

PERSONAL PROFILE

Dr. ARINDAM GANGULY SACT & Head

Address:

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Personal Detail:

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Email Id: arindam_ganguly@yahoo.com

Date of Birth: 24th February, 1984

Date of Joining: 04.12.2008

Web Page Link: <https://scholar.google.co.in/citations?user=W8KfYBsAAAAJ&hl=en>

Educational Qualification:

Ph.D.: Ph.D. degree from Vidyasagar University in the year of 2020.

M.Sc.: M.Sc. in Microbiology from Bangalore University in the year of 2006.

Area of Teaching: Medical Microbiology, Immunology, Cell Biology etc.

Research Interest: Aquaculture Microbiology, Tribal Medicines, Fermented Food.

Research Guidance:

Courses	Name of the University/ College/ Institution	Duration
P.G. (M.Sc.) Botany	Worked as co-guide of two P.G. students of Botany department, Ramananda College, Bishnupur.	P.G. 4 th Semester 01.01.19 to 30.06.19
U.G (B.Sc.) Microbiology	Worked as guide of thirty five project woks in the Microbiology Department.	01.01.2018 to 31.12.2022

Member of Professional Body / Editorial Board:

Life Member of

- Biotech Research Society, India (BRSI).

Faculty Development Courses / Workshop/ Training Undertaken:

Name of the Course / Program	Venue	Duration
Electron Microscopy and its application in Material Science and Biological Science	Jadavpur University & IICB	29 th to 30 th January, 2018.
Current trends of Biological Research at Crosswords of Science.	Vidyasagar University	17 th to 23 rd March, 2013.
Biopharmaceutical Analysis under the purview of Bioequivalence, Toxicity Study and Clinical Trials (Certificate course ISO-9001:2000)	Jadavpur University	June to July, 2008.
Vaccine Production & Quality Control Analysis	Serum Institute of India Research Foundation	26.07.2006 to 25.08.2006.

National / International Publications:

Sl. No.	Title, Authors, Journal, Publishing year	ISSN / ISBN Number
1.	A review of the role of probiotics for the control of viral diseases in aquaculture Chattaraj S, Ganguly A , Mandal A, Das Mohapatra PK <i>Aquaculture International; Springer nature</i> DOI: https://doi.org/10.1007/s10499-022-00915-6	ISSN: 1573-143X
2.	Ichthyo-diversity of Uttar Dinajpur, West Bengal: An application of Geo-spatial technology Sarkar A, Chattaraj S, Chattaraj M, Maity S, Ganguly A , Nandi B, Pahari PR, Duari (Rakshit) M, Das Mohapatra PK <i>North-Western Journal of Zoology</i> 18 (2): 151-160, 2022.	ISSN: 1843-5629
3.	Traditional Fishing Gears of Bankura District, WB, India: Some Uniqueness In Fish Catching Ganguly A , Konar U, Kundu A, Chatterjee S, Nandi S, Guin RK, Duari M, Mandal A, Das Mohapatra PK <i>Notulae Scientia Biologicae</i> 14 (1), 1-18, 2022.	ISSN: 2067-3264
4.	Diversity and distribution of wild mushrooms in different forest areas of Bankura district, WB, India Ganguly A , Nad S, Singha K, Pathak R, Hazra P, Singha P, Dhua P, Das Mohapatra PK, Mandal A <i>Acta Biologica Szegediensis; Hungary</i> 65(2):185-198, 2021.	ISSN: 15884082
5.	The prevalence, preventive measures and economic impact of pandemic COVID-19 in India: the initial phase Ganguly A , Konar U, Kundu A, Ghosh S, Chatterjee I, Nad S, Chatterjee S, Nandi S, Singha S, Kali S <i>Acta Biologica Szegediensis; Hungary</i> 64(1):43-61, 2020.	ISSN: 1588-4082
6.	Isolation and characterization of bacteria from the intestine of <i>Clarias batrachus</i> for probiotic organism Ganguly A , Banerjee A, Mandal A, Khan MA, Das Mohapatra PK <i>Proceedings of the Zoological Society; Springer publication</i>	ISSN: 0373-5893

