

Name: Gopal Chandra Banik
Designation: SACT – I
Qualification: B.Sc. (Honours in Geography)
M.Sc. (Geography)
B.Ed.
PG Diploma (GIS & Remote Sensing)



Department: Geography

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Research areas: Urban Geography, Transportation Planning, Disaster Management.

Other Relevant Information: UGC NET, June 2012; CSIR & UGC NET, June 2013.

Perusing PhD from IEST Shibpur. Howrah.

List of publications in Journals / Chapters in Books / Seminar Proceedings:

- 1. Globalization and Its Consequences in Third World Countries with Special Reference to Indian Economy. A Dynamic Approach to Globalization on Its Twenty Fifth Year, 2015. (ISBN 978-93-83368-68-6)**
- 2. A Network-Efficiency Based Approach for Benchmarking of Transportation Connectivity Indices: Few Case Studies from Indian Scenario. Proceedings of 36th Indian Geography Congress (NAGI): Urban Systems, Rural Livelihood Security and Resource Management, 2015. (ISBN 978-93-85215-03-2) (Co-authored with Dr. Subrata Kumar Paul)**
- 3. Forecasting of Travel Demand Characteristics in Aizwal City. Proceedings of RATE, 2015. (ISBN 978-93-84869-65-6) (Co-authored with Ananya Roy, Shibesh pandit, Dr. Subrata Kumar Paul and Dr. Sudip kumar Roy)**
- 4. Identification of Flood-Vulnerable Road Segments using Remote Sensing (RS) and Geographic Information System (GIS) Techniques. Proceedings of UGC sponsored national seminar at Dr. Kanailal Bhattayacharya College, 2016. (Co-authored with Dr. Subrata Kumar Paul and Dr. Sudip kumar Roy)**
- 5. Planning 'Robust' Road Networks for Flood Risk Management: A Literature Review. International Journal of Advanced in Management, Technology and Engineering Sciences. Volume 8, Issue IV, APRIL 2018. (ISSN 2249-7455). (Co-authored with Dr. Subrata Kumar Paul and Dr. Sudip kumar Roy)**
- 6. A Regression Based Approach for Rapid Estimation of Efficiency of Road Networks Using Connectivity Measures: Case Studies in Indian Scenario. International Journal of Research in Social Sciences. Volume. 8 Issue 10, October 2018. (ISSN 2249-2496). (Co-authored with Dr. Subrata Kumar Paul).**
- 7. Robustness and Flood Disaster Management: A Graph Theoretic Approach. Importance and Utilities of GIS. 2019. (ISBN 978-81-939776-6-8).**

List of published Books:

1. **আধুনিক আবহাওয়া ও জলবায়ু বিজ্ঞান** (*Adhunik Abahawa o jalobayu Biggan*). Nabodaya Publications, Kolkata, 2018. (Co-authored with Dr. Yudhistir Hazra). (ISBN 978-81-927108-6-0)
2. **ভূগোলে রাশিতত্ত্বের প্রয়োগ** (*Bhugole Rashitotter Proyog*). Nabodaya Publications, Kolkata, 2020. (Co-authored with Dr. Yudhistir Hazra). (ISBN 978-81-927108-5-3)
3. **পরিবেশবিদ্যা সুফলম্** (*Poribeshbidya Sufalam*) for **Class XI**. Kotha O Kahini Prakashani, Kolkata, 2017. (Co-authored with Dr. Yudhistir Hazra). (ISBN 978-81-87284-46-3)
4. **পরিবেশবিদ্যা সুফলম্** (*Poribeshbidya Sufalam*) for **Class XII**. Kotha O Kahini Prakashani, Kolkata, 2018. (Co-authored with Dr. Yudhistir Hazra). (ISBN 978-81-937095-1-1)
5. **স্নাতক আবশ্যিক পরিবেশবিদ্যা** (*Snatak Abashik Poribeshbidya*), Nabodaya Publications, Kolkata, 2018. . (Co-authored with Dr. Yudhistir Hazra).

List of Paper Presented in Seminars:

1. **Women Empowerment in 20th Century**. UGC Sponsored national level Seminar organized by Sammilani Mahavidyalaya on 25th February, 2011.
2. **A Network-Efficiency Based Approach for Benchmarking of Transportation Connectivity Indices: Few Case Studies from Indian Scenario**. A national level Seminar organized by National Association of Geographer, India(NAGI), at Department of Geography, University of Rajasthan, Jaipur on 17th November, 2014.
3. **Forecasting of Travel Demand Characteristics in Aizwal City**. A national level Seminar organized by SVNIT Surat, Gujrat on 3rd June, 2015.
4. **Identification of Flood-Vulnerable Road Segments using Remote Sensing (RS) and Geographic Information System (GIS) Techniques**. UGC Sponsored national level Seminar organized by Dr. Kanailal Bhattyacharya College on 9th September, 2016.
5. **Urban Transportation Demand of Imphal. A State Level Seminar** organized by Indian Building Congress, WB at Pranjali, PWD Campus, Kolkata on 10th September, 2016.

List of Seminars and Workshops participation:

1. **One-day workshop on Proposed Geography Syllabus (Hons. & General) under CBCS System and introduction of open source software** organized by Lady Brabourne College and CU at Lady Brabourne College on 15th September, 2017.
2. **Workshop on Q-GIS** organized by Department of Geography, Loreto College and CU at Loreto College on 21st September, 2017.
3. **Workshop on Flood Disaster and Management** organized by Department of Civil Engineering, JU on 20th December, 2017.
4. **Workshop on “Implementation of CBCS in UG Studies in Geography (Sem 3 & 4)** organized by Shri Shikshayatan College and Board of UG Studies at Department of Geography, Shri Shikshayatan College on 26th April, 2019.
5. **Workshop on Remote Sensing, GIS and GNSS** organized by Department of Geography, Loreto College and CU at Loreto College on 10th January, 2020.

Academic Responsibility:

- Theory and Practical portion of Geomorphology, Climatology, GIS and RS, Surveying, Regional Planning etc.

- Supervised two Excursions and consecutive Field Reports (As a part of the syllabus of 3rd year Honours) on Srikona mouza at Chadipur, Orissa in 2018 and Reckong Peo town, Himachal Pradesh in 2019.
- Earlier I have Supervised excursions on Kausani, Uttarakhand; Mt. Abu, Rajasthan; Ooty, Tamilnadu; Namchi, Sikkim; Shillong, Meghalaya etc. in different colleges.

Project: Nil

Teaching Experience:

1. **January, 2020 to present:** working as SACT in the department of Geography at *Swami Niswambalananda Girls' College, Hooghly*.
2. **September, 2016 to December 2019:** worked as Guest Lecturer in the department of Geography at *Swami Niswambalananda Girls' College, Hooghly*.
3. **September, 2017 to December 2019:** worked as Guest Lecturer in the department of Geography at *Rani Birla Girls' College, Kolkata*.
4. **August, 2018 to December 2019:** worked as Guest Lecturer in the department of Geography at *Maharaja Srischandra College, Kolkata*.
5. **October, 2013 to August, 2016:** worked as Senior Research Fellow (SRF) at *School of Ecology, Infrastructure and Human Settlement Management, IEST, Shibpur (BESU)*.
6. **February, 2012 to December 2019:** worked as visiting Lecturers in the department of Geography at *Dr. Kanailal Bhattayacharya College, M.Sc. study center of Vidyasagar University*.
7. **September, 2011 to October, 2013:** Worked as Guest Lecturer in the department of Geography at *Bijoy Krishna Girls' college, Howrah*.