

Papers Taught: - (Experience-08 Session)

- Remote Sensing
- Aerial Photography
- GIS
- Hydrology
- Oceanography
- Statistics
- Political Geography
- Economic Geography
- Geography of India
- Regional Geography of India with special reference to Haryana

Publications- Research Papers

(h-index 4, i10 index-1)

Sr. No.	Title with page no.	Name of the Journal, Vol., ISSN/ISBN	Year of Pub.
1.	Geospatial Techniques Based Geomorphologic Mapping in Fatehabad District Haryana", (pp.3780-3788)	International Journal of Creative Research Thoughts (UGC-Approved, ISSN: 2320-2882	2017
2.	Monitoring Gangotri glacier Using Remote sensing and GIS Technique (pp. 21-25)	International Journal of Engineering Research in Computer Science and Engineering (UGC-Approved), ISBN/ISSN: 2394-2320	2018
3.	Causes of Replacing Geographical Traditional Mapping into New World Digital Mapping Through Geospatial Techniques (pp. 26-28)	International Journal of Engineering Research in Computer Science and Engineering (UGC-Approved), ISBN/ISSN: 2394-2320	2018
4.	Assessment of Impacts of Climate Change on Trend and Pattern of Wheat Crop in Haryana: A Geographic Analysis (pp. 374-383)	International Journal of basic and Applied Research (UGC-Approved), P-ISSN-22493352, E-ISSN-22780505	2018
5.	Assessment of Socio-Economic Status of Parsha and Barod Villages of Kullu District of Himachal Pradesh: A Geographic Analysis	Journal of Geography, Environment and Earth Science International (ISSN: 2454-7352)	2018
6.	Remote Sensing and GIS Based Groundwater Prospects and Quality Assessment in Fatehabad District, Haryana	i-Manager's Journal on Future Engineering and Technology	2018
7.	Role of geospatial application in waterlogging and salinity assessment: a review	Our Heritage (UGC care Listed)	2019
8.	Geospatial application in land use/land cover change detection for sustainable development: the case of Central Haryana	Geomatics and Environmental Engineering (Scopus)	2021
9.	GIS-based review for monitoring the spatial distribution of Covid-19: a case study of Haryana	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2022

Conference/seminars/workshop papers

Sr. No	Title of Paper/ Theme /Seminar	Nature of Conference/Seminar	Organized by
1.	Significance of Geospatial Technology in National Security/ Changing Security Environment: Indian Perspective	National	Govt. P.G. College, Hisar
2.	Remote Sensing and GIS-Based Groundwater Prospects & Quality Assessment in Fatehabad District, Haryana/ Climate Change and Water Research	International	Suresh Gyan Vihar University, Jaipur
3.	Monitoring Gangotri Glacier Using Remote Sensing and GIS Technique/ International Conference on Geography	International	Institute of Scientific and Engineering Research, Jaipur
4.	Global Warming	National	Chhaju Ram Memorial Jat, College, Hisar
5.	Application of Geospatial approach in evaluating the impacts of soil salinity on total cultivated area in Central Haryana	International	IGU & UGI Udaipur
6.	Geospatial Application and Land Degradation Monitoring for Sustainable Development in Central Haryana, India	National	SPPU Pune
7.	Comparative Analysis of NDVI and SAVI indices for Vegetation Change in Central Haryana	International	S B S College Uni. of Delhi
8.	Positivity of covid-19 pandemic-imposed lockdown on air quality: a case study of New Delhi	International	ICERT& FC College, Hisar
9.	Analysis of agriculture distress on farmer's lives in India	International	KUK
10.	GIS-based review for monitoring the spatial distribution of Covid-19: a case study of Haryana	National	MM PG College Fatehabad
11.	Women dignity: Social changes and sustainable development	National	GCW, Sirsa
12.	An assessment and monitoring of land degradation using geospatial technology in Hisar	National	MM PG College Fatehabad
13.	Using Remote Sensing and GIS to model and map environmental aspects: a review	National	GC Sampla, Rohtak
14.	A perspective on why you should care- Taking care of our Common Home	National	Dayanand College, Hisar
15.	Green is the New Gold: sustainable Eco Tourism in India	National	Govt. College, Hisar

Organize Conference/Seminar

Organizing Member, National Seminar on “One Earth to Share and Care: Emerging Geographical Issues and Prospects”, Department of Geography, Dayanand College, Hisar, 04th March, 2023

(Dr. Surender Kumar)