Shara Shata, "Experimental Investigation on the Average Surface Roughness (Ra) of AlSi10Mg Alloy Manufactured by Laser Powder Bed Fusion Method", Volume 2022 , Article ID 5874875, PP: 1-5; Advances in Materials Science and Engineering; Hindawi; ISSN: 1687-8434.

<https://www.hindawi.com/journals/amse/2022/5874875/>

15. Gurpreet Singh, Jothi Prabha Appadurai, Varatharaju Perumal, K. Kavita, T. Ch Anil Kumar, DVSSSV Prasad, A. Azhagu Jaisudhan Pazhani and K. Umamaheswari, "Machine Learning-Based Modelling and Predictive Maintenance of Turning Operation under Cooling/Lubrication for Manufacturing Systems", Volume 2022 |Article ID 9289320 ; PP: 1- 10; Synthesis and Characterization of Advanced Green Materials for Automotive and Aerospace Applications, Hindawi, ISSN: 1687-8434

<https://www.hindawi.com/journals/amse/2022/9289320/>

16. Razan A. Alshgari, Saikh Mohammad Wabaidur, Mohanavel Vinayagam Parthasarathy, D. V. S. S. V. Prasad, V. Sharun, Melvin Victor De Pours, Ram Subbiah, M. I. Ataul, and Belachew Girma Tesemma, "Experimental Studies on Fabrication and Thermal Characterization of Shape Memory Polymer Composites with Nanofillers", Volume 2022, Article ID: 3286792, PP: 1-10; *Journal of Nanomaterials*, Hindawi, ISSN: 1687-4110

<https://www.hindawi.com/journals/jnm/2022/3286792/>

17. K.Manoz Kumar Reddy, A.Kailasa Rao, R.Srinivas Rao, "Optimal deployment of

UPFC based on critical bus ranking using an effective PSO algorithm” vol: 47; PP: 1-4 ; Materials Today: Proceedings; Issn 2214-7853_

<https://www.sciencedirect.com/science/article/pii/S2214785321023786>

18. Ramya, G., Pounrajan, S., Prasad, D. V. S. S. V., Soni, S., Ravichandran, P., Kosanam, K., ... & Shaik, B. (2022). “Assessment of Rotational Speed and Plunge Rate on Lap Shear Strength of FSSW Joints of AA7075/Mild Steel.” *Advances in Materials Science and Engineering*, ISSN:1687-8434. <https://www.scopus.com/record/display.uri?eid=2-s2.0-85131395355&origin=resultslist&sort=plf-f&src=s&sid=0ad2b15153df624b7c0b6c67bf4688de&sot=aff&sdt=a&sl=47&s=AF-ID%28%22Aaditya+College+of+Engineering%22+60253273%29&relpos=40&citeCnt=0&searchTerm=>
19. Raju, K., M. Balakrishnan, D. V. S. S. V. Prasad, V. Nagalakshmi, Pravin P. Patil, S. Kaliappan, B. Arulmurugan et al. "Optimization of WEDM Process Parameters in Al2024-Li-Si3N4 MMC." *Journal of Nanomaterials*, ISSN:1687-4110. <https://www.scopus.com/record/display.uri?eid=2-s2.0-85131259337&origin=resultslist&sort=plf-f&src=s&sid=0ad2b15153df624b7c0b6c67bf4688de&sot=aff&sdt=a&sl=47&s=AF-ID%28%22Aaditya+College+of+Engineering%22+60253273%29&relpos=41&citeCnt=0&searchTerm=>
20. Ravindra, Manam, Donepudi Tata Rao, Rayapudi Srinivasa Rao, Adireddy Ramesh, and Karri Manoz Kumar Reddy. "Optimal Allocation of Micro-phasor Measurement Units in Distribution Network Considering Security Constraints." In *Advances in Communication, Devices and Networking*, ISSN:1876-1100. https://link.springer.com/chapter/10.1007/978-981-19-2004-2_55
21. Merneedi, Anjibabu, and Ramesh Palisetty. "Prediction of drivers’ impact on green supply chain management using deep learning algorithm." *Environmental Science and Pollution Research*, ISSN:0944-1344. <https://link.springer.com/article/10.1007/s11356-022-22499-7>
22. Kanna, S. K., G. Naveen Sundar, R. Ganesan, Naresh Mallireddy, Hitesh Shingadia, Harishchander Anandaram, Melvin Victor De Pours, and Prabhu Paramasivam. "Artificial Intelligence Investigation on (Al-Si-Fe) Alloy Reinforced with Nanoceramic Particles by RSM." *Journal of Nanomaterials*, ISSN:1687-4110. <https://www.hindawi.com/journals/jnm/2022/2892738/>
23. Xhakaza, Nokukhanya Mavis, Rajasekhar Chokkareddy, and Gan G. Redhi. "Ionic Liquid Based Electrochemical Sensor for the Detection of Efavirenz." *Journal of Molecular Liquids*, ISSN:0167-7322. <https://www.sciencedirect.com/science/article/abs/pii/S0167732222019833>
24. Alshgari, Razan A., M. Prasad, Sarat Chandra, Bipin Kumar Srivastava, Mohammed Saleh Al Ansari, Parul Gupta, A. Sivakumar, Saikh Mohammad Wabaidur, M. Ataul Islam, and Abdi Diriba. "Mechanical Evaluation on Carbon/Basalt Fiber-Reinforced Hybrid Polymer Matrix Composite." *ADVANCES IN POLYMER TECHNOLOGY*, ISSN:0730-6679.

