

# DEPARTMENTAL PROFILE FORMAT

## **An Overview of the Department:**

The Department of GEOGRAPHY launched its journey in 2008-2009 as General subject and marched ahead for pretty long time as General subject only. It obtained approval for introducing GEOGRAPHY as Honours subject in 2016. There is a huge demand amongst students for opting Geography as Honours subject. There are at present 37 sanctioned seats for Honours. There are One Associate Professor and 7 SACT teachers (6 SACT I & 1 SACT II) in the Department. The Department has produced innumerable students both Honours and General throughout the years. Many students of the Department have established themselves in various sectors.

Besides teaching, the Department organizes class wise seminar, debate and prepares students for Quiz competition and Group discussion, so that they can keep pace with the time. The students can express their views independently through their writing in the wall Magazine and teachers guide them properly in this regard. Above all, the faculty members are always ready to render all possible assistance and guidance to students within and outside the campus as and when required. Consequently students get through the final examination with flying colours every year and go for further higher studies.

## **Evaluative Report of the Department of History**

1.Name of the Department: GEOGRAPHY

2.Year of establishment: 2008-2009 (General), 2016-2017 (Honours)

3.Names of Programs / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.): UG

4.Name of Interdisciplinary courses and the departments / units involved: Environmental Science

5.Annual/Semester/Choice Based Credit System (programme wise): ANNUAL SYSTEM before 2018-2019, CBCS from 2018

6.Participation of the department in the courses offered by other departments: Nil

7.Courses in collaboration with other universities, industries, foreign institutions, etc.: No.

8.Details of courses / programs discontinued (if any) with reasons: No.

9.Number of teaching posts.

	Sanctioned	Filled
<b>Professor</b>	NA	NA
<b>Associate Professor/Reader</b>	1	1
<b>Assistant Professor</b>		
<b>STATE AIDED COLLEGE TEACHER (SACT 1)</b>		6

STATE AIDED COLLEGE TEACHER (SACT 2)		1
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10.

Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph. D. Students guided for the last 4 years
DR UTTAM KUMAR SARDAR	M.Sc. PhD (UGC NETJRF)	ASSOCIATE PROFESSOR	PEDOLOGY	21 YEARS	NA
SHARMISTHA DHAR	M.Sc.BEd P.G. DIPLOMA IN APPLIED GIS & REMOTE SENSING UGC NET – GEOGRAPHY UGC NET – POPULATION STUDIES	SACT 1	POPULATION AND WELFARE GEOGRAPHY	16YEARS	NA
EMILY SAHA	M.Sc. P.G. DIPLOMA IN APPLIED GIS & REMOTE SENSING UGC NET JRF	SACT 1	POPULATION AND WELFARE GEOGRAPHY	12YEARS	NA
SOHA HOSSAIN	M.Sc. UGC NET	SACT 1	INDUSTRIAL GEOGRAPHY	12 YEARS	NA
SOUMI MITRA	M.Sc. B.Ed. in SPECIAL EDUCATION (V.I.) P.G. DIPLOMA IN APPLIED GIS & REMOTE SENSING	SACT 1	APPLIED GEOMORPHOLOGY OF THE HUMID TROPICS	8 YEARS	NA

	UGC NET				
RIYANKA CHATTERJEE	M.Sc UGC NET JRF	SACT 1	URBAN GEOGRAPHY	4 YEARS	NA
RITABRITA SAHA	M.Sc. UGC NET	SACT 1	GEOMORPHOLOGY OF THE HUMID TROPICS	2 YEARS	NA
AVIK KUMAR BAYEN	M.Sc. BEd.	SACT 2	ADVANCED INDUSTRIAL GEOGRAPHY	2.5 YEARS <sup>5</sup>	NA

11. List of senior Visiting Faculty:

12. Number of lectures delivered by Senior visiting faculty:

13. Number of lectures delivered by guest lecturers and part time lecturers :

14. Student Teacher Ratio (program-wise): Honours -5:1; General – 4:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled: Not applicable.

