

## Kultali Dr B R Ambedkar College



### Faculty Academic Profile

**Vidwan-ID: 584857**



**1. Name & Designation: Dr. RUPAM KUMAR DUTTA**

Assistant Professor, Dept of Geography

**Affiliation:** Kultali Dr. B.R.Ambedkar college, South  
24 Parganas, West Bengal (Affiliated to University of  
Calcutta)

**2.Awards and Honours:**

**I. Hony. Secretary, Institute of Landscape Ecology and Ekistics, Kolkata.** (Rajabazar  
Science College, University of Calcutta)

II. Ex. Hony.Treasurer of the Institute of Landscape Ecology and Ekistics, Kolkata.(17 years)

**III. Co-Chaired the IGI National Seminar in Plenary session, Department of geography,  
Savitribai Phule University, Pune,2-4th Nov, 2022.**

**IV. Co-Chaired the Plenary session-2 Of “ Environment and Sustainability’ in the UGC  
sponsored national Seminar on Environment and Sustainability’ organized by the  
Department of Geography Prasanta Chandra Mahalanobis Mahavidyalaya , November 19<sup>th</sup>  
, 2016, Kolkata-700108.**

**V. Vice President in ICSSR sponsored National Seminar on Cotemporary Global  
Environmental issues and its Sustainable management , Department of Geography,  
Haringhata Mahavidyalaya, April 21 -22 , 2017.**

VI. 2<sup>nd</sup> Prize in International Seminar on ‘Poverty and development in South Asia’ at Calcutta University in 2007

**3. Teaching Experiences & Specialisation: 17 years teaching experiences in UG & PG in College & University**

➤ **Assistant Professor**

*A. Specialisations:* Advanced Geomorphology, Fluvial Geomorphology, hazards & disaster management, Remote sensing and GIS.

**2. Academic Qualifications:**

Examinations and year	Subject	Division / Class	Name of the Board / University
(B.A.) 2004	GEOGRAPHY (H)	1 <sup>st</sup> (62.5%)	Calcutta University
(M.A.)2006	GEOGRAPHY	1 <sup>st</sup> (67.5%)	Calcutta University
NET (DECEMBER2006,) & NET (June 2007 )	GEOGRAPHY		U.G.C
Doctorate	GEOGRAPHY (Awarded on 24.06.2013)		C.U. (ENVIRONMENTAL HAZARDS AND THEIR IMPACT ON LAND USE OF HARIDWAR DISTRICT , UTTARAKHAND)
P.G. diploma (2007-2008)	Remote Sensing & GIS		Jadavpur University
Certificate course (3 months) 2008	Remote Sensing & GIS & GPS.		IIRS, Dehradun (NRSC) and J.U

**3. Contact information:**

➤ Shivling, F4-33 New , Parbangla Road 1, Kolkata - 700140

➤ *Permanent Address:* Shivling, F4-33 New , Parbangla Road 1, Kolkata – 700140

➤ Email : [drrupamkumardutta@gmail.com](mailto:drrupamkumardutta@gmail.com)

➤ Contact no. : +91 9477237476

**7. Positions Held/ Holding and Experiences:**

Name of the institution	University	Designation	Classes taught UG / PG Pass / Hons.	Period (Give dates)	Length of experiences (years / months)
Victoria Institution College	C.U.	Lecturer	U.G. PASS/HON S.	10.4.2007-12.4.2008	1 YEAR 2 DAYS
SRLM COLLEGE, MAJDIA, NADIA	K.U.	Lecturer (HOD)	U.G. PASS/HON S.	17.7.2007-16.11.2007	4 MONTHS
MAHESTALA COLLEGE	C.U.	Lecturer	U.G. PASS/HON S	17.11.2008-06.11.08	11 MONTHS 20 DAYS
Budge Budge College, s-24 PG(S)	C.U.	Lecturer	U.G. PASS/HON S	1.2.2008-06.11.08	9MONTHS 5 DAYS
Rabindra Bharati University	<b>R.B.U</b>	Lecturer	<b>P.G.</b>	7.11.08-17.3.15	17. 03.2015
<b>Invited Lecture as Resource Person:</b>	<b>Asutosh College (PG), Lady Brabourne College (PG) , APC College, ThannaMandi Govt. College Jammu&amp; Kashmir University, Diamond Harbour Women's University, Rabindra Bharati University (PG) , Saheed Anurup Chandra Mahavidyalaya, Heramba Chandra College, Fakir Chand College, Maheshtala College, East Calcutta Girls College (PG) etc.</b>				