<https://www.scopus.com/record/display.uri?eid=2-s2.0-85138917618&origin=resultslist&sort=plf-f&src=s&sid=0ad2b15153df624b7c0b6c67bf4688de&sot=aff&sdt=a&sl=47&s=AF-ID%28%22Aditya+College+of+Engineering%22+60253273%29&relpos=22&citeCnt=0&searchTerm=>

25. Sagar, K. G., K. Ramachandran, Koushik Kosanam, B. Marxim Rahula Bharathi, M. Rama, and Sumanta Bhattacharya. "Analysis of wear behavior and shear properties of nano-ZnO₂/jute fiber/epoxy composites by Hand layup technique." *Materials Today: Proceedings*, E-ISSN:2214-7853. <https://www.sciencedirect.com/science/article/pii/S2214785322055006>
26. Guttula, Ramakrishna, Ramesh Adireddy, and Venkateswarlu Mannepally. "Hybrid optimization algorithm for optimal designing of microstrip patch antenna." *Concurrency and Computation: Practice and Experience*: e7603. <https://onlinelibrary.wiley.com/doi/abs/10.1002/cpe.7603>
27. Kumar, T. Rajesh, et al. "Optimization enabled deep residual neural network for motor imagery EEG signal classification." *Biomedical Signal Processing and Control* 80 (2023): 104317. <https://www.sciencedirect.com/science/article/abs/pii/S1746809422007716>
28. Veerendra, Arigela Satya, et al. "Electric vehicles charging in India: Infrastructure planning and policy aspects." *Energy Storage* 4.6 (2022): e335. <https://onlinelibrary.wiley.com/doi/abs/10.1002/est2.335>
29. Manikanta, Javvadi Eswara, et al. "Machining performance on SS304 using nontoxic, biodegradable vegetable-based cutting fluids." *Chemical Data Collections* 42 (2022): 100961. <https://www.sciencedirect.com/science/article/abs/pii/S2405830022001331>
30. Shaik, Saboor, et al. "Space-age energy saving, carbon emission mitigation and color rendering perspective of architectural antique stained glass windows." *Energy* 259 (2022): 124898. <https://www.sciencedirect.com/science/article/abs/pii/S0360544222018011>
31. Prameela Jyothi, R., K. Sangeet Kumar, and Mahesh K. Singh. "Finite Impulse Response Filter Growth and Applications." *Advanced Production and Industrial Engineering*. IOS Press, 2022. 13-18. <https://ebooks.iospress.nl/pdf/doi/10.3233/ATDE220715>
32. Sainath, B. V. V. D., K. Sangeet Kumar, and G. Rama Naidu. "Residue and Quadratic Residue Number System Based on Converters." *Advanced Production and Industrial Engineering*. IOS Press, 2022. 25-30. <https://ebooks.iospress.nl/volumearticle/61670>
33. Singari, R. M., and P. K. Kankar. "Security and Privacy Preparation for 5G Services." *Advanced Production and Industrial Engineering*. IOS Press, 2022. 1. <https://ebooks.iospress.nl/pdf/doi/10.3233/ATDE220713>
34. Reddy, K. Manoz Kumar, A. Kailasa Rao, and R. Srinivasa Rao. "An improved Grey Wolf algorithm for optimal placement of unified power flow controller." *Advances in Engineering Software* 173 (2022): 103187. <https://www.sciencedirect.com/science/article/abs/pii/S0965997822000953>
35. Reddy, Karri Manoz Kumar, Kailasa A. Rao, and Rayapudi Srinivasa Rao. "Optimal siting and sizing of unified power flow controller using sensitivity constrained differential evolution algorithm." *International Journal of Electrical & Computer Engineering (2088-8708)* 12.5 (2022).

