

## Derozio Memorial College

### Faculty Research Area

Sl. No.	Name	Designation	Department	Area of research for Doctoral / MPhil degree (for completed and / or pursuing)	Research interest area (for MRP / Post-doctoral / other similar academic activities)	Keywords related to the current research area(s)
1	Dr. Mahuya Bhaumik	Associate Professor	English	Modernism and T.S. Eliot	Cultural Studies, Dalit Literature, Partition Literature, Gender Studies	Dalit, Margin, Partition, Culture, Feminism, Bollywood
2	Avik Ranjan Roy	Assistant Professor	Commerce	Working Capital Management	N.A.	Passive Income
3	Dr. Ramaprasad Maiti	Assistant Professor	Electronics	Nanocomposite Multiferroic	Nanocomposite functional materials	Nanocomposite, Magneto dielectric, Magneto resistance, Nanoglass
4	Sampurna Roy	State Aided College Teacher I	Zoology	Entomological genetics	Molecular biology	Plant gall, Diptera( insect), chemical arm race, plant pathogen interaction, transcriptomics, VOCs
5	Dr. Inamul haque	Assistant Professor	Botany	Molecular biology	Molecular biology	Phylogenetics, Plant Biochemistry, Population genetics, Molecular pathology, Bioinformatics, liquid chromatography

6	Dr. Rajib Lahiri	Associate Professor	Commerce	Micro Finance	MSMEs, Accounting, Tax Law	Institutional Finance, MSMEs, Average Annual Growth Rate ( AAGR), Mirco Finance, Growth Rate, Venture Capital Financing
7	Dr Taritmoy Ghosh	Associate Professor	Philosophy	Philosophy of science (Ph.D), Philosophy of Language (M Phil)	N.A	N.A
8	Debasish Chatterjee	State Aided College Teacher II	Computer Science	MEG signal processing	Data Mining	Magnetoencephalography, Neural activity, Human connectome project, EEG, MRI
9	Dr.Anjona Chattopadhyay	Associate Professor	History	Biographical Study	Vivekananda,Suffism, Tribal History,Women's History,Environmental History	Women hood,New Women,Mahila Samities,Female infanticide,Purdah system,Sati system
10	Dr. Amit Kumar Nandi	State Aided College Teacher I	Bengali	Bengali Marriage Culture and Literature (Ph.D), After Partition Bengali Short Story of Both Bengal (M.Phil)	Comparative Literature, Bengali Literature & Culture, Rites & Rituals, Folk Culture, Ancient Indian Literature & Culture, Narratives, Mythology.	NA

11	Dr. Goutam Mukherjee	State Aided College Teacher I	Botany	Aquatic Plants as Bioindicators of Pond Water Quality (Ph.d.)	Post-doctoral topic: Phenoplasticity and Stress physiology of selected aquatic plant species	Nature study module, lyrics/rhythm of poems/songs, plant-environment interaction, metaphor, ecology, aesthetic botany.
12	Dr. Sanghamitra Dasgupta	Associate Professor	Philosophy	Vedanta Philosophy-- classical and contemporary	Indina Philosophy, Feminism, Environmental Ethics	Emancipation, personhood Vs individuality, logic of domination, eco- centrist Vs ego- centrist, woman's experience, dichotomization
13	Rina Das Banerjee	State Aided College Teacher II	Education	Personality psychology	Psychology	N A
14	Dr Rajatendu Banik	Assistant Professor	Zoology	Climate change and Vector borne disises.	Climate change and vector borne disises.	Climate change, Malaria, vector activity, Global worming,
15	Rajat Tamang	Assistant Professor	History	Environmental History (MPhil)	NA	Environment, Geo-polity, Colonialism, indigenous knowledge, conservation, sustainability
16	Dr. Papri Saha	Associate Professor	Computer Science	Quantum Information Science	Quantum Information Science	Machine learning, brain network, ADHD, graph theory, quantum entropy, QVC
17	Ria Munshi	State Aided College Teacher I	English	Dystopian Studies, Margaret Atwood (MPhil)	Gender Studies, North East Literature and Tribal Studies, Travel Literature	Gender Studies, Women Writing, North East Literature, Tribal studies, Travel Writing, Trauma Studies

