

# Evaluative Report of the Department of Geography

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1. Name of the Department – Geography
2. Year of Establishment – 1954
3. Is the Department part of the faculty of the university? – Yes
4. Names of Programs offered (UG, PG, M.Phil, Ph.D. Integrated Masters, Integrated Ph.D. D.Sc. D.Lit. etc) – PG, M.Phil., Ph.D., D.Litt., D.Sc.
5. Interdisciplinary programmes and departments involved  
Yes, Academic Council of the University has approved the regulations to start PG Diploma Programme in “Remote Sensing and GIS” jointly by University Department of Geography and Geology. Necessary arrangements are being made to start the programme in near future.
6. Courses in collaboration with other universities, industries, foreign, institutions, etc.  
Negotiation with Ranchi Municipal Corporation is going on to include Urban Planning Course as per their specific requirements.
7. Details of programme discontinued, if any, with reasons – No programme has been discontinued.
8. Examination System – Semester
9. Participation of the department in the courses offered by other departments – No
10. No. of teaching posts sanctioned, filled and actual.

	Sanctioned	Filled	Actual (CAS & MPS)
Professor	2	0	0
Associate Professor	4	0	6 MPS
Asst. Professor	7	0	2
Others			

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Year of Experience	No. of Ph.D.	No. of M.Phil	No. of D.Sc
Dr. Ram Kumar Tiwari	MA Ph.D	Associate Professor	Population Geography	31	12	8	0
Dr. Jayashree Shahdeo	M.A, Ph.D.	Associate Professor	Land Use and Agriculture.	31	12	8	0
Dr. Bimla Srivastava	M.A, Ph.D.	Associate Professor	Land Use	36	3	7	0
Dr. Rakesh Narayan	MA, Ph.D	Associate Professor	Land use and Agriculture Geography	35	2	1	0
Dr. Rajiva Narayan	MA, Ph.D	Associate Professor	Cartography, Agriculture Geog., Geology	36	0	1	0
Dr. Lal Girija Shankar Nath Shahdeo	M.A, Ph.D.	Associate Professor	Population Geography	31	6	11	0
Dr. Jitendra Shukla	B.A. (Hons), LLB, M.A., Ph.D	Assistant Professor	Geomorphology, Regional Planning and Development, Cartography.	22	6	0	0
S.I. Ansari	M.A	Assistant Professor	Land Use	29	0	0	0

**12. List of senior visiting fellows, adjunct faculty, emeritus professors**

– None

**13. Percentage of classes taken by temporary faculty**

– None

**14. Programme-wise student Teacher Ratio.**

Course	Student	Teacher
M.A.	36	1
M.Phil.	1	1
Ph.D.	6	1

**15. No. of Academic support staff & administrative staff.**

Non Teaching Staff	Sanctioned	Filled	Actual
Support Staff (Technical)	3 Class III Staff	0	0
Administrative Staff	5 Class IV staff	3	3

**16. Research thrust areas as recognized by major funding agencies**

– SAP by UGC, DRS 1

**17. Number of faculty with ongoing projects from (a) National (b) International funding agencies & (c) Total grant received. Give the name of funding agencies, project title & grants received project wise.**

- (a) No. of faculty with ongoing projects funded by national funding agency – 2
- (b) No. of faculty with ongoing projects funded by international funding agency – None
- (c) Name of the projects
1. Recent Trends of Deepening of the River Valleys of Chotanagpur Plateau.
  2. Resource Appraisal and Planning for Development of Palamu Division, Jharkhand
- (d) Total grants received – Rs.2,92,800.00  
(Dr. J. Shahdeo),  
Rs. 7,55,580.00  
(Dr. J. Shukla)
- (e) Name of the funding agency – UGC, New Delhi

**18. Inter-institutional collaborative projects & associated grants received**

- (a) National Inter-Institutional Collaborative Projects – Expert Feedback Programme with HERE Solutions Pvt. Ltd., a Nokia Business.
- (b) National Inter-Institutional Collaborative Project's Grants Received – None
- (c) International Inter-Institutional Collaborative Projects – None
- (d) International Inter-Institutional Collaborative Project's Grants Received – None

**19. Department projects funded by DST-FIST, UGC-SAP/CAS, DPE, DBT, ICSSR, AICTE, etc; total grants received**

- (a) Departments Project Funded by – UGC-SAP-DRS-1  
(Discontinued due to non-availability of Univ. Professor in the department}

