



Shri Shivaji Science College, Amravati



Department of Geology & Geoinformatics

Report on Internship completed from Earth Geological zone, Amravati

1. Introduction

The Department of Geology, Shivaji Science College, Amravati organized a field-based internship to enhance the practical understanding of geoscience among undergraduate students. The internship was conducted under the guidance and supervision of the **Earth Geological Zone Institute, Amravati**, with field training at **Pijdura**, a geologically significant location known for fossiliferous formations and sedimentary exposures. The program aimed to impart real-world experience in fossil study, lithological identification, and geological interpretation.

2. Participants

A total of **87 students** participated in the internship.

Class	Number of Students
B.Sc. I	32
B.Sc. II	33
B.Sc. III	22
Total	87

The internship provided students with practical exposure that complemented their theoretical curriculum.

3. Duration of Internship

The internship was successfully completed in **two phases**, with a total of **72 hours of field and research work**.

Phase 1 - 7 October 2024 – 30 October 2024

Phase 2 - 4 November 2024 – 11 November 2024

4. Conducting Organization & Guide

- **Host Institute:** Earth Geological Zone Institute, Amravati
- **Field Area:** Pijdura
- **Internship Guide:** Mr. Kartik P. Tiwari

The guidance provided by the institute and the field expert played an essential role in helping students gain hands-on geological knowledge.

5. Field Area Description

The **Pijdura** region exhibits rich geological diversity, especially:

- Fossil-bearing sedimentary formations
- Stratified rock sequences demonstrating depositional history
- Lithological variations helpful in paleoenvironment interpretation
- Surface geological structures like dipping beds, joints, and fractures

The area served as an ideal natural laboratory for geological exploration and fossil studies.

6. Activities and Learning Outcomes

Activities Performed

During the internship students completed the following:

- Fossil collection, classification, and preservation
- Identification of sedimentary rock types in the field
- Measuring strike and dip of sedimentary beds
- Stratigraphic logging and cross-section interpretation
- GPS-based location plotting and field documentation
- Preparation of field notebooks and geological sample labeling

Learning Achievements

At the end of the internship, students achieved:

- Practical skills in paleontology and sedimentology
- Understanding of fossil significance in age dating and correlation
- Experience in scientific observation and field data recording
- Knowledge of geological mapping and stratigraphic interpretation
- Development of teamwork, field discipline, and problem-solving abilities

7. Conclusion

The internship conducted under **Earth Geological Zone Institute, Amravati**, at **Pijdura** significantly enriched the knowledge and field experience of Geology students. Under the guidance of **Mr. Kartik P. Tiwari**, students observed and analyzed real geological and paleontological evidence, which enhanced both academic understanding and professional

confidence. The field activities successfully fulfilled the objective of connecting theoretical concepts with ground-reality geological settings.

8. Certificate Statement

This is to certify that **87 students of B.Sc. Geology (32 from B.Sc. I, 33 from B.Sc. II, and 22 from B.Sc. III) of Shivaji Science College, Amravati** have successfully completed their internship under **Earth Geological Zone Institute, Amravati at Pijdura**, guided by **Mr. Kartik P. Tiwari**, from **7 October 2024 to 30 October 2024** and **4 November 2025 to 11 November 2025**, for a total duration of **72 hours**.



Group photo at Pijdura



Certificate format-



EARTH GEOLOGICAL ZONE
Near Pavan Medical, Rathl Nagar, Amravati (444603)
Mob. No. 8087049328 | 9834780188
kartik@earth65092@gmail.com UAM No. MH03A0020290

INTERNSHIP CERTIFICATE

This is to certify that,
Mr. / Ms. Vinit Patiram Kasdekar
B.Sc. I / II / III from Shivaji Science College, Amravati has successfully completed,
winter internship in our institution Earth Geological Zone, Amravati, started from
27th October 2024 to 30th October 2024 and 4th November 2024 to 11th November 2024,
with a total duration of 72 hours. During the internship at Pijdura, Chandrapur and Kalamb,
Yavatmal, the student gained practical knowledge and hands-on experience in the following topics :

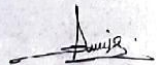
Pijdura, Chandrapur

- Introduction to Fossils and their Formation
- Observing Turtle Coprolites and Sinistral Coiled Gastropods
- The intern studied about dinosaur coprolites during fieldwork with respect to stratigraphy
- Understanding Paleontological Records in relation to Topography

Kalamb, Yavatmal

- Studied confined aquifer, enhancing their understanding of groundwater dynamics and hydrogeological systems

The internship provided the student with valuable insights into Paleontology, Stratigraphy,
and Hydro geology enhancing their theoretical and field knowledge in these domains. We wish
the student success in their future Endeavors.