<https://web.p.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authype=crawler&jrnl=20888708&AN=158378683&h=EpReD0shTlapgPEB%2bY4MqKLzn%2f47nEsecSon21iA2kIN8oaURZ0pHQSRahZdcG0D4cQE68InSyRVe9kjas2%2fmA%3d%3d&crl=c&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authype%3dcrawler%26jrnl%3d20888708%26AN%3d158378683>

36. Kilele, Joan Chepkoech, Rajasekhar Chokkareddy, and Gan G. Redhi. "Ionic liquid-multi walled carbon nanotubes-l-lysine modified glassy carbon electrode for detection of prednisolone." *Journal of Molecular Liquids* 363 (2022): 119729. <https://www.sciencedirect.com/science/article/abs/pii/S0167732222012673>
37. Nalla, Bhanu Teja, et al. "Investigations of combustion, performance, and emission characteristics in a diesel engine fueled with Prunus domestica methyl ester and n-butanol blends." *Environmental Progress & Sustainable Energy* 41.4 (2022): e13811. <https://aiche.onlinelibrary.wiley.com/doi/abs/10.1002/ep.13811>
38. A. Ramesh, M.Ravindra, Veerendra, A. S., Lakshmi. K.,Sekhar, C. P., Chaturvedula, U. K., D.Tata Rao (2022, December). Modelling and Simulation of Hybrid Boosting Converter for Fuel Cell Applications. In *International Conference on Artificial Intelligence Techniques for Electrical Engineering Systems (AITEES 2022)* (pp. 33-47). Atlantis Press. [10.2991/978-94-6463-074-9_5](https://doi.org/10.2991/978-94-6463-074-9_5)
39. A. Ramesh, et.al., "Performance Analysis of Solar Still by Using Octagonal-Pyramid Shape in the Solar Desalination Techniques" *International Journal of Photoenergy*, Vol. (2023) <https://doi.org/10.1155/2023/4705193>

International Journals: UGC Approved:

1. R.Raman, K.Priya, Dr.P.Rengarajan, Dr.S.Jaya Bharathi, Dr.Anu K M, Dr. Deepak janardhan gadeka, "Artificial Intelligence And Machine Learning In Food And Agriculture Industry", *IJFANS International Journal of Food and Nutritional Sciences UGC Care Listed (Group -I) Journal Volume 12, Issue 1, pp 168–179, January-2023.*

<https://www.ijfans.org/uploads/paper/485ff2a29438adadd50d65c71509f262.pdf>

International Conferences (Scopus/WoS):

