



UGC RECOGNIZED

PDEU PANDIT
DEENDAYAL
ENERGY
UNIVERSITY

Formerly Pandit Deendayal Petroleum University (PDPU)



Ph.D. Scholars



Name: DR. BHARTI SAINI

Email: bharti.sphd14@sot.pdpu.ac.in

Research Topic: Synthesis and Characterization of Anti Fouling Ultrafiltration Membranes and Its Application in Wastewater Treatment



Name: DR. DIPAK ANKOLIYA

Email : Dipak.aphd20@sot.pdpu.ac.in

Research Topic: Design and experimental investigation of Electrodialysis and Reverse Osmosis hybrid system for brackish and dairy waste water treatment with study of membrane fouling

Ph.D. Scholars



Name: DR. AJAY V. GAWALI

Email: Ajay.gphd19@sot.pdpu.ac.in

Research Topic: Effect of Different Additives on The Transport of Mixed Gases Through Polymeric Membranes



Name: DR. SAPNA AJAY GAWALI

Email: Sapna.dphd20@sot.pdpu.ac.in

Research Topic: Fabrication and Modification of Polymeric Membrane by Inorganic Additives for the Purification of Oily Wastewater and Organic Pollutants



Name: SETU VISAVADIA

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Research Topic: : Modeling and Optimization of Green Hydrogen Generation & Synergistic Storage Techniques

Ph.D. Scholars



Name: RAKESH KUMAR

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Research Topic: Thermal Flow Improvers in Pipeline Transportation of Heavy Crude



Name: KOKATE ANITA VISHNU

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Research Topic: Thermoeconomic and environmental analysis of molasses-based bioethanol plant



Name: DR. ANIRBAN DEY

Email: anirbanb4u@gmail.com

Research Topic: : Experimental and Modeling Study on the Absorption of CO₂ in Aqueous Single and Blended Amines

Ph.D. Scholars



Name: CHETNA SHUKLA

Email: shuklachetna1994@gmail.com

Research Topic: Mathematical modelling and analysis of carbon capturing through absorption in a Rotating packed bed contactor



Name: DR. KANUBHAI K. PARMAR

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Research Topic: Strategies for Performance Improvement in Thermal Cracking Process



Name: Vaibhav

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Research Topic: : Post Combustion CO₂ Capture: Absorption of CO₂ in Aqueous 1-Methylpiperazine (1-MPZ) and Its Blend with 2-Amino-2-Methyl-1-Propanol

Ph.D. Scholars



Name: MEHUL DARJI

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Research Topic: Strategies for Studies on the properties of amine solvents promising for CO₂ capture



Name: JASPALSINH B DABHI

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Research Topic: Experimental and parametric investigation on silica gel- water pair for adsorption cooling application



Name: JAIMIN PANDYA

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Research Topic: Catalytic and Reaction Engineering Aspects of Organic Oxidation

Ph.D. Scholars



Name: PARAS BHALALA

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Research Topic: Novel Nano-Materials Derived from Waste and its Applications in Improving Rheological Properties of Bitumen



Name: GNANU BHATT

Email:25RCH002@spt.pdpu.ac.in

Research Topic: : Effective process from rubber mounts using novel carbon material- Detailed thermal, mechanical & chemical characterization & analysis



Name: PRANJAL CHAUHAN

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Research Topic: Synthesis and Characterization of Zeolytic material for Chemical Engineering. applications

Ph.D. Scholars



Name: DR. PARWATHI PILLAI

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Research Topic: Fluoride removal from contaminated groundwater using low-cost nano-adsorbents



Name: DR. TUSHAR PATIL

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Research Topic: Structure, Interaction and Process for Energy Efficient CO₂ Separations Using Novel Ionic Liquids Supported Membranes



Name: DR. SWETA BALCHANDANI

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Research Topic: Experimental and Modelling Study of Carbon Dioxide Absorption in Aqueous Ionic Liquid Blended with Amines

Ph.D. Scholars



Name: RIDDHI PATEL

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Research Topic: Development of Advanced Mxenes for pharmaceuticals application



Name: JAYESH MAPARA

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Research Topic: Development of Advanced Materials for CO2 applications



Name: DR. KOMAL DESAI

Email: desaikomal91@gmail.com

Research Topic: Production of ultra-low sulfur fuel using novel ionic liquid with ultrasound assisted Oxidative/Extractive process

Ph.D. Scholars



Name: DR. ABHISHEK KAGALKAR

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Research Topic: Development of Advanced Mxenes for emerging pollutant removal



Name: REMYA RANJITH

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Research Topic: Development of Advanced Materials for CO2 applications



Name: ANIL MUNDE

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Research Topic: Application of Advanced Ionic Liquids for Petrochemical Refineries & Industries

Ph.D. Scholars



Name: DR. KARTIK THAKKAR

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Research Topic: Development of process intensive in-situ biodiesel production technique using non-edible oil-bearing feedstock: process optimization and performance studies



Name: DR. ANVITA SHARMA

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Research Topic: Studies on biodiesel production from waste cooking oil using process intensification techniques



Name: DR. SUVIK JHA

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Research Topic: Biodiesel production using process intensification techniques: Process optimization and kinetic studies

Ph.D. Scholars



Name: NIRAV PRAJAPATI

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Research Topic: Experimental studies on biodiesel production using 100 L capacity hydrodynamic cavitation reactor



Name: SANJAY RAJAN

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Research Topic: Tungsten extraction from scheelite concentrate using process Intensification Techniques