



Indian J Chem Technol

SEPTEMBER 2024 CODEN: ICHTEU 31 (5) 665-818 (2024) ISSN: 0971-457X (Print);0975-0991(Online) ijct@niscpr.res.in http://nopr.niscpr.res.in

Indian Journal of Chemical Technology

Published by SS CSIR-National Institute of Science Communication And Policy Research New Delhi, INDIA

14/11/24

Indian Journal of Chemical Technology www.niscpr.res.in; http:// nopr.niscpr.res.in

VOLUME 31	NUMBER 5	ISSN: 0071 AFTY (Delet	SEPTEMBER 2024	
CODEN: ICHTEU	ainte en	ISSN: 0971-457X (Print	.); 09/5-0991 (On	line)
	CONTENTS			
Papers				
Investigation of spectroscopic, wate Shivam Kumar, Devyanshu Sa			tosan membrane	673
Development and evaluation of gela for delivery of ampicillin sodiu Tanuja Kumari, Nitin, Priyank	um		m hydrogel	681
Spectrophotometric quantification of ligand substitution approach in	n micellar medium			691
Abhishek Srivastava*, Neetu S	Srivastava & Vinay Kumar S	Singh*		
Efficacy improvement technique of electroless Ni-Cu-P coating Niloy Ghosh*, Jhumpa De & A		y biofouling using		702
Amendment of chitosan biopolymer reactive orange-16 textile dyes P. M. Nandanwar*, P. Doonda	r with graphite for augmente s		blue-19 and	710
Optimization of conditions for fabri Rupashree Dash*, Sukalyan D		ent through gel-casting tec	hnique	722
Effects of PTFE-coated membrane of pollution Swapnil, Satish Kumar & A K		l filter media for the contro	ol of industrial air	729
Sequestration of Ni(II) ions from wat Apurva Bambal, Ravin Jugade*				738
Multilayer polymeric composite me N. Gobi*, S. Karthick Kumar,		ni & D. Hazel		749
Visible light driven g-C ₃ N ₄ photoca R. Tamilselvan & A. Immanue		straw for enhanced biogas j	production	762
Characterization and coagulation/flo laboratory Anilkumar Yadav* & Sanjeev		ured wastewater of institut	ional dyeing	770

669

670

Design of wastewater treatment plant for the removal of phenol using CHEMCAD® process simulator R W Gaikwad*, Hemant Sadafale, Vikas S Hakke, Shirish H Sonawane & A R Warade	783
Studies on Ni(II) removal from industrial wastewater by magnetic activated carbon nanocomposite Swaminathan Sribharathi, Gurusamy Kavitha*, Ramasamy Sudha & Ganeshan Dinesh Kumar	792
Synthesis of Ag-rGO nanocomposite for the catalytic reduction of p-nitrophenol Sweetlin Rajula Rubavathi D*, Jayanthi J & Preethi M. S	803
Comparison of yield for the extraction of <i>Solanum virginianum</i> bio-oil with different solvents V. Sabari, V. Apoorva Varshini, C. Jayakumar* & M. Dharmendira Kumar	810

Authors for correspondence are indicated by (*)