

MGC QUEST JOURNAL
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JOURNAL OF MURLIDHAR GIRLS' COLLEGE FOR EDUCATIONAL RESEARCH



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Dr. Kinjalkini Biswas-Editor-in-Chief

Email: kinjalkinib@rediffmail.com

Dr. Biswas is a Ph.D in Chemistry from Analytical chemistry department, Jadavpur University, Kolkata, India. She specialised in solvent extraction of rare platinum group metals (RPGM) during her Ph.D research work. Thereafter she pursued her Post doctoral study at the Metallurgy and Nanomaterial Division, Jadavpur University, where she worked on Nanoparticle synthesis and its applications. Her research work is evidenced by an extensive amount of publication in the field of Inorganic chemistry. She has held several key administrative positions and responsibilities in the past and presently associates with Muralidhar Girls' College as the Principle and chairperson of IQAC of the college.



Dr. Priya K Gopal- Editor

Email: privagopal12@yahoo.in

She finished her B.Sc in Microbiology from Pune University, followed by M.Sc in Microbiology from Ballygunje Science College, University of Calcutta. Dr. Gopal acquired her Ph.D degree in Biotechnology from the Dept. Of Biotechnology, University Of Calcutta. Her specialisation is in Cancer Biology and she has extensively worked towards anti-cancer drug discovery from natural compounds. She is a published researcher with various national and international journal articles to her credit; her work has also made way into several chapters of some book series published by Springer Nature. Currently she associates with Muralidhar Girls' College as SACT-I lecturer at the Dept. Of Microbiology, where she has worked in establishing the Microbiology Department from scratch as the founding faculty member of the Department. Besides her day job, she is the co-founder of UinDhi, an organisation that aims to promote education through various lenses.



Rituparna Das - Joint Editor

Email: rituparna.das@muralidhargirlscollege.ac.in

Rituparna is currently affiliated to Muralidhar Girls' College as an Assistant Professor in the Department of English. She is also pursuing her PhD from the Department of English, Jadavpur University. She previously been a Sahapedia-UNESCO fellow in 2018, working on late nineteenth century Bengali cookbooks. She also has worked as an intern at the Jadavpur University Press (Publications) and later as a Project Assistant for the project titled, "Academic Publishing in India: Issues and Challenges" under the RUSA 2.0 scheme funded by the Ministry of Human Resource Development, Government of India which was conducted by the Jadavpur University Press (Publications). She completed her Master's and Bachelor's degree in English from Jadavpur University in 2016 and 2014, respectively.



MGC QUEST - TEAM OF SUB-EDITORS

Sl. No.	Name & Details	Email ID	Photo
1.	Dr. Sampriya Choudhury, Associate Professor, Dept. of Botany, Muralidhar Girls College	shampriya.c@gmail.com	
2.	Dr. Chandrakala Dutta, Associate Professor, Dept. of History, Muralidhar Girls College	chandrakaladutta.cd@gmail.com	
3.	Dr. Tinni Dutta, Assistant Professor, Dept. of Psychology, Muralidhar Girls College	tinnid@yahoo.com	

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Sl. No.	Name & Details	Email ID	Photo
4.	Dr. Manishankar Adhikary, Assistant Professor, Dept. of Bengali, Muralidhar Girls College	adhikary.mani.shankar@gmail.com	
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6.	Dr. Bandana Das, Assistant Professor, Dept. of Mathematics, Muralidhar Girls College	dr.bandanadas@rediffmail.com	

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Sl. No	Name & Details	Email ID	Photo
7.	Smt. Minakshi Lahiri, Assistant Professor, Dept. of Sanskrit, Muralidhar Girls College	minaxilahiri5@gmail.com	
8.	Sri Suraj Ali, SACT-II, Dept. of Physics, Muralidhar Girls College	surajali11664@gmail.com	
9.	Sri Bablu Samanta, SACT-II, Dept. of Geography, Muralidhar Girls College	bablu.samanta9@gmail.com	

MGC Quest- Advisory Board

Dr. Sampa Das

INSA Emiretus Scientist, Division of Plant Biology

Centenary Campus

Bose Institute, P-1/12 C.I.T. Scheme VII-M

Kolkata - 700054, India



sampadpb@gmail.com

Dr. Sampa Das is an Indian biotechnologist, scientist, and an expert on public sector agricultural biotechnology. She is a fellow of the Indian National Science Academy (FNA) and the National Academy of Sciences, India (FNASc). Currently, she is Senior Professor and Head of the Division of Plant Biology at Bose Institute in Kolkata, which is a multi-disciplinary research institution focused on science and technology. Working under the supervision of Prof S K Sen of Bose Institute, Sampa Das received her doctorate degree in 1981. Das has worked with national and international individuals studying the mechanisms of plant defence responses against pests and pathogens, with an aim to combat their stress. She did her post-doctoral training at the Friedrich Miescher Institute in Switzerland, where she became interested in plant transformation, including rice, mustard, and tomatoes.

