

**1. Details of the Teacher/ Academic :**

<b>Name &amp; Date of Birth :</b>	<b>DR. VIJAY KUMAR BARAIK</b>
<b>Date of Joining in IGNOU:</b>	13-06-2011
<b>Current Designation :</b>	Professor
<b>Pay Scale as on date :</b>	Basic – 172200 (Academic Level- 14, Rs. 144200-218200)
<b>Qualifications :</b>	PhD Geography (CSRD, JNU), 2003 MPhil Geography (CSRD, JNU), 1997 M.A. Geography (CSRD, JNU), 1995 B.A. (Hons.) Geography, St. Xavier's College, Ranchi, 1992

**2. Honour/Award/Fellowship/membership of Professional body/ Statutory body (internal/ external) received by the Teacher/ Academic:**

<b>Name of the recipient,</b>	<b>Honour /Award/ Fellowship name</b>	<b>Agency name /Name of statutory body/ institution/ Apex body</b>	<b>Period</b>
Vijay Kumar Baraik	NET/JRF	UGC	1996-1998
	Senior Research Fellowship	University Grant Commission (UGC)	1998-2001
	MCM (Merit cum Means)	JNU	1993-1995
	Rashtriya Gramin Pratibha Chhatravriti		1982-1984
	Life Member	National Association of Geographers, India (NAGI) (Membership No. LM 1908)	Since 2010
	Life Member	Indian Society of Remote Sensing (ISRS) (Membership No. L-4185)	Since Oct 2013
	Life Member	Indian National Cartographic Association (INCA) (Membership No. L-2738)	Since Feb 2014
	Life Member	Institute of Indian Geographers (Membership No. L-1058).	Since Feb 2019
	Member	School of Human Sciences, Sikkim University	from 6th July 2023 to 5th July 2026
	Member	School Board of School of Sciences, IGNOU	9 <sup>th</sup> August 2014 to 8 <sup>th</sup> August 2016 and 3 <sup>rd</sup> Dec 2021 onwards
	Member	School Board Standing Committee, School of School of Sciences, IGNOU	27 <sup>th</sup> November 2014 to 26 <sup>th</sup> November 2016
	Member	School Board of School of Tourism and Hospitality Management, IGNOU	19 <sup>th</sup> April 2014 to 18 <sup>th</sup> April 2016
	Member	School Board of School of Agriculture	since October 2021
	Member	Expert Committee, M.Sc. Environmental Sciences, SOITS, IGNOU	September 2016
	Member	Board of Studies, Dept. of Geography and Natural Resource Management, School of Earth and Environmental Sciences, Uttarakhand Open University, Haldwani, Uttarakhand	9 <sup>th</sup> July 2019 to 8 <sup>th</sup> July 2021
	Member	Board of Studies to frame syllabus for the course PG Diploma on GIS in the PG Dept of Geography, Ranchi College, Ranchi	-

MPhil/PhD Examiner	MPhil/PhD Examiner in JNU New Delhi, University of Delhi (DU), Jamia Millia Islamia, New Delhi and Andhra University, Visakhapatnam and The University of Burdwan and Examiner for Masters programme at Kurukshetra University, Kurukshetra, The MS University Baroda, Ravenshaw University, Cuttack.	-
Examiner for Masters Programme	Kurukshetra University, Kurukshetra	-
Member	Right to Information Act Committee, Dept of Information Technology, Govt. of Jharkhand	17-10-2005 to 30-03-2006
Public Information Officer	Jharkhand Space Applications Center (JSAC), Ranchi	31-03-2006 to 10-06-2011
Member	Purchase Committee, Georeferencing and Digitization of Village Cadastral/Revenue Maps under GIS project, Dept. of Information Technology, Govt. of Jharkhand	12-04-2007 to 10-06-2011
In-Charge (Director) of JSAC	Jharkhand Space Applications Center (JSAC), Ranchi, Dept. of Information Technology, Govt. of Jharkhand	05-02-2007 to 12-02-2007, 07-05-2007 to 10-05-2007, 13-09-2007 to 26-09-2007, 21-05-2008 to 31-05-2008, 03-03-2009 to 17-03-2009, 14-12-2009 to 18-12-2009, 01-11-2010 to 16-11-2010
Member	Technical Purchase Committee for review and evaluation of various tenders, Jharkhand Space Applications Center (JSAC), Ranchi	03-04-2006 to 10-06-2011
Chairman	Library Committee, Jharkhand Space Applications Center (JSAC), Ranchi	27-02-2007 to 10-06-2011
Chairman	Committee for looking after day-to-day management of the Center premises as well as welfare measures of JSAC Staff, Jharkhand Space Applications Center (JSAC), Ranchi	27-06-2008 to 10-06-2011
Chairman	Selection of quotations submitted by various travel agencies for hiring vehicles, Jharkhand Space Applications Center (JSAC), Ranchi	31-03-2010
Member Secretary	Selection Committee for the selection of participants of training on GIS Database Creation for the youth of SC, ST, OBC and Minority Class, Jharkhand Space Applications Center (JSAC), Ranchi	28-01-2009
Member Secretary	Screening Committee of Jharkhand Space Applications Centre, Ranchi for Short listing applications for the recruitment of project based vacancies (JSAC/03/2009)	25-08-2009

**3. Books/Book Chapter:**

- Co-author/co-editor if any, title, place of publication, publisher, Year, page (no) s, ISBN N

SNo.	Name of Author1/ Editor 1, & Co- author (s) / Co-editor (s) (if any)	Title of chapter/book	Place of publication	Publisher	Year	Total Pages	ISBN No.
1	Baraik, V.K. and P.M. Kulkarni	<b>Health Status and Access to Health Care Services: Disparities among Social Groups in India</b> , Chapterised Working Paper Series, Vol 1, No. 4	New Delhi	Indian Institute of Dalit Studies (IIDS)	2006	45	Working Paper Series
2	Baraik, V.K.	<b>"Measures of Dispersion"</b> Exercise 3 of the course <b>Methods of Geographic Analysis: Quantitative and Qualitative</b> of M.Sc. in Geography Programme,	New Delhi	IGNOU	2024	23-31	
3	Baraik, V.K.	<b>"Focus Group Discussion"</b> Exercise 17 <b>Methods of Geographic Analysis: Quantitative and Qualitative</b> of M.Sc. in Geography Programme.	New Delhi	IGNOU	2024	183-187	
4	Baraik, V.K.	<b>"Layout Preparation of Physical and Socio-Economic Aspects"</b> , Exercise 26 in Block 4: Map Design and Output of the course <b>Cartography</b> of M.Sc. in Geography Programme.	New Delhi	IGNOU	2023	51-71	ISBN-978-93-6106-638-2
5	Baraik, V.K.	<b>"Exercise 14: Data Processing"</b> an Exercise for the course <b>Cartography</b> of M.Sc. in Geography Programme.	New Delhi	IGNOU	2023	173-187	ISBN-978-93-6106-638-2
6	Baraik, V.K.	<b>"Exercise 15: Diagrams"</b> an Exercise for the course <b>Cartography</b> of M.Sc. in Geography Programme.	New Delhi	IGNOU	2023	189-203	ISBN-978-93-6106-638-2
7	Baraik, V.K.	<b>"Exercise 16: Single and Composite Maps"</b> an Exercise for the course <b>Cartography</b> of M.Sc. in Geography Programme.	New Delhi	IGNOU	2023	209-224	
8	Baraik, V.K.	<b>"Pollution and Health"</b> , A	New Delhi	IGNOU	2024	251-272	ISBN- 978-

