

CURRICULUM VITAE

1. Personal Information

- ❖ Name: Sougata Karjee
- ❖ Designation: Assistant Professor
- ❖ Department: Mathematics
- ❖ Institution: Sukanta Mahavidyalaya
- ❖ Date of Joining: 20.04.2017
- ❖ Address for Correspondence:
Sukanta Mahavidyalaya
Dhupguri, Jalpaiguri, West Bengal
Pin-735210
- ❖ Nationality: Indian
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2. Past Experiences

Sl. No.	Designation	Institution	Address	Duration	
				From	To
1.	Assistant Teacher	Akhrarhat Kharikabari Jr. High School	Kharikabari,	29.07.2011	18.04.2017

3. Academic Qualifications

Degree	Subject/ Specialization	Institution	University	Year
NET	Mathematical Science	CSIR-HRDC	--	2011
M.Sc.	Mathematics	JU	JU	2011
B.Sc.	Mathematics	A.B.N.Seal College, Coochbehar	NBU	2009
B.Ed.	--	Falakata B.Ed. College	NSOU	2015

4. Publications

❖ Journal Articles :

1. S. Karjee, "Antibiotic Resistance: An upcoming Disaster in Global Health", Shodh Sanchar Bulletin, Vol.-10, Issue-39, Page-44-55, 2020, ISSN-2229-3620

❖ Book Chapters :

1. Dey, S., Mondal, T., Karjee, S., Samanta, P. (2024). Waste Management Towards Achieving Environmental Sustainability: Some Perspectives. In: Singh, P., Borthakur, A. (eds) Trash or Treasure. Springer, Cham. https://doi.org/10.1007/978-3-031-55131-4_8
2. S. Dey, A. R. Ghosh, M. Santra, S. Karjee, and P. Samanta, Electronic Wastes and Contamination of Air, in: S. Goswami, M. Choudhury and S. Agarwal (Eds.), *Electronic Waste: Impact on Health, Animals, and the Environment*, CRC Press, 2025, pp. 40-47.
3. Md Moniruzzaman, Sukhendu Dey, Hafiz Al-Asad, Sougata Karjee, Apurba Barman, Palas Samanta, Chapter 3 - Nurturing the lifeline: Exploring sustainable water resource management practices, Editor(s): Sushobhan Majumdar, Moharana Choudhury, Mika Sillanpää, In Science of Sustainable Systems, Advances in Hydrology, Elsevier, 2026, Pages 37-54, ISBN 9780443267772, <https://doi.org/10.1016/B978-0-443-26777-2.00003-X>.
4. Karjee, S., Dey, S., Barman, A., Ghosh, A.R., Samanta, P. (2026). Rainwater: Management and Storage. In: Souabi, S., Anouzla, A., Abdelazize, P.A.M. (eds) Water Economy in Industry. Springer, Cham. https://doi.org/10.1007/978-3-032-14545-1_5
5. Dey, S., Karjee, S., Barman, A., Ghosh, A.R., Samanta, P. (2026). Water Recycling in the Company. In: Souabi, S., Anouzla, A., Abdelazize, P.A.M. (eds) Water Economy in Industry. Springer, Cham. https://doi.org/10.1007/978-3-032-14545-1_24

5. Conferences/Seminars/Workshop:

Sl. No.	Title of the program	Level	Organizer	Venue	Date(s)	Role (Participated/ Presented/ Organised)	Title of the paper (if presented)
1	Workshop on Recent Changes in Assessment and Accreditation Methodology by NAAC: with Special Emphasis on Integration of ICT in HEIs	University Level	IQAC, Netaji Subhas Mahavidyalaya, Haldibari, Coochbehar, West Bengal	Netaji Subhas Mahavidyalaya, Haldibari, Coochbehar, West Bengal	15-16th February, 2018	Participated	—
2	One Day National Seminar on GENDER EQUALITY, WOMEN EMPOWERMENT AND STATE	National	Organized by: Department of Political Science and Department of Philosophy, Sukanta Mahavidyalaya, Dhupguri, Jalpaiguri in collaboration with Ananda Chandra College, Jalpaiguri	Sukanta Mahavidyalaya, Dhupguri, Jalpaiguri	28th March, 2018	Participated	—
3	One day State Level Seminar on THE LEGACY OF SCIENCE RESEARCH IN NORTH BEBGA AND RELAVANT ISSUES	State Level	IQAC, Sukanta Mahavidyalaya & North Bengal University Alumni Association	Sukanta Mahavidyalaya, Dhupguri, Jalpaiguri	30th January, 2019	Participated	—
4	Webinar on IMPACT OF COVID 19 ON HIGHER EDUCATION & A QUEST FOR POSSIBLE ALTERNATIVED	International	Sukanta Mahavidyalaya, Dhupguri, Jalpaiguri, West Bengal	—	22-24th June, 2020	Participated & Organised	—
5	One day Webinar on Recent Trends on COVID-19:		The Department of Mathematics & IQAC,	—	30th June, 2020	Participated	—

