

PUBLICATIONS FOR ASAR IN 2024-2025

2025-2026

1. Dr. Ram Kumar Garg, Sachin Shrikant Chinchorkar, Dr. L Malleswara Rao, Dr. Gadekar Deepak Janardhan, Akansh Garg (2025): **Describe the various aspects of climate change, including temperature fluctuations, changes in precipitation patterns, and increased frequency of extreme weather events.** "Journal of Neonatal Surgery", Vol. 14, Issue 19s, September, 2025, pp: 530-535, ISSN (Online): 2226-0439, **Indexed by Scopus**, Impact Factor: 0.4, Website: <https://www.jneonatsurg.com>
article Link: <https://www.jneonatsurg.com/index.php/jns/article/view/4812/4051>, <https://www.jneonatsurg.com/index.php/jns/article/view/4812/4051>
2. Aruna, M., Shaik Meer Subhani Ali, Sarathy, R., Mehul Manu, Dr. L Malleswara Rao, Yamuna Gundraju (2025): **An energy management system for microgrids incorporating machine learning, distributed energy resources, and storage.** "Challenges in Information, Communication and Computing Technology – V. Sharmila et al. (Eds)", Proceedings of the 2nd International Conference on Challenges in Information, Communication, and Computing Technology (ICCICCT 2024), April 26th & 27th, 2024, Namakkal, Tamil Nadu, India, **Chapter, 1st Edition - 2025, Pp: 281-285, 978-1-032-90173-2**, e Book ISBN9781003559092, **Indexed by Scopus**, Impact Factor: 0.4, Website: <https://taylorandfrancis.com/>
article Link: <https://www.taylorandfrancis.com/reader/download/a9c2c4f8-32aa-4809-b77c-05e17780e141/chapter/pdf?context=ubx>, DOI: <https://doi.org/10.1201/9781003559092> and DOI: [10.1201/9781003559092-48](https://doi.org/10.1201/9781003559092-48)
3. Ch. Sundar Singh, Dr KSV Ranga Rao, Dr. L.Malleswara Rao*, MS Ranganayakulu & VD Sandhya (2025): **Advanced Nanomaterials for future generation Energy Storage Devices". International Journal of Multidisciplinary Education Research (IJMER)**, ISSN: 2277-7881(Print); Impact Factor: 9.014(2025); IC VALUE: 5.16; ISI VALUE: 2.286, Peer Reviewed and Refereed International Journal Volume: 14, Issue: 6(1), June: 2025, Sucharitha Publication, India pp: 41-47, June, 2025, ISBN: 978-81-980548-5-2, Website: article Link: www.ijmer.in, article link: [https://s3-ap-southeast-1.amazonaws.com/ijmer/pdf/volume14/volume14-issue6\(1\)/volume14-issue6\(1\)-2025.pdf](https://s3-ap-southeast-1.amazonaws.com/ijmer/pdf/volume14/volume14-issue6(1)/volume14-issue6(1)-2025.pdf)
Article: [https://s3-ap-southeast-1.amazonaws.com/ijmer/pdf/volume14/volume14-issue6\(1\)/volume14-issue6\(1\)-2025.pdf](https://s3-ap-southeast-1.amazonaws.com/ijmer/pdf/volume14/volume14-issue6(1)/volume14-issue6(1)-2025.pdf)
4. K Naveen Kumar, Dr APV Appa Rao, Dr. Ch Kanaka Rao*, P Ram Krishna Rao & S Soma Sekhar (2025): **Advanced Nanomaterials for future generation Energy Storage Devices". International Journal of Multidisciplinary Education Research (IJMER)**, ISSN: 2277-7881(Print); Impact Factor: 9.014(2025); IC VALUE: 5.16; ISI VALUE: 2.286, Peer Reviewed and Refereed International Journal Volume: 14, Issue: 6(1), June: 2025, Sucharitha Publication, India pp: 48-52, June, 2025, ISBN: 978-81-980548-5-2, Website: article Link: www.ijmer.in, article link: [https://s3-ap-southeast-1.amazonaws.com/ijmer/pdf/volume14/volume14-issue6\(1\)/volume14-issue6\(1\)-2025.pdf](https://s3-ap-southeast-1.amazonaws.com/ijmer/pdf/volume14/volume14-issue6(1)/volume14-issue6(1)-2025.pdf)
Article: [https://s3-ap-southeast-1.amazonaws.com/ijmer/pdf/volume14/volume14-issue6\(1\)/volume14-issue6\(1\)-2025.pdf](https://s3-ap-southeast-1.amazonaws.com/ijmer/pdf/volume14/volume14-issue6(1)/volume14-issue6(1)-2025.pdf)
5. Ch. Sundar Singh, Dr APV Appa Rao, Dr. L.Malleswara Rao*, P Ram Krishna Rao, Dr. Ch Kanaka Rao, S Soma Sekhar, Dr KSV Ranga Rao, **MS Ranganayakulu & K Naveen Kumar** (2025): **Advanced Nanomaterials for Energy Storage Devices". Proceedings of Two day National Seminar on Convergence of Chemistry and Physics in Advanced Nanomaterials and**

Nanotechnology, ISBN: 978-93-92760-68-6 ; Impact Factor: 9.014(2025); June: 2025, K Y Publications, India pp: 38-45, article link:

Text Book

6. Dr. L Malleswara Rao, T. Mohankumar (2025): **Impact of Nano-Enhanced PCMs on the Charging and Discharging Cycles of Lithium-Ion Batteries in EVs. *Published Book, “Solar Thermal Technologies and Nano-Enhanced Phase Change Materials for High-Efficiency Electric and Solar Mobility”, RAD Emics, India|Brazil|Kenya, Chapter-9, 1st Edition - 2025, Pp: 213-238, ISBN 978-93-49552-65-4, ISBN10: 9349552655, ISBN13: 9789349552654, Indexed In: Google Scholar, website link: <https://rademics.com/books/53>, Paper link: <https://www.rademics.com/chapter.php?id=53&cid=9>, DOI: [10.71443/9789349552654-09](https://doi.org/10.71443/9789349552654-09).***

Edited Book

7. Dr. L Malleswara Rao, Dr APV Appa Rao, Ch Sundar Singh & P Ramakrishna Rao (2025): **Green Energy Innovations: a Vision for Future Generations”. Chapter-11, *Published Book on “Intellectual Property Rights in Environmental Sciences: A Global Sustainable Future”, Roheeth Printers, Vijayawada, India, First Edition: March, 20256, Pp: 43-47. (ISBN: 978-93-5779-472-5).* Book Link: Article link:**