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5.	Date of Joining	15.09.2019			
6.	Degree	Subject	University	Year	
	Ph.D	Microbiology	University of Calcutta	Persuing	
	M.Sc	Microbiology	West Bengal State University	2013	
	B.Sc	Microbiology	University of Calcutta	2011	
7.	Title of Thesis	<b>STUDIES ON MICROBIAL BIOREMEDIATION OF CADMIUM (II) FOR DECONTAMINATION OF GROUND WATER</b>			
8.	Field of specialization under subject/ discipline	<b>Bioremediation</b>			
9.	HONOURS AND AWARDS	<b>CSIR-UGC NET: Awarded Junior Research Fellowship (CSIR) in Life Science(2017)</b>			
10.	CURRENT RESEARCH PROJECT/Field of Research	<b>Bioremediation of Cadmium from contaminated waterbodies</b>			
11.	TECHNICAL UNDERSTANDING AND EXPERIENCE	<b>Bacterial Transfection and Transformation, PCR, Real-time PCR, Gel electrophoresis, Scanning Electron Microscopy (SEM) with Energy Dispersive X-Ray Analysis (EDX), Fourier transform infrared (FTIR) spectroscopy, Atomic absorption spectroscopy (AAS)</b>			
12.	COMPLETE LIST OF PUBLICATIONS (Harvard Format maintained)	<p>Bhattacharyya, K., Bhattacharjee, N., Sen, D., Lai, T.K., Ghosh, A.K., Pal, R.R., Ganguly, S., 2024. Unlocking Cd (II) biosorption potential of <i>Candida tropicalis</i> XTA 1874 for sustainable wastewater treatment. Sci. Rep. 14:15690. <a href="https://doi.org/10.1038/s41598-024-66336-y">https://doi.org/10.1038/s41598-024-66336-y</a></p> <p>Bhattacharyya, K., Sen, D., Banik, A.K. and Ganguly, S., 2023. Adsorptive removal of cadmium from aqueous media: a critical review. Physics and Chemistry of the Earth, Parts A/B/C, p.103538. <a href="https://doi.org/10.1016/j.pce.2023.103538">https://doi.org/10.1016/j.pce.2023.103538</a></p> <p>Bhattacharyya, K., Bhattacharjee, N., Ganguly, S., 2023. Evidences for augmented Cd (II) biosorption by Cd (II) resistant strain <i>Candida tropicalis</i> XTA 1874 from contaminated aqueous medium. Sci. Rep. 13, 12034. <a href="https://doi.org/10.1038/s41598-023-38485-z">https://doi.org/10.1038/s41598-023-38485-z</a></p> <p>Bhattacharyya, K., Sen, D., Dey, B.B., De, A., Bhattacharjee, N., Biswas, A.B., Ganguly, S., 2022. Isolation and characterization of heavy metals and non-metallic pollutant-tolerant microorganism from wastewater of Tollygunge Canal (Kolkata) West Bengal, India. Biologia. 77, 2359–2369. <a href="https://doi.org/10.1007/s11756-022-01086-8">https://doi.org/10.1007/s11756-022-01086-8</a></p> <p>Bhattacharyya, K., Sen, D., Laskar, P., Saha, T., Kundu, G., Chaudhuri, A.G., Ganguly, S., 2021. Pathophysiological effects of cadmium ( II ) on human health-a critical review. J. Basic. Clin. Physiol. Pharmacol. 34, 249-261. <a href="https://doi.org/10.1515/jbcpp-2021-0173">https://doi.org/10.1515/jbcpp-2021-0173</a></p>			