

AZAD HIND FOUZ SMRITI MAHAVIDYALAYA

DOMJUR, HOWRAH

FACULTY PROFILE

1. Name: Dr. H. M. Kutub Uddin
2. Designation: Assistant Professor – Stage II
3. Department: Geography
4. Contact Details:
 - a. Email (personal/departmental): hmkuddin@gmail.com
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 - b. Google Scholar Link: [Dr. H M Kutub Uddin](#)
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 - e. You Tube Channel Link:
 - i. YouTube 1: [QGEO](#)
 - ii. YouTube 2: [Anko Alo](#)
 - f. Personal Blog Link: theqgeo.com (The science of mapping the future)



5. Date of joining the college: 19.05.2017

6. Teaching Experience:

Sl. No.	UG/ PG	University/ College	Period in Years
1	UG	Azad Hind Fouz Smriti Mahavidyalaya	From 2017 till date
2	Past Experience	Served as an Assistant Teacher at Monirtat Raymoni Institution, South 24- Parganas on and from 03.11.97 to 07.12.98.	19 years 6 months 15 days
		Served as an Assistant Teacher at Diamond Harbour High School (H.S.), South 24 Parganas from 08.12. 98 to 19.08.14.	
		Served as Headmaster at Dakshin Barasat Sibdas Acharya High School (H.S.), South 24 Parganas on and from 20.08.14 to 18.05.17.	

7. Educational Qualification:

Sl. No.	Degree/ Qualification	University/ College	Class/ Division
1	PhD	“Appraisal of land reclamation on agricultural at South-West Sundarban, West Bengal” in Viswa-Bharati W.B.	-
2	M. Phil.	-	-
3	M.Sc.	University of Calcutta	First
4	B.Sc.	University of Calcutta	First
5	NET/ SLET	UGC-NET and West Bengal – SLET	-
6	Applied GIS & RS	Jadavpur University	First

8. Research Interests:

- a. GIS & RS Analysis
- b. Environmental Issues
- c. Green city planning

9. Research Projects (Ongoing and Completed):

Sl. No.	Name of Project	Granting authority	Period	Grant Amount

10. Awards and Scholarships:

- a. National Scholarship, 1994

11. College Responsibilities:

Sl. No.	Position held	Period
1	Head, Department of Geography	2017 till date
2	Convenor, Admission Committee	2018 till date
3	Help Desk Officer, WB Students’ Credit Card Scheme	2021 till date
4	Convener, <i>Banglar Uchchashiksha</i> (Department of Higher Education, Government of West Bengal)	2022 till date

12. List of Publications:

Sl. No.	Name of Book/Article	Publication Details	ISBN	Date of Publication
1	Book: <i>Impact of natural calamities on agriculture reclaimed land Sundarban.</i>	Acb Publication, Kolkata.	ISBN 81: 87500-73-5	1.1.2013
2	Book: <i>Remote Sensing, GIS and QGIS: Concept and Application.</i>	Kalyani Publishes, Kolkata & Delhi.	ISBN: 978-93- 5540-152-6	1.1.2021
3	Article: “Search for an alternative to protect the river embankment from the cyclonic and tidal surges in Sundarbans: A case Study”. Pages: 119-136.	Journal: <i>Geographical Review of India.</i> Vol. 84, Nos. 1 & 2.	ISSN: 0375-6386	March & June 2022
4	Article: “Coastal Vulnerability Index and its application to protect the River Embankment from the Cyclonic Tidal Surges in Sundarban, West Bengal, India”. Pages: 38-46.	Journal: <i>Indian Journal of Spatial Science.</i> Vol. 13.	ISSN: 2249- 3921 E-ISSN: 2249 - 4316	21.6.2022
5	Article: “Social Area Analysis for Sustainable Urban Planning and slum management: Case Study of Baruipur Municipality, West Bengal, India”. Pages: 1859-1865.	Journal: <i>International Journal of All Research Education & Scientific Methods (IJARESM).</i> Vol.10 Issue 4.	ISSN: 2455-6211	4.4.2022
6	Article: “Social Area Analysis for Sustainable Urban Planning: Case Study of Diamond Harbour Municipality, West Bengal, India”. Pages: 154-163	Journal: <i>International Journal of All Research Education & Scientific Methods (IJARESM).</i> Vol. 9 Issue 11.	ISSN: 2455-6211	1.11.2021

