

**RESEARCH PUBLICATIONS AY 2024 -2025**  
**DEPARTMENT OF CHEMICAL ENGINEERING**

<b>S. No.</b>	<b>Name of the Author/s</b>	<b>Title of paper</b>	<b>Name of Journal, Vol. No, Issue No. Page No., Year</b>	<b>Impact Factor</b>	<b>ISSN number</b>	<b>Year</b>
1	<b>G.Sudha</b> , V.Ganesh, B.Chitra, S. V. Vanisuvathsala, K. Vidhyavarshini	Role of Nano Coolant in Optimizing Heat Transfer	International Research Journal on Advanced Engineering and Management, 2,7, 2470-2473	6.9	2456-3676	2024
2	Naveen Kumar Saravanakumar , <b>Kavitha Nagarasampatti Palani</b>	Removal of pollutants from pharmaceutical wastewater through electrofenton membrane bioreactor (EFMBR)	Desalination and Water Treatment, 320, 100768	1.0	1944-3944	2024
3	Divya Baskaran , <b>Arun Prem Anand Natarajan</b> , Hun-Soo Byun	Potential of palm husk powder in the treatment of real tannery wastewater: Performance comparison between response surface methodology and artificial neural network-particle swarm optimization	Journal of Water Process Engineering, 67, 106101	7.3	22147144	2024
4	Niranjan Ramasamy, Anitha Jagadeeswari, Vedhavashini Akula, <b>Kavitha N P</b>	Leveraging experimental and computational tools for advancing carbon capture adsorbents research	Environmental Science and Pollution Research, 31, 55069–5509	2.4	09441344, 16147499	2024
5	Baskaran T, Suresh B, <b>Govindarasu R</b>	Integrated safety management in automobile manufacturing by analyzing accident causes risk assessments and safety interventions	Gradiva Review Journal, 30	0	0363-8057	2024

6	Divya Baskaran, Madhumitha Sathiamoorthy, <b>Ramasamy Govindarasu</b> , Hun-Soo Byun	Comparing diverse extraction methodologies to infer the Performance of 1,8-cineole extraction from Eucalyptus cinerea: process optimization, kinetics, and interaction mechanisms	RSC Advances, 48	3.9	2046-2069	2024
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