	72(4):411-419, 2019.	
7.	Study of bile salt hydrolase in <i>Lysinibacillus sphaericus</i>: A potent fish probiotic and its <i>in silico</i> structure prediction for catalytic interaction Ganguly A, Banerjee A, Mandal A, Das Mohapatra PK <i>Romanian Archives of Microbiology and Immunology; Romania</i> 78(2):81-90, 2019.	ISSN:1222-3891
8.	Probiotic-based cultivation of <i>Clarias batrachus</i>: importance and future perspective Ganguly A, Banerjee A, Mandal A, Das Mohapatra PK <i>Acta Biologica Szegediensis; Hungary</i> 62(2):158-168, 2018.	ISSN: 15884082
9.	Study of indigenous freshwater fish diversity of Bankura (West Bengal), India with special reference to <i>Clarias batrachus</i> Ganguly A, Banerjee A, Mandal A, Dutta TK, Das Mohapatra PK <i>Journal of Applied and Natural Science</i> 10(4):1162 -1172, 2018.	ISSN: 09749411
10.	Optimization of effective dose of a newly isolated probiotic bacteria for growth and disease resistance of <i>Clarias batrachus</i> (Linn.) Ganguly A, Banerjee A, Mandal A, Das Mohapatra PK <i>Research journal of Life sciences, Bioinformatics, Pharmaceutical and Chemical sciences</i> 4(4):344-354, 2018.	ISSN: 24546348
11.	Investigation of Alkaline Phosphatase Enzyme of A Novel <i>Bacillus</i> Species Isolated from Rhizospheric Soil of Potato Field Bhattacharjee M, Banerjee M , Mitra P, Ganguly A <i>Research journal of Life sciences, Bioinformatics, Pharmaceutical and Chemical sciences</i> 4(2): 129-144, 2018.	ISSN: 24546348
12.	Study of physico-chemical parameters, planktonic diversity and bacterial load of <i>Clarias batrachus</i> cultivation pond at Bankura, WB, India Ganguly A, Mandal A, Khan MA, Dutta TK, Raha S, Das Mohapatra PK <i>International Research Journal of Biological sciences</i> 6(12):23-34, 2017.	ISSN: 22783202
13.	Assessment of nutritional status and socio-economic conditions of terracotta artisans of Panchmura, West Bengal Ganguly M, Patsa MK, Chowdhury P, Ganguly A <i>International Journal of Development Research</i> 6(5):7741-7747, 2016.	ISSN: 2230-9926
14.	Assessment of nutritional status, socio-economic conditions & occupational health hazards of conch shell workers of Bankura Ganguly M, Daripa A, Patsa MK, Ganguly A <i>International Journal of Current Research</i> 8(3):28530-28536, 2016.	ISSN: 0975-833X
15.	An Insight to the bell metal industry of Bankura, West Bengal, India Ganguly M, Patsa MK, Ghosh A, Ganguly A <i>International Journal of Life Sciences</i> 5(2):105-111, 2016.	ISSN: 2277-193X
16.	Assessment of nutritional status, socio-economic conditions and occupational health hazards of terracotta artisans of Bishnupur, West Bengal, India Ganguly A, Ganguly M, Chowdhury P, Patsa MK	ISSN: 2277-193X

	International Journal of Life Sciences 5(2):129-135, 2016.	
17.	From Courtly Craze to Coasters: A Catastrophic Chronicle of Ganjifa Cards Roy S, Ganguly A Thespian Magazine 4(1):59-74, 2016.	ISSN: 2321-4805
18.	A study on anthropometric measurement, socio-economic conditions & occupational health problems of Baluchari shari weavers of Bishnupur Ganguly M, Ganguly A International Journal of Current Research 7(7):17722-17729, 2015.	ISSN: 0975-833X

List of Books / Book Chapters Published:

Sl. No.	Title, Authors, Journal, Book, Publishing year	ISSN / ISBN Number
1.	Computational approach to assess Mucormycosis: A systematic review Mitra D, Nachhmin B, Ganguly A , Das Mohapatra PK Computational Intelligence in Healthcare Applications, Academic Press, (ELSEVIER) 71-85, 22.07.2022. DOI: https://doi.org/10.1016/B978-0-323-99031-8.00004-1	ISBN: 978-03-23990-31-8
2.	Aquaculture Microbiology Ganguly A* , Chattaraj S, Ghosh T Microbiology and Immunology, Kripa Drishti Publications 1-10, 2022	ISBN: 978-93-90847-97-6
3.	Herbal Drug: A Natural Bioactive Formulation & its scope against Viral diseases Nad S, Mandal A, Das Mohapatra PK, Ganguly A* Hand Book of Agriculture & Plant Sciences; ABS Books 187-230, 2021.	ISBN: 978-93-91002-25-1
4.	School Sanitation and Hygiene: A Glimpse of Contemporary India Ganguly A , Dutta TK, Ganguly M, Roy S Health, Nutrition and Hygiene: The Dynamics of Social Ecology in India 5:197-207, 2016.	ISBN: 978-81-930138-1-6
5.	The Role of Probiotics in Aquaculture Ganguly A , Ganguly M A Diamond Collection of Research Articles, Prantar Publication 4:289-302. 2016.	ISBN: 978-81-928200-9-5

National / International seminars / conferences / workshop attended/ Paper presented:

Sl No	Name of Seminar / Workshop / Symposium & Sponsoring Agency	Venue	Duration	State/ National/ International	Nature of Participation
1.	International Seminar on “Pollution and Biosafety: Issues and Concerns”	Raja Rammohan Roy Mahavidyalya	3 rd Aug, 2022	International	Poster Presentation
2.	“International Research Conference on Recent Trends in Life Science” Sponsored by International Academy of Science and Research.	Sidho Kanho Birsha University	28 th to 29 th Nov, 2019	International	Poster Presentation
3.	“International Symposium on Microbial Technologies in Sustainable Development of Energy, Environment, Agriculture and Health”; by AMI.	Central University of Haryana	15 th to 18 th Nov, 2019	International	Poster Presentation
4.	“International Conference on Emerging Trends in Biotechnology” (ICETB); Sponsored by DBT, DST, MoES, NABARD, ICMR, CSIR, BARC, INSA, SBI.	Jawaharlal Nehru University	6 th to 9 th Nov, 2014	International	Poster Presentation
5.	“Celebrating International Year of Periodic Table” (IYPT); Sponsored by RSC, Indian chemical society.	Bankura Sammilani College	18 th to 19 th Mar, 2019.	National	Poster Presentation
6.	“Biodiversity Conservation and Bio-Resource Management: Benefitting Man and Nature”; Sponsored by West Bengal Biodiversity Board.	Bankura Sammilani College	11 th Dec, 2018	National	Poster Presentation
7.	“Perspective of Human health, Microbial Biotechnology and Innovation”; Sponsored by UGC.	Vidyasagar University	27 th to 29 th Mar, 2018	National	Paper Presentation
8.	“Science for sustainable Development” sponsored	Keshia Saroj	8 th September, 2017	State	Paper Presentation as

	by WB Higher Education, Science and Technology and Biotechnology.	Kumar High School			Key note speaker.
9.	“National Seminar on Microbial Biotechnology” (NSMB); sponsored by UGC.	Vidyasagar University	10 th to 11 th Mar, 2017	National	Paper Presentation
10.	National Level Seminar; Sponsored by UGC.	Sonamukhi College	5 th to 6 th Jan, 2017.	National	Paper Presentation
11.	National Level Seminar; Sponsored by UGC.	Vidyasagar University	29 th to 1 st Mar, 2016	National	Poster Presentation
12.	National Level Seminar; Sponsored by DST, UGC.	Vidyasagar University	23 rd to 24 th Mar, 2015.	National	Poster Presentation
13.	“Science in the 21st century for a sustainable future”	SKBU	12 th -13 th Feb, 2020	State	Paper Presentation
14.	“Importance of Eye donation, eye hygiene & allied public health issues” Sponsored by B.S. College, Family & Welfare Department of Govt. Of W.B.	Bankura Sammilani College	16 th Nov, 2017.	State	Paper Presentation
15.	“Rural Health Ecology: Issues of Public Health, Nutrition and Fluorosis.” Sponsored by B.S. College, Family & Welfare Department of Govt. Of W.B.	Bankura Sammilani College	11 th Jan, 2017.	State	Paper Presentation
16.	“Relevance of Swami Vivekananda in the present perspectives”; Sponsored by UGC.	Ramananda College	13 th Sep, 2018	International	Attended
17.	“Problems and prospects of coastal aquaculture and application of biotechnological tools for rural development”; sponsored by CSIR, DST, DBT and UGC.	Vidyasagar University	1 st to 3 rd Mar, 2013.	International	Attended.
18.	“Climate Change, Bioresource & Green Biotechnology”; Sponsored by Ministry of Earth Science, DST, DBT, UGC.	Vidyasagar University	12 th to 13 th Mar, 2014.	National	Attended.
19.	“Colonialism, Post colonialism and Beyond”; Sponsored by UGC.	Ramananda College	27 th to 28 th Sep, 2013.	National	Attended.