		Chapter for the course <b><i>Environmental Geography</i></b> of M.Sc. in Geography programme.					93-6106-550-7.
9	Baraik, V.K.	<b>"Foundation of Geography"</b> , Unit 1 in Block 1: Understanding Geography of the course <b><i>Introduction to Geographical Thought</i></b> of M.Sc. in Geography programme.	New Delhi	IGNOU	2023	9-26.	ISBN- 978-93-5568-920-7.
10	Baraik, V.K.	<b>"Representing Socio-economic Data"</b> , Unit 7 in Block 2: Thematic Mapping of the course <b><i>Cartography</i></b> of M.Sc. in Geography Programme.	New Delhi	IGNOU	2023	163-172	ISBN-978-93-6106-638-2
11	Baraik, V.K.	<b>"Map Composition"</b> , Unit 12 in Block 4: Map Design and Output of the course <b><i>Cartography</i></b> of M.Sc. in Geography Programme.	New Delhi	IGNOU	2023	33-43.	
12		<b>Symbolization"</b> , Unit 13 in Block 4: Map Design and Output of the course <b><i>Cartography</i></b> of M.Sc. in Geography Programme.	New Delhi	IGNOU	2023	43-69.	
13	Baraik, V.K.	<b>"Concepts in Economic Geography"</b> , Unit 2 in Block 1: Introduction to Economic Geography of the course <b><i>Economic Geography</i></b> of B.Sc. in Geography programme under CBCS.	New Delhi	IGNOU	2022	27-38	ISBN: 978-93-5568-746-3.
14	Baraik, V.K.	<b>"Economic Development and Disparities"</b> , Unit 4 in Block 1: Introduction to Economic Geography of the course <b><i>Economic Geography</i></b> of B.Sc. in Geography programme under CBCS.	New Delhi	IGNOU	2022	51-62	ISBN: 978-93-5568-746-3.
15	Baraik, V.K.	<b>Modern Education and Contemporary Tribal Issues: An Insight from Jharkhand"</b> in Xaxa, V., Ekka, V., Lakra, B. and J. Horo (eds): <i>25th Anniversary of International Day of the World's Indigenous Peoples</i>	New Delhi	Indian Social Institute	2020	44-53	ISBN-10 : <b>81897628</b> , ISBN-13 : <b>-978 8189762841</b>
16	Baraik, V.K.	<b>"Basic Concepts"</b> , Unit 1 in	New Delhi	IGNOU	2020	9-20	ISBN- 978-

	and Satya Raj	Block 1: <i>Introduction to Cartography</i> for the course <b>General Cartography</b> of B.Sc. in Geography programme under CBCS,					93-5568-110-2
17	<b>Baraik, V.K.</b>	<b>"Maps"</b> , Unit 2 in Block-1: <i>Introduction to Cartography</i> for the course <b>General Cartography</b> of B.Sc. in Geography programme under CBCS	New Delhi	IGNOU	<b>2020</b>	21-36	ISBN- 978-93-5568-110-2
18	Mohapatra, S.K. and <b>V.K. Baraik</b>	<b>"Map Scale"</b> , Unit 3 in Block <i>Introduction to Cartography</i> for the course <b>General Cartography</b> of B.Sc. in Geography programme under CBCS	New Delhi	IGNOU	2020	37-49	ISBN- 978-93-5568-110-2
19	<b>Baraik, V.K.</b>	<b>"Sources"</b> , Unit-9 in Block 3: <i>Sources of Data</i> for the course <b>General Cartography</b> of B.Sc. in Geography programme under CBCS	New Delhi	IGNOU	<b>2020</b>	7-16	ISBN- 978-93-5568-110-2
20	<b>Baraik, V.K.</b>	<b>"Census and Sample Surveys"</b> , Unit-10 in Block 3: <i>Sources of Data</i> for the course <b>General Cartography</b> of B.Sc. in Geography programme under CBCS	New Delhi	IGNOU	<b>2020</b>	17-28	ISBN- 978-93-5568-110-2
21	<b>Baraik, V.K.</b>	<b>"Strands of educational participation of scheduled tribes: the case of Jharkhand"</b> in Shah, G. and J. Bara (eds.): <i>Social Inclusion and Education in India</i> ,	New York	Routledge (Taylor and Francis Group),	2020	71-84	ISBN-978-0-367-20233-0 (nhb), ISBN-978-0-429-28184-6 (pbk)
22	<b>Baraik, V.K.</b>	<b>Nature and Scope of Human Geography</b> ", Unit 1 in Block 1: <i>Human Geography Fundamentals</i> for the course <b>Human Geography</b> of B.Sc. in Geography programme under CBCS	New Delhi	IGNOU	<b>2020</b>	7-20	ISBN-978-93-89969-75-7
23	Firdos, S. and <b>Baraik, V.K.</b>	<b>"Peopling and Racial Elements"</b> , Unit 5 in Block 2: <i>Space and Society</i> for the course <b>Human Geography</b> of B.Sc. in Geography programme under CBCS,	New Delhi	IGNOU	<b>2020</b>	75-93	ISBN-978-93-89969-75-7
24	<b>Baraik, V.K.</b>	<b>"Languages"</b> , Unit 7 in Block 2: <i>Space and Society</i> for the course <b>Human Geography</b> of B.Sc. in Geography programme under CBCS,	New Delhi	IGNOU	<b>2020</b>	115-138	ISBN-978-93-89969-75-7
25	<b>Baraik, V.K.</b>	<b>"Health and Nutritional</b>	New Delhi	Sage	2013	155-168	ISBN:

	and P.M. Kulkarni	<b>Status”</b> in Thorat, S., Sadana, N. and M. Macwan (eds.): <i>Bridging the Social Gap: Perspectives on Dalit Empowerment</i>		Publication s			9788132113119
26	Baraik, V.K.	<b>“Geography, GeoInformatics and eGovernance”</b> in Sharma, P.R., Yadava, R. S. & V.N. Sharma (eds.) <i>Interdisciplinary Advances in Geography,</i>	New Delhi	RK Books	2013	170-186	ISBN: 978-81-910059-8-1
27	Baraik, V.K.	<b>“GIS and Health Management”</b> in Nathawat, M.S. and A.C. Pandey (eds.): <i>Geoinformatics for Decentralized Planning and Governance,</i>	Jaipur:	Rawat Publications	2008	82-90	ISBN-13: 978-8131601174, ISBN-10: 9788131601174
28	Baraik, V.K.	<b>“Data Standards and Topological Concepts”,</b> Unit 8 in the Block 3: GIS Database Creation of the course MGY-003, Global Navigation Satellite System and Geographic Information System of <b>‘Post Graduate Certificate in Geoinformatics’</b> programme	New Delhi:	IGNOU	2012	25-41.	ISBN: 978-81-266.
29	Baraik, V.K.	<b>“Non Spatial Attribute Data Linkages and Data Conversion”,</b> Unit 9 in the Block 3: GIS Database Creation of the course MGY-003, Global Navigation Satellite System and Geographic Information System of <b>‘Post Graduate Certificate in Geoinformatics’</b> Programme	New Delhi	IGNOU	2012	43-57	ISBN: 978-81-266
30	Baraik, V.K.	<b>“Strands of Educational Access of Scheduled Tribes: The Case of Jharkhand”</b> in Shah, G. and J. Bara (eds.): <i>Education of the Scheduled Tribes: Uphill Task</i> , New Delhi: ICSSR	New Delhi	Submitted to ICSSR	2017	69-82	-
31	Baraik, V.K., R. Rawani and A.T. Jeyaseelan	<b>“VASUDHA: Citizen Centric Land Records Information System (A Pilot Project for Lohardaga District, Jharkhand)”</b> in <i>National Symposium on Advances in Geo-Spatial Technologies with Special Emphasis on Sustainable Rainfed Agriculture</i>	Nagpur	Annual Convention of Indian Society of Remote Sensing (ISRS), held in Nagpur during	2009	1-24	Proceeding

				September 17-19			
32	Baraik, V.K. and Subudhi A.P.	<b>"Village Information System (VIS)"</b> in the Proceeding of the <i>One Day Workshop on Utilization of Remote Sensing, GIS and GPS Technologies for Development of Jharkhand State</i>	Ranchi	Jharkhand Space Applications Center in association with National Remote Sensing Agency (NRSA), September 24	2005	25-33	Proceeding