## 8A. Research Domain 8A. Researcher IDs :

i. <https://orcid.org/0000-0001-9598-2366>

ii. <https://www.researchgate.net/profile/Rupam-Dutta-5>

**8B. Broad areas of Research Interests :** Fluvial geomorphology, river bank erosion, Hydrogeomorphic & Geomorphological hazards etc.

**Broad areas of Research Interests:** Environmental Geography, Fluvial geomorphology, river bank erosion, Hydrogeomorphic Hazard & Geomorphological hazards and Disaster etc.

**Supervision of Dissertation (P.G. level) – About 75 Students (2008-2014)**

**In Environmental Geography & Fluvial Geomorphology.**



## 9.Membership or Professional Activities

Details of Institute/Organizations	Positions	From the Year
Indian Institute of Landscape, Ecology & Ekistics, Dept. of Geography, Calcutta University, <b>Kolkata</b>	<b>Hony. Secretary</b>	March, 2024
Indian Institute of Landscape, Ecology & Ekistics, Dept. of Geography, Calcutta University, <b>Kolkata</b>	Hony.Treasurer (Former)	2008 - 2024
Indian Science Congress Association, <b>Kolkata</b>	Annual Member	2013
Indian Institute of Geomorphology, <b>Allahabad</b>	Life fellow	2008
The Geographical Society of India, <b>BHU, Varanasi</b>	Life fellow	2018
National Association of Geographers India, <b>New Delhi</b>	Annual Member	2009

The Geographical Society of India, <b>Kolkata</b>	Life fellow	2008
Himalayan Samikha Parisad, <b>Kolkata</b>	Life fellow	2011

### 10. Supervision of Field and project work on different areas

Himachal Pradesh, Ladakh, Haridwar, Kedarnath, Badrinath, Uttarakhand, Bolpur- Shantikinetan, Purba Gurguria, South 24 Parganas, West Bengal in 2018, Ghatshila, Jharkhand in 2019, Pakhiralay, Gosaba, West Bengal in 2020, Lataguri, Alipurduar, West Bengal in 2022, Lingtam, Silkroute, Sikkim in 2023 and Ranchi, Jharkhand in 2024.

### **11. List of Selected National and International Seminars and Conferences:**

1) February 4-6<sup>th</sup> 2005: **Participated** in a Seminar on ‘Applied Geography and application of Remote Sensing & GIS’ organized by Department of Geography, University of Calcutta.

2) February 17, 2005 :**Participated** in a Seminar on ‘Marine Disaster:Impact,Lessons,Remedies’ organized by Sea Explorers’ Institute, Kolkata

3) March 27-28, 2005: **Participated** in a Seminar on “Catchment Management and Sustainable Development” organized by Institute of Landscape, Ecology and Ekistics(ILEE) and Indian Institute Of Bio-Social Research and Development(IBRAD), University of Calcutta.

4) December8-9<sup>th</sup> · 2005 : **Participated** in the Seminar On Geoscientific Aspects Of Landscape Evolution,North Bengal and Sikkim:Environmental Problems and Development Prospects” organized by West Bengal Academy of Science and Technology (Jadavpur University),

5) December26-28, 2005: **Presented a paper** titled “Our Coastal Area In Danger With Special Reference To Orissa Coast” in Eighteenth Convention and seminar on “Quaternary Climatic Changes and Landforms” organized by Center for Geotechnology, **Manonmaniam Sundarnar University, Tirunelveli.**

6) March 25-26, 2006: **Presented a Poster** Titled “The Mystery Of Sunderbans-a Unique Ecosystem” in the Seminar on ‘Research Methods and Techniques for sustainable development’ organized by Institute of Landscape, Ecology and Ekistics(ILEE) and Indian Institute Of Bio-Social Research and Development(IBRAD), University of Calcutta.

