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Designations and Department	Assistant Professor and Head, Department of Geography	
Qualifications	<ul style="list-style-type: none"> • M.Sc. in Geography from The Maharaja Sayajirao University of Baroda. (2008) • Ph.D. in Geography from The Maharaja Sayajirao University of Baroda. (2015) • UGC NET (Geography) (2011) • CSIR-NET (JRF) (Earth, Atmospheric, Ocean and Planetary Sciences) (2011) 	
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About: My Ph.D. thesis was on ‘*Identification and Spatial Analysis of Groundwater Vulnerability Zones of Murshidabad District, West Bengal*’. I worked at Department of Geography, Faculty of Science, The Maharaja Sayajirao University of Baroda as temporary lecturer for 4 years and worked as an Assistant Professor in Geography in a private university (Mody University of Science and Technology, Lakshmanagarh, Sikar, Rajasthan) for 7 years.

Research Interest: Groundwater contamination and modeling, Agricultural dynamics, Remote Sensing and GIS.

Publications:

Sr. No.	Title	Name of the Journal/Book, Vol. No., Year with ISSN No.
1.	Appraisal of long-term responsiveness of normalized difference vegetation index to climatic factors using multiscale time–frequency decomposition in an arid environment	Frontiers in Earth Science, 11 (2023): 1265292. ISSN: 2296-6463
2.	Evaluation of Spatio-temporal dynamics in agriculture in arid and semiarid region of Rajasthan, India-A statistical approach."	Journal of Applied and Natural Science 15, no. 3 (2023): 1036-1043. ISSN: 2231-5209
3.	Agricultural Land Suitability Categorization and Evaluation using GIS Assisted AHP in the Arid Western Plain Zone of Rajasthan, India."	Indian Journal of Agricultural Research 57, no. 4 (2023). ISSN: 0367-8245
4.	Geospatial Evaluation of Cropping Pattern and Cropping Intensity Using Multi Temporal Harmonized Product of Sentinel-2 Dataset on Google Earth Engine.	Applied Sciences, MDPI, 12, no. 24 (2022): 12583. ISSN: 2076-3417

5.	Application of geospatial technique in identification of cropping pattern and cropping intensity in central Gujarat, India	Transactions, ISSN 0970-9851 Vol. 42, No. 2, 2020 pp-247-256
6.	Seasonal Pattern of Groundwater Geochemistry Using Multivariate Statistical Technique in The Bengal Alluvial Tract, India	Purakala (UGC care list enlisted) Vol. 31, Page no. 325-340, ISSN: 0971-2143, 2020
7.	An Evaluation of Sub-Surface Water Quality Around Bharuch-Surat Industrial Region, Gujarat, India	Annals of National Association of Geographers, India, ISSN: 0970-972X Vol. 38, No. 2 (Jul-Dec. 2018)
8.	Physico-chemical Appraisal of Sub-surface Water Characteristics in the Coastal Urban Industrial Belt of Mainland Gujarat, India. (Book Chapter)	Advances in Urban Studies in India, ISBN: 9789382847922, Publisher: RK BOOKS, Product Year: 2018
9.	Aquifer Vulnerability Assessment in the Bengal alluvial tract, India, using GIS based DRASTIC Model	Modeling Earth System and Environment, Springer (2016) 2: 153. Page 1-13 doi:10.1007/s40808-016-0208-5 ISSN- 2363-6211
10.	Regional Dynamics in an Industrial Region of South Gujarat, India-A Geospatial Perspective	International Journal of Geomatics and Geosciences, (2015) Volume 5, No 4, 2015 page. 592-602, ISSN 0976-4380
11.	Geoenvironmental Appraisal of Groundwater Quality in Bengal Alluvial Tract, India- A Geochemical and Statistical Approach	Environmental Earth Sciences, Springer, (2014)72:7 2475-2488, DOI 10.1007/s12665-014-3155-3, ISSN 1866-6280
12.	Identification Of Groundwater Arsenic Contaminated Vulnerability Zones In Alluvial Tract Of West Bengal, India	Journal of Energy, Environment & Carbon Credits Volume 2, Issue 1, April 2012, Pages 1-12 , ISSN-2249-8621
13.	Spatial Analysis of Accessibility and Utilisation of Primary Health Centre Using GIS: A Case Study of Nadia District, West Bengal.	Regional Symbiosis Volume 20, 2012, Pages 7-20 ISSN- 0972-2041
14.	Spatio-Temporal Pattern of Groundwater Arsenic Concentration in Thick Unconfined Aquifer of Murshidabad District, West Bengal, India	Universal Journal of Environmental Research and Technology, Vol. 1, Issue- 3, Oct-2011, Pp. 311-319, ISSN 2249 0256
15.	Groundwater Arsenic Contamination and Health Status in Nadia District, West Bengal	The Deccan Geographer, Vol. 49, No. 1, June 2011, Pp.51-63, ISSN-0011-7269
16.	Urban Environment And Health: A Case Study Of Diabetes Mellitus In Vadodara City, Gujarat	Bhootal Digidarshan (Earth Surface Review), Vol-1, No-2, Dec-2010,pp. 21-27, ISSN-0976-0768
17.	Arsenic Contaminated Groundwater :Greatest Human Health Catastrophe in Nadia District India	Asia Pacific Journal of Social Sciences, Vol.I (2), June-December 2009, pp. 123-143, ISSN 0975-5942
18.	Dynamics of Regional Development: A Case Study of Gujarat, India.	Eastern Geographer, Vol XV, No-I, Jun. 2009, pp-83-88, ISSN 0973-7642
19.	Dimensions of Infrastructural Development In Madhy Pradesh	Annals of National Association of Geographers, India, Vol. No. XXIX, June 2009, pp. 44-52, ISSN- 0970-972X