	Mathematical Modeling and their Social Impacts		Sir Gurudas Mahavidyalaya, Kolkata				
6	International Webinar on The Basic Concepts of Dharma and Religion in Relation to Eastern and Western Philosophy	International	IQAC & Dept. of Sanskrit, Barabazar B.T.M College, Purulia	—	4th July 2020	Participated	—
7	One day Webinar on Environmental Sustainability		Aurangabad and CSIR-National Environmental Engineering Research Institute, Nagpur	—	6th July, 2020	Participated	—
8	National Webinar on MATHEMATICS AND ITS APPLICATIONS	National	Chhotu Ram Arya College Sonapat	—	8th July, 2020	Participated	—
9	Three Days International Webinar on RECENT TRENDS IN PURE & APPLIED MATHEMATICS	International	Department of Mathematics, Raghunathpur College, Raghunathpur, Purulia	—	9-11th July, 2020	Participated	—
10	State level Webinar on ADMINISTRATIVE AFFAIRS THRUSTING UPON PROMOTION OF COLLEGE TEACHERS / LIBRARIANS UNDER CAS	State Level	Teachers' Council & IQAC, City College, 102/1, Raja Rammohan Sarani, Kolkata	—	11th July, 2020	Participated	—
11	One day National Webinar on NAAC RAF & UGC CAS	National	IQAC, Netaji Subhas Mahavidyalaya, Haldibari, Coochbehar, West Bengal	—	11th July, 2020	Participated	—
12	International Webinar on COVID-19 PANDEMIC AND ENVIRONMENT	International	The Department of Environmental Science in collaboration with the IQAC, S.R.Fatepuria College	—	12th July, 2020	Participated	—
13	One day Webinar on A CRITIQUE OF NATURAL RIGHTS AND HUMAN RIGHTS: IN THE LIGHT OF J. BENTHAM, E. BURKE AND T. PAINE	—	Department of Philosophy, Sovarani Memorial College and Kabi Joydeb Mahavidyalaya	—	15th July, 2020	Participated	—
14	Webinar on Assessment of the Impact of COVID-19 Pandemic on the Social Process around us	—	Department of Economics & IQAC, Berhampore College, West Bengal	—	15-16th July, 2020	Participated	—
15	one day National webinar on topic Introduction to Astronomy and Future Career Opportunities	National	ATAL BIHARI VAJPAYEE TRUST, BILASPUR CG	—	16th July, 2020	Participated	—
16	International Web Conference on CHALLENGES AND OPPORTUNITIES IN CHEMISTRY TOWARDS SUSTAINABLE ENVIRONMENTAL DEVELOPMENTS	International	Department of Chemistry, Bhairab Ganguly College and CSIR-National Environmental Engineering Institute, Nagpur	—	17-18th July, 2020	Participated	—
17	One-Day National Webinar on Looking Beyond COVID 19: A Plausible Rescue Plan	National	Department of Economics, Netaji Nagar College for Women, Kolkata	—	18th July, 2020	Participated	—
18	International Web Conference on Recent Advances in Nanoscience & Nanotechnology for High-end Applications (IWCRA-NHA-2020)	International	Department of Applied Science and Humanities, Assam University, Silchar	—	25-26th July, 2020	Participated	—