7) January 11-13, 2007: **got 2<sup>nd</sup> Prize** presenting Poster Titled “Environmental Degradation Of Tamil Nadu CoastWith Special Reference To Kannyakumari” in **International Seminar** on ‘Poverty and development in South Asia’ organized by Dept. of Geography University of Calcutta.

8) March 9-10, 2007: **Presented a Paper** titled “Environmental Problems of Tamilnadu Coast with special reference to Kanniyakumari Coast” in the Seminar on ‘Environment & Sustainable Development – the Indian Context’ organized by Banwarilal Bhalotia College, Asansol, West Bengal.

9) August 6-7,2007: **Participated** in International Symposium on ‘New frontiers in Regional Science’ held at **the National Atlas and Thematic mapping Organization, SaltLake** city ,Kolkata.

10) October 29-31, 2007: **Presented** a research paper titled “Land Resource of Haridwar district-upper Ganga Plain, with special reference to Land use Planning” in the National Seminar on ‘

Management Strategies for the Indian Himalaya: Development and Conservation’ organized by **HNB Garwal University, Uttarakhand**.

**11)** February 15-17, 2008: **Presented** a research paper titled “Environmental problems and sustainable development of Siwalik foothill region with special reference to Haridwar district ,Uttarakhand” in the National Seminar on Geomorphology in disaster mitigation and management organized by Department of Geography, **Benaras Hindu University**. Department of Geography.

**12)** March 16 , 2007: **Participated** in a Seminar on ‘ Environmental Application Of GIS and Remote Sensing’ organized by CAD, center **Jadavpur University**

**13)**February22-23,2008: **Participated** in Seminar on ‘Environment and Development’Organized by West Bengal Academy Of Science and Technology, Jadavpur University

**14)** January 28- 29<sup>th</sup>, 2009 : **Participated** in the workshop on “ User Interaction Meet” organized by **National Remote Sensing Centre, Hyderabad**.

**15)** March 4<sup>th</sup> , 2009: **Participated** in the National Seminar on “The Contemporary Issues on Environment and Development, India” organized by Institute of Landscape, Ecology & Ekistics(ILEE), university of Calcutta.

**16)** March 6-7<sup>th</sup> ,2009: **Participated** in the Seminar on “ Ganga Delta: Development Perspectives” organized by Department of Geography, University of Calcutta.

**17)** March 26<sup>th</sup>,2009: **Participated** in a Seminar on “ Mathematics & its applications in Physical Science”, organized by Department of Mathematics, Rabindra Bharati University.

**18)** April 4<sup>th</sup>,2009: **Presented paper** titled “Environmental Problems and Sustainable Development of Western Himalayan Foothill with special reference to Haridwar districts, Uttarakhand” in the National Seminar on “Environmental Changes and Geomorphic Hazards” organized by department of Geography, **Rabindra Bharati University**.

**19)** March 8-9 ,2010: **Presented paper** titled “Destruction of forest resource of Haridwar district with special reference to Rajaji National Forest Haridwar District, Uttarakhand .” in the **International Seminar** on Environment resource and regional development organized by Department of Geography ,Burdwan university,

**20)** November 19-21 ,2010: **Presented paper** titled “ Causes and Consequences of Flood in Haridwar district ,Uttarakhand ” in the in the 32<sup>nd</sup> Indian Geography Congress conference(**NAGI**) organized by Department of Geography ,**Panjab University**.

**21)** December 7, 2010 : **Participated** in the National Seminar on Contemporary Environmental Problems: Application of Modern Geographical Techniques in Its mitigation organized by Department of Geography ,Joges Chandra Chaudhuri College, Kolkata.

**22)** March 10-11 ,2011: **Presented paper** titled “River bank erosion in Western Himalayan foothill,Haridwar district ,Uttarakhand. ” in the in the National seminar on Natural Resources Management organized by Department of Geography ,**Calcutta University**.