**4. Research Articles/Publications:**

SNo.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No
1.	Kumar, Bipin and <b>V.K. Baraik</b>	Indigenous Urbanisation and Urban Indigeneity: Insights of embedded identity and contouring spatiality in Jharkhand, India	<i>Habitat International, Elsevier,</i>	153 (2024), November 2024, 103185	1-10	2024	<a href="https://doi.org/10.1016/j.habitatint.2024.103185">https://doi.org/10.1016/j.habitatint.2024.103185</a> .
2.	Kumar, M. and <b>Baraik, V.K.</b>	Assessing Livelihood Vulnerability in Diara with Special Reference to Flood: A Case Study of West Champaran District of Bihar	<i>Annals of the National Association of Geography India (NAGI)</i>	Vol. 43, No. 1, 2023.	141-157	2023	ISSN: 0970-972X. DOI : <a href="https://doi.org/10.32381/ATNAGI.2023.43.01.10">https://doi.org/10.32381/ATNAGI.2023.43.01.10</a> .
3.	Chauhan, R. and <b>Baraik, V.K.</b>	Geo-Information Enabled Crime Predictive Analysis Model	<i>National Geographical Journal of India</i>	Vol. 68, No. 1, March 2022		2022	ISSN: 0027-9374
4.	Kumar, M. and <b>V. K. Baraik</b>	Identification and Characterization of Diara Villages in West Champaran District of Bihar	<i>Transaction-Journal of Indian Geographer</i>	Vol. 44, No. 1, 2022,	53-64	2021	ISSN 0970-9851
5.	Kumar, Bipin and <b>V.K. Baraik</b>	Tribes at the Margin of Tribal Space: Urban Socio-Spatial Exclusion	<i>Urbanisation</i> , Doi: <a href="https://doi.org/10.1177/24557471211059986">https://doi.org/10.1177/24557471211059986</a> , journals.sagepub.com/home/urb	Nov, Vol 6, Issue 2	145-164	2021	ISSN: 2455-7471  Online ISSN: 2456-3714
6.	Khatoon, H. and <b>V. K. Baraik</b>	Mining as Regional Development Led Vulnerability: A Case Study	<i>International Journal of Applied Social</i>	Vol. 7 (11&12, Nov &	560-570	2020	ISSN: 2394-1405

		of Rural Areas of Raniganj Coalfield Region	<i>Science</i>	Dec. (2020)			
7.	Kumar, M. and <b>V. K. Baraik</b>	Assessing Levels of Development in Gandak Diara Villages: A Case Study of West Champaran District of Bihar	<i>International Journal of Applied Social Science</i>	Vol.7 (11&12), Nov.er & Dec (2020)	542-547	2020	ISSN: 2394-1405
8.	Kumar, Bipin, and <b>V.K. Baraik</b>	Non-Inclusive Tribal Workforce Participation in Urban Spaces: A Case Study of Jharkhand	<i>National Geographical Journal of India</i>	Vol. 66, No. 3, September 2020	208-221.	2020	ISSN: 0027-9374
9.	Singh, Divyanshi and <b>V.K. Baraik</b>	Implications of Human Development on Contraception and Maternal Health: A Study of Regional Patterns in Uttar Pradesh	<i>National Geographical Journal of India</i>	Vol. 65, No. 4, Dec, 2019	376-388	2019	ISSN: 0027-9374
10.	Baraik, V.K.	Dimensions of Tribal Education and Employment in Jharkhand: Linkage of Educational Level and Industrial Category	<i>Jharkhand Journal of Development and Management Studies</i>	Vol. 17, No.3, September 2019	8159-8174	2019	ISSN 0973-8444.
11.	Chauhan, R. and <b>Baraik, V.K.</b>	Spatio-Temporal Patterns of Crime in India, 1991-2011	<i>Annals of the National Association of Geography India (NAGI)</i>	Vol. 39, No. 2, 2019	190-211	2019	ISSN: 0970-972X
12.	Baraik, V.K.	Health Attainments and Challenges in Jharkhand	<i>Jharkhand Journal of Development and Management Studies</i>	Vol. 16, No. 1, March 2018	7575-7595	2018	ISSN 0973-8444
13.	Chauhan, R. and <b>V. K. Baraik</b>	Mapping Crime against Women in India: Spatio-Temporal Analysis, 2001-2012	World Academy of Science, Engineering and Technology, International Journal of Law and Political Sciences <a href="http://waset.org/publications/10005985/mapping-crime-against-women-in-india-spatio-temporal-analysis-2001-2012">http://waset.org/publications/10005985/mapping-crime-against-women-in-india-spatio-temporal-analysis-2001-2012</a>	Vol:10, No:6	2214-2225	2016	ISBN - PISSN:2010-376X, EISSN:2010-3778
14.	Saxena, R., M.K.	Identification of risk factors	<i>Journal of</i>	51,	276–	2014	ISSN-0972-



	Das, B.N. Nagpal, A. Srivastava, S. K. Gupta, A. Kumar, A. S. Tomar, A.T.S. Sinha, R. Vidyotma, A.T. Jeyaseelan, <b>V. K. Baraik</b> & V.P. Singh	for malaria control by focused interventions in Ranchi district, Jharkhand, India	<i>Vector Borne Diseases</i>	December	281.		9062.
15.	Saxena, R., B.N. Nagpal, M.K. Das, A. Srivastava, S.K. Gupta, A. Kumar, A.T. Jeyaseelan and <b>V.K. Baraik</b>	A spatial statistical approach to analyze malaria situation at micro level for priority control in Ranchi district, Jharkhand	<i>Indian Journal of Medical Research</i>	136(5), November 2012	124-130	2012	ISSN-f
16.	Alam, S., <b>V.K. Baraik</b> and V. Warpa	Learning about Data to Learn with Data	<i>National Geographical Journal of India</i>	Vol. 58, Pt. (1) March (2012),	ISSN-0970-972X.	2012	63-68
17.	<b>Baraik, V.K.</b> and S. Sinha	Development and Morbidity Prevalence in Jharkhand: Special Reference to Tribal Population	<i>Jharkhand Journal of Social Development</i>	Vol. 2, No 1&2	15-31	2010	ISSN-0974-651X
18.	<b>Baraik, V.K.</b> and S. Sinha	Nutritional Status of Tribal Children in Jharkhand	<i>Jharkhand Journal of Development and Management Studies</i> (Quarterly)	Vol. 6, No. 1, Jan-Mar	2753-2772	2008	ISSN 0973-8444
19.	<b>Baraik, V.K.</b> , K. N. Kaur, S. Sultana and K. Neelakantan	Best Suitable Data Fusion Techniques for Urban Studies" (Data Fusion Techniques Using IKONOS Data for Urban Applications)	presented in "Digital Geography and Resource Security" held on 24-25 Jan, 2004 at NRSA, and published in <i>Vasudha</i> , a Journal of Andhra Pradesh Geographical Society, <a href="http://www.apgeos.org/Vasudha/documents/stream_2/20.PDF">http://www.apgeos.org/Vasudha/documents/stream_2/20.PDF</a>			2004	
20.	<b>Baraik, V.K.</b> and B.M. Lakra	Literacy among Tribes and Non-Tribes in Jharkhand: Patterns, Trends and Disparities (1991-2001)	<i>Indian Journal of Adult Education</i>	October-December, Vol. 64, Nos. 3-4	19-34	2003	ISSN-0019-5006

21.	Sinha, S. and <b>V.K.Baraik</b>	Disparities in the Levels of Development in Bihar, 1961- 91	<i>Annals of the Rajasthan Geographical Association</i>	Vol. XV & XVI, 1998- 99	51-70	2001	ISSN: 0975-4652
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**5. Policy Documents Reports/ Mimeos:**

S.No.	Title	Institution/ Agency	Year
1	Educational Status of Scheduled Tribes in Jharkhand-Bihar: Attainments and Challenges- Project Report for <b>Jharkhand</b>	ICSSR	2015
2	Educational Status of Scheduled Tribes in Jharkhand-Bihar: Attainments and Challenges- Project Report for <b>Bihar</b>	ICSSR	2017
3	eGSWARAJ (Gram Swaraj: Digital Approach): eGovernance Initiatives for Natural Resource Management, A Pilot Project for Simdega District, Jharkhand	Dept. of Information and Communication Technology, Govt. of India	2010
4	Empowering Youth through Geo- Informatics for the Participation in Local Area Development (EYGIPLAD)	NRDMS, Dept. of Science and Technology, Govt. of India	2008

**6. Book Review published :**

SNo.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No

**7. Presentation/Invited talk/Chair in National or International Seminar/Conference/  
Workshops (Please do not mention if it is only participation without presentation)**

SNo.	Author/ Co author (if any)	Title of presentation, /Talk/Lecture	Name Organizing institute	Conference	City	Date and Year
<b>Session Chaired/Co-charied</b>						
1	Baraik, V.K.	Session chaired (Session- Sustainable Production and Conservation Patterns of Indigenous Communities)	Indian Social Institute, Lodhi Road, New Delhi-11003	National Seminar on "Musings on Indigeneity" held on December 14- 15, 2023.	New Delhi	December 14, 2023
2	Baraik, V.K.	Session chaired (Technical Session – I: Livelihood Diversification, Sustainability	Department of Geography, Kirori Mal College, University of Delhi, Delhi	National Seminar on "Non-Timber Forest Products (NTFPs), Tribal Livelihood and	New Delhi	October 13-14, 2023.

