

WELCOME TO DEPARTMENT OF GEOLOGY

Estd. 1992-93



BANKI COLLEGE (AUTONOMOUS), BANKI

Overview

- Vision & Mission of the Department
- Department Profile and Highlights /Achievements of the Department
- Curricular Aspects
- Teaching-Learning
- Student Support and Progression
- Infrastructure and Learning Resources
- Institutional Values and Best Practices

Vision

- To achieve excellence in imparting higher education in the fields of earth sciences, with due emphasis on the quality of students at under graduate levels.
- To ensure the optimal use of resources with modern technology to create a place of higher learning in the field of earth science.
- To provide a stimulating environment capable of attracting the best students, staffs and faculty members.
- To create a meaningful vision towards mining industry.
- To interpret the earth with modern remote sensing

Mission

- The mission of geology students is to learn about Earth's history and physical features, and how to apply that knowledge to a variety of careers and fields.
- To assist basic geological, geomorphology, mining, remote sensing concepts , skills and creativity graduates capable of meeting the educational and development of the country.
- To build a dynamic and diverse field to study everything from the origin of the earth to the history of the life it sustains
- Geology students can help educate the public about the importance of environmental and engineering geology, and how it contributes to public safety and property protection

INTRODUCTION

- Year of Establishment: **2006** (Honours)
- Board of Classification of Stream: **Physical Science**
- Programmes offered: Under Graduate (UG) B.Sc. **Geology**

Affiliated to Utkal University, Bhubaneswar, Odisha

- State Model Syllabus for UG Course in Geology: **Choice Based Credit System (CBCS)**
- Duration of the Course: **3 Years(UG)**
- Interdisciplinary courses Department involved:

Generic Elective Geology

Student & Staff

Student Sanction Strength:

UG= 48

No. of Students enrolled:





UG= 45

Teacher-Student Ratio:

1: 16

Sl. No.	Position	No.
01	Faculty	03
02	Support staff	02
03	Attendant	01

Members of Geology Department

Name	Designation	Qualification & specialization	Experience	Photo
Mr.Jitendra Kumar Kanungo	Lecturer In Geology	M. Sc	29 Years	
Miss Bishnupriya Pradhan	Lecturer In Geology	M. Sc, M. Tech	10 Years	
Mr. Rakrsh Kumar Sahoo	Lecturer In Geology	M. Sc, B.Ed	2 Years	
Mr. Bibhuti Bhusan Hota	Demonstrator In Geology	M. Sc, B.Ed	18 Years	
Mr. Ranjit Kumar Rout	Demonstrator In Geology	M. Sc.	6 Years	

Research Projects

Major Project Aailed

Completed

Title:

Sanction Project No

Duration:

Total budget: Rs.

Ongoing

Title: Sanction Project order

Duration

Total budget:

Faculty Research Details

Name	Research Id	No. of Research Publications/ Books/ Patent	No. of Refresher/FDP No. of Seminar/ Conferences/ Workshops attended	Research Experiences	Awards/ Recognitions
				-	-
	-			-	-

Infrastructure and learning Resources

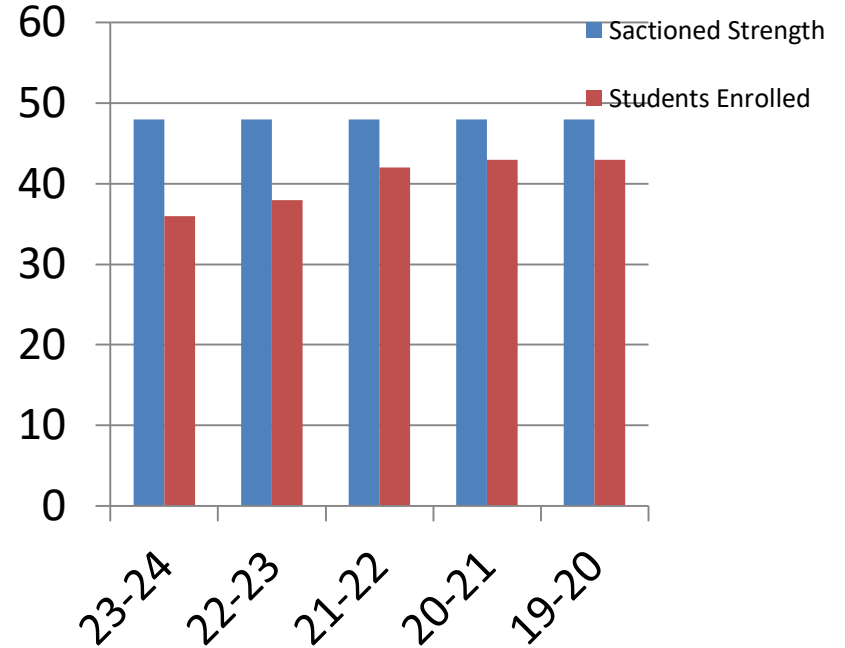
- Working Area : 2625 sq.fts.
- Ref. Books : 167
- No. of journals : 0
- Preparation and collection of PPTs' : 00
- Video lecture : 00