16. Qualification of teaching faculty with DSc/D. Litt/Ph. D./MPhil: DR UTTAM KUMAR SARDAR (PhD)

17. Number of faculty with ongoing projects from a) national b) international funding agencies and grants received:

18. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc., total grants received: Nil

19. Research Centre /facility recognized by the University: No.

20. Publications:

21. Publication per faculty:

22. Research work, Publications and other information of:

#### Research Work

NAME OF THE TEACHER	M.Phil. /Ph.D.	TITLE OF THE THESIS
DR UTTAM KUMAR SARDAR (ASSOCIATE PROFESSOR)	Ph.D.	Land Capability and Land Use Changes in Joynagar-Kultali-Mathurapur Blocks of South 24 Parganas District, West Bengal, During the Period 1991-2011

## 23. Publications:

NAME OF THE TEACHER	TITLE OF THE PAPER	ISSN / ISBN	NAME OF THE JOURNAL	VOLUME (ISSUE)	YEAR	PAGE
DR UTTAM KUMAR SARDAR	Problem of Air Pollution in Sundarban Area	ISSN 0971-4170	INDIAN JOURNAL OF LANDSCAPE SYSTEM AND ECOLOGICAL STUDIES	VOL.33 NO. 1	JUNE 2010	475-480
	Status of Land Use Pattern in the District of South 24 Parganas	ISSN 0971-4170	INDIAN JOURNAL OF LANDSCAPE SYSTEM AND ECOLOGICAL STUDIES	VOL. 34 NO.1	JUNE 2011	461-464
	Status of Land Use Pattern of Joynagar I & II, Mathurapur I & II, Kultali Blocks in the District of South 24 Parganas	ISSN 0971-4170	INDIAN JOURNAL OF LANDSCAPE SYSTEM AND ECOLOGICAL STUDIES	VOL. 38 NO.1	JUNE 2015 (RECEIVED 24-01-2015) REVISED AND SELECTED ON 06.02.2015	260-263
	Landscape Influence Agriculture and Cropping Pattern in West Bengal	ISBN 978-93-93420-37-7	ACADEMIC PUBLISHERS, KOLKATA	ARTICLES IN BOOK	2014	84-89
	Status of Material Condition in the District of South 24 Parganas	ISBN 978-81-921808-3-0	PRINCIPAL, BARRACKPORE RASTRAGURU SURENDRANATH COLLEGE	SEMINAR PROCEEDING	SEPTEMBER 2012	147-157
	Status of Disaster and Calamities in Sundarban Delta Natural	ISBN 978-81-929776-0-7	DEPT. OF GEOGRAPHY, HARINGHATA MAHAVIDYALAYA, NADIA	SEMINAR PROCEEDING	SEPTEMBER 2014	79-83
	Demographical Changes and Threats Develop to Sustain the Nature of Sundarban Region	ISBN 978-81-925536-0-3	UNION CHRISTIAN TRAINING COLLEGE, BERHAMPORE, W.B.	SEMINAR PROCEEDING	2015	191-194
SOHA HOSSAIN	A Study on the Impact of Leather Tanneries in Urban Centres on Environment and Health: A Case Study of East Kolkata Leather Cluster	ISSN 2320-284X	Mind Space-Academic Journal of Rani Birla Girls' College	Vol.:5	2013	pp 49-57

	A Study on the Relation Between Level of Education and Hygeine Practices: A Case Study of Shillong City	ISSN 2320-284X	Mind Space- Peer Reviewed Academic Journal of Rani Birla Girls' College	Vol.:7	2017	PP 10-18
	Spatio-Temporal Analysis of the Changing Trend of Urban Growth of Kolkata Metropolitan Area through Geoinformatics: A Case Study on Rajpur-Sonarpur Municipality and Baruipur Municipality Area	ISSN:2278-8670	International Journal of Integrated Research and Development-Peer Reviewed Journal	Vol.2	2019	
	Impact of Leather Tanneries on Surrounding Environment: A Case Study of the East Kolkata Leather Cluster	ISBN:978-93-88207-30-0	A Book Chapter in Issues in Resource Utilisation		2019	Pp 202-212
	Adventure erKhojeSobuj Apple erDeshe	ISSN: 2231-1076	Himalaya Prasanga		2020	Pp 64-75
SOUMI MITRA	Groundwater scenario of Kolkata : Problems and Recommendations.	<b>(ISBN: 2230-9535)</b>	The Observer, The Student Geographical Association, Department f Geography, University of Calcutta	VOL:51	2013	
	Spatio-Temporal Analysis of the Changing Trend of Urban Growth of Kolkata Metropolitan Area through Geoinformatics: A Case Study on Rajpur-Sonarpur Municipality and Baruipur Municipality Area	ISSN:2278-8670	International Journal of Integrated Research and Development-Peer Reviewed Journal	Vol.2	2019	
RIYANKA CHATTER JEE	<b>Development and Environment: Are they Contradictory? A</b>	ISSN 2230-9535.	The Observer, The Student Geographical Association, Department f	Vol 53	2016	Pg 70-74