		and Food Security)		Sustainable Development of Forest Resources"		
3	Baraik, V.K.	Session chaired (Technical Session 2: Globalization and Sustainable Rural and Regional Development)	Department of Geography, Central University of Haryana, Mahendragarh, Haryana	International Geographical Union (IGU), Thematic Conference	Mahendragarh, Haryana	24 <sup>th</sup> November 2022.
4	Baraik, V.K.	Co-chaired (Technical Session 2 : Resource Appraisal and Management)	Department of Geography, Institute of Science, Banaras Hindu University, Varanasi, U.P.	43rd Indian Geography Congress on "Population, Environment, Health, Sustainable Development Goals and Appropriate Technologies: Post-COVID-19 Scenarios"	Online	October 28-30, 2021
5	Baraik, V.K.	Session co-chaired (Session: Health Systems and Inclusive Quality Education: well Being for All)	Department of Geography, Savitribai Phule Pune University (SPPU), Pune	42nd IIG Annual Meet 2021 and International e-Conference on Geography for People, Planet, Prosperity and Peace	Online	05-10-2021
6	Baraik, V.K.	Session co-chaired (Technical Session 2 : Resource Appraisal and Management)-online	Department of Geography, Institute of Science, Banaras Hindu University, Varanasi, U.P.	43rd Indian Geography Congress on "Population, Environment, Health, Sustainable Development Goals and Appropriate Technologies: Post-COVID-19 Scenarios	Online	October 28-30, 2021
7	Baraik, V.K.	Session Chaired (Session: Climate Change: Trends and Spatialities II)	Centre for the Study of Regional Development, JNU, New Delhi	40 <sup>th</sup> The Institute of Indian Geographers (IIG) Meet and National Conference on Water, Sustainability, Livelihood and	New Delhi	15-03-2019

				Climate Change		
<b>Papers Presented</b>						
1	V.K. Baraik and G. Kuzur	Urbanization and Spaces of Marginalization in Relation to the Golden Quadrilateral Highway Project and Diamond Quadrilateral Railway Project in India	Vietnamese-German University	The 15th International Asian Urbanization Conference: "Urban Futures: Critical Transformations in Asian Cities	Ho Chi Minh City, Vietnam	27-30 November, 2019
2	Kumar, B. and V.K. Baraik	Tribes at the Margin of Tribal Space: An Inquiry into Urban Spatial Exclusion	Vietnamese-German University	The 15th International Asian Urbanization Conference: "Urban Futures: Critical Transformations in Asian Cities	Ho Chi Minh City, Vietnam	27-30 November, 2019
3	Baraik, V.K.	Tribal Education and Employment Situation in Jharkhand	Dept of English, Jamia Millia Islamia	National Conference on "Tribes in Transition-2: Re-affirming Indigenous Identity Through Narrative	New Delhi	27-28 February 2017
4	Baraik, V.K.	Regional Diversity, Disparity and Development Challenges in Jharkhand	Department of Geography, University of Calcutta.	International Conference and 47th Annual Seminar of The Regional Science Association, India on Urbanization and Regional Sustainability	Kolkata	January 28-30, 2016
5	Baraik, V.K. and G. Kuzur	Gendered Educational Deprivation among the Tribals in Chotanagpur: A historical perspective	Lomonosov Moscow State University, Moscow, Russia	International Geographical Union (IGU) Regional Conference "Geography, Culture and Society for Our Future Earth"	Moscow, Russia	17-21 August 2015
6	Baraik, V.K.	Strands of Educational Access of Scheduled Tribes: The Case	ICSSR	ICSSR National Seminar on Educational Status of Scheduled	New Delhi	26-27 February 2015

		of Jharkhand		Tribes: Attainment and Challenges		
7	Baraik, V.K.	Health Attainments and Challenges in Jharkhand	Dept. of Geography, The University of Rajasthan, Jaipur	36 <sup>th</sup> Indian Geographical Congress 2014, Jaipur organised by the National Association of Geographers, India (NAGI)	Jaipur	17-19 November, 2014
8	Baraik, V.K.	Geography Syllabus in IGNOU	Centre for Study of Regional Development Jawaharlal Nehru University	JNU-CSRD-CAS Colloquium on Rethinking Geography Education and Research in India held during	New Delhi	29-30 March, 2014
9	Baraik, V.K.	Geography through Open and Distance Education at IGNOU: Prospects and Challenges	Dept. of Geography, Banaras Hindu University	National Conference on Reorienting Geography Education & Training for Sustainable Development in India	Varanasi (UP)	29-31 October 2012.
10	Baraik, V.K.	Geography, GeoInformatics and eGovernance	Dept. of Geography, Banaras Hindu University (BHU)	National Seminar on Recent Advances and Development in Geography Knowledge and Alliance with Sciences, 2011 (RADGKAS2011)	Varanasi (UP)	Nov 2 – 4, 2011.
11	Baraik, V.K.	Village Information System (VIS): Development of Village Economy with Space Technology	Jharkhand Space Applications Center in collaboration with ISRO held at the Shri Krishna Institute of Public Administration (SKIPPA), Ranchi (Jharkhand)	Utilization of Remote Sensing, GIS and GPS Technologies for the Development of Jharkhand State	Ranchi	September 24, 2005
12	Baraik, V.K.	GIS and Health Management	Birla Institute of Technology (BIT), Mesra, Ranchi (Jharkhand)	Role of Geoinformatics in Decentralized Planning for Better	Ranchi	October 7- 8, 2004

				Governance		
<b>Invited Talks/Lectures</b>						
1	Baraik, V.K.	Social Geography: Contemporary Relevance and New Vistas for Geographical Research	Department of Geography, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara-390002 Gujarat (India)	Invited Extramural Lecture	Vadodara	October 18, 2024.
2	Baraik, V.K.	'Disparities and Regional Development Planning with Special Reference to India'	HRDC, Calcutta University, Kolkata.	Online lecture in the 'Refresher Course in Regional Development and Planning'	Online	7th December 2023
3	Baraik, V.K.	Field Methods in Research	Discipline of Psychology, SOSS, IGNOU	A Lecture for Pre-PhD Coursework	New Delhi	11-10-2023
4	Baraik, V.K.	Research Methods	Research Unit, IGNOU, New Delhi	Resource Person in the "Workshop on Research and Publication Ethics Course"	New Delhi	08- 16 September, 2021
5	Baraik, V.K.	Introduction to GIS	Tagore International School, Vasant Vihar, New Delhi	Delivered invited lecture as Resource Person	New Delhi	10th Nov 2022
6	Baraik, V.K.	Globalization and Sustainable Rural and Regional Development- Session Key note Speech	Dept. of Geography, Central University of Haryana, Mahendragarh	IGU Thematic Conference, 2022 on the theme 'Sustainability, Future Earth and Humanities: Opportunities and Challenges'		24/11/2022
7	Baraik, V.K.	Introduction to GIS	Tagore International School, Vasant Vihar, New Delhi	New Delhi		10/11/2022
8	Baraik, V.K.	Issues in Research	Research Unit, IGNOU	Workshop on Research and Publication Ethics Course held during 08-16 September, 2021 organized	New Delhi	15 <sup>th</sup> September 2021