**(b) Total Grants Received** – 16,00,000

**20. Research facility center with**

**(a) Research Facility With State Recognition** – None

**(b) Research Facility With National Recognition** – None

**(c) Research Facility With International Recognition** – None

**21. Special research laboratories sponsored by/ created by industry or corporate bodies** – None

**22. Publications**

Name	No. of Papers: National	No. of Papers: International	Monographs	Chapters in Books	Edited Books	Books	Awards
Dr. Ram Kumar Tiwari	33	0	0	6	4	8	5
Dr. Jayashree Shahdeo	5	1	0	1	0	0	0
Dr. Bimla Srivastava	5	0	0	0	0	1	1
Dr. Rakesh Narayan	0	0			1		
Dr. Rajiva Narayan		2			1		
Dr. Lal Girija Shankar Nath Shahdeo	2	0	0	1	0	0	1
Dr. Jitendra Shukla	16	10	0	0		1	2
S.I. Ansari	0	0	0	0	0	0	0

- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) – Not available
- Citation Index – range/average – Not available
- SNIP – Not available
- SJR – Not available
- Impact Factor – range/average – Not available
- h-index – Not available

**23. Details of patents and income generated** – None

**24. Areas of consultancy and income generated**

Dr. Lal Girija Shankar Nath	Computerized data processing centre at RU. Centre also prepared the results of UG & PG of
Shahdeo	SKMU, Dumka in 2003 and generated an income of Rs. 1,06,000/- for Ranchi University

**25. Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad** – None

**26. Faculty serving in**

**(a) National committees** – None

**(b) International committees** – None

**(c) Editorial Boards**

Dr. Ram Kumar Tiwari	1. Sangam Patrika, 2. Vartman Sandarv, 3. Anusandhanika, 4. Journal of Integrated Development And Research 5. Geographical outlook
Dr. Jayashree Shahdeo	1. Geographical Outlook
Dr. Bimla Srivastava	1. Resonance National Journal of Value Education. 2. Geographical Outlook
Dr. Lal Girija Shankar Nath Shahdeo	Geographical Outlook, Ranchi University
Dr Jitendra Shukla	1. Practising Geographers 2. Journal of ISDR 3. Geographical Perspectives 4. Geographical Outlook

**(d) any other (please specify)** – None

**27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).**

Name	No. of Orientation/Refresher Courses Attended in the Last 4 Years	No. of Lectures Delivered as Resource Person in asc/any Other Institution in the Last 4 Years
Dr. Ram Kumar Tiwari	0	3
Dr. Jayashree Shahdeo	0	2
Dr Jitendra Shukla	2	4
S.I. Ansari	2	Nil

**28. Student Projects**

**(a) Percentage of students who have done in-house projects including inter departmental projects** – 100%

**(b) Percentage of students doing projects in collaboration with other universities/ industries/institute** – 20%

**29. Awards/recognitions received at the national international level by**

- (a) Faculty – None  
 (b) Doctoral/post doctoral fellows – None  
 (c) Students – None

**30. Seminar/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.** – A Workshop was organized on GIS and Remote Sensing on 9th & 10th May 2014

**31. Code of ethics of research followed by the departments** – Attached guideline of the university.

**32. Student profile programme-wise:**

Name of the Programme	Applications Received	Selected		Pass Percentage		
		Male	Female	Male	Female	
M.Phil (2012-013)	115	9	24	56	71	
M.Phil (2014-2015)	50	3	3			Ongoing
Ph.D (from 2012)		18	19			
M.A. 2015-2017	663	42	134			Ongoing
MA 2014-2016	534	15	70			Ongoing
MA 2013-2015	649	14	70			Ongoing
MA 2012-2014	646	16	71	63	72	
MA 2011-2013	606	15	72	80	81	

**33. Diversity of students:**

Name of the programme	% of Students from the same University	% of Students from other Universities within the State	% of Students from Universities outside the State	% of Students from other Countries
M.Phil	98	1	1	0
Ph.D.	87	6	7	0
M.A. 2015-2017	82	9	9	0
M.A. 2014-2016	98	1	1	0
M.A. 2013-2015	100	0	0	0
M.A. 2012-2014	97	1	2	0

**34. How many students have cleared Civil Services and Defence Service examinations, NET, SET, GATE, and other competitive examinations? Give details category-wise.**

Examination	Numbers
Civil Services Examinations	5
Defence Services Examinations	3
NET	20
SET	0
GATE	0
Other Competitive Examinations	0

**35. Student Progression:**

Student Progression	% Against Enrolled
UG to PG	
PG to M.Phil	25
PG to Ph.D	25
Ph.D to Post-Doctoral	0
<b>Employed</b> • Campus • Other	NA

