

Department of Geology

1. Name of the Department & its year of establishment - **GEOLOGY, 1995**
2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) - **UG**
3. Interdisciplinary courses and departments involved – **ENVIRONMENTAL SCIENCE, REMOTESENSING, EXTRATERRESTRIAL GEOLOGY & ENERGY RESOURCE.**
4. Annual/ semester/choice-based credit system - **CBCS**
5. Participation of the department in the courses offered by other departments – No
6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors	01	01

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 4 years
Sri Manas Ranjan Swain	M.Sc, M.Phil	Lect	Applied Economic Geology & Petrography	15+	
Smt. Mamata Rani swain	M.Sc.,DCA, M.Phil	Lect.	Remote sensing & GIS Hydrology	05+	

8. Percentage of classes taken by temporary faculty – programme-wise information - **NA**
9. Programme-wise Student Teacher Ratio – **77 : 02**
10. Number of academic support staff (technical) and administrative staff: sanctioned and filled - **00**
11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. - **NIL**
12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received - **NIL**
13. Research facility / centre with - **NO**
 - state recognition
 - national recognition
 - international recognition
14. Publications: - **01**
 - * Number of papers published in peer reviewed journals (national / international) – 01
 - * Monographs
 - * Chapter(s) in Books
 - * Editing Books
 - * Books with ISBN numbers with details of publishers
 - * number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index – range / average
 - * SNIP
 - * SJR
 - * Impact factor – range / average
 - * h-index
15. Details of patents and income generated - **NO**
16. Areas of consultancy and income generated - **NO**
17. Faculty recharging strategies – Refresher/Orientation

Refresher Course attended by the Members of the Department.

Name	1 ST R.C	2 nd R.C	3 rd R.C	4 th R.C
Sri Manas Ranjan Swain	No	NO	No	No
Smt. Mamata Rani swain	No	No		

Orientation Programme attended by the members of the Department : -

Name	1 ST O.P.	2 nd O.P.	3 rd O.P.	4 th O.P.
Sri Manas Ranjan Swain	01 organsing by DST	01 organsing by C.G.W.B		
Smt. Mamata Rani swain	01 organsing by C.G.W.B			

18. Student projects

- percentage of students who have done in-house projects including inter-departmental **All final Degree students are bound for in house project under guidance of faculty members. – All (100%)**
- percentage of students doing projects in collaboration with industries / institutes – **2015 or 50% students doing project work (ground water) by C.G.W.B(India).**

19. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post-doctoral fellows -
- Students -

20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. - **No**

21. Student profile course-wise:

Name of theCourse (refer question no. 2)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2012-13	218	9	7	100%	100%
2013-14	450	23	09	100%	100%
2014-15	551	31	10	100%	100%
2015-16	612	50	11	100%	100%
2016-17	751	40	18	100%	100%
2017-18	820	41	15	100%	100%
2018-19	835	31	26	100%	100%

22. Diversity of Students

Name of theCourse (refer questionno. 2)	% ofstudents from thecollege	% ofstudentsfrom thestate	% ofstudentsfrom otherStates	% ofstudentsfrom othercountries
U.G	50	50	Nil	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

GATE-	2014-01	JAM-	2015-03	NET-	2017-03
	2017-01		2016-02		2018-02
	2018-01		2017-01		2019-01
	2019-01		2018-02		2019-02

24. Student progression

Student progression	Percentage against enrolled
UG to PG	55%
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	No campus from college 35%
Entrepreneurs	10%

25. Diversity of staff

Percentage of faculty who are graduates	
Of the same parent university	0%
From other universities within the state	100%
From other universities from other states	Nil

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. – PBF – **00**

27. Present details about infrastructural facilities

- a. Library – Library seminar lib.- No of books – **200**
Gen library or common ref: - **540**
- b. Internet facilities for staff and students -**Yes**
- c. Total number of class rooms - **3**
- d. Class rooms with ICT facility -**1(Common)**
- e. Students' laboratories - **01**
- f. Research laboratories - **NIL**

28. Number of students of the department getting financial assistance from College. – **PBF 10%**

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology. - **NA**

30. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
Yes. The Department obtained feedback from faculty on curriculum during board of studies meeting and incorporates the necessary changes in curriculum.
- b. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
Students feedback is obtained from drop box duly acknowledged
- c. Alumni and employers on the programmes and what is the response of the department to the same? **Weightage given on alumni & employers feedback on curriculum designing & teaching learning process.**