Dr. Abhishek Sarkar

Professor, Department of English,
Jadavpur University, Kolkata-700032



abhishek.sarkar.2007@gmail.com



Dr. Abhishek Sarkar teaches English at Jadavpur University, Kolkata. His areas of specialization are the literatures and cultures of early modern England and colonial Bengal. He jointly co-ordinates a multimedia project for archiving the reception of Shakespeare in Bengal. He has received the Charles Wallace India Trust (CWIT) Fellowship for research-related travel in the UK. He has completed a state-funded minor research project on the reception of Lord Byron in colonial Bengal. He has been the principal investigator of a major research project entitled “The First World War and Bengali Self-Representation.” His articles have been published in *Multicultural Shakespeare*, *Actes des Congrès de la Société Française Shakespeare*, *Shakespeare Bulletin*, *The Byron Journal*, *Scottish Literary Review*, *South Asian Review*, *South Asian History and Culture*, *Literature Compass* and *American Notes and Queries*, apart from journals of leading Indian universities. He has presented research papers at the conferences of the Société Française Shakespeare, Asian Shakespeare Association, Shakespeare Association of America, British Shakespeare Association, European Shakespeare Research Association, Nineteenth-Century Studies Association, NeMLA, MAPACA, NEPCA, International Comparative Literature Association and American Comparative Literature Association.

Dr. Santanu Paul

Professor, Department of Botany; Centre of Advanced Study;

35, Ballygunge Circular Road; Kolkata: 700019



spaul_1971@yahoo.com



Dr. Santanu Paul currently serves as the Professor of Botany, University of Calcutta. He heads the “Laboratory of Cell & Molecular Biology”. Dr. completed his graduation from Krishnath College Berhampore followed by M.Sc in Botany from the Department of Botany, University of Calcutta. He pursued his Ph.D. from the prestigious CSIR-IICB, Kolkata, India. He received his post doctoral training from the Feinstein Institute of Medical Research New York, USA for a period of 3 yrs (2004-2007). Dr. Paul holds an extensive teaching experience of more than 20 years. He has been actively involved in biological research for over 24 years. His research involves deciphering the molecular mechanisms of apoptosis induction in cancer cells induced by novel bioactive compounds from medicinal plants, mushrooms, algae etc. His work also involves exploring the various underlying molecular mechanism and interactions of key biomolecules in the management of Diabetes Mellitus and Leishmaniasis.

Till date he has carried out several research grants funded by UGC, DST, DBT and also from Laury Strauss foundation USA in that order. He holds 55 research articles and 03 patents to his credit.

Dr. Alok K Sil

Professor, Department of Microbiology
University of Calcutta,
35, Ballygunge Circular Road, Kolkata-700019



alokksil7@gmail.com



Dr. Sil finished his graduation from the Narendrapur Ramakrishna Mission Residential College in Chemistry, and further joined the Biochemistry Dept. of the University of Calcutta for attain his M.Sc in Biochemistry. He was the recipient of National Scholarship, 1981 by Government of India Council of Scientific and Industrial Research Fellowship, 1989 by Government of India. He acquired his Ph.D. degree in Biochemistry from the Department Of Biochemistry, University of Calcutta. He then joined the prestigious Department of Pharmacology, University of California, for his post doctoral studies. Further he joined Department of Biochemistry and Molecular Biology, Pennsylvania State University, College of Medicine for another post doctoral work. In 2004 he returned to India and joined the University of Calcutta as the Assistant Professor of Microbiology. During his tenure at the Microbiology Department he has bagged and successfully run various Major Research Projects funded by some prime research funding bodies like DBT, DST, CSIR, DRDO and UGC. He has guided more than 08 students towards their successful completion of degrees and there are many continuing their thesis studies currently. His extensive and commendable research experience is evidenced by his list of publications in very high impact science journals, one of them being the prestigious “Nature” journal where his post doctoral work got published. He also has International/National patents to his credit. Presently he is serving as the Professor of Microbiology at University of Calcutta, India. His research interests include Chiral nanoparticle, Biocompatible gold nanoparticle; Mycobacteria, D-serine, L-serine.