**36. Diversity of staff:**

Percentage of Faculty who are Graduates	
of the same university	100%
from the other universities within the state	
from universities from other state	
from universities outside the country	

**37. No. of faculty who were awarded M.Phil, Ph.D., D.Sc., and D.Litt. during the assessment period**

- |             |        |
|-------------|--------|
| (a) M.Phil. | – None |
| (b) Ph.D.   | – None |
| (c) D.Sc.   | – None |
| (d) D.Litt. | – None |

**38. Present details of departmental infrastructural facilities with regard to**

- |             |  |
|-------------|--|
| (a) Library | – Approx 16000 books, atlas, journals etc. |
|-------------|--|

- (b) **Internet facilities for staff and students** – LAN connected with six nodes in the Computer Lab
- (c) **Total number of class rooms** – 2
- (d) **Class rooms with ICT facility** – None
- (e) **Student laboratories** – 2
- (f) **Research laboratories** – 1

### 39. List of Doctoral, Post-doctoral students & Research Associates

S. No.	Name of Candidate	Name of Supervisor	Title	Date
1	Md. Azfar Mandal	Dr. J. Shukla	The Resources Appraisal and Planning for Development in Bankura District West Bengal 12.02.12	12/12/2012
2	Ms. Reena Kumari	Dr. B.K. Mahto	Jharkhand ki Adim Janjatyon Ki Arthik evam Samajik Dasayen tatha Nitam Pariwartan: Ek Bhougolik Adhyayan	13/03/2012
3	Ms. Punam Rajak	Dr. R.K. Tiwari	Jharkhand men Mahila Jamsankhya Ka Karyashakti Pratirup	21/03/2012
4	Mr. Arijit Kumar Ghosh	Dr. M.P. Prajapati	Quantitative Geomorphology of the Baghmundi-Ajodhya Upland of Purulia District of West Bengal	26/03/2012
5	Ms. Debashree Roy	Dr. Shashibhushan	Urbanization and Population Milieu in Burdwan City	04/04/2012
6	Ms. Debashish Manna	Dr. M.P. Prajapati	Geomorphology of the Chaibasa Plain of Jharkhand	04/04/2012
7	Ms. Lucy Barui	Dr. M.P. Prajapati	Study in Fluvial Geomorphology of the Sona Basin of Jharkhand	13/04/2012
8	Ms. Reshma Reny Toppno	Dr. Jayshree Shahdeo	Ranchi Zila men Krishi Utpadka ke Prarup	11/04/2012
9	Ms. Angelin P. Toppo	Dr. Sheo Kumar	Rural Urban Migration: A Case Study of Ranchi District	27/07/2012
10	Ms. Bibiyana Horo	Dr. Sheo Kumar	Rural Tribal Female Outmigration: A Case Study of Khunti District	27/07/2012
11	Ms. Manju	Dr. R.K. Tiwari	Human Trafficking in Jharkhand: A Geographical Study	11/08/2012
12	Ms. Goretti Mariam Ekka	Dr. Jayshree Shahdeo	Problems and Prospects of Agricultural Landuse Development in Pach Pargana Plain, Jharkhand	10/09/2012
13	Mr. Animesh Roy	Dr. J. Shukla	Emerging Dimensions of Echo Tourism: A Geographical Perspective Based on the SWOT Analysis of the famous Water Falls Around Ranchi	12/02/2013
14	Mr. Anoop Kumar Mahto	Dr. B.K. Mahto	Flowericulture in Jharkhand: A Geographical Study 09.02.13	09/02/2013