- 23) November 02-04 ,2011: **Presented paper** titled “ Geomorphic hazards in Haridwar district,Uttarakhand ” in the National Seminar on in conference organized by Department of Geography , **HNB Garhwal University** .
- 24) November 11-13 ,2011: **Presented paper** titled “River bank erosion and its impact on land resources with special reference to the Ganga river valley, Haridwar district, Uttarakhand ” in the in the 33<sup>rd</sup> Indian Geography Congress conference (**NAGI**) organized by Department of Geography ,**Burdwan University** .
- 25) March 10<sup>th</sup> -12<sup>th</sup> ,2012:**Presented** paper titled ‘Problem of channel sedimentation and its impact on land use of Haridwar district,Uttarakhand.’in the International Conference on “Dimensions of Development and Resource Conservation” organized by Department of Geography, University of Calcutta.
- 26) November, 2-4, 2012: **Presented** paper titled “Causes of Channel Shifting And Avulsion of The Ganga River in Haridwar, Uttarakhand.” In the National Seminar on Hazard, Vulnerability and Sustainable Development organized by National Association of Geographers, India (NAGI) in the department of Geography, **Patna University**.
- 27) January, 4-7, 2013: **Presented** paper titled “Hydro Geomorphic Mechanism of Ganga River Bank Erosion of Haridwar, Uttarakhand .”in the National Seminar of Indian Science Congress(ISC) organized by Calcutta University.
- 28) January, 13th, 2013: **Delivered Lecture** on “ Causes of Ganga River Bank Erosion and its Mitigation of Haridwar district , Uttarakhand .“ and also chaired a session of the National Seminar on Literature and Resource Organized by Centre for Development Studies and Research, Krishnagar, Nadia district.
- 29) March 4-5, 2013: **Presented paper** titled “Hydro-Geomorphic Mechanism of Channel Shifting of Bhagirathi River With Special Emphasis on Karkaria village, Nadia district ” in the National Seminar on Environment, Resources And Development organized by Department of Geography ,Lalbaba College, Belur.
- 30) April 2-3, 2015: **Presented paper titled** “ Prthibir Jalabaute Himojug and Anto-Himojug- Ekti Vougolic Porjalochona ” in the National Seminar organized by Paschimbanga Ancholik Itihas O Loksanskriti Charcha Kendra in the Department of History, Surendranath College, Kolkata.
- 31) July 13-14, 2015: **Participated** Workshop on NAAC Assessment and Accreditation: Implementation at the Institutional Level organized by **IQAC , Ramkrishna Mission Vidyamandira**.
- 32) September 28-29 , **2016: CONVENER** Of the National Seminar on “ Land Use Planning and Management’ and also presented paper on ‘Fluvial hazards and Land use Characteristics of Haridwar district Uttarakhand organized by the **Institute of Landscape Ecology and Ekistics in Collaboration with Dept. of geography University of Calcutta**.
- 33) November 19<sup>th</sup> , **2016: Co-Chaired** the Plenary session-2 Of “ Environment and Sustainability’ in the UGC sponsored national Seminar on Environment and Sustainability’ organized by the Department of Geography Prasanta Chandra Mahalanobis Mahavidyalaya , Kolkata-700108.