19	Two-Day International Webinar on ECONOMIC PRECIPITATION AND PANACEA FOR COVID-19	International	Vidyasagar Metropolitan College & Netaji Nagar College for Women	—	28-29th July, 2020	Participated	—
20	A National Webinar on EFFECTIVE E-LEARNING THROUGH MOODLE SYSTEM: An Opportunity to Learn in the Present Pandemic Challenge	National	Technical Committee, Sukanta Mahavidyalaya, Dhupguri, Jalpaiguri	—	7th August, 2020	Participated	—
21	Two Days National Seminar (Webinar) on PURE AND APPLIED MATHEMATICS	National	Department of Mathematics (UG & PG), Behala College, West Bengal	—	9-10th August, 2020	Participated	—
22	National-Level Webinar on Discipline Specific Elective (DSE) of Undergraduate Chemistry CBCS Syllabus	National	Department of Chemistry and IQAC of Surya Sen Mahavidyalaya & Department of Chemistry and IQAC of Siliguri College in Collaboration with UG Board of Studies in Chemistry, University of North Bengal	—	28th August, 2020	Participated	—
23	National Level Webinar on COVID-19: ECONOMIC AND POLITICAL CONNOTATIONS IN INDIA	National	Department of Economics, Sukanta Mahavidyalaya	—	30th August, 2020	Participated	—
24	National Level Webinar on Recent Trends in Applied Mathematics	National	Department of Mathematics & IQAC, Ramananda College, Bishnupur, Bankura, W.B.	—	16th September, 2020	Participated	—
25	Introductory Seminar on Astrophysics and Cosmology		IUCAA Centre for Astronomy Research and Development (ICARD), Physics Department, North Bengal University	—	16th September, 2020	Participated	—
26	Two-Day International Webinar on "Ekabingsha satabdite manab savyatar bipinnata: samaj-sahitye"	International	IQAC, Sukanta Mahavidyalaya, Dhupguri, Jalpaiguri	—	19-20 September, 2020	Participated	—
27	National level webinar on Himalayan Trekking Expedition-An Adventure	National	Deogiri Institute of Engineering and Management Studies, Aurangabad	—	20th September, 2020	Participated	—
28	Three-day International E-Workshop on THE FOUNDATIONS OF COLLEGE MATHEMATICS	International	The Department of Mathematics in collaboration with IQAC of Sovarani Memorial College, Howrah, WB & Saldiha College, Bankura, WB	—	21-23th September, 2020	Participated	—
29	National Webinar on Fit India Freedom Run	National	N.S.S. Unit-I & III of Sukanta Mahavidyalaya	—	30th September, 2020	Participated	—
30	State Level Webinar on CLIMATE CHANGE IMPACTS ON WATER RESOURCES	State Level	Department of Geography, Sukanta Mahavidyalaya, Dhupguri, Jalpaiguri	—	16th May, 2021	Participated	—
31	International Webinar on Artificial Intelligence & Data Science	International	Department of Software Development, B.Voc Studies & IQAC, Asutosh College, Kolkata	—	11-12th June, 2021	Participated	—

32	One Week Training Program on FUNDAMENTALS OF COMPUTATIONAL MATHEMATICS	—	Department of Mathematics, NIT Agartala Under Project Management NIT Agartala, STUTI, DST-India	Department of Mathematics, NIT Agartala	20-26th June, 2022	Participated	—
33	5 th Regional Science and Technology Congress, 2022-23	—	CBPBU & Department of Science and Technology and Biotechnology, Govt. of West Bengal	CBPBU	17-18 th January, 2023	Presented	Mathematics behind Encoding and Decoding of QR Code
34	Five Day's Workshop on Research Methodology and Research Practices	—	Department of Geography & IQAC, Sukanta Mahavidyalaya, Dhupguri, Jalpaiguri	Sukanta Mahavidyalaya, Dhupguri, Jalpaiguri	27-31 st August, 2024	Participated	—
35	2024 Sixth Doctoral Symposium on Intelligence Enabled Research (DoSIER-2024)	—	Sukanta Mahavidyalaya, Dhupguri India in association with Acuminous Research Foundation and in collaboration with Algebra University, Zagreb, Croatia	Sukanta Mahavidyalaya, Dhupguri, Jalpaiguri	28-19 th November, 2024	Participated	—
36	Intraday Workshop on Amelioration of Syllabi in the light of FYUGP	University Level	Council of Undergraduate Studies in collaboration with Office of the Inspector of Colleges	NBU	26 th March, 2025	Participated	—
37	Multidisciplinary International Seminar on "Education 4.0: Navigate the Future of Learning in A Technologically Driven World" (Education 4.0: NFLTDW 2025)	International	IQAC, Indira Gandhi College, Boitamari, Bongaigaon, Assam in association with Bhargava Foundation for Research and Education, Dhanbad, Jharkhand	Indira Gandhi College, Boitamari, Bongaigaon, Assam	13-14 th September, 2025	Presented	CO-PO Attainment Calculation based on the University Examination Result: Percentage Model
38	One Day National Seminar on Re-reading the Study of Research of the Indian History and the History of North Bengal	National	Dept. of History, Sukanta Mahavidyalaya in collaboration with Bangiya Itihas Samiti, Kolkata	Sukanta Mahavidyalaya, Dhupguri, Jalpaiguri	15 th November, 2025	Participated	—
39	ICSSER Sponsored Multidisciplinary National Conference on Digital Transformation in Higher Education: ICT Tools, E-Content, Development and MOOCs for Teaching Learning	National	Birjhora Kanya Mahavidyalaya, Bongaigaon, Assam in association with BHAGYASHREE Foundation for Academic Research and Development, Dhanbad, Jharkhand	Birjhora Kanya Mahavidyalaya, Bongaigaon, Assam	13-14 th December, 2025	Presented	Antibiotic Resistance: A Global Threat on Health

