



PRESIDENCY UNIVERSITY

Private University Estd. in Karnataka State by Act No. 41 of 2013

MAPPING OF 17 SUSTAINABLE DEVELOPMENT GOALS [17 SDGs] With Presidency School of Engineering [Petroleum Engineering Department] FACUTY PUBLICATIONS

Sl. No.	Name of the SDGs	Title of the Paper	Author	Co-Author	Journal Name	ISSN No.	Month & Year with Volume No.
1.	SDG 6 - Clean Water and Sanitation	Preparation of zeolite by green synthesis from steel industry by-product LD-slag and its application for photodegradation	Niladri Shekhar Samanta and Mihir Kumar Purkait	Mihir Kumar Purkait	Materials Research Bulletin	1873-4227	April 2025, Volume No-190
	SDG 9 - Industry, Innovation and Infrastructure						
	SDG 11 - Sustainable Cities and Communities						
	SDG 13 - Climate Action						
2.	SDG 6 - Clean Water and Sanitation	Recent advances in ZnO-based photocatalysts for industrial dye degradation	Biswadeep Pal	Andriambahiny Ranto Ny Aina, Harry Patel, Subhajit Aich, Biplab Roy, and Niladri Shekhar Samanta	Discover Applied Sciences	3004-9261	August 2025, Volume No-7
	SDG 9 - Industry, Innovation and Infrastructure						
	SDG 12 - Responsible Consumption and Production						
	SDG 13 - Climate Action						
3.	SDG 6 - Clean Water and Sanitation	Recent Approaches for Recovery, Reuse, and Effective Treatment of Wastewater	Niladri Shekhar Samanta	Niladri Shekhar Samanta	Recent Trends in Industrial Wastewater Treatment	97810 03496 014	May 2025
	SDG 9 - Industry, Innovation and Infrastructure						
	SDG 11 - Sustainable Cities and Communities						



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	SDG 12 - Responsible Consumption and Production						
4.	SDG 9 - Industry, Innovation and Infrastructure	Enhancing the Shale Drilling Compatibility Using Hydroxyethyl Acrylate Chitosan	Amolina Doley	Vinay Kumar Rajak, Raj Kiran, Vikas Mahto, Rajeev Upadhyay, U. Eswaran, and Prashant	Arabian Journal for Science and Engineering	2191-4281	June 2025
	SDG 12 - Responsible Consumption and Production						