

# Progress Report

2021-22 & 2023



**Department of Geography**  
**Shivharsh Kisan Post Graduate College**  
**Basti, Uttar Pradesh .**

# Progress Report 2021-22 & 2022-23

## Introduction:

The Department of Geography is one of the oldest departments of the college. It has made satisfactory progress in the past and has continuously made a significant effort to achieve academic heights with the support of faculty members, research scholars and its students. This progress report of the department covers the period of achievement from 1<sup>st</sup> July 2021 to 23<sup>rd</sup> May 2023 to provide an overview of the activities, achievements, challenges, and future plans of the Geography Department. The Geography Department is an integral part of the college, offering undergraduate and postgraduate programs in Geography. Our primary goal is to provide quality education, and research, and promote geographic awareness among our students.

## Academic Programs and Curriculum:

During the reporting period, the Geography Department continued to offer a comprehensive range



of academic programs. We provided both theoretical and practical knowledge to our undergraduate and postgraduate students in Geography, including subjects such as Physical Geography, Climatology, Human Geography, Economic Geography, Resource planning, Geographical Thought,

Geographical Techniques, Environmental Studies, and Remote sensing & Geographical Information Systems (GIS). The curriculum was periodically reviewed and updated to align with the changing needs of the students.

### Faculty Members:

The department boasts a highly qualified and dedicated team of 5 faculty members. The teaching staff comprise of experienced professor (**Prof Pradip Kumar**), and assistant professors (**Dr Rohit Singh, Mr Vishal Prakash, Mr Sanjai Singh and Dr Bijay Kumar Singh**) who are well-versed in their respective fields of specialization. They actively engaged in research, attended conferences, and published papers in renowned journals. In the 2022 -23 academic session, Dr Bijay Kumar Singh joined the department as a permanent faculty member.

### Research and Publications:

Research plays a vital role in the development of the department. During the reporting period, faculty members and students actively being engaged in Ph.D research projects in various domains of geography. The department encouraged and supported research activities by providing necessary resources, and guidance. The faculty members **published 17 research papers during the reporting period & their research findings in reputed national and international journals**, contributing to the academic community's knowledge base as under

	Topic	Academic Year	Published
1	Transcending Boundaries for Sustainability in the Koshi Basin: Contestations and Cooperation	2021-22	<a href="https://www.routledge.com/Water-Conflicts-and-Resistance-Issues-and-Challenges-in-South-Asia/Dutta/p/book/9780367367299">https://www.routledge.com/Water-Conflicts-and-Resistance-Issues-and-Challenges-in-South-Asia/Dutta/p/book/9780367367299</a>
2	A Geographical Analysis of Role of E-Learning in the 21st Century Teaching-Learning Process in India.	2021-22	Bengal, Past and Present, Vol. 117, Issue IV, 494–495.
3	The Impact of Education on the Empowerment of Scheduled Caste Women in India : A Systematic Review of the Literature	2021-22	Poonam Shodh Rachna (ISSN 2456-5563) (A multidisciplinary, peer reviewed and refereed Research Journal) Vol.1, Issue.VII, September 2022, PSR-2209029 <a href="http://www.poonamshodh.in">www.poonamshodh.in</a> Page 1
4	Implementation of Remote Sensing in Geography Teaching: Potentials and Challenges.	2021-22	Information Technology, and Social Science (2021), ISBN: 978-1-68576-209-4. Publisher: INSC International Publishers, pp 148-159.
5	Effect of Teaching through Remote Sensing on Geographical Concept Development: A Quasi-Experimental Study.	2021-22	21st Century Innovations in Management, Science, and Technology, Education, and Social Sciences (2022) ISBN: 978-1-68576-