Major equipments

Microscope	03
Stereo Graphic projection	01
Computer	02
Hydrology Equipments	04
Chain compass survey	01

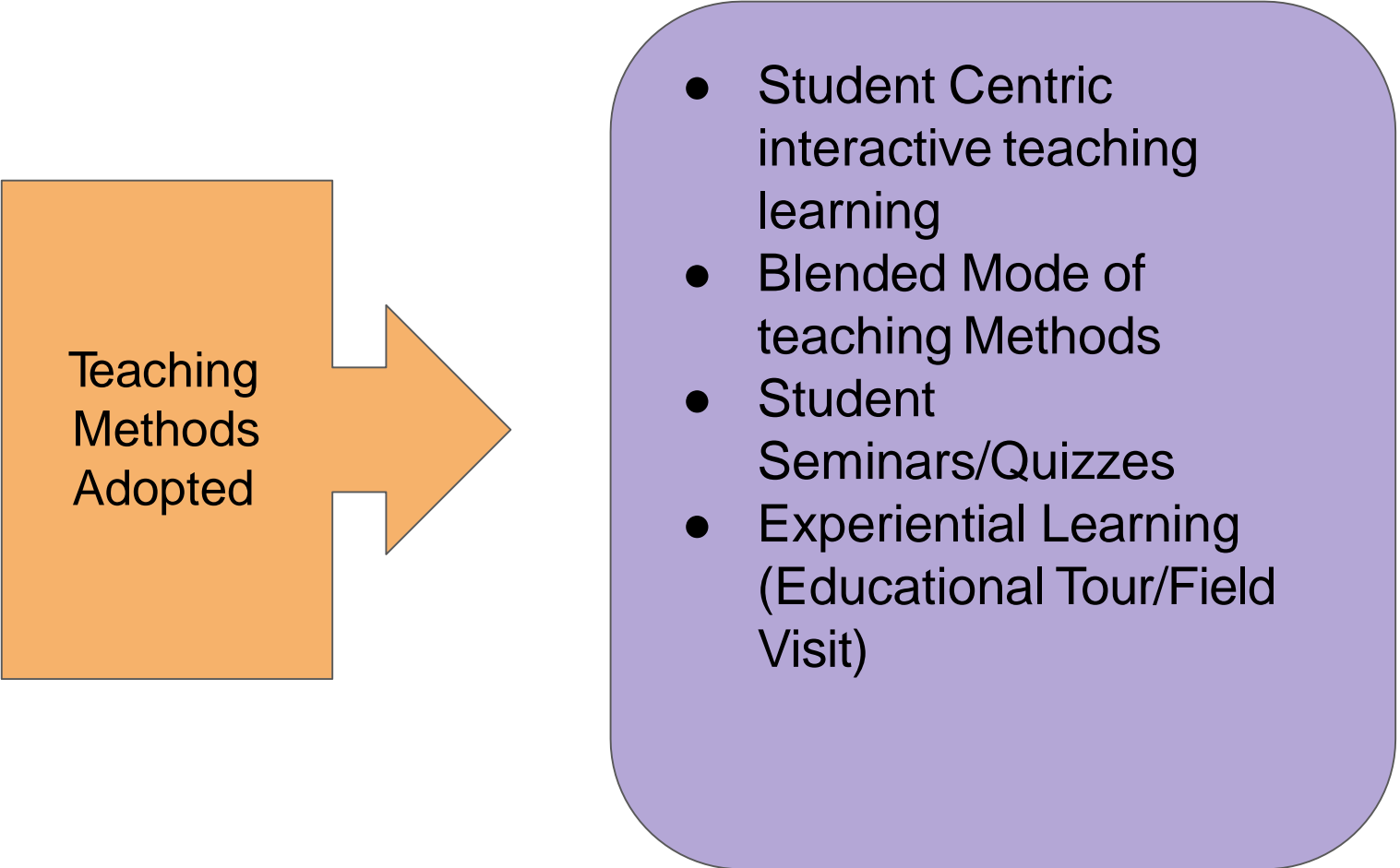
Student Profile

Academic Session	Sactioned Strength	Students Enrolled
2023-24	48	36
2022-23	48	38
2021-22	48	42
2020-21	48	43
2019-20	48	43



Teaching and learning Evaluation

- 1) **Chalk and Talk**
- 2) **Interactive Classes**