7	Article: “Increasing impact of Natural Calamities on Agricultural: A case Study of reclaimed land of South west Sundarban, West Bengal”. Pages: 227-236.	Journal: <i>Indian Journal of Landscape System and Ecological Studies</i> . Vol.35 Issue 2.	ISSN: 0971-4170	1.12.2012
8	Article: “Land reclamation impact on agriculture in South-West Sundarban, West Bengal: A case study”. Pages: 443-454.	Journal: <i>Indian Journal of Landscape System and Ecological Studies</i> . Vol. 34 Issue 1.	ISSN: 0971-4170	1.6.2011
9	Article: “Nayachor ekti jega otha swapno chor”. Pages: 37-39.	Journal: <i>Shikswa o Sahityo (Teachers Journal)</i> . Vol. 77 Issue 1.	SSRM/KOL /RMS/WB/ RNP-225/ 2007	1.1.2008

13. Seminars:

Sl. No.	Name of Seminar with date(s)	Organizing authority	Level: International/ National/ State/ University/ College	Name of Paper presented
1	International Seminar on <i>Rural Development In India: Contemporary Reflection</i> . Dates: 26- 27 April, 2018.	Department of Geography, Rabindra Bharati University.	International	“Life struggle against the nature: A case study of the villages within the buffer area of Sundarban”.
2	International Seminar on <i>Role of Audio Visual Media in Teaching and Learning Higher Education</i> . Dates: 14-15 February, 2018.	Department of Geography, Rabindra Bharati University.	International	“Impact of modern technology in teaching learning process in Geography”.

3	State Level Seminar on <i>Teaching of Modern Geography: Issues and Challenges</i> . Date: 16 January, 2016.	Department of Geography, Visva-Bharati.	State	“Use of modern Technology for teaching Geography”.
4	UGC Sponsored State level Seminar on <i>Geographical Appraisal of The City of Joy’s Environmental Wellbeing</i> . Dates: 17-18 January, 2012.	Department of Geography, Sarsuna College, Kolkata.	State	Participant
5	UGC Sponsored National Seminar on <i>Community Awareness in Sundarban: Combat Physical and Social Hazards</i> . Dates: 20-21 January, 2012.	Department of Geography, Raidighi College, South 24 Parganas.	National	“Natural calamities and livelihood of Sundarban: A case study”.
6	National Seminar on <i>Emerging Issues in Geography</i> . Dates: 20-21 March, 2010.	Department of Geography, Visva-Bharati.	National	“Appraisal of Land reclamation for agriculture in South-West Sundarban, West Bengal: A case study”.
7	International Conference on <i>Environment, Resource and Regional Development</i> . Dates: 8-9 March, 2010	Department of Geography, Burdwan University	International	“Impact of Natural Calamities on Agricultural: A case Study of reclaimed land of South west Sundarbans, West Bengal”.

14. Invited Lectures:

Sl. No.	Topic of Lecture	Organizing authority	Level: International / National/ State/ University/ College	Date(s)	Online/ Offline
1	Delivered lectures on last 2 days in a 4 day Virtual Workshop on <i>GIS & RS by QGIS</i> .	Department of Geography, Serampore College, Hooghly.	National	25-28 Oct. 2021	Online
2	Esteemed Invitee speaker in a State level Webinar Series on <i>Geography in the Contemporary World</i> .	Department of Geography, Raidighi College & Vhugol O Paribesh & the Geographical Society of Sundarban.	State	16 Sep. 2020	Online
3	Delivered lecture in National Children's Science Congress on <i>Land resource: Use for prosperity, Save for prosperity As a Guide to the child Scientist</i> in State level Congress	National Council for Science & Technology Communication, Department of Science & Technology, Government of India.	National	3-6 Nov. 2011	Offline

15. Webinars:

Sl. No.	Name of Webinar with date(s)	Organizing authority	Level: Internal/ National/ State/ University/ College	Name of Paper presented
1	<i>Inclusive Urbanism & Green Technology</i> . Dates: 23-24 August, 2021	CUBE of SAIARD & Smart City Mission, Ministry of Urban Affairs, Government of India.	National	Participant