15	Mr. Arbind Prasad	Dr. Jayshree Shahdeo	Simdega Zila men Krishi Bhoomi Upyog ke Badalte Swaroop ka Ek Bhougolik Adhyayan	02/03/2013
16	Mr. Somai Mandi	Dr. A.N. Deogharia	Saikela Kharsawan Zila ki Jan-sankhya evam Adhiwas: Ek Bhougolik Adhyayan	03/10/2013
17	Ms. Madhumita Minz	Dr. S. Kumar	A Functional Study Area of Urban Fringe of Ranchi City	26/02/2014
18	Ms. Soni Kumari Prasad	Dr. R.R. Srivastava	Urbanization and Its Impact on the Socio Economic Lift of the People: A Case Study of Ranchi City	26/02/2014
19	Mr. Dinesh Kumar Murmu	Dr. S. Kumar	Deoghar Zila Men Santhal Jan-jatiyo Par Nagrikaran Ka Pravao	11/08/2014
20	Ms. Rahil Mariam Prti	Dr. Rakesh Narayan	Van Sampada Evam Janjatiya Arth Vyawstha ki Samsyaen: Pashcim Singhbhum Zila Ka Ek Bhougolik Adhyayan	09/09/2014
21	Ms. Prema Nutan Gari	Dr. Jayshree Shahdeo	Nagrikaran Ka Krishi Bhoomi Upyog Paer Pravao : Saraikela-Kharsawan Zila Ka Bhougolik Adhyayan	09/09/2014
22	Mr. Umesh Chandra Nath Tiwary	Dr. Jayshree Shahdeo	Health Status of Asur Tribe - A Geo Medico Environmental Study in Netarhat Plateau of Jharkhand	26/03/2012
23	Mr. Raju Lakra	Dr. L.G.S.N. Shahdeo	Jharkhand Rajya men Banjar Bhumi ka Prabandhan: Ek Bhougolik Adhyayan	00/00/2015
24	Ms. Rinku Kumari	Dr. R.K. Tiwary	Jharkhand men Jansankhya Sansadhan Pradesh: Ek Bhougolik Adhyayan	00/00/2015
25	Ms. Rupashree Kumari	Dr. R.K. Tiwary	Angara Prakhand Men Krishi Bhumi Upyog ke Badalte Swaroop: Ek Bhougolik Adhyayan	00/00/2015
26	Ms. Sandhya Rani	Dr. Jayshree Shahdeo	Latehar Zila ki Mitti Ke Upyog ke Samsyaen evam Sambhawnayen	00/00/2015
27	Mr. Amit Kumar	Dr. Sunil Kumar	Dakhsini Chotangpur Pramandal Men Bhumi Upyog ke Samsayen evam Banjar Bhumi Prabandhan: Ek Bhougolik Adhyayan	00/00/2015
28	Ms. Shushma Soren	Dr. B.K. Mahto	Khunti Zila ki Janjatiya Samsyaen tatha Niyojan: Ek Bhougolik Adhyayan	00/00/2015
29	Mr. Nirmal Kumar	Dr. Jayshree Shahdeo	Jal Sansadhan ki Samsya. Sanrkshan evam Prabandhan: Dakshini Chotanagpur ke Sandarv men ek Bhougolik Adhyayan	00/00/2015

30	Mr. Ayushman Mishra	Dr. A.K. Singh	Socio Economic Status and Impact of Urbanisation on particularly Vulnerable Tribal Group of Chhatisgarh: Case Study of Baiga & Hill Korba Tribe of Korba & Bilaspur District.	00/00/2015
31	Mr. Jublee Tirkey	Dr. L.R.K.N. Shahdeo	Problems and Prospects of Agriculture in the Pat Area of Lohardaga District	00/00/2015
32	Prem Shankar Tiwari	Dr. Ram Kumar Tiwari	Jharkhand Ke Paristhiki, Arthiki aur Samaj par Paryatan ka Pravaw	00/00/2016
33	Wilson Dayal	Dr. Lal G.S.N. Shahdeo	Tilming Problems and Management of Pollution in Ranchi City	00/00/2016
34	Sweta Pandey	Dr. Debjani Roy	Spatio-Temporal Changes in Water Bodies of Ranchi District and its Impact on Livelihood Patterns	00/00/2016
35	Rajkamal Tiwari	Dr. Lal GSN Shahdeo	Changing Pattern of Agriculture in Jharkhand: A Geographical Analysis	00/00/2016
36	Suman Gupta	Dr. A.N. Deogharia	Geomorphology of the Gumla District of Jharkhand 2016	00/00/2016
37	Jay Kumar Honhaga	Dr. Lal GSN Shahdeo	Ranchi Ring Road ke Nikatwari Kshetron ke Bhumi Upyog ka Badalta Swaroop	00/00/2016

**40. No. of post graduate students getting financial assistance from the university**

1. 4 BPL students are given Rs. 500/- each per month
2. MA topper is appointed as Teaching Assistant for one year & is given Rs. 4000/- per month
3. PhD entrance test topper is also appointed as Teaching Assistant for two years and is given Rs. 5000/- per month

**41. Was any need assessment exercise undertaken before the development of new programmes?**

**if so, highlight the methodology** – Not Required

**42. Does the department obtain feedback from**

**(a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**

Yes. In the meetings of Departmental Council suggestions/feedbacks of faculty members on curriculum and teaching-learning-evaluation processes are attended.

