

**Seminar/Conference/ Workshop:**

Year	Status	Organizer (s)	Venue	Presented Paper.
2010	UGC national Seminar	Department of Geography and Env. Mngt.	24 <sup>th</sup> -25 <sup>th</sup> February, 2010. Vidyasagar University, Midnapore.	The Metric Signature of Atmospheric Temperature in Midnapore weather Observation Station.
2012	International Conference	Department of Geography, University of Calcutta.	10 <sup>th</sup> -12 <sup>th</sup> March, 2012, Calcutta University.	Nature of Warming in South Bengal during 1891-2005: An analysis of lower atmospheric temperature data from four meteorological stations.
2012	IGI-National Conference	Department of Geography, University of Allahabad.	22 <sup>nd</sup> -24 <sup>th</sup> December, 2012. University of Allahabad.	Trend analysis of lower atmospheric temperature data at Midnapore weather observation station.
2013	International Conference (IGU)	Department of Geography, M.D. University, Rohtak.	14 <sup>th</sup> -16 <sup>th</sup> March, 2013. M.D. University, Rohtak, Haryana.	Lower atmospheric temperature trends in Midnapore weather observation station.
2013	International Conference	Department of Geography, Andhra University.	23 <sup>rd</sup> -24 <sup>th</sup> June, 2013. Andhra University, Visakhapatnam.	Linear Regression analysis of Lower Atmospheric Temperature Data in South Bengal By Autocorrelation Method.
2014	International Conference of Indian Institute of Geomorphologists (IGI)	Department of Geography & Env. Mngt. & Remote Sensing, Vidyasagar University, Midnapore	14 <sup>th</sup> to 17 <sup>th</sup> November, 2014	Synoptic analysis of Rainfall data of West Bengal since last hundred years: 1901-2000.
2015	UGC sponsored National Level Seminar	Department of Geography, Egra S.S.B. College	25 <sup>th</sup> & 26 <sup>th</sup> February, 2015	Variation of mean monthly and seasonal surface air temperature in South Bengal, India
2015	UGC sponsored State level Seminar	Department of Geography, Egra S.S.B. College	25 <sup>th</sup> & 26 <sup>th</sup> February, 2015	Physico-Chemical Analysis of Ground Water in different seasons in Egra Sub-Division Area, West Bengal, India.
2015	UGC sponsored State level Seminar	Department of Geography, Egra S.S.B. College	25 <sup>th</sup> & 26 <sup>th</sup> February, 2015	Analysis of Crop- Diversification with Spatio-temporal Concern in Paschim Medinipur District, West Bengal, India.
2015	UGC sponsored State level Seminar	Department of Geography, Egra S.S.B. College	25 <sup>th</sup> & 26 <sup>th</sup> February, 2015	Comparative Analysis of Urbanization in West Bengal: A Quantitative Statistical Approach.

2015	UGC sponsored State level Seminar	Department of political Science, Egra S.S.B. College	26 <sup>th</sup> & 27 <sup>th</sup> February, 2015	Analysis of population diversification Indices in Paschim Medinipur district.
2015	UGC sponsored Two days National Level Seminar	Department of Geography, Ramnagar College	9 <sup>th</sup> & 10 <sup>th</sup> October, 2015	Analysis of air temperature variability and trend using non-parametric test for Kolkata observatory, West Bengal, India.
2017	UGC sponsored National Seminar	Department of Zoology Egra S.S.B. College	15 <sup>th</sup> Feb to 16 <sup>th</sup> February, 2017	Analysis of Lower Atmospheric Temperature Variability of Four observatories in Southern part of West Bengal through 100 years (1901-2000) temporal time series.
2019	State Level Seminar	Department of Zoology, Egra S.S.B. College	18 <sup>th</sup> April, 2019	Change Intensity Analysis in a Coastal Watershed of Shankarpur Coastal Area
2019	International Seminar	Department Science, Subarnarekha Mahavidyalaya, Gopoballavpur, Paschom Medinipur.	13 <sup>th</sup> & 14 <sup>th</sup> March, 2019	Detection of Approximate Significant Change Point in Surface Air Temperature.....
2019	International Seminar	Department of History and Geography, Bajkul Milani Mahavidyalaya.	5 <sup>th</sup> , 6 <sup>th</sup> & 7 <sup>th</sup> February, 2019	Temporal Trend Analysis of Rainfall Time series of Jalpaiguri Weather Observatory by Sequential Mann-Kendal Test, West Bengal, India

### Orientation/ Refresher Course:

Sl.	Course	Institution	Tenure
1.	UGC Sponsored Orientation Course.	Academic Staff College ( University of Burdwan, West Bengal)	16 may to 12 June, 2009.
2.	Youth Affairs & Sports, Govt. of India Sponsored Orientation Course.	Training Orientation & Research Centre, R.K.Mission, Narendrapur, Kolkata.	23 <sup>rd</sup> -28 <sup>th</sup> May, 2011
3.	UGC Sponsored Refresher Course.	Academic Staff College (JNU, New Delhi.)	2 <sup>nd</sup> April to 27 <sup>th</sup> April, 2012.
4.	UGC Sponsored Refresher Course.	Zoology Dept. Vidyasagar University. Geospatial Technology.	2 <sup>nd</sup> December to 28 <sup>th</sup> December, 2016
5.	UGC Sponsored Short Term Course	University of Burdwan	19 <sup>th</sup> September to 25 <sup>th</sup> September, 2019