			279-7 Publisher: INSC International Publishers, pp 200-206,
6	Analysis of Social Crime Patterns in Regions Based on Demographic (Geographical) Distribution	2021-22	Review of International Geographical Education Online. 11(7): 2827–2842.
7	A Geographical Analysis of Potentials and Challenges of Geospatial Technologies in Agriculture. Changing Face of Agriculture, Agri-Business, Agriculture Marketing and Organic Farming- Innovation and Strategies	2021-22	Iterative International Publishers ,First Volume – 2022
8	Impact of ICT on Empowerment of Scheduled Caste Women in Basti District	2021-22	Aryavat Shodh Vikash sansthan Baliya .ISBN 978-81-959908-0-
9	A comparative analysis of artificial intelligence in mobile Health care and its impact on health care networking: a critical perspective on health care system	2021-22	International Journal of Biology Pharmacy and Applied Sciences.Special Issue 2021, 10(11) pp-163-176
10	Ambient air quality during the Diwali festival in the year 2021 -22 : A case of Gorakhpur City, Uttar Pradesh,	2021-22	International Journal of Applied Social sciences, Vol , 9 ( 3&4) March & April 2022 : 104-108
11	Water Quality Assessment of River Kuwano, Basti (U.P.), using WQI and Pollution indices	2021-22	. Ecology, Environ. And Conservation, (UGC Care List II).
12	An Appraisal of Segregation and Recycling of Household Waste in Kanpur City, India	2022-23	Indian Journal of Space Science, Vol. 14 No. 1 Pp. 65-77 (ISSN: 2249-3921)
13	A Geographical Assessment of Flood Vulnerability in Lower Reaches of the Kosi Basin, India	2022-23	Indian Journal of Space Science, Vol. 14 No. 2 Pp. 13-22-77 (ISSN: 2249-3921)
14	Assessment of Community Perception on Solid Waste Generation and Its Management: Evidences from Kanpur City, India	2022-23	Indian Journal of Space Science, (Accepted in Press), (ISSN: 2249-3921)
15	Solid Waste Management Practices and Their Consequences on Human Health: A Case Study of Kanpur City, Uttar Pradesh	2022-23	Geographical Journal, Vol. (Accepted in Press), (ISSN: 0975-4903) UGC care listed )
16	Assessing Climate Risks at the District Level in Bihar State: Implications for Adaptation and Resilience Planning	2022-23	Geographical Journal, Vol. (Accepted in Press), (ISSN: 0975-4903) UGC care listed )



17	Eco Friendly Insect Repellent : Preparation and effect on plant Health	2022-23	Research Journal of Agriculture Sciences, Vol 14 Issue 01, pp 236-238, (UGC Care listed )
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### Infrastructure and Facilities:

The Geography Department is well-equipped with state-of-the-art facilities to facilitate effective teaching and learning. The college provided **spacious classrooms, well-equipped with survey instruments, and a library** with an extensive collection of books, and journals. Additionally, the



department organized **field trips, excursions, and practical sessions** to provide hands-on experience to students. During 2022-23, the students of the **Master's Degree visited Nainital** as an educational tour.

## Student Achievements and Co-Curricular Activities:

Our students have consistently shown excellent academic performance and participated in various co-curricular activities. Several students secured top ranks in university examinations, reflecting the high standard of education provided by the department. **In 2020-21 Mr Manish Kumar Chaudhari secured the highest marks in his master's Degree and received a gold medal from the University. He also cleared NET JRF in 2022-23 and presently perusing his PhD from the department.** In last two consecutive years the department of geography has given two university toppers. **In 2021-22 Ms Sakeena Sheikh and 2022-23, Ms Rajshri Panday has received gold medal for securing highest marks in the university.** Moreover, students are also actively participated in extracurricular activities, including workshops, seminars, paper presentations, and competitions at the state and national levels. Their accomplishments brought glory to the college and the department.



## Collaborations and Partnerships:

To enhance the quality of education and research, the Geography Department actively sought collaborations and partnerships with other academic institutions, government organizations, and NGOs. During the reporting period, the department has encouraged intra- departmental collaboration within the college to exchange knowledge and extend awareness to students and faculties on the current situation of physical and natural ecosystems and their relation with development scenarios. In this effort, the **Department of Geography** in collaboration with the **Department of Botany** organised a national seminar on the burning topic entitled **Climate Change, Environmental Challenges and Sustainable Development** within its campus. Such collaboration provided opportunities for faculty members and students to engage in joint research projects, exchange programs, and internships, thereby widening their exposure and knowledge base.



## Challenges and Mitigation Strategies:

Despite the department's remarkable progress, we faced certain challenges during the reporting period. Limited financial resources sometimes hindered the acquisition of advanced equipment and resources. However, we mitigated this challenge by exploring alternative sources, seeking grants, and optimizing the utilization of available resources. Additionally, the department encouraged its faculty members to focus on capacity-building programs to keep themselves updated with the latest advancements in the field of geography. Faculty members of the department have actively participated in the capacity development programme being organised by the organisation of national importance, for example, the weekly lecture series on Urban and peri-urban growth organised by Banaras Hindu University during May 2023, Induction/ Orientation Programme, organised by Teaching and Learning Centre, Ramanujan College, University of Delhi, from 22 March – 20 April 2023.

## Future Plans:

Looking ahead, the Geography Department has identified several key areas for development. These include:

- Strengthening institutional collaborations to bridge the gap between theoretical knowledge and practical applications.
- Expanding research activities and encouraging interdisciplinary research projects.

- Enhancing the use of new technology in teaching and research, including the integration of GIS and remote sensing tools.
- Promoting community outreach programs to create awareness about environmental conservation and sustainable development

**Conclusion:**

The Geography Department at Shivharsh Kisan Post Graduate College has made significant progress during the reporting period. We are proud of our faculty members, and students for their hard work, dedication, and achievements. With continued support from the college administration, faculty, and other stakeholders, we are confident that the department will continue to excel in providing quality education, conducting valuable research, and producing competent geographers who can contribute to society's sustainable development.