# **Dr. Abhinanda Bal**

DOB: 11.11.1988

M.Sc.; Ph.D.

State Aided College Teacher(SACT-1)

Dr. A. Bal joined as State Aided College Teacher (SACT-I)in Geography in 2017

## **Contact Address with Phone:**

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## **Research Area/ Areas of Interest:**

- Geomorphology.
- Issues on Coastal Geography.
- Coastal Management etc.

## **Course/ Subject Taught/ Teaching Interest:**

- Geomorphology and Coastal Geomorphology
- Climatology
- Research Methodology etc.

## Awards/ Honours/ Recognitions:

• Awarded National Eligibility Test for Assistant Professor (CSIR-NET, 2013, Rank-12, NET Lectureship).

## **Teaching, Learning and Evaluation:**

- Teaching at the U. G. Honours Level for 7 years.
- Paper Setter and Examiner, and of U. G. Honours Exams of V. U. since joining.
- Guest Lecturer at Department of Geography from23/10/2017 to 31.12.2019 in K.D College of Commerce & General Studies, Paschim Medinipur, PIN- 721101 under Vidyasagar University, West Bengal.

#### **Co-Curricular, Extension and Professional Development:**

- Member, Cultural Sub-Committee (Since September, 2023).
- Member, Research Sub-Committee (Since September, 2023).
- Member, Wall Magazine Sub-Committee (Since September, 2023).

#### **Extra Qualifications**:

- National Workshop on "Essential Laboratory and Field Techniques in Geosciences" organized by Vidyasagar University, Midnapore, from December 16-23, 2016.
- Short term course on Methodology Program for Research Scholars organized by UGC, Human Resource Development Centre (HRDC), Jadavpur University, Kolkata, March, 2016
- Off-Campus Outreach Certificate Program on application of "Remote Sensing and GIS for Natural Resources" organized by Indian Institute of Remote Sensing(ISRO), Dehradun, from January 27 to March 27, 2015.
- Certificate course on "Geographical Information System (GIS)- Professional Module", from Micro Solutions under Webel Informatics Ltd., Kolkata, May 2012.
- Certificate course on "Geographical Information System (GIS)- 21<sup>st</sup> Century GIS Software", from Micro Solutions under Webel Informatics Ltd., Kolkata, May 2010.

#### Conference/Seminar/Webinar/ Workshop Organised:

- Organising Secretary, National Seminar on "Man, Environment and Society: An Inclusive Geographical Approach", organised by Dept. of Geography, K.D. College of Commerce & General Studies, Midnapore, W.B., India, June, 19, 2023.
- **Member,** Special Lecture on "Environmental Issues and Sustainable Remediation", organised by Oasis (Eco-Club) In Collaboration with Dept. of Geography, K.D. College of Commerce & General Studies, Midnapore, W.B., India, June, 15, 2023.

- Member, National Seminar on "Beat Plastic Pollution", organised by National Service Scheme (NSS) Units, K.D. College of Commerce & General Studies, Midnapore, W.B., India, June, 05, 2023.
- **Convenor,** State Level Webinar on "Sustainable Green Environment: A Call from Rural Bengal", organised by Dept. of Geography, K.D. College of Commerce & General Studies, Midnapore, W.B., India, June, 30, 2022 at 12.00 p.m.

[Google Meet Link:httpsYoutubeLink:https://youtu.be/wj1jGB2cxA8]

 Convener, Two Days National Webinar on "Changing Physical, Economic and Cultural Landscapes: Understanding the Geographic Process and Perspectives", Organised by K.D College of Commerce & General Studies, Midnapore, W.B, India, September 21<sup>st</sup> and 22<sup>nd</sup>,2020 at 11 a.m.

[YouTube Link: https://youtu.be/iUvrxhXqczY.]

## **Publications in Journals//Book Chapters:**

#### A. Journals:

- Barman, S., Routh, A., Rana, D., Mahata, U., Bal, A. and Bhunia, A. (2024). Unveiling urban sprawl and sustainable growth: A Geospatial Analysis of Midnapore Kharagpur Development Authority (MKDA), India. *GeoJournal*, Springer (IF 2.7). https://doi.org/10.1007/s10708-024-11112-8.
- Goswami, A., Sen, T. S., Kamila A., Parvin J., Sultana F., Bal, A. and Paul A. K. (2021). Assessment Of Trends And Variability Of Post-Monsoon Rainfall For Some Selected Districts Of Gangetic West Bengal, India. *Indian Journal of Geography and Environment Vidyasagar University*,0972-7388,Vol- 17-18, pp-39-46.
- Kamila, A., Bal, A., Sen, T.S., Parvin, J., Sultana, F., Goswami, A., and Paul, A.K. (2018). An Integrated Gis Approach For Assessment Of Ground Water Potential Zone A Case Study On The Upper Catchment Area Of Subarnarekha River. *Indian Journal of Geography and Environment Vidyasagar University*, 0972-7388, Vol- 15-16, pp- 1-11
- **Bal,A.**and Paul, A.K. (2017). Micro Terrain Features Extracted From Total Station Data And Morphometric Analysis Related To The Beach Dune Interface Of Coastal Tract Of Dakshin Purusottampur Village, Purba Medinipur West Bengal. *Journal of the Indian National Cartographic Association (INCA)*, 0927-8392, Vol-37, pp-229-237
- Paul, A.K., Jana, S., Kamila, A., Bal, A., Sultana, F., Soren, S. and Mondal, D. (2016). Problems of Some Erosion Affected Areas of Sagar Island and Proposal for Mangrove Ecotourism Development Sites in Sustainable Manner. *Eastern Geographers*, Vol. XXII, No. I, Jan, 2016, pp. 569-582, ISSN 0973-7642
- **Bal,A.**and Paul, A.K. (2016). Constraints in the Diversification of Livelihood of the People on the Low Lying Coastal Stretch of Mandarmani and Adjacent Area. *Journal of the Indian National Cartographic Association (INCA)*, Vol-36, Part-II, ISSN 0927-8392

# **B.** Chapters in Books:

• **Bal, A.** and Paul, A.K. (2023). Beach Stage and Dune Stage Modelling Approach in the Geomorphological Evolution of Beach Dune Landscapes, Mandarmoni Coast. *India: Crisis on the Coast and Hinterland: Assessing India's Coast with Geomorphological, Environmental and Remote Sensing and GIS Approach*, 978-3-031-42230-0, pp-79-97