				by the Research Unit, IGNOU, New Delhi		
9	Baraik, V.K.	Spatio-Social Exclusion and Education among Tribal Children: Status, Constraints and Ways with Special Reference to Jharkhand	North-east Regional Institute of Education (NERIE), Shillong (Meghalaya)	Capacity Building Programme for Teachers of Meghalaya	Shillong, Meghalaya	18th October, 2019
10	Baraik, V.K.	Procedures of GIS	Dept. of Geography, Kurukshetra University	DST, Govt. of India Sponsored Summer Training Programme in Geoinformatics	Kurukshetra	29/05/2019
11	Baraik, V.K.	Georeferencing				29/05/2019
12	Baraik, V.K.	Applications of GIS	NRDMS DST, Govt. of India Sponsored 21-Day 3rd Winter School - Geomatics-2017	Dept. of Geography, University of Burdwan	Burdwan	6/3/2017
13	Baraik, V.K.	Fundamentals and Applications of Remote Sensing	Dept. of Geography, Nirmala College Ranchi	Students' Workshop on GIS and Remote Sensing	Ranchi	16/3/2015
14	Baraik, V.K.	Basic Principles and Applications of GIS			Ranchi	16/3/2015
15	Baraik, V.K.	Applications of Geoinformatics	NRDMS DST Sponsored 2 <sup>nd</sup> Summer School Geomatics-2014	Dept. of Geography, University of Burdwan	Burdwan	14/7/2014
16	Baraik, V.K.	Fundamentals of Geoinformatics	Dept. of Geography, University of Burdwan	NRDMS DST Sponsored 1 <sup>st</sup> Summer School Geomatics - 2012	Burdwan	29/05/2012
17	Baraik, V.K.	GIS Procedures	Dept. of Geography, University of Burdwan	NRDMS DST Sponsored 1 <sup>st</sup> Summer School Geomatics - 2012	Burdwan	29/05/2012
18	Baraik, V.K.	Data integration, attribute result interpretation and analysis	International Institute of Health Management Research (IIHMR), New Delhi	GIS Applications in Health Care: Training and Capacity building in Data utilization for Decision making	New Delhi	10/9/2012
19	Baraik, V.K.	Spatial mapping and data			New Delhi	10/9/2012

		attributes		in Health Care using GIS Interface (Five Days)	New Delhi	
20	Baraik, V.K.	Introduction to Q-GIS and starting a project				10/9/2012
21	Baraik, V.K.	Overview of Remote Sensing Image Interpretation	RIE, NCERT, Ajmer	Training of KRPs in Cartographic Techniques at Senior	Ajmer	6/9/2011
22	Baraik, V.K.	Basic Principles of Remote Sensing	RIE, NCERT, Ajmer	Secondary Level of the State of J&K held during	Ajmer	6/9/2011
23	Baraik, V.K.	GIS and Cartography	RIE, NCERT, Ajmer		Ajmer	5/9/2011
24	Baraik, V.K.	Principles of GIS	RIE, NCERT, Ajmer		Ajmer	5/9/2011
25	Baraik, V.K.	Overview of Remote Sensing Image Interpretation	RIE, NCERT, Ajmer		Ajmer	9/5/2011
26	Baraik, V.K.	eGovernance	UGC-Academic Staff College, Ranchi University, Ranchi	Refresher Course in IT	Ranchi	25/02/2011
27	Baraik, V.K.	GPS and GPS Hands-on	UGC-Academic Staff College, Ranchi University, Ranchi	Refresher Course in IT	Ranchi	25/02/2011
28	Baraik, V.K.	Principles of GeoInformatics	UGC-Academic Staff College, Ranchi University, Ranchi	Orientation Programme in Earth Sciences	Ranchi	16/02/2011
29	Baraik, V.K.	Applications of GeoInformatics in Earth Sciences	UGC-Academic Staff College, Ranchi University, Ranchi	Orientation Programme in Earth Sciences	Ranchi	16/02/2011
30	Baraik, V.K.	Applications of GIS	UGC-Academic Staff College, Ranchi University, Ranchi	Orientation Course	Ranchi	14/09/2010
31	Baraik, V.K.	Lecture and Practical Classes taken for Three Weeks Professional Training Course in Information Technology for ST Youth	Gis Database Creation of Land Records (Village Revenue Maps and Khatian & Register II Data)	Jharkhand Space Applications Center, Ranchi	Ranchi	9th Feb 2009- 17th Feb 2009.
32	Baraik, V.K.	Principles of Geographical	UGC-Academic Staff College,	Orientation Programme in	Ranchi	10/12/2008



		Information System with Hands on Practical	Ranchi University, Ranchi	Remote Sensing and GIS		
33	Baraik, V.K.	IT in eGovernance, Development and Research	UGC-Academic Staff College, Ranchi University, Ranchi	Orientation Course on Information Technology	Ranchi	05/03/2008
34	Baraik, V.K.	General Use of Geographical Information System in Geography	Two days Workshop on the same topic General Use of Geographical Information System in Geography	St. Xavier's College, Ranchi	Ranchi	20/02/2008
35	Baraik, V.K.	Principles and Applications of Geographical Information System.	UGC-Academic Staff College, Ranchi University, Ranchi	Orientation Course on Information Technology	Ranchi	22/01/2008
36	Baraik, V.K.	eGovernance: Bringing GeoInformatics for e-Governance	UGC-Academic Staff College, Ranchi University, Ranchi	Orientation Course on Information Technology	Ranchi	23/01/2008
37	Baraik, V.K.	GeoInformatics and Application in Development and Research	UGC-Academic Staff College, Ranchi University, Ranchi	Orientation Course on Information Technology	Ranchi	22/01/2008
38	Baraik, V.K.	e-Governance	UGC-Academic Staff College, Ranchi University, Ranchi	Refresher Course on Information Technology	Ranchi	01/12/2007
39	Baraik, V.K.	Principles of Geographical Information System and GPS	UGC-Academic Staff College, Ranchi University, Ranchi	Refresher Course on Information Technology.	Ranchi	01/12/2007
40	Baraik, V.K.	Visual Image Interpretation Techniques, Image Enhancement, and GIS	UGC-Academic Staff College, Ranchi University, Ranchi	Refresher Course in Remote Sensing and GIS	Ranchi	04/10/2007
41	Baraik, V.K.	GPS and Remote Sensing.	UGC-Academic Staff College, Ranchi University, Ranchi	Orientation Course in Information Technology	Ranchi	24/03/2007
42	Baraik, V.K.	GIS and eGovernance	UGC-Academic Staff College, Ranchi	Orientation Course in Information	Ranchi	24/03/2007

			University, Ranchi	Technology.		
43	Baraik, V.K.	IT (Information Technology) in Jharkhand	UGC-Academic Staff College, Ranchi University, Ranchi	Orientation Course in Information Technology.	Ranchi	17/01/2007
44	Baraik, V.K.	Principles of Geographical Information System	UGC-Academic Staff College, Ranchi University, Ranchi	Orientation Programme in Information Technology.	Ranchi	16/01/2007
45	Baraik, V.K.	Geographical Information System and Development of Geo-Resources in Jharkhand-II	UGC-Academic Staff College, Ranchi University, Ranchi	Refresher Course in Earth Sciences	Ranchi	21/12/2006
46	Baraik, V.K.	Geographical Information System and Development of Geo-Resources in Jharkhand-I	UGC-Academic Staff College, Ranchi University, Ranchi	Refresher Course in for Earth Sciences	Ranchi	20/12/2006
47	Baraik, V.K.	IT (Information Technology) Initiatives in Jharkhand	UGC-Academic Staff College, Ranchi University, Ranchi	Orientation Programme in Information Technology	Ranchi	23/11/2006
48	Baraik, V.K.	Applications of GeoInformatics (GIS, Remote Sensing, GPS and Communication Technology) in Development and Research	UGC-Academic Staff College, Ranchi University, Ranchi	Orientation Programme in Information Technology.	Ranchi	22/11/2006
49	Baraik, V.K.	e-Panchayat and Village Information System and e- Governance	Shri Krishna Institute of Public Administration (Administrative Training Institute), Ranchi.	Training of probationer Dy. Collectors	Ranchi	29/08/2006

**8. Study Tour Organised/ Participated/ Attachment Organized/Internship:**

SNo.	Details of the tour	Name of coordinating body	Duration
1	Visit of National Institute of Financial Management (NIFM)	Indian Institute of Public Administration	One Day (10 December 2015)

**9. Consultancy assignment (if any):**

SNo.	Organization/ agency	Cost, title of consultancy	Duration

**10. Details of Institution/ Government/ Industry / own Institution Sponsored Research Projects (including Programme Evaluation) and Amount (Both completed and ongoing):**

SNo.	Agency	Amount	Duration with dates	Status i.e. ongoing/ completed
1. Educational Status of Scheduled Tribes in Jharkhand-Bihar: Attainments and Challenges	ICSSR	43 Lakhs	2013-2015	Completed
2. eGSWARAJ (Gram Swaraj: Digital Approach): eGovernance Initiatives for Natural Resource Management, A Pilot Project for Simdega District, Jharkhand	Dept. of Information and Communication Technology, Govt. of India	1.57 Crore	2006-2010	Completed
3. Empowering Youth through Geo-Informatics for the Participation in Local Area Development (EYGIPLAD)	NRDMS, Dept. of Science and Technology, Govt. of India	5.5 Lakhs	2007-2008	Completed

