

**Department of Chemical Engineering**  
**Faculty Presented a Paper in Conference - Details**

<b>2019-2020</b>				
<b>S.No</b>	<b>Date</b>	<b>Name of the Faculty</b>	<b>Title</b>	<b>Event Organizer</b>
<b>2020-2021</b>				
	12-03-2021 to 13-03-2021	Dr.R.Ananthraj	Isolation of Cardanol from Cashew Nut Shell Liquid using Deep Eutectic Solvents	National Institute of Technology
	01-02-2021 to 03-02-2021	Dr.D.Balaji	Studies on surface engineered magnetic nano composites integrated with biochar in the treatment of heavy metals and the production of value- added products from the spent adsorbent	SRM Institute of Science and Technology
	27-12-2020 to 29-12-2020	Dr.R.Parthiban	Numerical Investigation of Microchannel Cooling Using Graphene Nanocomposites	Indian Institute of Chemical Engineers
	05-02-2021 to 06-02-2021	Dr.D.Balaji	Production Of Oil From Waste Thermoplastics By Pyrolysis' in 'International Virtual Conference on Advances in Nanoscience and Nanotechnology (ICANN 2021)' Sponsored by , India on February 05-06, 2021.	Tamil Nadu State Council for Science and Technology Organised By Department of Chemistry, School of Science & Humanities, Bharath Institute of Science and Technology (BIST) Bharath Institute of Higher Education and Research (BIHER) Chennai-600073, Tamil Nadu
	01-02-2021 to 03-02-2021	Mr. Nagarajan Arumugam, Dr.D.Balaji	Biosorption of malachite green dye by chemically modified Aspergillus tamarii: kinetics, thermodynamic and equilibrium studies' in 6th International Conference on Nanoscience and Nanotechnology (ICONN 2021)'	SRM IST, Kattankulathur
	19-03-2021 to 20-03-2021	Mrs. A Arunthathi, Dr.D.Balaji	Mini Review on Centralized Waste Management System in India' in Virtual International Conference on Sustainable Practices and Innovations in Civil Engineering (SPICE 2021) organized by	Department of Civil Engineering, SSN College of Engineering
	12-03-2021 to 13-03-2021	Dr.R.Ananthraj	Isolation of Cardanol from Cashew Nut Shell Liquid using Deep Eutectic Solvents" in the Two day International Conference on Recent Technologies and Advanced Materials for Green Energy and Sustainable Environment	National Institute of Technology Tiruchirappalli, Tiruchirappalli
	07-04-2021 to 09-02-2021	Annamalai PL, Muthumari P, Dhanalakshmi J*, Ashwanth S, Mohamedanas T	Physical Properties of Amine Solutions Mixed with Ammonium Based Ionic Liquids", in an International Conference on "Sustainable Materials and its Green Technologies for Industry 4.0" (SMiGT -2021)	Adithya Institute of Technology, Coimbatore, India