2	<i>Vice Chancellor's Round Table on The Future of Higher Education in New Era.</i> Date: 1 August, 2020.	Globsyn Business School, Kolkata.	National	Participant
3	<i>Increasing Frequency of Tropical Cyclone and its Impact on Coastal Bengal.</i> Date: 20 July, 2020.	Department of Geography, Saheed Anurup Chandra Mahavidyalaya, South 24 Parganas.	National	Participant
4	<i>Climatic Hazards & Resilience.</i> Date: 18 July, 2020.	Department of Geography & IQAC, Sree Chaitanya College, Habra.	National	Participant
5	<i>Issues on Minorities and Dalits in Contemporary India.</i> Date: 7 July, 2020.	IQAC of Dewan Abdul Gani College, Dakshin Dinajpur.	National	Participant
6	<i>Impact of Cyclonic Disturbance on the coastal area of Odisha & W.B.</i> Date: 11 July, 2020.	Department of Geography & IQAC, Prasanta Chandra Mahalanobis Mahavidyalaya, Kolkata.	National	Participant

16. Workshops:

Sl. No.	Name of Workshop with date(s)	Organizing authority	Level: Internal/ National/ State/ University/ College	Attended/ Conducted	Online/ Offline
1	One-day University Level Virtual Workshop on <i>UG-CBCS Syllabus in</i>	Raidighi College, South 24-Parganas, in collaboration with	University	Attended	Online

	<i>Geography for the Practical Paper [GEO-A-CC-5-12-P - Remote Sensing, GIS & GNSS Lab] for Semester-V Honours. Date: 26 October, 2022.</i>	U.G. Board of Studies in Geography, Calcutta University.			
2	<i>Workshop on Multiple Data table Issues as well as Few Burning Challenges in Global South and Effective Policy - Framing for the Sustainable Development. Date: 26 September, 2021.</i>	Post Graduate Department of Geography, Chandannagore College, Hooghly.	International Interdisciplinary	Attended	Online
3	<i>Workshop on Geography Theory and Practical Semester V paper 12. Date: 11 January, 2020.</i>	Department of Geography, Loreto College, Kolkata.	University	Attended	Offline
4	<i>Workshop on Application of Quantitative Techniques in Spatial Planning. Dates: 21-28 December, 2018.</i>	Organized by Centre of Human Settlement Planning, Department of Architecture, Jadavpur University.	International Interdisciplinary	Attended	Offline
5	<i>Workshop on CBCS Admission Procedure. Date: 11 May, 2018,</i>	Organized by Bijoy Krishna Girls' College, Howrah, in collaboration with BOS of Calcutta University.	University	Attended	Offline

6	Workshop on <i>Implementation of CBCS System in UG Studies in Geography.</i> Date: 8 May, 2018.	Organized by Shri Shikshayatan College, Kolkata, in collaboration with BOS, Calcutta University.	University	Attended	Offline
7	Workshop on <i>Hands on training of Quantam GIS.</i> Date: 27-28 November, 2017.	Department of Geography, Lalbaba College, Howrah & Calcutta University in collaboration with BOS of Calcutta University.	University	Attended	Offline
8	Workshop on <i>Application of ICT to Teaching –Learning Practice.</i> Date: 10 July, 2017.	IQAC, Sovarani Memorial College, Howrah.	National	Attended	Offline

17. Faculty Development Programme:

Sl. No.	Name of FDP with date(s)	Organizing authority	Level: Internal/ National/ State/ University/ College	Attended/ Conducted	Online/ Offline
1	<i>Summer Research Capacity development Program on Urban Green city Planning.</i> Date: 7-13 August, 2021.	International collaboration of University of Buraimi, Oman, Modern college of Business and Science, Muscat, Oman & Aligarh Muslim University, India.	International	Attended	Online

2	One Month <i>Faculty Induction Program (FIP)</i> . Dates: 5 October to 3 November, 2020.	UGC-HRDC Jamia Millia Islamia, New Delhi.	National	Attended	Online
3	UGC Sponsored Refresher Course in <i>Development Studies</i> . Dates: 22 December – 4 January, 2021.	UGC-HRDC, Burdwan University.	National	Attended	Online
4	<i>Certificate Course on RS & GIS for 21 days Online GIS Training Program using QGIS</i> . Date: 13 July – 2 August, 2020.	Central University of Karnataka & State Institute of Urban Development.	National	Attended	Online
5	<i>Short Term Certificate Course of 2 weeks in RS & GIS</i> . Dates: 12-23 March, 2018.	Department of Higher Education, Science and Technology and Biotechnology, Government of West Bengal.	State	Attended	Offline
6	<i>One Month Teacher Training Program Partners in Learning</i> . Dates: 21 February – 17 March, 2006.	Microsoft, India.	International	Attended	Online
7	<i>2 weeks Master Trainer's Course in Intel Teach to the Future Program</i> . Dates: 19-23 October, 2005.	Intel innovation education.	International	Attended	Online

