

Parameter	Data
Faculty Name with Prefix (BLOCK LETTER)	Dr. MALAY SAHA
Designation (Assistant/Associate/ SACT Professor)	Associate Professor
Educational Qualification	M.Sc., B.Ed., Ph.D. (JU), Qualified IIT, GATE 1999
Contact official email (Mobile no. optional)	sahamalay@smc.edu.in
Department Name	Botany
Field of Specialization/Area of Interest	Microbial Biotechnology, Marine Natural Products
Teaching experience (in years)	17 Yrs
Industrial experience (in years give details)	2 years, Worked as an “Executive Scientist” and functional HOD, Microbiology division at Cavin Kare Research & Development Centre, Chennai. from 2006 to 2008
Papers/Books Published (Details as reference)	❖ Basu, S., Bhattacharya, D., Pramanik, A., Saha, M., & Mukherjee, J. (2023). In-silico whole-genome sequence analysis of a halotolerant filamentous mangrove cyanobacterium revealed CRISPR-Cas systems with unique properties. <i>Journal of Phycology</i>, 00, 1–8. https://doi.org/10.1111/jpy.13393 ❖ Adak, Laksmikanta; Kundu, Debasish; Roy, Keya; Saha, Malay; Roy, Anup (2022) Reusable Iron/Iron Oxide-based Nanoparticles Catalyzed Organic Reactions, <i>Current Organic Chemistry</i>, Volume 26, Number 4, 2022, pp. 399-417(19) ❖ Biswas K, Bhattacharya D, Saha M, Mukherjee J, Karmakar S (2022) Evaluation of antimicrobial activity of the extract of <i>Streptomyces euryhalinus</i> isolated from the Indian Sundarbans. <i>Archives of Microbiology</i>, 204:34 ❖ Biswas, K.; Choudhury, J.; Mahansaria, R.; Saha, M.; Mukherjee, J. (2017). <i>Streptomyces euryhalinus</i> sp. nov., a new actinomycete isolated from a mangrove forest. <i>The Journal of Antibiotics</i>. (NATURE pub) 70. . 10.1038/JA.2017.3. ❖ Arumugam M, Mitra A, Pramanik A, Saha M, Gachhui R and Mukherjee J. (2010) <i>Streptomyces sundarbansensis</i> sp. nov., a novel actinomycete that produces 2- allyloxyphenol. <i>International Journal of Systematic and Evolutionary Microbiology</i>, Nov;61(Pt 11):2664-9. Epub 2010 Dec 10.

	❖ Saha M, Sarkar S, Roy D, Jaisankar P, Das S, Roy LG, Gachui R, Sen T and Mukherjee J (2008) Enhanced Production of Antimicrobial Compounds by Three Salt Tolerant actinobacterial Strains Isolated from the Sundarbans in a Niche-Mimic Bioreactor Marine Biotechnology 10, 518-526 ❖ Saha M, Jaisankar P, Das S, Sarkar KK, Ghosh D, Dutta PK, Mukherjee J (2006) Production and Purification of a Bioactive Substance Inhibiting Multiple Drug Resistant Bacteria and Human Leukemia Cells from a Salt-Tolerant Marine Actinobacterium sp. Isolated from the Bay of Bengal, Biotechnology Letters 28(14): 1083-1088. ❖ Saha M, Ghosh D (Jr.), Ghosh D, Garai D, Jaisankar P, Sarkar KK, Dutta PK, Das S, Jha T and Mukherjee J (2005) Studies on the production and purification of an antibiotic lead compound and taxonomy of the producer isolated from the marine environment of the Sundarbans, Journal of Applied Microbiology and Biotechnology 66:497-505.
Attended Seminar/ Webinar/Workshop/ paper presented/FIP/ RC	● Organizing Committee Member, A Three-day International E-workshop on, "The Foundations of College Mathematics", Sovarani Memorial College, 21st to 23rd September 2020 ● Speaker: topic- Recycling of Plastic, International Plastic Bag Free Day 2021, Sovarani Memorial College, 3rd July 2021 ● Main Speaker as Programme Officer NSS Unit, Awareness cum Sensitisation Programme on Dengue Prevention, Sovarani Memorial College, 12th August, 2020 ● Oral Paper Presentation, A Two Days International Seminar on Recent Trends in Science Word Sustainable Development, Acharya Prafulla Chandra College in Collaboration with Indian Chemical Society, 6th and 7th August 2018 ● Paper Presented, Two Days National Seminar on Recent Advances in Plant Science Botany Dept. Midnapore College (Autonomous), 2nd 3rd March 2020 ● Received Certificate Grade A, National Level Online Faculty Development Programme Entitled Paradigm Shift in Teaching Learning Pedagogy and Scope of Research Methods in Post Covid Era, Dept. of Education and IQAC East Calcutta Girls College, WB, 9th June to 15 June 2020 ● Paper Presented, State Government Sponsored National Seminar on Environmental Issues, Vivekananda College for Women Barisha Kolkata, WB, 6th and 7th April 2018 ● Refresher Course, Ugc Sponsored Winter School 2019 Under on Emerging Trendin Mechanical Engineering with Inter-Disciplinary Application UGC Jadavpur University HRDC Kolkata, 2nd January 2019 to 22nd January 2019 Attended One day Seminar on Quality Enhancement in Higher Education through IQAC organized by IQAC, Prabhu Jagatbandhu College, Andul-Mourigram, Howrah, on 26th August, 2014. ● One week online Faculty Development Program Empowerment in Online Teaching Learning and Evaluation For Combating Covid-19 Pandemic Situation, Cooch Behar College, 2nd June to 8th June 2020
Project Works/Thesis Guidance	
Collaborative Programs/	Life member of The Botanical Survey of West Bengal.

Other Notable Activities	Patents: Isolation of a new antimicrobial compound (2,3-dihydroxy-4-(2,3,5-trihydroxy-pentano ylamino)-butyric acid 3-[3-(2,3-dihydroxy-propoxycarbonyl)-2,3-dihydroxypropoxycarbonyl]-2,3-dihydroxy-propyl ester: (Indian Patent, File No.00372/KOL/2004 , Publication date 25.08.2006)
WEB address(if any)	https://scholar.google.co.in/citations?user=5sbDpYQAAAAJ&hl=en
Passport photograph (insert)	