- 3) **Project work:** Every student of B.Sc. III has to write a project on various aspects of **Petrology, Environmental Geology, Mining, Mineralogy, Paleontology, Physical Geology**
- 4) **Students Seminar**
- 5) **Online Quiz**
- 6) **Field visits**

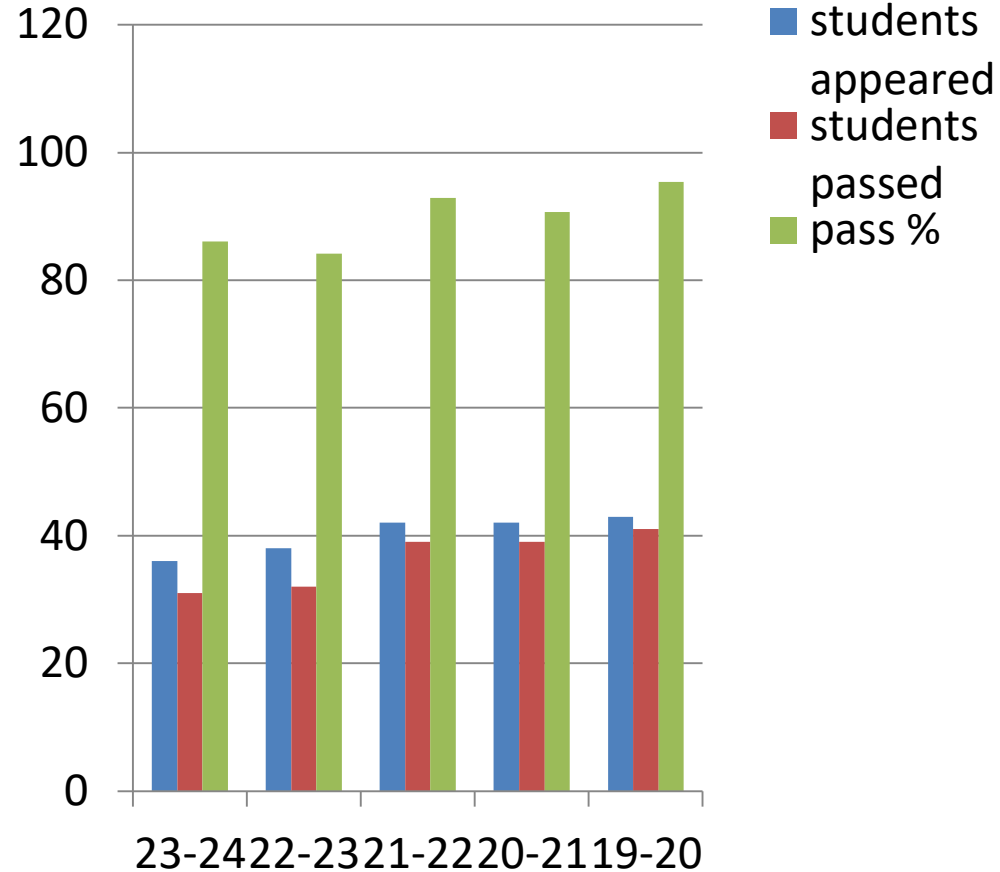


Teaching
Methods
Adopted






- Student Centric interactive teaching learning
- Blended Mode of teaching Methods
- Student Seminars/Quizzes
- Experiential Learning (Educational Tour/Field Visit)

