

CV: Sourav Majumder

PERSONAL INFORMATION

NAME: DR.SOURAV MAJUMDER

DESIGNATION: SACT I

(STATE AIDED COLLEGE TEACHER I)

DEPARTMENT: CHEMISTRY

AFFILIATION: Kaliachak College, Sultanganj, Malda, affiliated to UGB

DATE OF JOINING: 03/11/2008

EXPERIENCE: 16YEARS



PERMANENT ADDRESS

SARBAMANGALAPALLY, MALDA, WEST BENGAL, PIN-732101

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ACADEMIC QUALIFICATION

Sl No	Exam Passed	Board/University	Institution	Year Of Passing	%
1	MP	WBBSE	Ramakrishna Mission Vivekananda Vidya Mandir	1999	80
2	HS	WBCHSE	Akrurmoni Coronation Institution	2001	70
3	B.Sc	NBU	MaldaCollege	2005	50
4	M.Sc	CSJMU	University Department Of Chemistry,Csjmu	2008	70
5	B.ED	NBU	Satish B.Ed College	2009	65
6	DIPLOMA IN INFORMATION TECHNOLOGY	DEPARTMENT OF YOUTH SERVICE, GOVT OF WB	Malda Head Office	2009	84
7	TEACHER'S ELIGIBILITY TEST	WBSSC	WEST BENGAL SCHOOL SERVICE COMMISSION	2011	69
8	PhD	T.M.B.U	UNIVERSITY DEPARTMENT OF CHEMISTRY,TMBU	2020	
9	STATE ELIGIBILITY TEST(SET)	WBCSC	WEST BENGAL COLLEGE SERVICE COMMISSION	2024	

SPECIALIZATION

ORGANIC- MEDICINAL CHEMISTRY & SOIL-CHEMISTRY

PREVIOUS WORK FIELD

Sl No	Institution
1	Assistant Teacher ,The St.Xavier's School,Malda

OP/RC/STC/WORKSHOP ATTEND

SLNO	NAME OF THE COURSE/SUMMER SCHOOL	VENUE	SPONSORER	DATE
1	Faculty Development Program on Emerging Technologies	Department of Information Technology, Dr. B.C. Roy Engineering College Durgapur, West Bengal, India	National Institute of Technology Durgapur, West Bengal, India	8th March to 12th March 2022
2	TWO WEEK FACULTY DEVELOPMENT COURSE IN CHEMICAL SCIENCES	Teaching Learning Centre,Ramanujan College in collaboration with IQAC,Miranda House, University of Delhi	Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of Ministry of Education.	01-15 February 2022
3	Refresher Course /Faculty Development Programme	Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsha College, University Of Delhi	Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of Ministry of Education.	25th February to 03rd March 2021
4	Short-Term Course	Kaliachak College, Sultanganj, Malda	ONLINE TRAINING PROGRAMME ON THE THEME ONLINE TEACHING/LEARNING/EVALUTION ORGANIZED BY CAEM AT THE UGC, HRDC, ALIGARH MUSLIM UNIVERSITY, ALIGARH	24TH MARCH 2021 TO 31 ST MARCH 2021
5	Short-Term Course	Kaliachak College, Sultanganj, Malda	SHORT TERM COURSE CENTER OF ACADEMIC LEADERSHIP AND EDUCATION MANAGEMENT, ALIGARH MUSLIM UNIVERSITY, ALIGARH	26TH APRIL TO 02 MAY, 2019
6	Short-Term Course	Kaliachak College, Sultanganj, Malda	SHORT TERM COURSE ON GENDER EQUALITY, CENTER FOR ACADEMIC LEADERSHIP AND EDUCATION MANAGEMENT UNDER THE SCHEME OF PANDIT MODON MOHON MALAVIYA NATIONAL MISSION ON TEACHERS AND TRAINING	26TH MAY 2016 TO 01 JUNE 2016

Doctoral Dissertation

Title of Thesis	Studies on Characterization and Chemical Kinetics for the Removal of Arsenic, Cancer Causing Hexavalent Chromium, Manganese, Fluorine by Jharkhand Hazaribag Bentonites and their Derivatives
Supervisor	Dr. Ashok Kr Jha Associate Professor Department of Chemistry T. M. Bhagalpur University, Bhagalpur
Co-Supervisor	Dr. Pranita Assistant Professor P.G. Department of Chemistry V.B. University Hazaribag-825301
About the theme	<p>A detailed survey of literature on Bentonites consisting major part of montmorillonite of smectite group of mineral of several countries of the world along with Indian Bentonites of Rajasthan, Orissa, Bengal etc. along with scanty literature available for bentonites of Bihar and Jharkhand but having vast deposits which suffered researches for their commercial and economic exploitation by simple comment of not good quality bentonites picked up from nearby Eastern loop line Railway leading to Howrah, Calcutta from Sahebganj by some chemists of Geological Survey of India, Calcutta. The recent advances on the studies of bentonites of Rajmahal Hills including that of districts of Sahebganj, Pakur, Godda, and Dumka by a group of research leadership of Dr. Bivekanand Mishra now Rtd. Professor and Head, Deptt. Of Chemistry, T.M. Bhagalpur University, Bhagalpur attracted the attention of the author for exploiting the physico chemical characterization with commercial viability of vast deposits of Hazaribag Bentonites never studied earlier.</p> <p>Hazaribag is the most important district Headquarters after Ranchi capital district of the state Jharkhand which is surrounded by Hills, vallies and deep woods with several beautiful natural waterfalls with natural comfortable weather throughout the year revealed from primary survey in surrounded by vast deposits of Bentonite Hills and locations and may prove to be a good centres for added economy of Jharkhand in addition to other mineral deposits. The poor and downtrodden population of Jharkhand having no alternative left is habitual of drinking polluted water giving rise to several diseases from the very childhood. In view of the fact, the author has aimed to study to provide pure potable water by using natural resources of bentonites of Hazaribag belt of Jharkhand with an aim of establishing commercial viability to add to economic upliftment of Jharkhand.</p>