Dr. Amlan Das

Associate Professor,
Department of Biochemistry,
Royal School of Bioscience,
The Assam Royal Global University,
NH-37, opp. Tirupati Balaji Temple,
Betkuchi, Guwahati, Assam- 781035






adas5@rgu.ac





Dr. Das obtained his Ph.D. degree in Biotechnology from the University Of Calcutta. He completed an extensive postdoctoral training of total 10 years later from the Ohio State University, thereafter from the University of Kansas, Medical Center respectively. He also bagged the prestigious D. S. Kothari Postdoctoral fellow in 2017 at the Department of Life Sciences and Biotechnology, Jadavpur University. Dr. Das holds profound experience in the domain of cell biology with more than ten years of experience in cancer biology and translational science and a strong record of research accomplishments, which is evidenced by an admirable list of publications with 47 full length research articles published in high impact factor international journals, 04 book chapters and 01 Indian patent. His research interests include Cancer Biology, Precision Medicine, Oxidative Stress, Nanotechnology and his publication spans through all of them. Apart from his substantial research work, Dr. Das holds a teaching experience of 03 years and is presently serving as Associate Professor of Biochemistry at The Assam Global University, Guwahati.

**MGC QUEST TEAM
COMMUNICATION CONTACT
DETAILS**

MGC QUEST EDITORIAL TEAM COMMUNICATION CONTACT DETAILS

Sl. No	Name	Designation	Email ID & Ph No.	Corresponding address	Photo
1.	Dr. Kinjalkini Biswas (Editor-in-Chief)	Principal, Muralidhar Girls' College	kinjalkinib@rediffmail.com 033-2464-1312	P-411/14, Gariahat Rd, Golpark, Hindustan Park, Ballygunge, Kolkata, West Bengal 700029	
2.	Dr. Priya K Gopal (Editor)	SACT-I, Dept. of Microbiology, Muralidhar Girls' College	priyagopal12@yahoo.in +91-9836546896	Department of Microbiology, Muralidhar Girls' College P-411/14, Gariahat Rd, Golpark, Hindustan Park, Ballygunge, Kolkata, West Bengal 700029	
3.	Ms. Rituparna Basak (Joint Editor)	Assistant Professor, Dept. of English, Muralidhar Girls' College	rituparna.das@muralidhargirlscollege.ac.in 7044315505	Department of English, Muralidhar Girls' College P-411/14, Gariahat Rd, Golpark, Hindustan Park, Ballygunge, Kolkata, West Bengal 700029	

MGC QUEST -ADVISORY TEAM COMMUNICATION CONTACT DETAILS

Sl. No	Name	Designation	Email ID & Ph No.	Corresponding address	Photo
1.	Dr. Sampa Das	INSA Honorary Scientist	sampadpb@gmail.com +91-33-25693251	Division of Plant Biology, Centenary Campus Bose Institute, P-1/12 C.I.T. Scheme VII-M Kolkata - 700054, India	
2.	Dr. Abhishek Sarkar	Professor	abhishek.sarkar.2007@gmail.com 91-33-24256926	Department of English, Jadavpur University, Kolkata-700032	
3.	Dr. Santanu Paul	Professor	spaul_1971@yahoo.com 9874192648	Department of Botany; Centre of Advanced Study; 35, Ballygunge Circular Road; Kolkata: 700019	

4.	Dr. Alok Kr Sil	Professor	alokksil7@gmail.com 919831836050	Department of Microbiology University of Calcutta, 35, Ballygunge Circular Road, Kolkata-700019	
5.	Dr. Amlan Das	Associate Professor	Adas5@rgu.ac +91 69130-02970	Department of Biochemistry, Royal School of Bioscience, The Assam Royal Global University, NH-37, opp. TirupatiBalaji Temple, Betkuchi, Guwahati, Assam- 781035	

PUBLISHER'S NAME & CONTACT DETAILS



International Publishing Centre

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