Result Analysis of Last Five Years

Year	No. of Students Appeared	No. of Students Passed	Pass percentage (%)
2023-24	36	31	86.11
2022-23	38	32	84.21
2021-22	42	39	92.85
2020-21	42	39	90.69
2019-20	43	41	95.34



Best Performer of Last Five Years

Year	Name	Hons Mark (%)	Toppers Photo
2023-24	Sanjibanee Rout	82.40	
2022-23	Rajesh Kumar Swain	87.35	
2021-22	Arijit Dalai	1196	
2020-21	Satyabrata Patra	92.00	
2019-20	Aman kumar Mohapatra	87.85	

Student Progression

Year	Total	M.s c	P.hd	Employed	Other
2023-24	15+	12+		01	02(MBA)
2022-23	24	22		01	01(MCA)
2021-22	16	14		02	01(LLB)
2020-21	10	08		01	01(MCA)
2019-20	19	09	01	04	04(MCA) 01(B.Ed)

Students Placement/Job

Session	Student's Name	Nature of Job
2019-2020	1) Sudipta Ranjan Patra 2) Madan Mohan Nath 3) Shovanjit Pal 4) Deepti Ranjan Mohapata	Software development Engineer Executive Geologist (Golcha) CGWB Assistant Hydro geologist Assistant Branch manager(Indian Bank)
2020-2021	1) Asish Kumar Mallick	Constable (Odisha Police)
2021-2022	1) Chandini Indrajeet 2) Akash Rout	Branch Post master(kalahandi) Entrepreneur(Delik House)
2022-2023	1) Anjan Kumar Mahanta	Constable (Odisha Police)
2023-2024		

Awards and Recognition

Session	Name	Awards	
2020-21			
2020-21			

Student Enrichment Programmes

Year	Seminars	No.
2022-2023	Departmental Seminar	06
2023-2024	Departmental Seminar	04
2023-2024	National Seminar	01
	Invited lecture/Seminar	00
Total		11

National Seminar

**“Navigating a sustainable future with
Geospatial Technology”**

Date- 24.08.2024

Resource Person:

1) Mr. Prabhat Kumar Sahu

Geologist / Geoscientist

Geological Survey Of India, Jabalpur, State Unit M.P

2) Dr. Jajnaseni Rout

Asst. Professor In Geography

Ravenshaw University, Cuttack, Odisha

National Seminar



ବାଙ୍କୀ କଲେଜରେ ଜାତୀୟସ୍ତରୀୟ ଆଲୋଚନା



ବାଙ୍କୀ, ୨୫। (ନି.ପ୍ର.): ବାଙ୍କୀ ସମ୍ପ୍ରଦାୟର ମହାବିଦ୍ୟାଳୟର କୃତଷ୍ଟ ଓ ଭୃଗୋଳ ବିଭାଗର ନିର୍ଦ୍ଧିତ ଅନୁଷ୍ଠାନରେ ଜାତୀୟସ୍ତରୀୟ ଆଲୋଚନା କଲେଜ ଉତ୍ସାହୀନୀ ଭାବରେ ଅନୁଷ୍ଠିତ ହୋଇଅଛି । 'ନାରୀରେଶିଷ୍ଟ ସମ୍ବେଦନଶୀଳ ପିତୃତର ଭାବସ୍ଥାପିତା ଓ ସାମାଜିକ ଚେତନାଶୀଳ' ଶୀର୍ଷକ ଆଲୋଚନାକ୍ରମର ଅଧ୍ୟକ୍ଷ ଡଃ. ନିରଞ୍ଜନ ମହାନ୍ତି ଉଦ୍ଘାଟନ କରି ଏହାଦ୍ଵାରା ଉନ୍ନତଶିକ୍ଷା ଆଳୟର କର୍ମଚାରୀଙ୍କୁ ସମ୍ବୋଧନ କରି କହିଥିଲେ ।