**11. Details of PhD and MPhil Scholars (including those awarded degree):**

S.No.	Name and enrolment no:	Year of registration	Year of completion/ award
<b>PhD</b>			
1	Ritvik Chauhan (Research Topic: <b>Spatio-Temporal Pattern Analysis of Crime Using Geospatial Technology: A Case Study of Shimla City</b> ) Enrolment No. 131636472	2013	2020
2	Bipin Kumar (Research Topic: <b>Tribal Inhabitation and Livelihood in Urban Spaces of Jharkhand</b> ) Enrolment No. 179342302	2018	2022
3	Kripa Ram (Research Topic: <b>Contemporary Perceptions and Practices of Bishnoi Community on Environment and its Conservation: A Comparative Study in two Different Geographical Settings</b> ) Enrolment No. 179342359	2018	2024
4	Mr. Himayoon: <b>Climate Change and its Prospective Impact on the Water Resources of Kashmir Valley J &amp; K, India</b> (Co-supervision with Prof. M.S. Nathawat) Enrolment No. 179342294	2018	2024
5	Manendra Kumar (Research Topic: <b>Space, ICT Diffusion and Regional and Social Development</b> )	2020	Submitted on 5 <sup>th</sup> July 2024

	<b>in India)</b> Enrolment No. 202492608		
6	Mr. Nitish Kumar Singh (Research Topic: <b>Impact of Land-Climate Interactions on Desertification of Rajasthan: A Geographical Appraisal</b> (Co-supervision with Prof. M.S. Nathawat). Enrolment No. 202492608)	2020	Pre-Submission Seminar held on 09-12-2024
7	Divyanshi Singh (Research Topic: <b>Maternal and Child Health Implications of Women Empowerment and Unmet Need in Uttar Pradesh</b> ) Enrolment No. 188500110	2018	Field Work completed, writing chapters.
8	Hena Khatoon (Research Topic: <b>Mining Led Vulnerability and Resilience in Raniganj Coalfields: A Comparative Study of Different Social Groups</b> ) Enrolment No. 179342327	2018	Field Work completed, writing chapters.
9	Nayan Das (Research Topic: <b>Socio-Spatial Integration of Border Enclaves along Indo-Bangladesh Border in West Bengal</b> ) Enrolment No. 202492608	2020	Synopsis approved and research in progress
10	Arpita Goyal: <b>Development and Sustainable Urban Carrying Capacity of Jaipur City</b> (In progress).	2021	Synopsis approved and research in progress
<b>MPhil</b>			
1	Manendra Kumar: (Research Topic: <b>Assessing Livelihood Vulnerability of Diara Region with Special Reference to Flood: A Case Study of West Champaran, Bihar</b> ) Enrolment No. 179342517	2017	Awarded in 2020
2	Chandan Yadav (Research Topic: <b>Spatio-Temporal Inequalities in Socio-Economic Development in Uttar-Pradesh in Pre and Post Reform Periods (1991-2017): An Inter-District Analysis</b> ) Enrolment No. 179342500	2017	Awarded in 2021
3	Nayan Das (Research Topic: <b>Levels of Development among Kisan Community along the Tri-Boundary of Bihar-Bengal-Jharkhand</b> ) Enrolment No. 188500238	2018	Awarded in 2022
4	Ushna Saikia (Research Topic: <b>Poverty and Health Status of Tea Tribes of Assam and Their Developmental Issues</b> ) Enrolment No. 188500180	2018	Awarded in 2022
<b>M.Tech.</b>			
1	Reet Kamal Tiwari: <b>"Village Development Plan using High Resolution Satellite Data- A Case Study of Madhukam Village, Kasmar CD block, Bokaro district"</b> , M.Tech. in Remote Sensing and GIS, SRM University, 2009 (Project done at JSAC Ranchi),		<b>2009</b>

**12. Details of Programmes/ Courses coordinated/ written/ edited/ translated:**

S. No.	Programme	Course	Unit (print)/ Audio/ Video/ eSLM	Coordinated/ Written/ Edited (content/ language/ format)/ Translated	Period
<b>Programme Coordination</b>					
1	BSCG and BSCM			Coordinator of Geography	Since 2016
	BDP Geography			Coordinated	2011-2013
2	Ph.D. Geography			Coordinated	Feb 9, 2015- Feb 8, 2016
3	M.Phil./Ph.D. Geography (as per UGC Regulation 2016)			Coordinated	Feb 9, 2017 to Feb 7, 2019
<b>Course Coordination</b>					
1	BDP/BSc. Geography (CBCS)	Human Geography		Coordinated	Since 2014
2	Ph.D. in Geography	RGG 002: Field Survey Methods and Use of Cartographic Representation in Research		(Joint Coordination with Prof. M.S. Nathawat)	2013-2016
3	Ph.D. in Geography	RGG 005: Remote Sensing and GIS Techniques in Geospatial Research		(Joint Coordination with Prof. M.S. Nathawat)	2013-2016
4	Ph.D. in Geography	RGGE 003: Research in Regional Development and Planning		(Joint Coordination with Prof. S.K. Mohapatra)	2013-2016
5	M.Phil./Ph.D. Geography (as per UGC Regulation 2016)	RGG-001: Research Methodology in Geography and Field Methods		(Joint Coordination with Prof. M.S. Nathawat)	Since 2016
6	M.Phil./Ph.D. Geography (as per UGC Regulation 2016)	RGGE-003: Regional Development and Planning in India		(Joint Coordination with Prof. S.K. Mohapatra)	Since 2016
7	M.Phil./Ph.D. Geography (as per UGC Regulation 2016)	RGGE-004: Social Factors in Region Formation in India		Coordinating	Since 2016
8	M.Sc. Geography	MGG-001: Introduction to Geographical		Coordinating	Since 2021

		Thought			
9	M.Sc. Geography	MGG-008: Advances in Geographical Thought		Coordinating	Since 2021
10	M.Sc. Geography	MGG-009: Social Geography		Coordinating	Since 2021
11	M.Sc. Geography	MGG-011 : GIS		Coordinating	Since 2023
12	M.Sc. Geography	MGGL-004 : Field Survey Methods		(Joint Coordination with Prof. S.K. Mohapatra)	Since 2023
<b>Unit Writing</b>					
1	Post Graduate Certificate in Geoinformatics	Global Navigation Satellite System And Geographic Information System	Non Spatial Attribute Data Linkages and Data Conversion (Unit 8 in the Block 3: GIS Database Creation)	Written	2011-2012
2	Post Graduate Certificate in Geoinformatics	Global Navigation Satellite System And Geographic Information System	Data Standards and Topological Concepts (Unit 8 in the Block 3: GIS Database Creation)	Written	2011-2012
3	Human Geography for B.Sc. Geography (Gen. and Hons.) -	Human Geography	Nature and Scope of Human Geography (Unit 1 in Block 1: Human Geography Fundamentals)	Written	2013-2016
4	B.Sc. Geography (Gen. and Hons.) - under CBCS	Human Geography	Peopling and Racial Elements (Unit 5 in Block 2: Space and Society)	Written with S. Firdos	2015-2017
5	B.Sc. Geography (Gen. and Hons.) - under CBCS	Human Geography	Languages (Unit 7 in Block 2: Space and Society)	Written	2013-2016
6	B.Sc. Geography under CBCS	General Cartography	Basic Concepts (Unit 1 in Block 1: Introduction to Cartography)	Written with Satya Raj	2014-2015
7	B.Sc. Geography under CBCS	General Cartography	Maps (Unit 2 in Block-1: Introduction to Cartography)	Written	2018-19
8	B.Sc. Geography under CBCS	General Cartography	Map Scale, (Unit 3 in Block 1: Introduction to Cartography)	Written with S.K. Mohapatra,	2018-19
9	B.Sc. Geography under CBCS	General Cartography	Sources (Unit-9 in Block 3: Sources of Data)	Written	2018-19
10	B.Sc. Geography	General Cartography	Census and Sample Surveys (	Written	2019-20

