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Dr.R.NAGALAKSHMI B.E., M.E.,Ph.D is working as Assistant Professor in the Department of CSE at SRMIST, Ramapuram campus. She holds a Ph. D degree in the field of Computer Science and Engineering from Kalinga University, Naya Raipur Chhattisgarh since 2021. She has 12 years of teaching experience with good programming skills. He is a lifetime member of professional body member in SDIWC and also certified courses from NPTEL. She has published articles in National and International Journals, Conferences and Symposiums.

Area of Research:

Artificial Intelligence, Machine Learning, Data Science

Selected Publications:

1. Akshay Pradeep Menon,· Vedang Lahoti,· Neha Gunreddy, Utkarsh Chadha, Senthil Kumaran Selvaraj· R. Nagalakshmi (2022), Quality control tools and digitalization of real-time data in sustainable manufacturing, International Journal on Interactive Design and Manufacturing (IJIDeM), <https://doi.org/10.1007/s12008-022-01054-1>.
2. Mayank Khanna, Utkarsh Chadha, Anirban Banerjee, Senthil Kumaran Selvaraj, S. Dhanalakshmi, R. Nagalakshmi (2022), Feasibility of friction stir welding for in-space joining processes: a simulation-based experimentation, International Journal on Interactive Design and Manufacturing (IJIDeM), <https://doi.org/10.1007/s12008-022-01055-0>
3. Priyanshi Gupta · Chaitanya Krishna · Rahul Rajesh · Arushi Ananthakrishnan · A. Vishnuvardhan , R. Nagalakshmi (2022), Industrial internet of things in intelligent manufacturing: a review, approaches, opportunities, open challenges, and future directions, International Journal on Interactive Design and Manufacturing (IJIDeM), <https://doi.org/10.1007/s12008-022-01075-w>.
4. Kavi Priya S , Pon Karthika K , Jayakumar Kaliappan ,Senthil Kumaran Selvaraj, Nagalakshmi R, and Baye Molla (2022), Semantic Approach for Evaluation of Energy Storage Technologies under Fuzzy Environment, Applied Computational Intelligence and Soft Computing, Vol.2022, Article ID 2756396, <https://doi.org/10.1155/2022/2756396>.
5. UtkarshChadha , SenthilKumaranSelvaraj , 1,2 NehaGunreddy , 1 S. Sanjay Babu , R. Nagalakshmi,5 R. Lokesh Kumar,6 and AddisalemAdefris (2022)A Survey of Machine Learning in Friction Stir Welding, including Unresolved Issues and Future Research

Directions, Material Design & Processing Communications Volume 2022, Article ID 2568347, 28 pages <https://doi.org/10.1155/2022/2568347>.

6. DegaNagaraju , C. Chiranjeevi , Y. Rajasekhar , SenthilKumaranSelvaraj, R. Nagalakshmi, and Velmurugan Paramasivam (2022), Semantic Approach for Evaluation of Energy StorageTechnologies under Fuzzy Environment, Advances in Fuzzy Systems, Volume 2022, Article ID 1149503, <https://doi.org/10.1155/2022/1149503>.
7. Nagalakshmi R, Arul LawrenceSelvakumarA,Senthilkumaran S (2021), Prediction of Nano Coated Tool Wear using Bat and Whale Optimization Algorithms " Advances in Materials Science and Engineering. (accepted with minor revision).
8. Nagalakshmi R, Arul LawrenceSelvakumar A, (2019), Grid and Cluster Computing: An Analytical Study, International Journal of Engineering, Science and Mathematics, Vol. 8 Issue 3,PP-88-96.
9. Nagalakshmi R, Arul LawrenceSelvakumar A, (2018),), Grid and Cluster Computing: An Analytical Study, 1st International Conference on applied science and managements In South Asia on "Global Manufacturing Systems & Management" (ASTM 2018), Feb 10, 2018, mahratra chamber of commerce, industries and agriculture senapatibapat road, pune,india.
10. Nagalakshmi R, Arul LawrenceSelvakumar A, (2019),), Grid and Cluster Computing: An Analytical Study, International Conference on latest advancements and future trends in engineering , science & managements , May (3-4), 2019, sambhram institute of Technology, Bangalore,India.

Professional Bodies:

1. The professional body member in society of digital Information and wireless communications (SDIWC)

Google Scholar:

<https://scholar.google.com/citations?hl=en&user=NDu9gQ0AAAAJ>

Scopus ID:

<https://www.scopus.com/authid/detail.uri?authorId=57111985100>

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