- 34) **November 24-27 th , 2016: Presented paper** titled “ Channel shifting and avulsion of the Ganga River in Haridwar district, Uttarakhand ” in the 29 th Conference of the Indian Institute of Geomorphologists organized by the Department of Geography University of Calcutta
- 35) **January 2-3, 2017: Participated** in the International Symposium on “Challenges of Urbanisation and Planning in China and India’ organized by the Department of Geography University of Calcutta.
- 36) **January 11th , 2017: Delivered** lecture on “River bank erosion and channel shifting mechanism in different geomorphic areas, India .’ In the International Seminar organized by the Department of Geography Acharya Prafulla Chandra College, North 24 Parganas.
- 37) **March 10-11 , 2017: Rapporteur** and presented paper on ‘ changing nature of the Ganga river Channel and its impact on land resources, Haridwar, Uttarakhand’ in the UGC sponsored national Seminar on Development Induced Changes, Environmental Concerns and Sustainable Management organized by the Department of Geography , Rabindra Bharati University
- 38) **April 21 -22 , 2017: Vice-President** Of “ Environment and Sustainability’ in the ICSSR sponsored national Seminar on cotemporary Global Environmental issues and its Sustainable management organized by the Department of Geography , Haringhata Mahavidyalaya.
- 39) **Sept 15, 2017: Participated the workshop** on Proposed Geography Syllabus (Hons &Gen) under CBCS system and Introduction of open source software held at Lady Brabourne college, Kolkata.
- 40) **September 21-22, 2017: Participated Workshop** on hands-on training programe on Q GIS organized by Puras Kanpur college held at Dept of Geography, University of Calcutta .
- 41) **March 3, 2018: Participated Workshop** on Reviewing the role of IQAC in Higher Education Institution- perspective West Bengal organized by IQAC , Maheshtala College.
- 42) **May 8, 2018 : Participated Workshop** on ‘Implementation of CBCS in UG studies in Geography’ organized by Shri Shikshayatan College .
- 43) **May 16-22, 2018: Participated Workshop** on quantitative techniques in Geography organized by ILEE and dept. of Geography C.U
- 44) **May 11, 2019: Participated Workshop** on Geography (Hons) Practical CBCS syllabus(Sem-II) organized by Raidighi College, Geography , University of Calcutta.
- 45) Feb 10-12, 2021: **Presented paper on** Identification of different geomorphic surfaces and their impacts on Channel forms in Haridwar district , Uttarakhand, India . 40<sup>th</sup> INCA International Congress on Digital Mapping Innovations in Make India Initiatives, Organised by NATMO & Department of Science and Technology, Govt of India .
- 46) December 2-4,2021 : **Presented paper on** Terrain Characteristics and land resources in Leh valley with special reference to amphithester valleys and dry fans. 33 rd Conference of the Indian Institute of Geomorphologists (IGI),An online international Conference, Organised by Department of Geography,**Allahabad University, Prayagraj.**
- 47) Nov 2-4<sup>th</sup>, 2022: **Presented paper on** Identification of major geomorphic divisions and their impacts on channel behaviour in Haridwar district, Uttarakhand 34<sup>th</sup> IGI **National Seminar, organized by** Department of geography, **Savitribai Phule University, Pune.**



48) November 6-8,2023: **Presented paper on** Application of geospatial technologies in role of nalas in development of landforms and landuse pattern, Leh valley, Ladakh, organized by 43rd INCA International Congress, Regional Remote Sensing Centre-West, **National Remote Sensing Centre (NRSC), ISRO Campus, Sector 9, Kudi Bhagtasani Housing Board, Jodhpur – 342005, Rajasthan, India.**