ଉଦ୍ଘାଟନ ଅତିଥି ଭାବେ ପୂର୍ବତନ ଉପାଧ୍ୟକ୍ଷ ପ୍ରାଧ୍ୟାପକ ମନୋଜ କୁମାର ମହାପାତ୍ର, ପୁରୀର ଡଃ. ଭାବେ ମଧ୍ୟପ୍ରଦେଶ ଉଚ୍ଚବିଦ୍ୟାଳୟର ଉପାଧ୍ୟକ୍ଷ ଡଃ. ଅନୁଷ୍ଠାନର ନିର୍ଦ୍ଧାରିତ ଡଃ. ପ୍ରଭାତ କୁମାର ସାହୁ, ଅନ୍ୟତମ ସମ୍ମାନିତ ବ୍ୟକ୍ତିଗଣଙ୍କ ସମେତ ଉପସ୍ଥିତ ଥିଲେ ।

ବିଭାଗ ପ୍ରଫେସର ଡଃ. ସାଞ୍ଜୟକାନ୍ତ ରାଉତ ଯୋଗଦାନ କରି ଉଦ୍ଘାଟନ କ୍ରମରେ, ଉପସ୍ଥିତ ଡଃ. ଭୈରୋନିକ ସ୍ଥିତି ସମ୍ବନ୍ଧରେ ଆଲୋଚନା କରିଥିଲେ । ଅଧ୍ୟାପକ ଅନନ୍ତ ମିଶ୍ର ସମ୍ବନ୍ଧରେ ଆଲୋଚନା ଓ ଅଧ୍ୟାପକା ବିଶ୍ଵପ୍ରିୟା ପ୍ରଧାନ ଅତିଥି ଭାବରେ ପ୍ରଦାନ କରିଥିଲେ ।

ଏହି ଅବସରରେ କୃତଷ୍ଟ ବିଭାଗର ଡଃ. ପ୍ରତିଯୋଗିତାରେ ଓମ୍ ନୂପୁରୀ ଯୋଗ ଦେଇ, ସମ୍ବିତା ରାଉତ ବିଭାଗ ଓ ଉପସ୍ଥିତ ରାଉତ ଚୂଡ଼ାୟ ଗ୍ରାମ ଅଧ୍ୟାପକ ଭାବରେ କଲେଜର ବିଭାଗର କୁତଷ୍ଟ ପ୍ରତିଯୋଗିତାରେ ଅତିଥି ଭାବରେ ମଧ୍ୟକ୍ଷ ପ୍ରଦାନ, କଳ୍ୟାଣିୟା ଦାଶ ବିଭାଗ ଓ ନମିତା ଦଳେଇ ଚୂଡ଼ାୟ ଗ୍ରାମ ଅଧ୍ୟାପକ ଭାବରେ ଅତିଥି ଭାବରେ କଲେଜର ବିଭାଗର ବିଭାଗ ପ୍ରମୁଖ କାର୍ଯ୍ୟକ୍ରମ ସମାପ୍ତ ହୋଇଥିଲା ।