1. Ahilan, Dr T., G. Sujesh, and KSS Rao Yarrapragada. "Wind turbine power prediction via deep neural network using hybrid approach." *Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy* (2022), ISSN:0957-6509.
<https://journals.sagepub.com/doi/abs/10.1177/09576509221125863>
2. Lakshmia, P. Yuvasri, Y. Lavanyab, B. Jagadeesh Babuc, and B. S. Sridevid. "Comparative Analysis of Approximate Integer and Floating-Point Multiplier." In *Recent Developments in Electronics and Communication Systems: Proceedings of the First International Conference on Recent Developments in Electronics and Communication Systems (RDECS-2022)*, vol. 32, p. 45. IOS Press, 2023.
<https://ebooks.iospress.nl/pdf/doi/10.3233/ATDE221235>
3. Anusha, G., K. C. Sekhar, B. S. Sridevi, and Nukella Venkatesh. "The Journey of Logarithm Multiplier: Approach, Development and Future Scope." In *Recent Developments in Electronics and Communication Systems*, pp. 98-103. IOS Press, 2023.
<https://ebooks.iospress.nl/doi/10.3233/ATDE221243>
4. Murthy, KVS Ramachandra. "Cloud Enabled Architecture of 5-G Small." In *Recent Developments in Electronics and Communication Systems: Proceedings of the First International Conference on Recent Developments in Electronics and Communication Systems (RDECS-2022)*, vol. 32, p. 334. IOS Press, 2023.
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85149577851&doi=10.3233%2fATDE221278&origin=inward&txGid=058eb48445ccb5504da28ac1843ec0ee>
5. Singh M.K., Karthik M., Ramesh P., Rama Naidu G. "Deep Neural Network Inference via Edge Computing: On-Demand Accelerating", In *Recent Developments in Electronics and Communication Systems*, pp. 557 - 562. IOS Press, 2023.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149563426&doi=10.3233%2fATDE221312&partnerID=40&md5=84a069d5bf8d8c7443a2ef2c3632017a>
6. Tejasri, P. N. S., K. Anusha, K. Sangeet Kumar, Nukella Venkatesh, and Y. Yamini Devi. "Interference-Normalized Least Mean Square Algorithm: A Comparative Study." In *Recent Developments in Electronics and Communication Systems*, pp. 84-89. IOS Press, 2023.
<https://ebooks.iospress.nl/doi/10.3233/ATDE221241>
7. Singha, Mahesh K., D. Lavanyab, Ch Asha Madhuric, P. Rameshd, and V. Satyanarayanae. "Improving Speech Quality Using Deep Neural Network-Based Manipulation of Cepstral Excitation." In *Recent Developments in Electronics and Communication Systems: Proceedings of the First International Conference on Recent Developments in Electronics and Communication Systems (RDECS-2022)*, vol. 32, p. 340. IOS Press, 2023.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149497820&doi=10.3233%2fATDE221279&partnerID=40&md5=062657d7f0f3f2a3d0191c261f4cd666>
8. Vyshnav, A. R. K., B. Jagadeesh Babu, and P. Bala Srinivas. "Logarithm and Antilogarithm Converter with Accurate Error Correction." In *Recent Developments in Electronics and Communication Systems*, pp. 126-132. IOS Press, 2023.