	07-04-2021 to 09-04-2021	Stebanraj P, Muthumari P, Dhanalakshmi J*, Vinoth V, Michealrojer	Ionic Liquids and Amine Blends as Solvent for CO <sub>2</sub> Capture Process", in an International Conference on "Sustainable Materials and its Green Technologies for Industry 4.0" (SMiGT -2021)	Adithya Institute of Technology, Coimbatore, India
	07-04-2021 to 09-04-2021	R.K. Nilavuckkarasi, Dr. B. Ambedkar*, P. Mounish Vishnu Jai, M.K. Nirmal and, A. Mohammed Jassim	Experimental Study On CO <sub>2</sub> Desorption Kinetics Using Megasonics-Assisted Solvent Regeneration", in an International Conference on "Sustainable Materials and its Green Technologies for Industry 4.0" (SMiGT -2021)	Adithya Institute of Technology, Coimbatore, Tamilnadu, India.
	07-04-2021 to 09-04-2021	R. Shree Vidhya, Ambedkar*, V. Haridaran and, R. Keerthana	CO <sub>2</sub> Desorption Kinetics Of Aqueous MEA Blended With Piperazine", in an International Conference on "Sustainable Materials and its Green Technologies for Industry 4.0" (SMiGT -2021)	at Adithya Institute of Technology, Coimbatore, Tamilnadu, India.
		<b>2021-2022</b>		
	24-02-2022 to 25-02-2022	Dr.D.Balaji	Evaluation of biochar integrated surface - Modified silica - coated metallic nano composites in the treatment of copper and lead ions	SSNCE
	01-02-2023 to 03-02-2023	Dr.D.Balaji	Studies on surface engineered magnetic nanocomposites integrated with biochar in the treatment of heavy metals and the production of value-added products from the spent adsorbent' in 6th International Conference on Nanoscience and Nanotechnology (ICONN 2021)	SRM IST, Kattankulathur, Tamil Nadu,
	20-08-2021 to 22-08-2021	Dr. J. Dhanalakshmi*, Muthumari	Experimental Study on CO <sub>2</sub> capture using aqueous blends of Monoethanolamine with Ionic Liquids", in 2nd International Conference on Chemical, Bio & Environmental Engineering (CHEMBIOEN-2021)	Dr. B. R. Ambedkar National Institute of technology Jalandhar-144011, Punjab,
	09-01-2022 to 11-01-2022	Dr.D.Balaji	Formulated metallic nanobiochar from plant residues – Batch and Column study evaluation in the removal of lead and zinc ions' in International Conference on Emerging Trends in Biological Sciences (ICETBS 2022)	Department of Biological Sciences, P. D. Patel Institute of Applied Sciences, CHARUSAT.
		<b>2022-2023</b>		
	23-09-2022 to 24-09-2022	Dr.Pachimila Rajesh	SCHEMCON - 2022	National Institute of Technology
	27-12-2022 to 30-12-2022	Dr.R.Parthiban	Experimental Verification on Effects of Using Palm Flower Biochar as Partial Cement Replacement in Pervious Concrete	Harcourt Butler Technical University Kanpur
	13-07-2022 to 15-07-2022	Dr.D.Balaji	Sustainable Materials and Technologies for Bio and Energy Applications	SSNCE
	13-07-2022 to 15-07-2022	Dr.D.Balaji	Enhanced photocatalytic degradation and kinetic studies of Acid Blue 113 dye by synthesized Ni <sup>2+</sup> and Ag <sup>2+</sup> doped ZnO Nanocatalyst" in Second International Conference on "Sustainable Materials and Technologies for Bio and Energy Applications SMTBEA-2022 <b>Received best paper award for the session.</b>	SSN Institutions, Kalavakkam, Chennai-603110, in association with Elavenil Science Association & Indian Science and Technology Association

	26-08-2022 to 27-08-2022	Dr.R.Parthiban	SUSTAINABLE TECHNOLOGY FOR SURFACE RUN-OFF PURIFICATION USING GRANITE POWDER BASED PERVIOUS CONCRETE" in the Two day International Conference International Conference on "Environmental Pollution and Control Technologies" (EPACT - 2022)	Annamalai University, Chidambaram
	16-03-2023 to 17-03-2023	Dr.J.Dhanalakshmi,Muthumari P, J. S Senthil Kumar, D. Jansirani, K.Sakthi, M. Madhubala, S. Subathira, S. Suba, G. Muneeswari	Synthesis of starch-based bioplastic using banana peels in the INTERNATIONAL CONFERENCE ON BIOTECHNOLOGICAL SOLUTIONS FOR SUSTAINABLE DEVELOPMENT (ICBSSD-2023)	Department of Biotechnology, PSR Engineering college, Sivakasi,
	16-03-2023 to 17-03-2024	Dr.J.Dhanalakshmi,Muthumari P, Persis J, Reshma A, Sharon Jose R B	Thermophysical properties of virgin and carbon loaded nonaqueous amine with ionic liquids in CO2 capture process in the INTERNATIONAL CONFERENCE ON BIOTECHNOLOGICAL SOLUTIONS FOR SUSTAINABLE DEVELOPMENT (ICBSSD-2023)	Department of Biotechnology, PSR Engineering college, Sivakasi,
	16-03-2023 to 17-03-2025	Dr.J.Dhanalakshmi, Muthumari P, Kanchana devi K, Gali Poojitha, Malarkodi L	Experimental investigation of carbon capture using solvent based absorption in the INTERNATIONAL CONFERENCE ON BIOTECHNOLOGICAL SOLUTIONS FOR SUSTAINABLE DEVELOPMENT (ICBSSD-2023)	Department of Biotechnology, PSR Engineering college, Sivakasi,
		<b>2023-2024</b>		
	05-07- 2023 to 07-07-2023	Dr.D.Balaji	Dr. Balaji Dhandapani presented a paper entitled 'A potent insight into the microalgal and surface-modified magnetic microalgal biomass synthesis and treatment strategies in the removal of metal ions' in 3rd International Conference on "Waste, Energy and Environment (ICWEE-2023)", organized by Centre for Waste Management, Sathyabama Institute of Science and Technology, Chennai, during July 5-7, 2023.	Sathya Bama Institute of Science and Technology