DR UTTAM KUMAR SARDAR	STATUS OF HEALTH CARE INTUITION AND ENDEMICITY OF DISEASES IN THE DISTRICT OF SOUTH 24 PARGANAS	INTERNATIONAL CONFERENCE ON DIMENSIONS OF DEVELOPMENT AND RESOURCE CONSERVATION	DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF CALCUTTA	INTERNATIONAL	10 – 12 MARCH 2012
	DEMOGRAPHICAL DEVELOPMENT THREATS OF SUSTAINABILITY OF SUNDARBAN REGION IN THE DISTRICT OF SOUTH 24 PARGANAS	UGC SPONSORED NATIONAL LEVEL SEMINAR ON EDUCATION FOR SUSTAINABLE DEVELOPMENT IN 21 <sup>ST</sup> CENTURY	UNION CHRISTIAN TRAINING COLLEGE, BERHAMPORE, MURSHIDABAD (W.B.)	NATIONAL	4 – 5 OCTOBER 2012
	STATUS OF SOIL, LAND USE & CROPPING PATTERN IN HOOGHLY DISTRICT	NATIONAL SEMINAR ON CONTEMPORARY RESEARCH IN GEOGRAPHY	BHAIRAB GANGULY COLLEGE & NATMO	NATIONAL	14 – 15 MARCH 2014
	NATURE OF TRIBAL PROBLEMS IN INDIA AND MEASURES UNDERTAKEN FOR THEIR UPLIFTMENT	UGC SPONSORED NATIONAL LEVEL SEMINAR ON SOCIO-ECONOMIC OF THE TRIBES OF INDIA WITH SPECIAL REFERENCE TO THE SANTALS	DEPT. OF GEOGRAPHY TURKU HANSDA LAPSA HEMBRAM MAHAVIDYALAYA	NATIONAL	19 -20 SEPTEMBER 2014
	STATUS OF LAND USE PATTERN OF JOYNAGAR I & II, MATHURAPUR I & II, KULTALI BLOCKS IN THE DISTRICT OF SOUTH 24 PARGANAS	INTERNATIONAL SEMINAR ON ENVIRONMENT PERPECTIVES AND RESOURCE MANAGEMENT	INSTITUTE OF LANDSCAPE, ECOLOGY AND EKISTICS, KOLKATA	INTERNATIONAL	19 – 20 DECEMBER 2014
	RELATIONSHIP BETWEEN IRRIGATION ANF GROUND WATER IN THE DISTRICT OF SOUTH 24 PARGANAS, W.B.	INTERNATIONAL SEMINAR ON GROUNDWATER ISSUES & CHALLENGES OF	SRIPAT SINGH COLLEGE, JIAGANJ, MURSHIDABAD, W.B.	INTERNATIONAL	29 -30 DECEMBER 2014

		THE 21 <sup>ST</sup> CENTURY			
SHARMISTHA DHAR	“CONSTRAINTS OF KANGSABATI IRRIGATION PROJECT – A REVIEW”	NATIONAL SEMINAR ON APPLIED GEOGRAPHY : ISSUES AND TECHNIQUES	DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF CALCUTTA	NATIONAL SEMINAR	14 – 15 January 2011
SOHA HOSSAIN	Wetland Conservation and Management in India- The Key Issues	National Seminar on Natural Resource Management	Department of Geography, University of Calcutta.	NATIONAL	March 11, 2011
	Scenario of Floriculture in Karnataka	International Conference on Dimensions of Development and Resource Conservation	Department of Geography, University of Calcutta	INTERNATIONAL	March 10-12, 2012
	An Overview on Impact of Leather Tanneries on the Health of Workers and on the Environment- A Case Study of Kolkata	International Conference on Urban Issues and Challenges	Union of Geographic Information Technologists (UGIT), Department of Geography, Bangalore University, Bangalore.	INTERNATIONAL	March 27-28, 2013
	A Study on the Impact of Leather Tanneries of the East Kolkata Leather Cluster on Environment.	UGC sponsored National Seminar Environmental Awareness: Demand of the Day	Environmental Development Committee, The Bhawanipur Education Society College, Kolkata	NATIONAL	September 9 and 10, 2016
	Effectiveness of Urban Services in Shillong City: A case study of Laban Area	Department of Higher Education, Science and Technology and Biotechnology, West Bengal sponsored National Seminar on Environmental Change, Human	Department of Geography, P.R.M.S Mahavidyalaya, Bankura	NATIONAL	2018