	under CBCS		Unit 10 in Block 3: Sources of Data)		
11	B.Sc. Geography under CBCS	Economic Geography	Concepts in Economic Geography (Unit 2 in Block 1: Introduction to Economic Geography of the course Economic Geography)	Written	2022
12	B.Sc. Geography under CBCS	Economic Geography	Economic Development and Disparities (Unit 4 in Block 1: Introduction to Economic Geography)	Written	2022
13	M.Sc. Geography	Introduction to Geographical Thought	Foundation of Geography (Unit 1 in Block 1: Understanding Geography)	Written	2023
14	M.Sc. Geography	Cartography	Map Composition (Unit 12 in Block 4: Map Design and Output)	Written	2023
15	M.Sc. Geography	Cartography	Symbolization (Unit 13 in Block 4: Map Design and Output)	Written	2023
16	M.Sc. in Geography	Cartography	Representing Socio-economic Data (Unit 7 in Block 2: Thematic Mapping)	Written	2023
17	M.Sc. in Geography	Cartography	Exercise 14: Data Processing (an Exercise)	Written	2023
18	M.Sc. in Geography	Cartography	Exercise 15: Diagrams (an Exercise for the course Cartography)	Written	2023
19	M.Sc. in Geography	Cartography	Exercise 16: Single and Composite Maps (an Exercise)	Written	2023
20	M.Sc. in Geography	Cartography	Layout Preparation of Physical and Socio-Economic Aspects (Exercise 26 in Block 4: Map Design and Output)	Written	2023
21	M.Sc. in Geography	Environmental Geography	Pollution and Health (A Chapter)	Written	2023

22	M.Sc. in Geography	Methods of Geographic Analysis: Quantitative and Qualitative	Focus Group Discussion (Exercise 17)	Written	2024
23	M.Sc. in Geography	Methods of Geographic Analysis: Quantitative and Qualitative	Measures of Dispersion (Exercise 3)	Written	2024
<b>Transformation and Editing of Units</b>					
1	BDP/BSc. Geography (CBCS)	Human Geography	Concepts in Human Geography	Transformation and Editing	2013-2017
2	BDP/BSc. Geography (CBCS)	Human Geography	Perspective in Human Environment Relationship	Transformation and Editing	2013-2017
3	BDP/BSc. Geography (CBCS)	Human Geography	Human Adaptation to the Environment	Transformation and Editing	2013-2017
4	BDP/BSc. Geography (CBCS)	Human Geography	Religion and Belief	Transformation	2013-2017
5	BDP/BSc. Geography (CBCS)	Human Geography	Cultural Regions	Transformation	2013-2017
6	BDP/BSc. Geography (CBCS)	Human Geography	Urbanization	Transformation and Editing	2013-2017
7	MSc Geography	Introduction to Geographical Thought	Classical Period of Modern Geography	Transformation	2021
8	MSc Geography	Introduction to Geographical Thought	Unit 4: Period of Integration	Transformation	2021
9	MSc Geography	Introduction to Geographical Thought	Unit 5: Landscape and Region	Transformation	2021
10	MSc Geography	Introduction to Geographical Thought	Unit 6: Geography as Spatial Science	Transformation	2021
<b>Translation of Units</b>					
1	BDP/BSc. Geography (CBCS)	Human Geography	Nature and Scope of Human Geography as मानव भूगोल की प्रकृति और क्षेत्र, Unit 1 in Block 1	Translation	2020
2	BDP/BSc. Geography (CBCS)	Human Geography	Peopling and Racial Elements as मानव बसाव प्रक्रिया और प्रजातीय तत्त्व, Unit 5 in Block 2	Translation	2020
3	BDP/BSc.	Human	Languages as भाषा,	Translation	2020



	Geography (CBCS)	Geography	Unit 7 in Block 2		
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- Courses/ Units translated and period
- Audio programmes (title, Course, period)
- **Interactive Radio Counseling (IRC)**  
IRC details given in point no. 14.
- Video programmes (title and Course, period)

**Video Conference in Gyan Darshan**

Participated as a resource person on the topic “Innovation and Startup Opportunities in Geographical Sciences”, A Fortnightly Interactive Teleconference Programme on Innovation and Entrepreneurship Opportunities organized by NCIDE and EMPC, IGNOU on 22-05-2024.

**Web Conference**

Delivered a lecture on Tribals and Environmental Sustainability for the web-conference as a Resource Person for the students of Appreciation Course on Environment (Course Code: ACE).

**Video Lecture for Swayam Prabha Channel**

Recorded a video lecture on “**Fundamentals of Human Geography and its Relevance**”.

**13. Training programmes designed and conducted, duration and dates**

S.No.	Programme	Dates	Place	Number of Participants
1	Organized training workshop on Awareness on Geo-Informatics to the NYKS (Nehru Yuva Kendra Sangathan) volunteers under the project <b>Empowering Youth through Geo-Informatics for the Participation in Local Area Development (EYGIPLAD)</b> sponsored by the NRDMS, DST, Govt. of India in April 2007. The exclusive training was imparted on the Technology of GeoInformatics, Participatory Rural Appraisal (PRA), Participatory Rural Mapping (PRM), Watershed and Mapping through ArcView GIS.	17-04-2007 to 19-04-2007 and 24-04-2007 to 25-04-2007 (Five Days)	Birsa Bal Vikas Vidyalaya, Hochar Patratoli Village, Ratu Block, Ranchi	30 (Thirty)
2	Organized training workshop for selected NYKS volunteers on Concept of Watershed, Exposure to Computers, Introduction to Database and Data Processing, and GIS Exposure using training dataset under the project <b>Empowering Youth through Geo-Informatics for the Participation in Local Area Development (EYGIPLAD)</b> sponsored by the NRDMS, DST, Govt. of India	25, 26 and 28 September 2007 and 1st and 3rd October 2007 (Five Days)	Birsa Bal Vikas Vidyalaya, Hochar Patratoli Village, Ratu Block, Ranchi, Jharkhand	15
3	Organized training workshop for selected NYKS volunteers on Hands on on GIS applications in watershed (digitization and	29-31 October and 1-2 November 2007	NYKS Office, Kadru, Ranchi, Jharkhand	15

	creation of thematic layers, database in excel and ArcView GIS 3.2a, Spatial Information Generation and Watershed Applications under the <b>project Empowering Youth through Geo-Informatics for the Participation in Local Area Development (EYGIPLAD)</b> sponsored by the NRDMS, DST, Govt. of India	(Five days)		
4	Organized One Day Workshop in collaboration with the Nehru Yuva Kendra, Jharkhand to evolve an institutional mechanism for linking the activities to local level planning for sustenance involving the line departments and development agencies on Dec 3, 2007 at Ranchi under the project Empowering Youth through Geo-Informatics for the Participation in Local Area Development (EYGIPLAD) sponsored by the NRDMS, DST, Govt. of India	3-12-2007	HRDC, Near Gossner Theological Hall, Ranchi, Jharkhand	60
5	As Coordinator, organized, training course designed, lecture and practical classes taken for <i>Three Weeks Professional Training Course in Information Technology for ST Youth</i> on "GIS Database Creation of Land Records ( <i>Village Revenue Maps and Khatian &amp; Register II Data</i> )" sponsored by the Department of Social Welfare, Govt. of Jharkhand	9 <sup>th</sup> Feb 2009-17 <sup>th</sup> Feb 2009	Jharkhand Space Applications Center, Ranchi	30

**14. Details of Counselling sessions conducted:**

SNo.	Programme	Course	Place	Dates	Duration	Mode (Specify- Face to Face Radio counselling Teleconferencing Web conferencing Any Other)
1	Introduction to Geography in IGNOU and Launching of New Courses	All programmes of Geography	IGNOU	27 <sup>th</sup> November 2012	1 Hour	IRC
2	M.Phil. and Ph.D. Programmes in Geography in IGNOU	MPhil and PhD	IGNOU	9 <sup>th</sup> January 2018	1 Hour	IRC
3	Tribals and Environmental Sustainability for the web-conference as a Resource Person for the students of Appreciation Course on Environment	ACE	IGNOU	16 <sup>th</sup> March, 2016	1 Hour	Web Conferencing
4	Counselling for Term End Examination for Human Geography	Human Geography of BSc	IGNOU	21 <sup>st</sup> April 2020	1 Hour	IRC

5	Human Geography: Fundamentals, Space and Society, Population and Human Settlements	Human Geography	IGNOU	24 <sup>st</sup> Nov 2020	1 Hour	IRC
6	Overview of MGG 001: Introduction to Geographical Thought and MGG 008: Advances in Geographical Thought	MSc Geography	IGNOU	03-10-2023	1 Hour	IRC
7	Introduction to MGG-009: Social Geography	MSc Geography	IGNOU	24-12-2024	1 Hour	IRC