18	Subarna Ghosh Samanta	Assistant Professor	Education	Elementary Eucation	Mental Health	NA
19	Dr. Goutam Chowdhury	Associate Professor	Mathematics	Fuzzy Automata	Fuzzy hypersemigroup	Hyperaction, Fuzzy hyperaction, Semihypergroup, Fuzzy semihypergroup, hypergroup, Fuzzy hypergrouup
20	Dr. Rajib Sarkar	Assistant Professor	Computer Science	Digital Signal Processing, Machine Learning	Biomedical Signal Processing, Non linear dynamics	Electrocardiogram signal processing, Magnetoencephalography signal processing, audio signal processing, emotion recognition, deep learning, pattern recognition
21	Dr Sashikanta Sarkar	State Aided College Teacher I	Bengali	Bangla chora	Folklorena	NA
22	Dr. Mrinal Sarkar	Assistant Professor	Chemistry	Synthesis, characterization and reactivity study of first-row transition metal complexes of multidentate ligands	Synthesis, characterization and reactivity study of first-row transition metal complexes of multidentate ligands	Synthesis, Characterization, Reactivity study, transition metal complexe, and Multidentate ligands
23	Ankita Ghosh	State Aided College Teacher I	Philosophy	MPhil(completed), Social Political Philosophy, PhD (pursuing)	Social & Political Philosophy & Existentialism	Subjectivity, socialism, Democracy, Justice, consciousness, existence

24	Dr. Chaitali Mukherjee	Associate Professor	Bengali	Rabindra Jibon O Sahitya	Women empowerment in literature	nineteenth century, Renaissance, brambho samaj, Santiniketan, Women education, cultural activities in ashram.
25	Dr. Alope pal	Associate Professor	Mathematics	Fluid mechanics	Numerical analysis	Number theory interpolation numerical differentiation and integration
26	Amitava Deb	Associate Professor	Political Science	Judicial activism in Environmental protection (M.Phil.)	NIL	NIL
27	Dr. Jatindranath Gain	Associate Professor	Physics	Electronics and Communication Engineering (ECE) in the Category Technology (Ph.D.)	Nanophotonics, Optoelectronics, Semiconductor Quantum well Devices, Quantum Computation & Vedanta Philosophy.	Nanophotonics, Quantum Transport, Transfer Matrix, Multiple Quantum Wells(MQWs), Fibonacci Series MQWs, Quantum Devices, Resonant Tunnelling and Vedanta Philosophy.
28	Suvamoy Konar	State Aided College Teacher II	Bengali	Pracheta Gupter Chotogalpo	NA	Pracheta Gupta, Nil aalor ful, Gopon bakso khulte nei, Doshi dhora porbei, Ascharjo pukur, Agun barir katha, Bachai kara prem

29	Dr. Saikat Mondal	Associate Professor	Bengali	Drama	Womens studies, Indian Journalism	Gender. Indian Media, Bengali Journalism, Reporting style, Advertisement
30	Dr. Avik Roy	Librarian	Library	Everyday Life Information Seeking (ELIS)	Quantum Information Retrieval; Attention Literacy etc.	Quantum mechanics, Attention, Attention literacy, Attention management, Attention economy, Quantum Information Retrieval
31	Dr.Soma Ray	Assistant Professor	Economics	Development Economics	Multidimensional Poverty in India and its' states; a panel data analysis on NFHS 1,2,3,4 & 5 Datasets	Multidimensional Poverty, Poverty Analysis, Panel Data Analysis, Poverty Measures, Inequality, FGT , Theil Index