

**Dr. D Prabhakaran**

Professor

Department of Chemical Engineering

Coimbatore Institute of Technology,

Coimbatore – 641014

Mobile No. : 9787772702

Phone: +914222574072

Email: [dprabhakaran68@gmail.com](mailto:dprabhakaran68@gmail.com)

**PUBLICATION IN LAST FIVE YEARS**

<b>S. No.</b>	<b>Title, Authors and Journal</b>	<b>Year</b>
1.	Modelling and Control of pH in a Continuous Stirred Tank Reactor (CSTR), Anusha Rani V, <b>Prabhakaran D</b> , Thirumarimurugan M, Journal Of Environmental Protection and Ecology, Volume 21(2020), Issue 2, Pages 413-422.	2020
2.	Active Disturbance Rejection Control(ADRC) for a pilot scale Reverse osmosis system, Guna G, <b>Prabhakaran D</b> , Thirumarimurugan M, Journal of Environmental protection and Ecology, Book 4, Vol 20(2019).	2019
3.	Delay – dependant stability analysis for nonlinearly perturbed and parametric uncertain heatexchanger system with time varying delay , Venkatachalam V, <b>Prabhakaran D</b> , Ramakrishnan K, Journal of applied research and technology, 17(2019) 313-325.	2019
4.	LMI based Stability analysis of Non-linearly perturbed DC Motor Speed Control System with Constant and Time-varying Delays, Venkatachalam V, <b>Prabhakaran D</b> , Thirumarimurugan M, Ramakrishnan K International Journal of power Electronics, Inderscience, Vol 10.	2019
5.	Optimization studies on Recovery of metals from Printed Circuit Board waste, Sivakumar P, <b>Prabhakaran D</b> , Thirumarimurugan M, Bio-organic chemistry and applications, Volume 2018, 10 pages.	2018
6.	Stability Analysis of Network Controlled Temperature Control System with Additive Delays,	2018

	Venkatachalam V & <b>Prabhakaran D</b> , Computer Modeling in Engineering and Science, Vol. 114(3), pp.321-334.	
7.	Stability of networked based thermal control system with time-invariant delay Venkatachalam V, <b>Prabhakaran D</b> , Thirumarimurugan M, Ramakrishnan K, International Research Journal of Pharmacy, vol. 8(10).	2017
8.	Stability analysis of uncertain temperature control system with two additive delays and nonlinear perturbation, Venkatachalam V, <b>Prabhakaran D</b> , Thirumarimurugan M, Ramakrishnan K, Journal of Advances in Chemistry, vol. 13(10), pp. 5927-5934.	2017
9.	Heat transfer analysis of MgO nanofluids of varying concentrations using Plate Type Heat Exchanger, Jagadesh R, Magesh R, Mukesh Kumar A, <b>Prabhakaran D</b> , International Journal of Engineering, 14 <sup>th</sup> International conference on Development in Science, Management and Engineering (ICDSME 17), 14 & 15 April 2017.	2017
10.	Moral Dilemma-An Impact on Moral Autonomy, Saranya SN, Sivalingam A, <b>Prabhakaran D</b> and Thirumarimurugan M, International Journal of Research in Social Sciences, Vol. 6, No. 1, pp. 123-134, ISSN: 2249-2496.	2016
11.	A Study on need of Entrepreneur's for development and to maintain workforce balance in Tamilnadu, Guna G, <b>Prabhakaran D</b> , Sivalingam A and Thirumarimurugan M. International Journal of Research in Management and Technology, Vol. 6, No. 1, pp.12-15, ISSN: 2249-9563.	2016