



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

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Department of Computer Applications

Faculty Conference / Book Chapters / PATENT details for the AY 2023-24

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 / PATENT
1.	Artificial Intelligence and Machine Learning Approaches based on Power Reduction in Automated Internet of Things Devices	Abbas Thajeel Rhaif Alsahlane ¹ Gunita Arun Chandhok ² , Saravanan T ³ , D.Sugumara ⁿ⁴ , Kireet Joshi ⁵ N Rajesh ⁶	3rd International Conference on Advances in Computing, Communication and Applied Informatics	May 2024	DOI: 10.1109/ACCAI61061.2024.10602214	Conference
2.	Addressing Mobility Based RPL Routing for Low Power Lossy Networks in IoV Networks	V. C. Diniesh, G. Murugesan M. Joseph Auxilius Jude A. Prabhakaran N. Haritha, S. M. Jeevanaa A. Karthikraja	2024 Second International Conference on Emerging Trends in Information Technology and Engineering (ICETITE)	April 2024.	https://ieeexplore.ieee.org/document/10493629 https://doi.org/10.1109/ICETITE58242.2024.10493629	Conference



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3.	A Smart Elevator Design using Intelligent Video Surveillance System	Dr. R. Maruthamuthu DhremeshDhabliya Gayathri C S. Subburam P. Calista Bebe	2023 3rd International Conference on Technological Advancements in Computational Sciences (ICTACS)	Nov 2023.	https://ieeexplore.ieee.org/document/10390286 https://doi.org/10.1109/ICTACS59847.2023.10390286	Conference
4.	Advancement in compiler design and optimization techniques	Dr. R. Maruthamuthu DhremeshDhabliya Kala Priyadarshini G Ahmed H. R. Abbas Abdullaeva Barno Dr. V. Vignesh Kumar	E3S Web Conf.	July 2023.	https://www.e3s-conferences.org/articles/e3sconf/abs/2023/36/e3sconf_iconnect2023_04047/e3sconf_iconnect2023_04047.html	Conference
5.	Optimization of effectual Sentiment analysis in Film Reviews using Machine Learning Techniques	S. Balamurugan, E. Gurumoorthi, Dr. R. Maruthamuthu, N. Naveen Kumar	Elsevier	Jan 2024.	https://www.sciencedirect.com/science/article/abs/pii/B9780443220098000033	Book chapter Scopus



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6.	Ultrasonic Rail Track Testing Device	Dr. Naveenkumar	Intellectual Property India	Oct 2023	https://ipindia.gov.in/397579-001 Design Number	PATENT
7.	Structure of HexaPod robot	Dr.Srinivasan J	Intellectual Property India	Jan 2024	https://ipindia.gov.in/ Design Number: 366755-001	PATENT
8.	Sun Glasses for the visually Impaired	Dr. Srinivasan J	Intellectual Property India	March 2024	https://ipindia.gov.in/ Design Number 6351733	PATENT
9.	Smart crop health monitoring device	Dr. R. Viswanathan	Intellectual Property India	April 2024	https://ipindia.gov.in/ Design Number 6355225	PATENT