## **12.Research Publications in national and international Journals and edited books:**

- 1)“Our coastal area in danger with special reference to Mahanadi delta, orissa” published in the volume of Quaternary Climatic Changes and Landforms,2007, TamilNadu pp-121-127.
- 2) “Landform -land use characteristics of western Himalayan foothill with special reference to Haridwar district, Uttarakhand” published in the journal of Institute of Landscape Ecology and Ekistics, ILEE, Calcutta, Vol.30, No.2 pp-179-186.
- 3) “Water resource degradation and its effect on people of Haridwar district, Uttarakhand” published in the journal of Open eyes, 2008,Sudhir Ranjan Lahiri Mahabidyalaya,Nadia district.
- 4)“A Study on Causes and Impact on Water Pollution in Western Himalayan Foothill with Special reference to Haridwar districts, Uttarakhand” in “Rabindra Bharati Patrika”, vol.12, May 2009, Rabindra Bharati University.
- 5)‘Potentiality of eco-tourism in Jhilmil jheel area of Haridwar district,Uttarakhand’ Rabindra Bharati Patrika”, vol.12, May 2009, Rabindra Bharati University.(issn 0975-0037).
- 6) ‘Destruction of forest resources and its impact on ecosystem with reference to Rajaji national park, Haridwar district, Uttarakhand’ published in the journal of institute of landscape ecology and ekistics, ilee, calcutta,december,2009, vol.32, no.2.
- 7) ‘Geomorphological study of parts of the UpperGanga basin area-The Uttarakhand Siwalik Himalaya,Uttarakhand’ published in the journal of Institute of Landscape Ecology and Ekistics, ILEE, Calcutta,December,2010, Vol.33, No.2.
- 8) Geomorphic hazards and their impact on land use pattern of Western Himalayan foothill with special reference to Haridwar district, Uttarakhand, Geographical Review of India, Geographical Society of India, Kolkata,March 2011, Vol.73,No.3.,pp-227-238.
- 9) “Hydrogeomorphic mechanism of Ganga river bank erosion and its management with special reference to Bio-engineering techniques, Haridwar Uttarakhand ” published in the journal of Institute of Landscape Ecology and Ekistics, ILEE, Calcutta,December,2012, Vol.33, No.1.

10) “Hydrogeomorphic mechanism of Bhagirathi channel shifting in Karkaria village ,Nadia district” published in the journal of Institute of Landscape Ecology and Ekistics, ILEE, Calcutta,December,2012, Vol.33, No.2.

11) “Geomorphology of Balasan River basin, Darjeeling district, WestBengal” published in the journal of Institute of Landscape Ecology and Ekistics, ILEE, Calcutta,December,2012, Vol.33, No.2.

12) ‘Hydrogeomorphic mechanism of the Ganga river bank erosion and its impact on land resources of Haridwar district, Uttarakhand’,published in Journal of Geo-Environment Observer,Siliguri;Vol-2,no-1, pp,12-21.(ISSN-2277-6141).

13) ‘Characteristics of Subarnarekha River Terraces, Ghatsila area,Jharkhand’ published in the journal of Institute of Landscape Ecology and Ekistics, ILEE, Calcutta, June,2013, Vol.36, No.1, pp 168-171. (ISSN-0971-4170).

14) ‘Hydrogeomorphic mechanism of bank erosion of the Ganga river and its impact on land use,Haridwar district, Uttarakhand’,published in Edited volume on ‘Contemporary Issues on Environment and Development in India and adjacent countries, 2013, Sandhya Prakashani,B.T.Road,Kolkata-119. PP,134-144. (ISBN:978-81-928047-2-9).

15)‘Vulnerability of Purba Gurguria embankment and its impact on land utilization - a case study of Purba Gurguria village, Kultali, block, South 24 parganas’ published in the journal of Institute of Landscape Ecology and Ekistics, (ISSN-0971-4170), ILEE, Calcutta, June,2016, Vol.39, No.2, pp. 159-168.

16) ‘Fluvial hazards and land use characteristics of Haridwar district, Uttarakhand’, published in Seminar proceedings, vol-II, 2017, pp.279-287‘Land use planning and management’(ISBN 978-81-928047-6-7) organised by Institute of Landscape Ecology and Ekistics and department of Geography,University of Calcutta on 28-29 September,2016.

17) Physical environmental characteristics and their impact on Diamond Harbour Municipality with special reference to ward number 14’ published in Seminar proceedings, vol-II, 2017, pp-294-302 ‘Land use planning and management’organised (ISBN978-81-928047-6-7) , by Institute of Landscape Ecology and Ekistics and department of Geography,University of Calcutta on 28-29 September,2016.

18) ‘Controlling factors of channel shifting and avulsion in Haridwar district, Uttarakhand, Geographical Review of India, Geographical Society of India, (ISSN-0376-6386). Kolkata,June-2017, Vol.79,No.2.,pp-153-167.

19) ‘Channel characteristics of the river Thakuran and its effects on Purba Gurguria embankment :A case study of Purba Gurguria village of Kultali block, South 24 Parganas.’ published in edited vol,June,2018,pp-338-350. ‘Geo-environmental issues of the new Millennium-sustainable planningperspectives’ published by Dey’s publishing,Kolkata-700073.