31. List the distinguished alumni of the department (maximum 10)

1. Mamata Rani Swain, Lect.in Geology, Nimapara(A) college.
2. Binaka Jena, Lect.in Geology, Talchel(A) college.
3. Jimuta Sen Nayak, Lect.in Geology, Revenshaw Dream University BARC-(Scientist-01)
4. Dipenparida, (ORSAC).
5. Ipsa Niharika, Teacher.
6. Monalisa Majhi, Teacher.
7. Hruday Ballabh Pradhan (Vedanta).
8. Swagatika Behera-Geologist (NALCO)

9. Subhashree Mishra -Asst. Prof Rajasthan
10. Bibhuti Bhusan Swain - Lect. In Geology (U.N. (Auto)College, Adashpur)
11. Lokanath Lenka - Lect in Geology (S.C.S(Auto) College, Puri)
12. Sripati Dash, Geologist private mining sector.
13. JayadevMishra(KIIT Teacher)
14. Dipti Nanda(Geologist (IMFA)
15. Santosh Ku. Dash(Geologist ORSAC)
16. Kamesh Pradhan. (Vedanta)
17. Hrusikesh Senapati (Vedanta)
18. Asit Rudranarayan Barik (Vedanta)
19. Biswaranjan Panda (MBA Reliance Marketing Officer)
20. Pankaj Kumar Khatri (Puri DRDA)
21. Sasmita Mohanty (Teacher)

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Extra classes are organized for slow learners.

Seminar and project work is taken for 6thsem students.

33. List the teaching methods adopted by the faculty for different programmes.

- a. **Traditional Classroom teaching**
- b. **L.C.D Projector teaching.**
- c. **Practical Demonstration/Teaching.**

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored? From students performance & result.

Departmental meeting is organized once a month to review the programme objectives and learning outcome.

Lesson plan and progress is review in each month end by H.O.D of department.

The time to time academic progress is review by principal in H.O.D's meeting.

Every end semester exam results are analyzed vividly.

Doubt classes are arranged for slow learners.

35. Highlight the participation of students and faculty in extension activities.

Students of the Department join Youth Red Cross, NCC and NSS units of the college as Volunteers and participate in the extension activities like organizing Blood Donation Camp, Adults literacy camps and Environment awareness camp and also for geology hours student attain the course work in Utkal University & C.W.C programme. Students of Geology Dept. are attend 3 days C.G.W.B programme on 27th to 31st January 2015 at Yatri Nivas Konark, Puri.

36. Give details of "beyond syllabus scholarly activities" of the department.

- In House Seminar, U.G.C sponsored seminar through external resource person.
- Motivating students for research work & guiding them for different entrance test.
- Organizing Quiz, Essay, Debate competition on various topics of science and Zoology in particular
- Active participation by the students in various academic & Co-curricular activities such as publication of wall magazine, celebration of Teachers day, welcome cum orientation programme & farewell ceremony, departmental picnic, Excursion and study tour & arrangement of talks by invited faculties, Observation of Saraswati & Ganesh Puja, Christmass, ID etc.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details. –
NO

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department
Strength :

- **Highly qualified and experienced teaching faculty and technical staffs.**
- **Highly disciplined and talented students**
- **Good relation between staff and student.**

Weakness :

- **Restricted autonomy in developing need base curriculum.**
- **Frequent transfer of faculty by the Govt.**
- **Students from rural background with low socio-economy and educational status.**
- **Restricted funds.**

Opportunity :

- **Seminar library**
- **Reading room facility**
- **Internate facility**
- **Supply of handout.**
- **PPT presentation of seminars by the students through LCD projector.**

Challenges :

- **To enhance the interest of students in higher study.**
- **To ensure the facility of research work.**
- **To make smart class room for the department physics**
- **To make multi user internet facility and to enhance strength of study room as well as seminar library.**

39. Future plans of the department. – To undertake PG course and self-finance course in Remote sensing & GIS.

40. P.G Course is continuity with 16 Seats.(Geology)

41. P.G. students og Geology Dept attain 2 days field Programme on 9th to 10th April 2019 of Dhauligiri, Udayagiri, Khandagiri & Talabasta fire.

