

BIO-DATA

NAME: SANJANA GHOSH

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WORK PROFILE

Presently working as a Lecturer in the department of Environmental Studies in B. Com (Morning), BMS department and Raghobpur Campus of St. Xavier's College (Autonomous) Kolkata.

Education Profile:

Currently working as a PhD Research Scholar, under the guidance of Dr Sudeshna Shyam Choudhury, Dr Ayan Chandra and Dr Arup Kr Mitra at Department of Microbiology, St. Xavier's College (Autonomous), Kolkata.

PUBLICATIONS

- ❖ Basu, Riddhi, Ghosh, Sanjana, Dhara, Bikram, Roy, Ishita, Basumatary, Elizabeth, Paul, Supriti and Kumar Mitra, Arup .(2023) "Extremophilic pigments in eukaryotic microbes: a tool for survivability". Extremophiles: A Paradox of Nature with Biotechnological Implications, edited by Maulin P. Shah and Satarupa Dey, Berlin, Boston: De Gruyter, pp. 149-170. <https://doi.org/10.1515/9783110788488-008>
- ❖ Juhita Dhar, Anupriya Das, Soumyadip Biswas, Talaha Nishat Ahmed, Sanjana Ghosh and Arup Kumar Mitra (2023) Strategies to reduce microbial biofilm in medical prosthesis and other devices. Pp.289-314. In Microbial Biofilms Challenges and Advances in Metabolomic Study. P.434 Eds. Sanket Joshi, Dibyajit Lahiri, Rina Rani Ray and Mubarakali Davoodbasha. In the Series Advances in Biotechnology and Bioengineering. Series Editor. Hemen Sarma. Published by Elsevier, Academic Press, U.K. ISBN-978-0-323-95715-1
- ❖ Sanjana Ghosh¹ Arup Kumar Mitra¹ Sudeshna Shyam Choudhury¹ Ayan Chandra² (2024) Unleaded agriculture: Myth to reality by wetland microbial flora. Env. Qual. Management. Wiley online. DOI: 10.1002/tqem.22259. If. 1.09.
- ❖ Sanjana Ghosh, Debalina Saha, Stootee Baruah, Aniket Mookerjee, Arup Kumar Mitra, Sudeshna Shyam Choudhury, Ayan Chandra (2024) Harnessing Carbon Nanomaterials: Applications and Innovations. (Pp.1-36) In Carbon-Based Materials and Environmental Remediation: Graphene, Biochar, and More. Ed. N. Nirmala,

Jayaseelan Arun, S. S. Dawn. Pp. 434 IGI Global. DOI: 10.4018/979-8-3693-8257-8.ch001. ISBN13: 9798369382578|ISBN13 Softcover: 9798369382585

PATENTS

PATENT PUBLISHED: No.202431016997. Date: 10.05.2024. Subject: A Bio-active Mechanized Aerobic Composter. Name of Inventor: Agnik Ghoshal, Arup Kumar Mitra, Bikram Dhara, Sanjana Ghosh, Debapriya Maitra, Bedaprana Roy, Rishab Dugar, Sahil Choudhury, Prashant Toshniwal

AWARDS

- Won the best paper presentation award in Research scholar category in Khulna University, Bangladesh(2022)
- Won the best paper award in Calcutta University,2022
- Won the best paper award in Microbiology section of 1st Botanical Congress, held at Calcutta University,2023
- Won the second prize in oral presentation at SCALFE, Himachal Pradesh University,2023
- Won the best paper award at Biospectrum, UEM, 2023.
- Won the best paper award at Regional State Science Congress,2023 in Environmental Science Section.

Sanjana Ghosh