6. FIP/FDP/RC/Short Term Course/Any others:

Sl. No.	Title	Organizer	Venue	Duration		Mode (Online/offline/hybrid)
				From	To	
1	6 th Faculty Induction Programme	NBU	—	15 th November, 2021	15 th December, 2021	Online
2	Refreshers Course on Recent Advancement of Materials Science & Technology	NBU	—	9 th November, 2022	23 rd November, 2022	Online

7. Invited Lecture/Resource Person / Resource Person Chair:

Sl. No.	Title of the program	Level	Organizer	Venue	Date(s)	Topic	Mode
1	Special Camping Program: 2021-22	—	NSS Unit, Sukanta Mahavidyalaya	Sukanta Mahavidyalaya	24 th March, 2022	Magic of Science	Physical
2	Special Camping Program: 2022-23	—	NSS Unit, Sukanta Mahavidyalaya	Sukanta Mahavidyalaya	25 th March, 2023	Digital Literacy	Physical
3	BRSI'S "Biotechnology Popularization and Skill Development Program	—	Department of Environmental Science & IQAC, Sukanta Mahavidyalaya	Sukanta Mahavidyalaya	15 th July, 2025	Antibiotic Resistance: A Global Threat on Health	Physical
4	National Science Day Seminar on "Science, Scientific Temper, and Modern India: Challenges and Prospects"	—	IQAC & Department of Geography, Sitalkuchi College, Coochbehar	Sitalkuchi College, Coochbehar	28 th February, 2026	Knowledge & Science Thinking: Evolution and Present Context	Physical

8. Administrative/Academic Responsibilities:

❖ Membership of Administrative/Academic Sub-committees:

Sl. No.	Body/Sub-committee	Role	Duration	
			From	To
1	Anti Women Harassment Cell	Member	26.06.2018	22.02.2022
2	Exam Sub-Committee	Member	2018	01.03.2019
3	Library Sub-Committee	Member	27.07.2017	11.11.2019
4	Tournament Organizing Committee: Refresher Committee	Member	29.01.2019	31.01.2019
5	Admission Sub-Committee	Member	XX.XX.2019	14.07.2020
6	Sports Sub-Committee	Member	XX.XX.2019	.XX.XX.2019
7	Internal Complaint Committee	Convener	22.10.2019	14.03.2023
8	Committee For the Inter College Games and Sports 2019-20	Member	2020	05.02.2020
9	Admission Sub-Committee	Member	14.07.2020	15.01.2022
10	Committee For Annual Athletic Meet 2019-20	Member	2020	24.02.2020
11	Green Audit Committee	Member	20.08.2021	Till Date
12	Cultural Sub-Committee	Member	15.10.2020	15.01.2022
13	Students' Week Observation Committee	Member	01.01.2022	07.01.2022
14	Admission Sub-Committee	Member	15.01.2022	24.11.2023
15	IQAC	Member	22.12.2021	XX.XX.2025
16	Green Audit Team	Member	17.09.2020	20.08.2021
17	NAAC Steering Committee	Member	03.08.2022	XX.XX.2025
18	Technical Committee	Convener	17.11.2022	Till Date
19	Admission Sub-Committee	Convener	24.11.2023	Till Date

20	Recruitment Exam. Conduct Committee	Member	24.11.2023	Till Date
21	Service Book Preparation Committee	Member	07.02.2024	11.09.2025
22	Departmental In-charge	—	27.06.2024	08.07.2026
23	45th Foundation Day Celebration Committee	Member	04.09.2025	XX.XX.2025
24	Service Book Committee	Member	11.09.2025	Till Date
25	Committee For Inter College State Games & Sports (District Level Championship 2025-26)	Member	20.12.2025	XX.XX.2025
26	Committee For Annual Sports Athletics Meets	Member	17.02.2026	XX.XX.2026
27	WBHS Committee	Member	10.03.2026	Till Date
28	Library Committee	Member	13.03.2025	Till Date
29	Editorial Assistance, Humanity and Nature	Editorial Assistance	2026	Till Date

9. Membership of Professional/Social Bodies

❖ Membership in professional/Social:

Sl. No.	Professional/Social bodies	Membership Type	Membership No. (Optional)	Duration	
				From	To
1	Khagrabari Netaji Subhas Databya Chikitsalaya (KNSDC)	Life Member	—	2023	Till Date

10. Skills

- ❖ Programming Languages: C
- ❖ Software: Matlab, Mathematica

11. Research Interests

- ❖ Applied Mathematics

Declaration

I do hereby declare that the information provided above are true and correct to the best of my knowledge and belief.

Place: Coochbehar

Date: 23rd July, 2026

Signature

(Sougata Karjee)