




महात्मा ज्योतिबा फुले
कृषिविद्यालय, बरेली

Faculty Profile on University Website

www.mjpru.ac.in

Title	Prof./Dr./Mr./Ms.	First Name	Lopamudra	Last Name	Das	Photograph			
Designation		Guest faculty							
Department		Chemical Engineering							
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Educational Qualifications (Graduation Onwards)									
Course/Degree	Institution	Year	Details/Thesis Topic/Subjects						
Career Profile									
Organization / Institution	Designation	Duration	Role						
Jadavpur University	SRF	2018-2021	Research scholar						
Research Interests / Specialization									
Wastewater treatment									
Teaching Experience (Subjects/Courses Taught)									
Nil									
Honors & Awards									
Publications /Academic Activities (Numbers Only)									
Books & Monographs (Single Author)	0	Research Papers Published in International Journals	7	Papers Presented in Seminars/ Conferences	8	Seminars/ Conferences Organized	0	Research Projects (Completed)	0
Books (Co-authored)	0	Research Papers Published in Other Journals		Seminar/ Conferences Attended	14	Workshops Organized	0	Research Projects (Ongoing)	0
Books (Edited)		Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.		Sessions Chaired in Seminars/ Conferences	0	Membership of Academic/ Professional Bodies	0	Foreign Countries Visited for Academic Assignments	0
Chapters in Edited Books	2		Resource Lectures Delivered	0					

Details of Publications /Academic Activities (2010 Onwards)				
(a) Books / Monographs				
Year of Publication	Title	Publisher	ISBN	Co-Author (s) (if any)
(b) Papers Published in Indexed/ Peer Reviewed Journals				
Year of Publication	Title	Journal	ISSN/ Indexing	Co-Author (s) (if any)
2020	Synthesis of hybrid hydrogel nano-polymer composite using Graphene oxide, Chitosan and PVA and its application in waste water treatment	Environmental Technology and Innovation	https://doi.org/10.1016/j.eti.2020.100664	Das, P., Bhowal, A., Bhattacharjee, C
2020	Treatment of malachite green dye containing solution using bio-degradable Sodium alginate/NaOH treated activated sugarcane bagasse charcoal beads: Batch, optimization using response surface methodology and continuous fixed bed column study	Journal of Environmental Management	https://doi.org/10.1016/j.jenvman.2020.111272	Das, P., Bhowal, A., Bhattacharjee, C.
2021	Enhanced biosorption of fluoride by extracted nanocellulose/polyvinyl alcohol composite in batch and fixed-bed system: ANN analysis and numerical modeling	Environmental Science and Pollutant ion resources	https://doi.org/10.1007/s11356-021-14026-x	Das, P., Bhowal, A., Bhattacharjee, C.,
2021	Experimental and Numerical modeling on dye adsorption using pyrolyzed mesoporous biochar in Batch and fixed-bed column reactor: Isotherm, Thermodynamics, Mass transfer, Kinetic analysis.	Surfaces and Interfaces	https://doi.org/10.1016/j.surfin.2021.100985	Sengupta, S., Das, P., Bhowal, A., Bhattacharjee, C
2021	Calcium alginate–bentonite/activated biochar composite beads for removal of dye and Biodegradation of dye-loaded composite after use: Synthesis, removal, mathematical modeling and biodegradation kinetics.	Environmental Technology and Innovation	https://doi.org/10.1016/j.eti.2021.101955	Saha, N., Ganguli, A., Das, P., Bhowal, A., Bhattacharjee, C
2022	Comparative experimental and mathematical analysis on removal of dye using raw rice husk, rice husk charcoal and activated rice husk charcoal: batch, fixed-bed column, and mathematical modeling	Biomass Conversion and Biorefinery	DOI:10.1007/s13399-021-01996-8	Saha, N., Das, L., Ganguli, A., Das, P., Bhowal, A
2022	Natural Biodegradable Polymeric Bio-adsorbents for Textile Wastewater.	Polymer Technology in Dye-containing Wastewater	DOI:10.1007/978-981-19-0886-6_9.	Das, Papita & Bhowal, Avijit & Bhattacharjee
(c) Articles				
(d) Seminar/Conference Presentations				
<ul style="list-style-type: none"> ● 8th International Conference on Sustainable Waste Management (8th ICON- 2018) by Acharya Nagarjuna University, Andhra Pradesh , during November 22-24, 2018 , volume-2, Page- 838 – 845 ● International Conference on Emerging Technologies for Sustainable Development (ICETSD 19) on March 5-6, 2019 at GCELT campus, Kolkata.WB,India. , Proceedings:- 978-81-8211-146-2 , Page- 95-98 ● 12th All India Peoples' technology congress organised by forum of scientists,engineers & technologists (FOSET-2019). ● International conference on Nanotechnology (ICNT-2019),28-29th december, 2019 by Institute of Fire and Safety Engineering,Haldia,WB,India., Proceedings:-978-93-5361-912-1,page-69 ● ACMS -2022 International conference on advances in chemical and material science, organised by IICHe, held in Heritage Institute of technology on 14-16th April ,2022. ● 8th National conference , STEER-2022 organised by ACE-IICHe SSN student chapter held on 11th and 12th march 2022 ● Presentation certificate for presenting at the Web-based Exposition on Engineering and Technology at Jadavpur University on February 26-27, 2021 				

<u>(e) Resource Lectures Delivered</u>
<u>(f) Seminars/Conferences/Workshops Organized</u>
<u>(g) Public Service / University Service / Consulting Activity</u>
<u>(h) Memberships of Academic/Professional Bodies</u>
Projects (With Title, Year, Grants, Funding Agency and Collaborations)
Administrative Positions/Assignments Held
Academic Foreign Visits
Any Other Details

Signature of Faculty Member
(in Hard Copy Only)

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