PUBLICATION

SL NO	National/ International	Title of Publication (Article/chapter/book/Edited book)	Title of the Journal
1	UGC CARE LISTED INTERNATIONAL	Removal of Fluoride from aqueous medium by using low cost Bentonite of Rajmahal and Hazaribagh, Jharkhand	Indian Journal. Environmental Protection
2	International	Removal of Cr and Mn from aqueous medium using bentonites and their derivatives	Springer. Chem. Sci. (2020) 132:135 Indian Academy Of Sciences
3	International	“Kinetic and Adsorption study for removal of Arsenic from aqueous medium by using low cost Bentonite of Rajmahal Hills and Hazaribagh, Jharkhand” has been accepted for publication in the journal Nature, Environment and Pollution Technology	Nature Environment And Pollution Technology
4	International	Powdered X-ray diffraction, FTIR, TGA and DTA studies of montmorillonite derivatives	Elsevier: Journal Of Indian Chemical Society
5	International	Studies of Modified bentonite for Removal of Cr(vi) from Aqueous Medium	Eco. Env. & Cons. 28 (December Suppl. Issue) : 2022;
6	International	Adsorption and Kinetic Study of Rajmahal & Hazaribagh Bentonite	Journal of Emerging Technology and Innovative Research
7	International	Characterization of montmorillonite Minerals	Journal of Emerging Technology and Innovative Research
8	International	Soil and Clay Minerals of Hazaribagh: Applications and Scope in Industries	International Journal of Research and Analytical Review
9	International	Status of Groundwater Arsenic Contamination in Malda District, West Bengal, India	International Journal of Scientific and Industrial Research
10	International	Studies on concentration of Arsenic (III) and Chromium (VI) in ground water resources of Naugachia region	Journal of Emerging Technology and Innovative Research
11	International	Phyto remediation of As(III) with Green Dub and Orange Yolk	International Journal of Recent Scientific Research
12	International	Geochemical Assessment along the Ganges River of Bhagalpur and Konar River Dam in Hazaribagh	International Journal of Research and Analytical Review
13	International	Cadmium (II) Removal by Cynodon Dactylon and Orange Peel Powder from Aqueous Medium by Adsorption	Science Academique
14	International	Adsorptive study of lead (II) by Azolla Microfilla	International Journal of Research in Engineering and Science (IJRES)
15	International	Arsenic Mitigation by Natural Resources	Acta Scientific Agriculture (ISSN: 2581-365x)
16	National	COVID19:CRISIS OF THE WORLD	Jalchintan ISSN 2321-5051
17	National	Green Chemistry and Sustainable Development	ISBN: 978-81-936812-0-6
18	National	Contribution of Women Scientist In Global Development	Novelty & Co
19	National	ARSENIC CONTAMINATION IN KALIACHAK BLOCK I	Jalchintan, ISSN 2321-5011
20	National	FLUORIDE	Horizon Books ISBN -978-81-950968-2-4
21	International	Geochemical mobilization of Arsenic, Chromium and Uranium in Gangetic Plain of Bihar and Jharkhand	International Journal of Chemical and Biochemical Sciences(ISSN 2226-9614)

