

Faculty profile of Dr. Shatarupa Chakraborty for college website



1. Name: Dr. Shatarupa Chakraborty
2. Designation: SACT I
3. Department : Dept. Of Zoology
4. Date Of joining: 03/03/2014
5. Contact Address: 59, Radhaballav Road, Naihati, North 24 Parganas, Pin-743165, West Bengal.
6. Email: satarupa@kpcoll.ac.in
7. Academic Qualifications:

Degree	Stream	College / University	Year of Passing
Ph.D.	Biochemistry	University Of Kalyani	2014
MA/M. Sc/M.Com	Zoology	University Of Kalyani	2007
M. Phil			
MBA/ MLIS			
BA/B. Sc/B.Com	Zoology	University Of Kalyani	2005
BCA/BBA/BLIS			

8. Professional Membership:

9. Total Experience:

9 a) Teaching Experience: 9 Years 3 Month

9b) Industry Experience: NIL

9c) Research Experience: 7 Years

10. Experience Details:

11. Area of Research: Microbial Bioremediation

12. Publications:

12 a) Number of Publication in International Journal: 7

12 b) Number of Publication in National Journal: 0

12c) Number of Publication in International Conference Proceedings: 3

12d) Number of Publication in National Conference Proceedings: 0

12e) Number of Books / Books chapters: 0

- 13) List of Publication:

- 13a) International Journal:

Author(s)	Title of the Paper	Details of Journal or Conferenc	Publishers
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1.Shatarupa Chakraborty	Bioremediation potential arsenic by non-enzymatic biofabricated silver nanoparticles adhered to the mesoporous carbonized fungal cell surface of <i>Aspergillus foetidus</i> MTCC	Journal of Environmental management.	Elsevier
2.Shatarupa Chakraborty	Biochemical characterization of lead-tolerant strain of <i>Aspergillus foetidus</i> : An implication of bioremediation of lead from liquid media.	International Biodeterioration & Biodegradation	Elsevier
3.Shatarupa Chakraborty	The bioremediation potential biomass of <i>Aspergillus foetidus</i> MTCC 8876 against lead toxicity in male swiss albino mice	International Journal of Recent Scientific Research	IJRSS PUBLICATION
4. Saili Paul, Anuradha Mandal, Bhattacharjee, Shatarupa Chakraborty , Rituparna Paul, Biplab Kumar Mukhopadhyay	Evaluation of water quality and toxicity after exposure of lead nitrate in fresh water fish, major source of water pollution	Egyptian Journal of Aquatic Research	Elsevier
5. Shatarupa Chakraborty	Biosorption of lead from aqueous solution by a lead tolerant strain of <i>Aspergillus foetidus</i> MTCC 8876: energy dependence of lead sorption	International Journal of current microbiology and applied sciences	Int.J.Curr.Microbiol.App.Sc publication
6.Shatarupa Chakraborty	Cadmium-induced oxidative stress tolerance in cadmium resistant <i>Aspergillus foetidus</i> : its possible role in cadmium bioremediation	Ecotoxicology and Environmental Safety	Elsevier
7. Swarup roy, triparna mukherjee, shatarupa chakraborty, Tapan kumar das	Biosynthesis, characterisation & antifungal activity of Silver nanoparticles synthesized by the fungus <i>aspergillus Foetidus</i> mtcc8876	Digest Journal of Nanomaterials & Biostructures	DJNB Publication

13b) National Journal:

Author(s)	Title of the Paper	Details of Journal or Conference	Publishers

13c) International Conference

Author(s)	Title of the Paper	Details of Journal or Conference	Publishers

13d) National Conference

Author(s)	Title of the Paper	Details of Journal or Conference	Publishers

13e) Book/ Book chapters:

Author(s)	Title of the Book/Book Chapter	Publishers

14. Sponsored Projects: N.A
15. Number of M. Phil thesis guided: N.A
16. Number of Ph.D. thesis guided: N.A
17. Awards and Honours: N.A
18. Short term courses / Workshop organized: N.A
19. Short term courses/ Workshop attended (Minimum One week): 1. Recents trends in Biotechnology and Bioinformatics
20. Area of Specialization: Biochemistry, Bioremediation, Medical Parasitology
21. Additional academic or co- curricular activities undertaken