**15. Details of Patents granted (if any): NA**
**16. Contribution to IGNOU's corporate life:**

SNo.	Chairperson/ Member of Committee	Name of the Committee	Date/ period
1	Member	BDP Coordination Committee	2011-13 and since August 2016
	Member	Printing Committee	Since 20 <sup>th</sup> July 2016.
2	Coordinator from School of Sciences	Gyanvani IRC Programmes	June 2017-Jan 2018
3	Vice President	IGNOU SC ST Teachers Welfare Association	2013-2015
4	Member	Committee for monitoring General Cleanliness in the School	Since 24 <sup>th</sup> October 2016
5	Member	Committee for Celebration of National Science Day	January 2017
6	Member	Committee for devising detailed guidelines for assessing the performance of the candidates in the interview for admission to Ph.D. Programmes of the School	Since 24 <sup>th</sup> June 2015
7	Member	Committee for Delineating an Overall Framework and a Set of Uniform Guidelines for Organizing and Undertaking Research Work in the School of Sciences	Since 24 <sup>th</sup> June 2015
8	Member	Cultural Programme Committee of the School of Sciences	Since 2nd August 2022.
9	Member	Selection Committees	Since August 2021
10	Nodal Officer	Coordinating in the School of Sciences for CIQA related activities	Since 2024

**17. Administrative position/s held in the University (even as in charge)**

SNo.	Designation	Period
1	Discipline Group Coordinator, Geography Discipline, IGNOU	1 <sup>st</sup> July 2011 to 30 <sup>th</sup> June 2012 and February 1, 2021 to 31st January 2022
2	Research Programme Coordinator	9 <sup>th</sup> Feb 2015 to 8 <sup>th</sup> Feb 2016 and 9 <sup>th</sup> Feb 2017 to 7 <sup>th</sup> Feb 2019

**18. Any other contribution/information****Courses Taught****Pre-PhD Course work Prior to UGC Regulation 2016**

- RGG-001: Research Methodology in Geography
- RGG-002: Field Survey Methods and Use of Cartographic Representation in Research
- RGG-003: Research Techniques I (Quantitative)
- RGG-005: Remote Sensing and GIS Techniques in Geospatial Research
- RGGE-003: Research in Regional Development and Planning

**Pre-PhD Course work Post UGC Regulation 2016**

- RGG-101: Research Methodology in Geography and Field Methods
- RGGE-103: Regional Development and Planning in India
- RGGE-104: Social Factors in Region Formation in India

**Workshop/Seminar/Training Participation**

- Participated in the **15th International Asian Urbanization Conference: "Urban Futures: Critical Transformations in Asian Cities"** held at Vietnamese-German University, Ho Chi Minh City, Vietnam (27-30 November, 2019).
- Participated **40<sup>th</sup> The Institute of Indian Geographers (IIG) Meet and National Conference on Water, Sustainability, Livelihood and Climate Change**, Centre for the Study of Regional Development, JNU, New Delhi during March 14-16, 2019.
- Participated **ESRI India User Conference** on December 13, 2017 organized at Leela Ambience Convention Hotel, New Delhi.
- Jointly worked with Ritvik Chauhan (First Author) on Crime Mapping and Hotspot Analysis for Predictive Modelling: A Case study of a Part of Shimla City (**Poster Presentation presented by First Author**) in the 33rd International Geographical Congress, Beijing, China held at National Science Centre, Beijing during 21-25 Aug, 2016.
- Participated in the **International Conference and 47th Annual Seminar of The Regional Science Association, India on Urbanization and Regional Sustainability** held during January 28-30, 2016 in the Department of Geography, University of Calcutta.
- Participated in the **International Geographical Union (IGU) Regional Conference** Participated in the **4<sup>th</sup> Training Programme on Financial Management in Scientific Organizations** during 7-11 December 2015 in Indian Institute of Public Administration, New Delhi.
- "Geography, Culture and Society for Our Future Earth"** in Moscow, Russia held during 17-21 August 2015 in the Lomonosov Moscow State University, Moscow, Russia.
- Participated in **ICSSR National Seminar on Educational Status of Scheduled Tribes: Attainment and Challenges** held from 26th to 27th February 2015 at ICSSR, New Delhi.
- Participated in the **Brain Storming on "E-Delivery of Education Services" (Working Group VI/2) by International Society on Photogrammetry and Remote Sensing, Technical Commission VI : Education, Technology Transfer and Capacity Development** held in the Ministry of Earth Science (MOES), Prithvi Bhavan, Lodi Road, New Delhi on 26-06-2013.
- Participated **Five day workshop to review and finalise the material for the refresher course in Geography** organized by the Dept. of Education in Social Sciences, NCERT, New Delhi during 17-21 September, 2012.

**(Duly authenticated by the Director/ Head of School/ Division/ Unit/Centre / Cell)**

- xi. Participated in the Induction Programme on **“Distance Education Theory and Practices”** for Newly Recruited Teachers held during 21-25 November, 2011 organized by Staff Training and Research Institute of Distance Education (STRIDE), Indira Gandhi National Open University, New Delhi.
- xii. Participated as rapporteur in the **International Conference on “Adivasi/ST Communities in India: Development and Change”**, 27-29 August, 2009 organized by IHD, New Delhi sponsored by the Planning Commission, Govt. of India, UNICEF and The International Fund for Agricultural Development (IFAD).
- xiii. Participated in the **4<sup>th</sup> eINDIA 2008: India’s Largest ICT Event**, 29-31 July 2008, Pragati Maidan, New Delhi.
- xiv. Participated in the **International Symposium on Contemporary Trends in Cadastral Survey and Land Titling** organized by the Dept. of Land Resources, Govt. of India and Dept. of Survey Settlement, Govt. of Andhra Pradesh held at Hyderabad during 28<sup>th</sup> and 29<sup>th</sup> May 2008.
- xv. Participated in the **Regional Conference on Excellence in Public Service Delivery** at Assam Administrative Staff College (AASC), Guwahati during 13-14 November 2007 organized by the AASC and Dept. of Personnel & Training and Administrative Reforms, Govt. of India.
- xvi. Participated in the Workshop on the **National Land Resource Management Plan (NLRMP)** at India Habitat Center, New Delhi during 14-15 June, 2007 organized by the Dept. of Land Resources, Ministry of Rural Development, Govt. of India.
- xvii. Participated in the **25<sup>th</sup> ISRS Annual Convention and National Symposium on Emergence of Geoinformatics for Development: Trends and Opportunities** held on 6-9 Dec 2005 at Birla Institute of Technology, Mesra, Ranchi.
- xviii. Participated in the Workshop on **Utilization of Remote Sensing, GIS and GPS Technologies for the Development of Jharkhand State** held on September 24, 2005 at the Shri Krishna Institute of Public Administration (SKIPPA), Ranchi (Jharkhand).
- xix. Participated in the **National Seminar on “Role of Geoinformatics in Decentralized Planning for Better Governance** held on October 7-8, 2004 in Birla Institute of Technology (BIT), Mesra, Ranchi (Jharkhand).
- xx. Participated in the **National Seminar on Tribal Health in India: Present Status and Future Strategies** held on 8<sup>th</sup> to 10<sup>th</sup> February, 2001, NIHFW, New Delhi.
- xxi. Participated in the **South Asia Conference on Legacy of Mahbubul Haq- Human Development** held on 19-22 May, 2000, UNDP, New Delhi.

**Other Academic Activities**

- i. Member of Programme Development Committee for the programmes - BDP Geography (Major and General), BSc. Geography under UGC CBCS (General and Hons.), MSc. Geography, M.Phil./Ph.D. in Geography and PG Diploma in GIS and GeoSpatial Analysis (Preparation of Phase Forms, Development of Syllabi, Expert Committee Meetings and Member of Course Design Committee for various courses).
- ii. Member of Flying Squad for Term End Examinations of IGNOU, Observer for OPENMAT/BSc.N(PB)/Ph.D./M.Phil./B.Ed./M.Ed. Entrance Tests, Question Setter, Evaluation of various papers, Examiner of M.Phil. and Ph.D. Dissertations/Thesis, etc. of various Universities.

**Signature of Teacher /Academic**