



# MADANAPALLE INSTITUTE OF TECHNOLOGY AND SCIENCE

## (UGC-AUTONOMOUS INSTITUTION)



Affiliated to JNTUA, Anantapuramu & Approved by AICTE, New Delhi  
NAAC Accredited with A+ Grade, NIRF India Ranking 2021 – Band: 201-250 (Engg.)  
NBA Accredited – B.Tech. (CIVIL, CSE, ECE, EEE, MECH), MBA & MCA

### Department of Computer Applications

List of Faculty Journal Publications with Indexing in SCIE, Web of Science, Scopus, and UGC/others with DOIs for the AY 2021-2022

| S. No. | Title of the paper                                                                                                                                | Name of the Author's                | Name of the Journal                                      | Month & Year of Publication | DOI Number / Website link / Application Number                                                                                  | Scopus / Conference / Journal |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| 1      | Energy-Aware Multilevel Clustering Scheme for Underwater Wireless Sensor Networks                                                                 | Dr. Sivaraj                         | IEEE Access.                                             | May 2022                    | doi:<br>10.1109/ACCESS.2022.3177722                                                                                             | SCIE                          |
| 2      | An Energy Efficient Routing Protocol and Cross Layer Based Congestion Detection Using Hybrid Genetic Fuzzy Neural Network (HGFNN) Model for MANET | Dr. J. Srinivasan                   | Journal of Algebraic Statistics.                         | 2022                        | <a href="https://publishoa.com/index.php/journal/article/view/255">https://publishoa.com/index.php/journal/article/view/255</a> | WOS                           |
| 3      | Application for the Voice Assistance of the Blind                                                                                                 | Dr.T.ManiKumar & Dr.N.Naveen Kumar  | IJIES                                                    | May 2022                    | <a href="https://doi.org/10.46335/IJIES.2022.7.5.9">https://doi.org/10.46335/IJIES.2022.7.5.9</a>                               | Journal                       |
| 4      | Recue Wings: Mobile Computing and Emergency Survival Services                                                                                     | Dr.T.Mani kumar & Dr.R.Maruthamuthu | IJIES                                                    | May 2022                    | <a href="http://doi.org/10.46335/IJIES.2022.7.5.1">http://doi.org/10.46335/IJIES.2022.7.5.1</a>                                 | Journal                       |
| 5      | Child Monitoring System using Android App                                                                                                         | Dr. S.V.S. Ganga Devi               | Journal of Emerging Technologies and Innovative Research | June 2022                   | <a href="http://doi.org/10.1729/Journal.30473">http://doi.org/10.1729/Journal.30473</a>                                         | Journal                       |



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|   |                                                                                                    |                                         |                                   |           |                                                                                                                   |                                                               |
|---|----------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| 6 | Comprehensive review on Block chain Technologies BIoT                                              | Dr. M. Manimaran<br>Dr. N. Naveen Kumar | IGI Global<br>Online<br>Bookstore | 2022      | <a href="http://dx.doi.org/10.4018/978-1-7998-8697-6.ch002">http://dx.doi.org/10.4018/978-1-7998-8697-6.ch002</a> | Book chapter                                                  |
| 7 | The maximum capacity estimation model for smart apartment management using wireless sensor network | S.Balamurugan                           | Intellectual<br>Property India    | June 2022 | 202241034936                                                                                                      | PATENT<br>Published<br>Awaiting<br>Request for<br>Examination |

R&D Coordinator

HoD