

# Kultali Dr B R Ambedkar College



## Faculty Academic Profile / Curriculum Vitae



1. **Name & Designation:** Dr. Sipra Biswas, Assistant Professor
2. **Affiliation:** Kultali Dr. B. R. Ambedkar College under University of Calcutta
3. **Awards and Honours:**
  - Chaired a Technical Session in Two Days National Webinar naming 'Democratic Values and Environment' organized by Department of Political Science, Swami Vivekananda Govt. P. G. College, Uttarakhand, India as a Co-chair Person on 26.08.2021.
  - Peer Reviewed an article of a Care Listed Journal naming 'Journal of racial and ethnic health disparities' on 31.03.2024
4. **Teaching Experiences & Specialization:**

20 years as Assistant Teacher and 6+ years as Assistant Professor

**A. Specializations:** Cartography in U.G. and Agricultural Geography in P.G.
5. **Academic Qualifications:**

Degrees	University/Institution
B.A.	University of Calcutta
M.A.	University of Calcutta
B.Ed.	University of Calcutta
Ph.D.	University of Calcutta
Geoinformatics (Diploma)	Cooch Behar Panchanan Barma University

## 6. Contact information:

- **Present Address:** 70/1, Rathtala (west), P.O.- Hridaypur, Dist.- North 24 Parganas, PIN-700127
- **Permanent Address:** 70/1, Rathtala (west), P.O.- Hridaypur, Dist.- North 24 Parganas, PIN-700127
- **Email:** biswassipra2020@gmail.com
- **Contact no.:** 9432150779/7980314938

## 7. Positions Held/ Holding and Experiences:

### A. Positions held

- Assistant Teacher in Chandravag Srikrishna Girls' High School from 09.07.1997 to 18.05.2001

### B. Positions holding

- Assistant Teacher in Deshapran Birendranath Institution for Girls from 19.05.2001 to 12.07.2017

### C. Positions holding

- Assistant Professor in Kultali Dr. B. R. Ambedkar College from 13.07.2017 onward

## 8. Research Domain

- <https://scholar.google.com/citations?user=6EbdODUAAAAJ&hl=en>
- <https://www.researchgate.net/profile/Sipra-Biswas-2>
- ORCID: 0000-0002-0588-7224

## 9. Selected List of Publications:

### A. Journals

- i) 'Spatio-Seasonal Variation of Salinity in Bheri (Water Bodies) in North 24 Parganas District, West Bengal, India' published in Geo-Analyst by Geographical Society of West Bengal (ISSN: 2249-2909), December, 2014, Vol. 4, No. 2, pp. 59-69.
- ii) 'Tidal Characteristics in the Hughly River' published in Geographical Review of India by The Geographical Society of India, Kolkata (ISSN: 0375-6386), June, 2015, Vol. 77, No. 2, pp. 120-131.
- iii) 'Encroachment of lands for bheri-fisheries and its adverse effects on the localities in the district of North 24 Parganas, West Bengal.' published in Indian journal of

Landscape Systems and Ecological Studies by Institute of Landscape, Ecology & Ekistics (ISSN-0971-4170), December,2018, Vol.41, No.2, pp. 169-178.

- iv) 'Identifying and quantifying brakish water bheri-culture in North 24 Parganas district, WB, India: A remote sensing and GIS approach' published in International Journal of Research and Analytical Reviews (E-ISSN 2348-1269, P- ISSN 2349-5138), January 2019, Volume 6, Issue 1, pp. 663 – 673.
- v) 'Status of institutional birth in West Bengal during Covid-19 pandemic' published in Indian journal of Landscape Systems and Ecological Studies by Institute of Landscape, Ecology & Ekistics (ISSN-0971-4170), December, 2020, Vol. 43, No. 2 pp.-152 – 157.
- vi) 'Alokchitro Porimapbidya (Photogrametry) ebong bastob jeebone lambon (Parallax) er Bhumika' published in 'Bhugol Swadesh Charcha' (ISSN: 2581-4788), June, 2022, 17<sup>th</sup> Year, Vol. 1, Page: 3 – 6. (Care Listed Journal)
- vii) 'Gender-participation in School Education during 2012 – 13 to 2019 – 20 in West Bengal' published in 'Geographical Review of India' (ISSN: 0375-6386), March-June, 2022, Vol. 84 No. 1 & 2, Page: 33 – 50. (Care Listed Journal)
- viii) 'Decadal Changes (1980–2021) of Shoreline and Mangrove Cover in Sundarban Delta, India, Using Remote Sensing and GIS' in JOURNAL OF PHYSICAL OCEANOGRAPHY, August, 2024, vol. 54, no. 8, page: 1655 – 1674, (Care Listed Journal), DOI: <https://doi.org/10.1175/JPO-D-23-0019.1>

## **B) Book chapters:**

- i) 'Present Scenario of Women-Entrepreneurship and Sustainable Growth of Women-Employment in India' Published by Dey's Publishing (ISBN: 978-93-98377-16-3), June 2018, pp.- 548-578.
- ii) 'A Glimpse of Global Browning' & 'World Biodiversity Hotspots' published by Dr. Pritha Bhattacharjee, Department of Environmental Science, University of Calcutta (ISBN: 978-81-956065-8-0), 2021 pp.- 50-51 & pp.-189-190.
- iii) 'A Glimpse on Women's Participation in West Bengal's Legislative Assembly with special reference to last three elections (2011 – 2021)' published by SOPAN (ISBN: 978-93-94113-39-8) September 2021.