**(b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Yes. According to the need of the students extra classes, tutorial classes are arranged and if they have problems anywhere else efforts are made to resolve them.

**(c) alumni and employers on the programmes offered and how does the department utilize the feedback?**

In the meetings with the alumni discussions are made on academic up gradation and the resolved issues are implemented for the betterment of the department.

**43. List of Alumni**

Name	Post
Prof. Nageshwar Prasad	University Prof., University of Burdwan, West Bengal
Dr. Deonath Singh	Deputy Director, NATMO, Kolkata
Sri. Arun Kumar Singh	Deputy Director, Archeological Survey of India, Kolkata
Sri. Ashok Kumar Sinha	Deputy Secretary, Administrative Training Institute, Ranchi
Mrs. Meena Thakur	Joint Secretary, Govt. of Jharkhand
Mrs. Saroj Srivastava	Joint Secretary, Govt. of Jharkhand
Dr. Mary Grace Toppo	Principal, Ursuline Convent, Ranchi (Awarded by President)
Mr. Rajendra Rai	Registrar General, Govt. of Jharkhand

**44. Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts**

Name of Address	Sub. of Lecture	Date
IGIS Software	Software for GIS and Remote Sensing	09/02/2013
Prof. (Dr.) V.C. Jha Director, National Atlas & Thematic Mapping Organization (NATMO), Kolkata	GIS and Remote Sensing	09 <sup>th</sup> & 10 <sup>th</sup> May 2015

**45. List the teaching methods adopted by the faculty for different programmes.**

- Through lectures
- LCD Projection
- Demonstration by maps and diagrams
- Instrumental survey
- Field surveys and observations etc

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Through internal assessments and class tests, seminars and group discussions.

**47. Highlight the participation of students and faculty in extension activities.**

- Instrumental Survey is conducted at any nearby village for duration of three weeks with the participation of all teachers and students of Semester-II each year.
- A socio-economic Survey of villages under any specified CDB by the students of Semester-II
- In Semester-IV an extensive dissertation is submitted by the students for the allotted topics of any specified CDB of the state under the supervision of respective teachers of the department.

**48. Give details of “beyond syllabus scholarly activities” of the department**

- Seminar on each Saturday for all Semesters and Group Discussions on burning topics
- Special lectures delivered by the external examiners or visiting scholars of the country

**49. State whether the programme/department is accredited/ graded by other agencies? If yes, give details.**

– No

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

- Socio-economic survey and dissertations submitted by the students each year for the villages/Community Development Blocks which is beneficial for the Govt. Officials.
- The Research outcomes are used and beneficial for the planning and development of the region.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Title	Description
Challenges	Bringing ST/SC/OBC and other economically backward students in the main national stream
Challenges	To educate & train the students from poor and weaker section of the society
Challenges	Superficial interpretation and poor quality of research
Challenges	Lack of field bases experiences, survey and participatory observation by researchers
Challenges	Social problems prevailing in the state
Challenges	Chances of admission especially to boys are less because girls get special weightage.
Challenges	Migration of students in other specialized courses and lack of political vision.

Opportunity	Extensive Research on regional geography of the state which is the part of the oldest landmass
Opportunity	May help in preparing Master Plan, Community Development Program and Heritage Plan of the City
Opportunity	The department may make considerable contribution towards management of the natural resources of this geographical region
Opportunity	In micro level planning, related to the irrigation and enhancement of agricultural products, the department has immense scope for contribution.
Opportunity	Management of water is the prime necessity of the day, department has opportunity in this field
Strength	The faculty members are dedicated to build the capacity of the students
Strength	The better accessibility for girls and other weaker students to the department
Strength	Favorable demography of the region
Strength	Increased socio-economic awareness of the region
Weakness	The Department lacks adequate number of teaching as well as the Technical and secretarial staff.
Weakness	The space is not sufficient, library needs more space, poor furnishing for research activities, lack of latest equipments in the laboratory
Weakness	Rare publication in peer reviewed research journals
Weakness	Lack of adding new researches and interdisciplinary courses
Weakness	Applied aspects of the subject require more space in the syllabus

## 52. Future plans of the department.

- The Department is planning to establish interactions with the academics and industry for their requirement so that the students may be prepared to cater their needs.
- To organize a conference of eminent geographers to establish the proper place of the branches of geography
- The Department plans to organize special lectures of eminent academicians of national and international repute
- The Department has planned to replace the older/manual equipments with the latest/electronic equipments
- Efforts will be made to get major research project for each teacher from UGC/DST and other funding agencies