		Adaptation and Sustainability			
	Spatio-Temporal Analysis of the Changing Trend of Urban Growth of Kolkata Metropolitan Area through Geoinformatics: A Case Study on Rajpur-Sonarpur Municipality and Baruipur Municipality Area'	National level conference on the Application of Geospatial Technology in Research and Development	Jointly organised by CAD Centre, Jadavpur University and CEED	NATIONAL	2018
	Impact of Leather Tanneries on Surrounding Environment: A Case Study of the East Kolkata Leather Cluster	- 5th Annual International Conference, Indian Social Sciences and Humanities Congress 2019	organised by PaschimbangaAnchalikIthihas O LoksanskritiCharcha Kendra in collaboration with Department of Library and Information Science, Jadavpur University	INTERNATIONAL	SEPTEMBER 2019
SOUMI MITRA	Formation, Structure and Evolution of Himalayas	National Seminar on Himalaya: Environment and Development	Organised by Himalaya Samiksha Parisad . Co Sponsored by the Department of Geography, University of Calcutta, Netaji Institute for Asian Studies, NATMO and Department of Forest, Govt. Of West Bengal.	NATRIONAL	2012
	Spatio-Temporal Analysis of the Changing Trend of Urban Growth of Kolkata Metropolitan Area through Geoinformatics: A Case Study on Rajpur-Sonarpur Municipality and Baruipur Municipality Area'	National level conference on the Application of Geospatial Technology in Research and Development	Jointly organised by CAD Centre, Jadavpur University and CEED	NATIONAL	2018
RIYANKA CHATTERJEE	<b>A City under water by a destructive wave: a case study of Dhanushkodi township</b>	<b>UGC sponsored National Seminar on Contemporary</b>	Department of Geography, BhairabGanguly College in Collaboration with NATMO	National	2016

		<b>Research In Geography</b>			
	Development of Tourism in Maayapur: A Case study of ISKCON	<b>National Conference on Development and Environment</b>	department of Geography, West Bengal State University	National	2016
	Development and Environment : Conflict and contraction.	<b>Urbanisation and Regional Sustainability 47<sup>th</sup> Annual Seminar</b>	<b>Regional Science Association, India(RSAI)</b> organized by Department of Geography, University of Calcutta	<b>International Conference</b>	2016
	Sundarbans a World Heritage	<b>Sundarban and the related issues</b>	<b>CISS (Centre for Integrated Studies on Sundarban),</b> Khulna University and <b>BEDS (Bangladesh Environment and Development Society),</b> <b>Khulna, Bangladesh</b>	<b>International Conference</b>	April 2017
	<b>Climate Change Induced Forced Migration: A Case Study on Jaliakhali&amp;Kaikhali Village, Bangladesh</b>		<b>PRMS University, Bankura,</b>	<b>National Seminar</b>	2018
	<b>Uncertainty of livelihood and migration: a case study on Jaliakhali&amp;Kaikhali Village, Bangladesh</b>		<b>Regional Science Association, India(RSAI)</b> organized by BITS Pilani, Goa, India	<b>World Congress</b>	<b>2018</b>
	<b>Rejuvenating an Abandoned Town: The Case Study of Dhanushkodi</b>		<b>Regional Science Association, India(RSAI)</b> organized by BITS PilaniGoa,India	<b>World Congress</b>	<b>2018</b>
	Adaptation strategy of Dwellers near Sundarbans	<b>Living Under Threat: Mangroves of The Sundarbans</b>	Department of Geography,Prasanta Chandra MahalanabisMahavidyalaya	National	2019
	<b>Climate and Vulnerability: Study on</b>	Man and Environment:	SunbarnarekhaMahavidyalaya, Gobiballavpur	International seminar	2019

	<b>Bangladesh Sundarbans</b>	Issues and Challenges			
	<b>Revival Of The Lost Dhanushkodi Town As A Tourist Centre</b>	Planning Sustainable Regions: The Social – Economic-Triad	AMITY university Kolkata	International conference	2020

26.Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)

Citation Index – range / average : Nil

SNIP: Nil

SJR: Nil

Impact Factor – range / average: Nil

h-index: Nil

27.Areas of consultancy and income generated : Nil

28.Faculty as members in

a) National committees b) International committees c) Editorial Boards: Student project