20.	“Non animal science Teaching and Research” ; Sponsored by UGC.	Vidyasagar University	31 st Mar, 2011	National	Attended.
21.	“Exploitation of Biofertilizers and Biopesticides for sustainable Development of Modern Agriculture” ; UGC.	Bankura Christian College	18 to 19 th Feb, 2011.	National	Attended.
22.	“Intellectual Property Rights”	Bankura Sammilani College	7 th Sep, 2019.	State	Attended.
23.	“Emerging Trends in Microbiology”	Bankura Sammilani College	9 th to 10 th Feb, 2016.	State	Attended.
24.	“Mushroom Cultivation & Production”	Bankura Christian College	20 th Dec, 2014	State	Attended.
25.	“National Integration in the perspective of Swami Vivekananda” ; Sponsored by UGC.	Panchmura Mahavidyala	22 nd to 23 rd Sep, 2011.	State	Attended.
26.	“Peoples Biodiversity Register” ; Sponsored by West Bengal Biodiversity Board.	Raghunathpur College	2 nd Feb, 2016.	State	Attended.
27.	“Recent trends in Chemical Sciences” ; Sponsored by Bankura Sammilani College.	Bankura Sammilani College	16 th July, 2015	State	Attended.

Sequences submitted to GenBank (NCBI):

1. **Ganguly, A., Mandal, A, and Das Mohapatra, P.K. (2016) *Lysinibacillus sphaericus* PKA17** 16s rRNA gene, partial sequence of 747 bp, Acc. No. KX580190.1. <http://www.ncbi.nlm.nih.gov>
2. **Ganguly, A., Mandal, A, and Das Mohapatra, P.K. (2016) *Bacillus cereus* PKA18** 16s rRNA gene, partial sequence of 677 bp, Acc. No. KX826079.1. <http://www.ncbi.nlm.nih.gov>
3. **Ganguly, A., Mandal, A, and Das Mohapatra, P.K. (2017) *Bacillus thuringiensis* PKA19** 16s rRNA gene, partial sequence of 1460 bp, Acc. No. MF139049.1. <http://www.ncbi.nlm.nih.gov>

Extension Work/Community Service:

- Organized and participated in the program of 'Prevention of Dengue, Malaria, Chikungunya and other vector-borne diseases'.
- Participated in the program of 'Drive against illiteracy' & 'Eradication of Polio'.

Innovations/Contributions in Teaching:

- Audio visual teaching aids like Computer & LCD projector are used for Power Point presentation in Hons. Classes.
- Assisted students in job orientation program through Career Counselling Cell of Bankura Sammilani College.
- Regular Class tests and practical examination for students.
- Regular on line Classes and examinations through college portal.
- Tutorial classes to discuss on questions.
- Remedial Teaching for slow-learners.
- Teaching in the scheme of 'Entry into the service' sponsored by U.G.C.
- Participating in field study tour or Excursion of Microbiology Hons. students since 2009.
- Participating & guiding Microbiology Hons. students in College Exhibition since 2009.
- Organized several international webinars.
- Organized training program on vermi-composting.
- Acted as Paper setter/Examiner/Scrutinizer/Internal Examiner/External Examiners of **Vidyasagar University, University of Burdwan, Sidho-Kanho-Birsha University, Kazi Nazrul University and Bankura University.**