- <https://ebooks.iospress.nl/doi/10.3233/ATDE221247>
9. Raghava M., Veerapandu G., Rama Naidu G. “A Study on Chebyshev Filter Design by Using CSD” In *Recent Developments in Electronics and Communication Systems*, pp. 516 - 521. IOS Press, 2023.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149491142&doi=10.3233%2fATDE221306&partnerID=40&md5=82900331501c9ce73ad6d9788503970b>
 10. Reddy, Karri Rama Sai; Satwika, Chundru; Jaffino, G; Singh, Mahesh K; “Monitoring of Infrastructure and Development for Smart Cities Supported by IoT Method ”, Vol- 290, PP: 21-28, Proceedings of Second International Conference in Mechanical and Energy Technology, Springer; ISBN: 978-981-19-0108-9
https://link.springer.com/chapter/10.1007/978-981-19-0108-9_3
 11. Kiran, Mani; VNS, Ch; Jagadeesh Babu, B; Singh, Mahesh K; “Study of Different Types of Smart Sensors for IoT Application Sensors ”, Vol- 290, PP: 101-107, Proceedings of Second International Conference in Mechanical and Energy Technology; Springer; ISBN: 978-981- 19-0108-9
https://link.springer.com/chapter/10.1007/978-981-19-0108-9_11
 12. Lalitha, Kakarapalli; Veerapandu, Geesala; “Forest Fire Detection Using Satellite Images” , Vol- 290, PP: 277-284, Proceedings of Second International Conference in Mechanical and Energy Technology; Springer; ISBN: 978-981-19-0108-9
https://link.springer.com/chapter/10.1007/978-981-19-0108-9_29
 13. Madhava Sai Teja, V; Sai, B; Veerapandu, G; Singh, Mahesh K; “A Comparative Study of Different IOT Sensors ”, Vol- 290, PP: 53-61, Proceedings of Second International Conference in Mechanical and Energy Technology; Springer; ISBN: 978-981-19-0108-9
https://link.springer.com/chapter/10.1007/978-981-19-0108-9_6
 14. R. V. Satya Lalitha, Rayudu Srinivas, Ch.V. Raghavendran, K. Kavitha, Pullela S. V. V. S. R. Kumar & P. S. L. Sravanthi, “ Real Time Nitrogen, Phosphorus, Potassium (NPK) Detection in Soil Using IoT”, volume 292, PP 408–416 , “Lecture Notes in Networks and Systems”, Springer; ISBN: 978-981-16-4435-1
https://link.springer.com/chapter/10.1007/978-981-16-4435-1_39
 15. Jaffino G; Palaniappan T; Samuel Swamidoss MK; Gugapriya G; Madhu manikya Kumar; & J Prabin Jose, “ IoT Based Frame work for Automatic accident Intimation System”, Vol:01; Page(s):1568 – 1572; International Conference on Advanced Computing and Communication Systems (ICACCS);

ISBN:9781665408172

<https://ieeexplore.ieee.org/document/9785220>

16. Mani Kiran, Ch VNS, B. Jagadeesh Babu, and Mahesh K. Singh. "Study of Different Types of Smart Sensors for IoT Application Sensors." *Proceedings of Second International Conference in Mechanical and Energy Technology: ICMET 2021, India*. Singapore: Springer Nature Singapore, 2022.

https://link.springer.com/chapter/10.1007/978-981-19-0108-9_11

17. Suma, Y., G. Jaffino, and Mahesh K. Singh. "Sparse Function Learning for Alzheimer's Disease Detection Dependent on Magnetic Characteristics Imaging with Mark Information." *Proceedings of Second International Conference in Mechanical and Energy Technology: ICMET 2021, India*. Singapore: Springer Nature Singapore, 2022.

https://link.springer.com/chapter/10.1007/978-981-19-0108-9_9

18. Madhava Sai Teja, V., et al. "A Comparative Study of Different IOT Sensors." *Proceedings of Second International Conference in Mechanical and Energy Technology: ICMET 2021, India*. Singapore: Springer Nature Singapore, 2022.

https://link.springer.com/chapter/10.1007/978-981-19-0108-9_6

19. Addepalli, Phani Sridhar, Tenneti Krishna Mohana, and G. Naga Satish. "Motor Vehicle Alert System in On-Campus Environments: Omniscient Vehicle Sensor." *Communication, Software and Networks: Proceedings of INDIA 2022*. Singapore: Springer Nature Singapore, 2022. 149-160.

https://link.springer.com/chapter/10.1007/978-981-19-4990-6_14