18. Membership of Professional Organizations:

Sl. No.	Name of Organization	Type of Membership: Annual/ Lifetime	Period
1	Pan African Journal on Governance and Development (PJGD) ISSN Print: 2707-1308 & ISSN Online: 2707-1316 of Jimma University, Ethiopia, Africa.	Panel Member on External Reviewers	From 2020 till date
2	International Cartographic Association (INCA), India.	Life Member	-
3	Institution of Landscape Ecology and Ekistics (ILEE), India.	Life Member	-

19. Other Activities / Social Responsibilities:

An outreach programme was organized for Regional Planning and Development in collaboration with BDO, Jaynagar-II & MP of Sundarbans Area, an alternative measure for protection of river embankment in Sundarbans. To protect the river embankment from cyclonic water emergence an area has been selected and the project is primarily approved by Pratima Mandal, MP of Jaynagar Parliamentary Constituency.

The second meeting was held on 24.06.2021 in presence of:

1. Pratima Mandal, MP
2. Khan Jiaul Haque, Member of Jila Parishad
3. Dr. H M Kutub Uddin (My Self)
4. Dr. Malay Kumar Mukhopadhyaya (Virtually present)
5. Dr. Ashis Kumar Paul (Virtually present)
6. B.D.O of Jaynagar II (Virtually present)
7. Departmental Engineers of BDO

The project has been initiated and summarized in the paper published in *Indian Journal of Spatial Science* 21 June, 2022 and partly in the Journal *Geographical Review of India*. Vol. 84, Nos. 1& 2.

8. Creative Writing:

Sl. No.	Name of Book/Article/Magazine/Blog	Publication Details	Date of Upload
1	Types of Satellite and Sensors in Remote Sensing	Link	23.9.2021
2	Sensor resolutions in IRS and Landsat missions in GIS & RS	Link	22.9.2021
3	Principles of Remote Sensing	Link	20.9.2021
4	The basic concept of Geological Map	Link	8.9.2021
5	Drawing of Cross Section And Interpretation of Geological Maps	Link	9.9.2021
6	The Cycle of Erosion	Link	26.9.2021
7	Rocks and Minerals – Definition and Identification	Link	22.10.2021
8	Rocks and Minerals – Identification of minerals	Link	22.10.2021
9	Identification of Rock in hand specimen	Link	8.11.2021
10	Sopher and Weighted Index analysis on COVID-19 status in India by (Part 1)	Link	25.9.2021
11	Sopher and Weighted Index analysis on COVID-19 status in India by (Part 2)	Link	26.9.2021
12	Cumulative Causation Theory	Link	28.9.2021
13	Literature review: Research methodology and Fieldwork	Link	30.9.2021
14	Research and its different types with significance	Link	7.10.2021
15	Hypothesis testing in Statistics Geography	Link	7.9.2021
16	Definition, importance, and significance of statistics	Link	29.9.2021
17	Different types of data in statistics	Link	1.10.2021
18	Source of geographical data for statistical analysis	Link	6.10.2021
19	What is tabulation in statistics?	Link	12.10.2021
20	Compass surveying (Clinometer Compass and Prismatic Compass)	Link	11.9.2021
21	Dumpy Level Survey for profile leveling and contouring	Link	24.9.2021
22	Drawing of a Diagonal Scale	Link	15.9.2021

23	Ferdinand Magellan's Sea Expedition	Link	7.11.2021
24	Expedition of Vasco da Gama	Link	7.11.2021
25	Detailed Study on the life of Eskimo	Link	4.6.2022
26	Details study about Maasai, famous tribes in Africa	Link	25.6.2022

9. Hobbies and Interests:

- a. Recitation
- b. Video editing
- c. Writing
- d. Travelling

Dr. H M Kutub Uddin

16.10.2023