20) Development of Subarnarekha riverbed pothole in Ghatsila, East singhbhum district, Jharkhand,Vol 42 (2),2019, Indian Journal of Landscape Systems and Ecological Studies pp. 116-131. (ISSN-0971-4170).

21) A Brief discussion on Hooghly river pollution. February,2019, pp-166-174, Research Journey International E-Research Journal, www.researchjourney.net, Special issue(165(A), 2348-7143.

22) 'Ji en es es er tattoo and khetra Samikhha r proag: ekti alochona ,pp-18-27. June, 2020, Vol-1, Bhugol Sadesh Charcha. ISSN: 2581-4788 ,

23) Mechanism of channel avulsion in the River Ganga and its impact on settlement area, Haridwar District, Uttarakhand, in January,2021,pp-288-302. edited vol Population, Environment and Development issues challenges and prospects, published by. Progressive Publishers and Midnapore College (Autonomous) ISBN 978-81-8064-363-7,

24) Quantitative analysis of Tangan river meander in old Malda block, Malda district, West Bengal,2021,pp-90-101. SAIARD Publication,Edited by: Dr. Tapati Banerjee, ISBN No.: 978-81-954965-0-1

25) Sustainable development of tourism in Haridwar, Uttarakhand, 44(2),Dec.2021,pp-100- 116, Indian Journal of Landscape Systems and Ecological Studies, (ISSN-0971-4170).

26) River dynamics of the Ganga and its tributaries in the Siwalik-tarai region of Haridwar district, Uttarakhand,India,February,2022,pp145-172. Anthropogeomorphology- a geospatial technology, DOI:10.1007/978-3-030-77572-8-8

27) Role of nalas in development of landforms and land use pattern with special reference to the Stakmo village, Leh valley.2023. 24(2),pp283-292, Environment conservation Journal. DOI:10.36953/ECJ.11352291 ISSN:0972-3099,

28) Mountainous hazards and sustainable livelihood in Leh valley May,2023.pp-83-104 Springer.Indigenous Knowledge and disaster risk reduction. Edited byGopal, ISBN 978-3-031-26142-8,DOI:10.1007/978-3-031-

29) Dwarka river meander characteristics: a case study near Tarapith village of Birbhum district, westbengal, India.January,2022, vol-27, The Konkan Geographer, ISSN:2277-4858.

30) Landform and land use characteristics in Leh valley with special reference to Leh city and adjacent Stakmo fan area. March, 2023, 85(1), pp1-29, Geographical Review of India, ISSN:0375-6386.

31) 'Porjoton kendrik vumi baboharer poriborton o vumi Obonomon; Joshimoth Sohor,Uttarakhand , Bhugol Sadesh Charcha pp-14-22. December, 2024, Vol-20,. ISSN: 2581-4788 .

### ***12a) Book chapters and others:***

(a) Details of publication of papers, articles etc.	Published
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	(in numbers)
(i) Research Papers – Awaiting.	2
(ii) Abstracts	42
(v) Study materials for Distance education of R.B.U. (P.G. level)	2 (Climatology & Hydrology)
(VI) Book (National Publisher)	4
<ul style="list-style-type: none"> <li>✚ <a href="#"><u>Book- Fluvial Geomorphology, Kalyani Publishers, Darvaganj, New Delhi, Delhi 110002, ISBN- 978-93-5540-348-3, 2023, 2<sup>nd</sup> edition(2024)</u></a></li> <li>✚ <a href="#"><u>Land Use Planning &amp; Management, 2015, Vol.I, ISBN- 978-81-928047-6-7</u></a></li> <li>✚ <a href="#"><u>Land Use Planning &amp; Management, 2017, Vol.II ISBN- 978-81-928047-6-7</u></a></li> <li>✚ <a href="#"><u>Geo-Environmental Issues of the New Millennium: Sustainable Planning Perspectives, Published by Dey’s publishing, Kolkata-700073, 2018</u></a></li> </ul>	

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