

FACULTY

DEPARTMENT: - CHEMISTRY

NAME- Dr. Binay Kumar Singh

DIGITAL PHOTOGRAPH



ACADEMIC QUALIFICATIONS (PG & above only)	
ACADEMIC QUALIFICATION [PG & above only]	M.Sc., Ph.D, NET, BET, MBA
SPECIALIZATION/ RESEARCH AREA	Organic Chemistry, Environmental Studies (Waste Water Analysis)
SUPERVISING RESEARCH SCHOLAR/ PURSURING RESEARCH	

DESIGNATION :	Assistant Professor
DATE OF JOINING THIS COLLEGE	03.03.2008
TEACHING EXPERIENCE [at UG & PG level only]	UG- 34 years, PG- 16 Years
CONTACT NO.:	6201634756
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RESEARCH/ ARTICLES:	<ol style="list-style-type: none"> 1). Water quality Assessment Part- 'I' Urimari Area of South Karnpura Coal Field Indian Journal of Environmental Protection 27(5):410-419(2007) ISSN 0253-7141 2). Water quality Assessment Part-'II' Sayal 'D' Block of South Karnpura Coal Field Indian Journal of Environmental Protection 27(8):673- 679 (2007) ISSN-0253-7141 3). Water quality Assessment Part- 'III' Karnpura Colliery of South Karnpura Coalfield Indian Journal of Environmental Protection 27(11):961-966 (2007) ISSN-0253-7141 4. Assessment of Water Quality of Hazaribag Jharkhand ISSN-0973-239X J. Chemtracks & 8, 1&2, 181-182-2006 5. Water quality Assessment Part- 'IV' Bhurkunda Colliery of South Karnpura Coalfield Indian Journal of environmental ISSN-0253-7141 Protection 29 (5) 407-413(2009) 6. Water quality Assessment Part- 'V' Five Station of River Nalkari Indian Journal of Environmental Protection 29 (8) 673-680 (2009) ISSN- 0253-7141 7. Facile transformation of molasses to citric acid LSCF Process Exposed to 7- hydroxyl-8- nitrocoumarin J. Chemtracks, 13 (1), 21-24, 2011 ISSN: 0973-239X 8. SmF production of lactic acid by Lactobacillus bulgaricus NCIM-2095 exposed to nitrosomethylurea J. Chemtrack, 16(1), 191-194, 2014 ISSN: 0973-239X 9. Correlation of COD and BOD of Damodar River water samples Before and after meeting of mining Effluents Around Khas Karnpura Coalfield, Jharkhand Journal of Advances in Science and Technology Vol. –Issue No.19, May-2015, ISSN 2230-9659 10. Trans fats are villains-A Review Journal of Advance in Science and Technology Vol. 11, Issue No. 23 August-2016, ISSN 2230-9659 11. Studies on biotransformation of molasses to ergot alkaloids Exposed to potassium-4- dodecyl benzene sulphonate J. Chemtracks 25 (1&2) 47-50, 2003 ISSN 0973- 239X
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	<p>12. Efficacy of calcium dodecyl benzene sulfonate on ergot alkaloids fermentation J. Chemtracks 25 (1& 2) 101-104, 2023 ISSN 0973-239X</p> <p>13. Studies on production of ergot alkaloids exposed to cetyl trimethyl ammonium chloride J. Chemtracks 25 (1&2) 109-112, 2023 ISSN 0973-239X</p>
EDITED/AUTHORED BOOKS:	<p>1.) Essentials of Organic Chemistry January 2012</p> <p>2.) Fundamental Concepts of Stereochemistry Spectroscopy January 2021 ISBN-13: 978-9381630624 ISBN-10: 9381630623</p>
AFFILIATION/ASSOCIATION WITH JOURNAL	<p>1.) Indian Journal of Environmental Protection ISSN 0253-7141</p> <p>2.) Journal Chemtracks ISSN 0973-239X</p>
MEMBERSHIP/ATTACHMENT WITH DIFFERENT ASSOCIATION INSTITUTIONS/ BODIES/ BOARDS:	<p>1.) Fellow Member of Indian Chemical Society</p> <p>2.) Member of Board J.M College Bhurkunda</p> <p>3.) Co-ordinator of IQAC (St. Columba's College, Hazaribag)</p>
ACHIEVEMENTS/FELICITATIONS/AWARDS RECEIVED:	
ANY OTHER RELEVANT INFORMATION:	

[SIGNATURE]

Binay Kumar Singh