PAPER PRESENTER IN SEMINAR AND WORKSHOP

SLNO	Date	Level: International/National/ Regional/Local/Institutional	Programme Participated
1	24-25 January ,2017	National	Impact of Information Technology on Chemical Science
2	27 th March 2017	National	National Seminar on Contribution of Women Scientists in National Development
3	22-23 rd July 2017	West Bengal Bigyan Mancha	Workshop on Brain: Structure, Function and Disorder
4	11-12 December 2017	National	International Seminar on Moral Values and Ethics in Social Life
5	26-27 Feb 2018	National	Two Day National Workshop
6	17-18 March,2018	National	National Seminar on Green Chemistry & Sustainable Development
7	21 rd June 2018	West Bengal .Govt	Guide Teacher in State Level Scientific Model Exhibition for Under Graduate Level
8	2-3 rd August ,2018	International	Recent Advances in Molecules and Materials
9	8-9 th December,2018	National	National Conference on Biotechnological Initiatives for Crop Improvement(Bici-2018)
10	28-30 December 2018	International	Recent Advances on Chemical Sciences and Allied Areas(Racs2a-2018) &55th Annual Convention of Chemists 2018
11	4th March 2019	International	Social Changes in the Present Era and Beyond: Local to Global Context
12	2-3 August 2019	International	International Symposium on Celebration of International Year of Periodic Table
13	14 th September 2019	National	National Seminar On Relevance Of Periodic Table In Innovative Research And Chemical Education
14	12th June 2020	Webinar	Genome imaging of head and neck solid tumors: oropharyngeal,tongue and thyroid cancers
15	18 th June 2020	Webinar	Flexible working-Building a Better Chemistry Culture
16	August 24,2020	Webinar	How to Boost Immunity Against COVID 19
17	2-3,8,15,22 and 29 th August 2020	International	RACMS-2020 in collaboration with American Chemical Society
18	15 -19 February 2021.	International	5 Day Webinar series on Concept Of Green Chemistry: Basic To Advanced
19	24 March 2021 to 31 March 2021	National	Online Training Programme on Academic Leadership
20	28 th February.2022	National	Recent Trends in Chemical Society ,ICS ,Bhagalpur Chapter
21	3-4 th February 2023	National	Chemistry of the Environment and Salvation of Human Civilization
22	9-10 th February 2024	International	Recent Trends in Chemistry for sustainable Future

ARRANGEMENT OF SEMINAR/WORKSHOP

Sl No	NAME OF THE SEMINAR	ORGANISING AGENCY	DATE	ROLE
1	Impact of COVID-19 on Society and Education: Ways to Overcome	Department of Chemistry & Zoology	7 TH AUGUST 2022	Convener
2	Awareness Programme cum Seminar on Electrical Waste Management	Waste Management Committee Kaliachak College	27 th September 2022	Convener

Administrative Works in College & University

Sl No	TASKPERFORMED	SPONSORING AGENCY	DURATION/ YEAR
1	CONVENOR & CHIEF EXAMINER OF ISC CHEMISTRY,SILIGURI CENTRE	ICSE COUNCIL,NEW DELHI	2016-2018
2	HONORABLE MEMBER OF VISITING TEAM ,UNIVERSITY OF GOUR BANGA	CONTROLLER OF EXAMINATION, UNIVERSITY OF GOUR BANGA	16/06/2014-28/07/2014
3	MEMBER OF EXAMINATION COMMITTEE	KALIACHAK COLLEGE	2014-2015
4	DEPUTY CONVENOR OF EXAMINATION COMMITTEE	KALIACHAK COLLEGE	2020 TO TILL DATE
5	MEMBER OF BOARD OF STUDIES	UNIVERSITY OF GOUR BANGA	2018-2019
6	MEMBER OF CONSTRUCTION COMMITTEE	KALIACHAK COLLEGE	2020 TO TILL DATE
7	MEMBER OF RESOURCE MANAGEMENT COMMITTEE	KALIACHAK COLLEGE	2020 TO TILL DATE
8	MEMBER NAAC SSR COMMITTEE	IQAC KALIACHAK COLLEGE	2021 TO TILL DATE

Award/Achievement

SL.NO	Award/Achievement	Awarding University/Institution/Inc etc
1	Appointed as a reviewer for the South Asian Journal of Research in Microbiology	Editorial Team of South Asian Journal of Research in Microbiology
2	Appointed as a reviewer for the Asian Journal of Research	Editorial Team of Asian Journal of Research
3	Appointed ad RMS member of International Journal of Research and analytical reviews	Editorial Team of International Journal of Research and analytical reviews
4	Nominated as Member of Editorial Team of Multidisciplinary peer reviewed journal of Science Jalchintan	ICS,BHAGALPUR CHAPTER
5	Elected as a Fellow of the Indian Chemical Society	ICS,KOLKATA
6	Best Outstanding Researcher National Award 2021	KAMARAJAR INSTITUTE OF EDUCATION AND RESEARCH

7	Council Member of INDIAN CHEMICAL SOCIETY, Bhagalpur Chapter	EDITORIAL TEAM, ICS, BHAGALPUR CHAPTER
8	Best Faculty Award National Award 2023	International Conference for Award Winners in Engineering, Science and Medicine

Recently published contributed volume

Book Title: Fluoride

Ashok Kumar Jha and Sourav Majumder (Editors)

Brief information about the edited book, edited by Dr. Ashok Kumar Jha & Dr. Sourav Majumder

- Today major problem of the world is environmental pollution. So this book tells us how to minimize the effect of Fluoride contamination in ground water.
- This book deals with various instrumental techniques to minimize fluoride contamination and its adverse health effects.
- Defluoridation is the most vital aspect of this book

