

SINDHU N.

ASSOCIATE PROFESSOR



Current Address:

Associate Professor in Chemical engineering
Govt. Engineering College Kozhikode
Westhill, Kozhikode -673005
Kerala, India
sindhun@geckkd.ac.in,
sindhuanjana@gmail.com

Permanent Address:

Koodonkandi House
Koodaranhi, Kozhikode -673005
Kerala, India
9496134259

Objective

I continuously strive to develop my knowledge, skills, and competence to better fulfill our education, research, and service responsibilities

Education

B.Tech in Chemical Engineering 1997-2001

Govt. Engineering College Thrissur, Kerala

M.Tech in Chemical Plant Design 2009-2011

National Institute of Technology Karnataka

Work Experience

Assistant Professor	Department of Chemical Engineering, Govt. Engineering College Kozhikode Kerala	09-06-2004 to 07-03-2019
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Associate Professor	Department of Chemical Engineering, Govt. Engineering College Kozhikode Kerala	08-03-2019 to present
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Research Interests

Process Modeling and Simulation

Computational methods

Pyrolysis

Waste to Energy

International Journal Publications

Drisy G. Chandran, Sindhu Nangarthody, "Biosorption of Lead from Waste Water Using Rice Husk"

IJARMET ISSN 2456-6446, Volume 3, Issue 2, August 2019

Aishwarya K N, Nangarthody Sindhu, "Microwave Assisted Pyrolysis of Plastic Waste"

Procedia Technology 25 (2016) pp 990 - 997

Nangarthody Sindhu, Sivakumar Kalaivani, Iyyawami Regupathi " Bovine Serum Albumin Partitioning in Aqueous Two-Phase Systems: Effect of Variables and Optimization"

Bioprocessing Journal, 2013 pp 34-45

SPRING 2013• Volume 12/ Issue 1• ISSN 1538-8786

Iyyawami Regupathi, Chunduru K Srikanth, Nangarthody Sindhu, " Liquid- Liquid Equilibrium of Poly(ethylene glycol) 2000 + di-ammonium hydrogen citrate + Water systems at Different Temperatures"

J. Chem. Eng. Data, 2011, 56(9), pp 3643-3650

Conference Publications

Drisya G. Chandran , Sindhu Nangarthody, "Optimization And Comparative Study Of Enzyme Assisted Extraction Of Bioactive Compounds From Zingiber Officinale Roscoe", The International Conference on Emerging Trends in Engineering Yukthi-2021, Govt. Engineering College Kozhikode, 24-26th September 2021

K. Sreelakshmy, N.Sindhu, "Modelling and Simulation of Microwave Assisted Pyrolysis of Plastic", 6th International Conference on Solid Waste Management, 6th IconSWM 2016 Jadavpur University, Kolkata, India

Aishwarya K N, Nangarthody Sindhu, "Microwave Assisted Pyrolysis of Plastic Waste", Global Colloquium in Recent Advancement and Effectual Researches in Engineering, Science and Technology (RAEREST 2016)

Nangarthody Sindhu, N U Prasanth, Sivasubramanian V., "Kinetic analysis and Modeling of Pyrolysis of Jack Wood Biomass ", International Conference on Advances in Chemical Engineering at National Institute of Technology Karnataka, 21-22 December 2015

Nangarthody Sindhu, Aishwarya K. N., "Pyrolysis Kinetics of Polymers Using Thermogravimetric Analysis", International Conference on Advances in Chemical Engineering at National Institute of Technology Karnataka, 21-22 December 2015

Nangarthody Sindhu, Aishwarya K. N., "Microwave assisted pyrolysis: A review" Internatoional Conference on Climate Change and the Developing World at CMS College Kottayam, January 21-25, 2015

Nangarthody Sindhu, Iyyawami Regupathi , "Aqueous Two-Phase Systems: An Efficient Tool For Separation", National conference on Emerging Trends In Engineering & Technology, Govt. Engineering College Kozhikode, 25-26 February 2011

Membership in Professional Bodies

- Life member Indian Society for Technical Education LM 42141
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