29.percentage of students placed for projects in organizations outside the institution i.e., in Research laboratories / Industry / other agencies: Nil

30.Awards / recognitions received at the national and international level by

Faculty: Nil

Students: Nil

31.List of eminent academicians and scientists / visitors to the department:

SI No	Name	Designation	Institute
1.	PROF. LAKSHMI NARAYAN SATPATI	DIRECTOR UGC HRDC	UNIVERSITY OF CALCUTTA

32.Seminars/ Conferences/Workshops organized and the source of funding:

Departmental Seminars=

33.Student profile program-wise:

Name of the Course/Programme (refer to question no. 4)	Applications received	Selected	Enrolled	Pass percentage
B.Sc. SEM I (Hon)				
B.Sc. SEM II (Hon)				
B.Sc. SEM III (Hon)				
B.Sc. SEM IV (Hon)				
B.Sc. SEM V (Hon)				
B.Sc. SEM VI (Hon)				

34.-Diversity of students

Name of the Course	% of students from the same State	% of students from other State	% of students from abroad
B.Sc. SEM I (Hons)	100%	-----	-----
B.Sc. SEM I (Gen)	100%	-----	-----
B.Sc. SEM II (Hons)	100%	-----	-----
B.Sc. SEM II (Gen)	100%	-----	-----
B.Sc. SEM III (Hons)	100%	-----	-----
B.Sc. SEM III (Gen)	100%	-----	-----
B.Sc. SEM IV (Hons)	100%	.....	.....
B.Sc. SEM IV (Gen)	100%	.....	.....
B.Sc. SEM V (Hons)	100%	.....	.....
B.Sc. SEM V (Gen)	100%	.....	.....
B.Sc. SEM VI (Hons)	100%	.....	.....
B.Sc. SEM VI (Gen)	100%	.....	.....

35.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services and Defence Services etc.?

Name	Examination


(Note: It is further notified that the considerable number of our students is in School Service, some are also in Defence and Civil services. For ref...only.)

### 36. Student progression

<b>Student Progression</b>	<b>Against % enrolled</b>
<b>UG to PG</b>	50% in regular 25% in distance mode (approx)
<b>PG to M.Phil</b>	-----
<b>PG to Ph.D</b>	-----
<b>Ph.D to Post-Doctoral</b>	-----
<b>Employed- Campus selection -Other than campus recruitment</b>	-----
<b>Entrepreneurship/Self-employment</b>	-----

### 37. Details of infrastructural facilities

a) Library: 2

b) Internet facilities for staff and students: AVAILABLE

c) Class rooms with ICT facility: 1 CLASSROOM

e) Laboratories: 2

38. Number of students receiving financial assistance from College, University, government or other agencies:

39. Details of student enrichment programmes (special lectures / workshops/seminar) with external experts:

1. SPECIAL LECTURE ON MAPPING TECHNIQUES OF GEOGRAPHY IN CBCS SYSTEM,C.U.

SPEAKER – PROF. LAKSHMI NARAYAN SATPATI (DIRECTOR UGC HRDC, UNIVERSITY OF CALCUTTA) ON 18<sup>TH</sup> APRIL 2019

2.

3. Video Show

40. Teaching methods adopted to improve student learning

i. Lecture method

ii. Group discussion

iii. Rapid participatory techniques

iv. Demonstration method.

v. Special class and care to advanced and slow learners.

vi. Participation in Institutional Social Responsibility (ISR) and Extension activities:

(The faculty members and students of the department are regularly participating in the Institutional Social Responsibility and Extension activities organized by the NSS and Health Unit of the college.) Reference.....only...

SWOC analysis of the department and future plans.

### **Strength**

- The Department boasts of highly qualified competent and dedicated teaching faculty, who maintain high academic standard.
- Students have shown commendable performance in University Examinations.
- Well stocked library for students and teachers
- Department well equipped with different instruments.

### **Weakness**

- Inadequate built-in space in the department
- The departmental seminar library needs to be extended
- Need to subscribe different National and International Journals.
- Department needs fund from UGC / CSIR for up gradation of Computer Laboratory

### **Opportunities**

- Warm and free student-teacher interaction and counselling of students for higher education and career planning.

### **Challenges**

- Limited freedom in deploying innovative teaching methods due to syllabus and time constraints.

### **Future plans**

- Opening of Master degree
- To enrich the Department library with more reference books and journals.
- To establish a common laboratory for multi-disciplinary use.