ସମ୍ବାଦ

ବାଙ୍କୀ କଲେଜ୍ କୃତଷ୍ଟ ଓ ଭୃଗୋଳ ବିଭାଗ ପକ୍ଷରୁ ଜାତୀୟ ସେମିନାର୍

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ବିଭାଗ ପ୍ରଫେସର ଡଃ. ସାଞ୍ଜୟକାନ୍ତ ରାଉତ ଯୋଗଦାନ କରି ଉଦ୍ଘାଟନ କ୍ରମରେ, ଉପସ୍ଥିତ ଡଃ. ଭୈରୋନିକ ସ୍ଥିତି ସମ୍ବନ୍ଧରେ ଆଲୋଚନା କରିଥିଲେ । ଅଧ୍ୟାପକ ଅନନ୍ତ ମିଶ୍ର ସମ୍ବନ୍ଧରେ ଆଲୋଚନା ଓ ଅଧ୍ୟାପକା ବିଶ୍ଵପ୍ରିୟା ପ୍ରଧାନ ଅତିଥି ଭାବରେ ପ୍ରଦାନ କରିଥିଲେ । ମହାବିଦ୍ୟାଳୟର ମୁଖ୍ୟ ପକ୍ଷୀୟା ନିୟନ୍ତ୍ରକ ପ୍ରାଧ୍ୟାପକା ଶାଞ୍ଜୟକା ନାୟକ, ପ୍ରାଧ୍ୟାପକା ମିନି ଧାର, ପ୍ରାଧ୍ୟାପକା ଅଧିକାରୀ ଡଃ. ଶୈଳେନ୍ଦ୍ରଚନ୍ଦ୍ର ଦେଓ, ଅଧ୍ୟାପକ ରାଜେଶ କୁମାର ସାହୁ, ବିଶ୍ଵପ୍ରସାର ଡଃ. ରଞ୍ଜିତ କୁମାର ରାଉତ ପ୍ରମୁଖ କାର୍ଯ୍ୟକ୍ରମ

ପରିଚାଳନାରେ ଉପସ୍ଥିତ ରହିଥିଲେ । ଏହି ଅବସରରେ କୃତଷ୍ଟ ବିଭାଗ ପକ୍ଷରୁ ଅନୁଷ୍ଠିତ ଡଃ. ପ୍ରତିଯୋଗିତାରେ ଉପସ୍ଥିତ ପ୍ରତିଯୋଗିତା ଭାବେ ଓମ୍ ନୂପୁରୀ ଯୋଗ, ସମ୍ବିତା ରାଉତ ଓ ଉପସ୍ଥିତ ରାଉତ ଏବଂ ଭୃଗୋଳ ବିଭାଗ ପକ୍ଷରୁ ଅନୁଷ୍ଠିତ କୁତଷ୍ଟ ପ୍ରତିଯୋଗିତାରେ ସାମାଜିକ ପ୍ରଥମ, ଚୂଡ଼ାୟ ଓ ଚୂଡ଼ାୟ ଗ୍ରାମ ଅଧିକାର କରିଥିବା ଅଭିନେତାଗଣଙ୍କୁ ନାୟକ, କଳ୍ୟାଣିୟା ଦାଶ ଓ ନମିତା ଦଳେଇଙ୍କୁ ପୁରସ୍କୃତ କରାଯାଇଥିଲା । ଏହାସହ ଉଚ୍ଚବିଦ୍ୟାଳୟର ଭୃଗୋଳ ବିଭାଗ ଶ୍ରେଷ୍ଠ ପୁରସ୍କୃତ କରାଯାଇଥିଲା । ଅଧ୍ୟାପକା ବିଶ୍ଵପ୍ରିୟା ପ୍ରଧାନ ଧନ୍ୟବାଦ ଦେଇଥିଲେ ।



National Seminar



Departmental Seminar



Field Visit



Welcome and Farewell Ceremony



Beyond Syllabus Scholarly Activities of the Department

- Student Seminar
- Student Participation in Outreach Programme
- Field Visit
- Poster presentation in various events

*Please provide images for the above activities

SWOC Analysis

Strengths

- Good communication of the students as the college is situated in the heart of the city
- Demand of the subject
- Students equipped with scientific temperament and ethics
- Active participation of students in departmental activities

Weakness

- Lack of Full strength permanent faculty
- Inadequate space, in terms of laboratory and smart class room

Opportunities

Small research or projects are undertaken by the students

All the students are adequately trained to pursue their higher studies

Challenges

To seed the research spirit among the students

Increase the rate of student progression in higher studies and employment

Future Plans of the Department

- Reshaping Laboratory with advance facilities.
- Virtual laboratory for understanding the Rocks, Minerals And Fossils
- Processing towards attaining academic excellence.
- To conduct workshop on modern techniques.
- To sensitize the students towards the society by organizing frequent outreach programs.

Thank
You!

dreamstime