- iv) 'Role of Water in Health and Hygiene' published by J. B. Books & Learnings (ISBN 978-81-962406-1-5) March 2023, pp. – 41- 44.
- v) 'Temporal Areal and Greenness Variation of Marichjhapi Island, Sundarban, India' published by SPRINGER (ISBN: 978-3-031-38003-7 <https://doi.org/10.1007/978-3-031-38004-4>)

### **C) Paper Presentation:**

#### **a) National**

- i) 'Inflection of Bheri and its retribution on fish-diversity and livelihood of local folks' presented in Tow Day National Seminar on Negotiating Nature, Culture and the Future from 28.02.19 to 01.03.19 organized by The Department of Geography, Presidency University, Kolkata

#### **b) International**

- i) 'Changing Pattern of Turbidity in the River Hooghly: A Signature of Climate Change' presented in International Seminar 2010 on Climate Change and Environmental Challenges of 21<sup>st</sup> Century from 07.12.2010 to 09.12.2010 at the University of Rajshahi, Bangladesh.
- ii) 'Wild Herbaceous Plants-Dependent Livelihood Is Squandering In Kolkata; A Sumptuous Upshot Of Urbanization' presented in Tow Day International Seminar on Sustainable Development & Inclusive Growth from 03.03.20 to 04.03.20 organized by PG Department of Geography and Department of Statistics, Lady Brabourne College in collaboration with School of Oceanographic Studies, Jadavpur University
- iii) "Development and Environment: Threats and Way Forward in India" presented in "Climate Change and Its Impact on Ecosystem: Mitigation and Adaptation" from 10.06.2022 & 11.06.2022 organized by IFEE, Kolkata, W.B., Govt Degree College Kithotran, Jammu & Kashmir, and Bhairab Ganguly College, W.B.
- iv) 'Eccentric Effects of Plants: An Unavoidable Facet of Human-Development' presented in 2nd Annual Health Geography Symposium for Ph.D. and emerging researchers 2023 organized by International Geographical Union Commission on Health and the Environment (IGU CHE), Maastricht University Netherlands,

### **13. Membership of Learned Societies:**

1. Life Member of the Geographical Society of India, Kolkata.
2. Life Member of the Institute of Landscape, Ecology & Ekistics

### **14. Other Notable Activities:**

- i) Organized a Departmental Seminar on “The Indian Sundarban Indian Sundarban – Understanding for Sustainable Development Goals” on 21.08.2019.
- ii) Participated in Faculty Development Programme on ‘Empowerment in Online Teaching, Learning and Evaluation for Combating Covid-19 Pandemic Situation’ organized by Cooch Behar College approved by Cooch Behar Panchanan Barma University from 2<sup>nd</sup> to 8<sup>th</sup> June, 2020 (7 days)
- iii) organized a Departmental Webinar on ‘Water and Power Resources Management in Disaster Situation Like Amphan Cyclone’ which was presented on 27.07.2020
- iv) Completed the online course on “Satellite Photogrametry and its Application” conducted by Indian Institute of Remote Sensing (IIRS) during 29.06.2020 – 03.07.2020 (5 days)
- v) Organized a Career Counselling program as a convener with IQAC on 11.09.2021 (YouTube link: [https://youtu.be/YO0ifJ\\_H1Sw](https://youtu.be/YO0ifJ_H1Sw))
- vi) Organized a Departmental Seminar associated with IQAC to celebrate ‘Earth Day’ on 22.04.2022.
- vii) Organized a cultural program as a member of cultural committee to celebrate Shuvo Bijoya on 18.10.2021
- viii) Organized an Awareness Program on Different Psychological Issues Associated with Ragging and Harassment as a Joint-Convener of Internal Complaint Cell on 10.10.2021.
- ix) Attended and successfully completed the Short-Term Course (STC) in Agriculture and Rural Development organized online by UGC-Human Resource Development Centre, University of Calcutta during 02.03.2022 to 08.03.2022.

- x)** Attended and successfully completed the Short-Term Course (STC) in ICT Enabled Learning organized by UGC-HRDC, Kumaun University, Nainital during 20.06.2022 to 27.06.2022.
- xi)** Organized 'GEO-QUIZ' on 07.11.2022 in the Department of Geography.
- xii)** Organized Students Observation Week from 02.01.23 to 07.01.23.
- xiii)** Organized Poster Presentation on 02.05.23 in the Department of Geography.
- xiv)** Participated one Week Online Workshop on Advance Statistical Data Analysis using SPSS. organised by Uttar Pradesh University of Medical Sciences & Science Tech Institute, Lucknow from 21.01.23 to 27.01.23.
- xv)** Participated in National Level Faculty Development Programme on Digital Tools in Teaching Learning Process & Research organized by IQAC, Maheshtala College, Kolkata and IQAC, Uluberia College, Howrah from 19.06.23 to 23.06.23.
- xvi)** Organized different programs to celebrate 'Students Observation Week' from 02.01.24 to 08.01.24.
- xvii)** Organized Departmental Reunion as Head of the Department on 16.10.2023.
- xviii)** Organized an Awareness Workshop as Convener of ICC on 27.09.2023.
- xix)** Participated in One Week FDP organized by Bhau Rao-Devras Shodh Peeth, University of Lucknow & Science Tech Institute, Lucknow from 21.08.23 to 27.08.23.
- xx)** Participated in Short-Term Course in Yoga and Wellness organized by UGC-HRDC, Nainital from 28.11.2023 to 04.12.2023.
- xxi)** Completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by (University/ College) MM-TTC, University of Calcutta from 03.01.2024 to 11.01.2024.
- xxii)** Supervised Field Work and Guided in preparation of Project Report at 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.

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