Mrs. Priya K. Tiwari
Co-director
Earth Geological Zone,
Amravati



Mr. Kartik P. Tiwari
Director
Earth Geological Zone,
Amravati

Student's attendance-

SHRI SHIVAJI SCIENCE COLLEGE, AMRAVATI DEPARTMENT OF GEOLOGY

LIST OF STUDENTS WHO COMPLETED INTERSHIP FROM EARTH GEOLOGICAL ZONE, AMRAVATI

Class:-B.Sc. I (Sem-I)

Sr.No.	Name of students	Signature
1.	Saniya Narendra Dupatte	<i>Saniya</i>
2.	Trupti Vishwa it Rathod	<i>Trupti</i>
3.	Anmol Gajanan Vyavhare	<i>Anmol</i>
4.	Meet Naresh Ambekar	<i>Meet</i>
5.	Chirag Krishna Kunnare	<i>Chirag</i>
6.	Apurva Rajesh Dhurve	<i>Apurva</i>
7.	Bharti Atmaram Uike	<i>Bharti</i>
8.	Anamika Gunvant Kokare	<i>Anamika</i>
9.	Athar Khan Mustafa Khan	<i>Athar</i>
10.	Rasika Atulrao Kshirsagar	<i>Rasika</i>
11.	Saloni Maschhindra Bharker	<i>Saloni</i>
12.	Diya Nilkanth Thakare	<i>Diya</i>
13.	Monav Mahadev Wankhade	<i>Monav</i>
14.	Shravani Satish Ujjainkar	<i>Shravani</i>
15.	Chaitali Keshao Marjare	<i>Chaitali</i>
16.	Chanchal Sunil Thakare	<i>Chanchal</i>
17.	Abhay Kailasrao Gawai	<i>Abhay</i>
18.	Shubhi Ravindra Hiranwar	<i>Shubhi</i>
19.	Anmay Ajaykumar Koli	<i>Anmay</i>
20.	Renuka Satish Chikhalkar	<i>Renuka</i>
21.	Suman Kamal Madnani	<i>Suman</i>
22.	Tanvi Mangesh Solav	<i>Tanvi</i>
23.	Vinit Patiram Kasdekar	<i>Vinit</i>
24.	Samiksha Vilas Bhatkar	<i>Samiksha</i>
25.	Nisha Ramlal Kushwaha	<i>Nisha</i>
26.	Raj Radheshyam Nandwanshi	<i>Raj</i>
27.	Alisha Anil Chimote	<i>Alisha</i>
28.	Disha Shyam Bhilawekar	<i>Disha</i>
29.	Tejaswini Rajesh Jawanjale	<i>Tejaswini</i>
30.	Vanshi Rajendra Bhoyar	<i>Vanshi</i>
31.	Achal Ashok Samrat	<i>Achal</i>
32.	Lev Kamaalpusad Thakre	<i>Lev</i>

Class :- B.Sc. III (Sem. V)

Sr.No.	Name of students	Signature
1.	Rohan Rajesh Jawanjale	<i>Rohan</i>
2.	Mohini Gajanan Dhore	<i>Mohini</i>
3.	Payal Prakash Suroshe	<i>Payal</i>
4.	Aditya Sunay Aherwar	<i>Aditya</i>
5.	Shreya Pramod Avinash	<i>Shreya</i>
6.	Ravi Ashokrao Mohod	<i>Ravi</i>
7.	Minakshi Sanjay Wagare	<i>Minakshi</i>
8.	Ashutai Vinod Bhujbal	<i>Ashutai</i>
9.	Sanruddhi Subhash Sirsat	<i>Sanruddhi</i>
10.	Kirti Prakashrao Ingole	<i>Kirti</i>
11.	Payal Diwakar Dhawale	<i>Payal</i>
12.	Prathamesh Ravindra Sawale	<i>Prathamesh</i>
13.	Gayatri Someshwar Shelke	<i>Gayatri</i>
14.	Riya Vinod Marotkar	<i>Riya</i>
15.	Aditi Hukumchand Yadav	<i>Aditi</i>
16.	Prarav Dhanraj Sukhadeve	<i>Prarav</i>
17.	Pranav Bakaram Khangar	<i>Pranav</i>
18.	Vedanti Kishor Sonparote	<i>Vedanti</i>
19.	Parth Ajay Gure	<i>Parth</i>
20.	Sanika Prafull Thete	<i>Sanika</i>
21.	Anudh Nitinrao Kadu	<i>Anudh</i>
22.	Shreejay Gajanan Nage	<i>Shreejay</i>

Class :- B.Sc. II (Sem - III)

Sr.No.	Name of students	Signature
1.	Pranali Gajananrao Thakare	Pranali
2.	Prem Prashant Pawar	Prem
3.	Srushti Anil Manwar	Srushti
4.	Pranav Nandkishor Amale	Pranav
5.	Tannay Bharatrao Pusadkar	Tannay
6.	Shreyash Pramod Nimbhorkar	Shreyash
7.	Aditya Santoshi Jadhav	Aditya
8.	Aditi Sunilrao Ajankar	Aditi
9.	Dhanashree Suresh Lande	Dhanashree
10.	Atharva Prashant Vidhate	Atharva
11.	Shrikant Dharmendra Gawai	Shrikant
12.	Shreya Manish Kale	Shreya
13.	Prema Subhash Manmode	Prema
14.	Aditi Vinod Wahane	Aditi
15.	Sujal Sunilrao Jaisingpure	Sujal
16.	Minakshi Premdas Bhagwate	Minakshi
17.	Prajanishu Bhupendra Kamble	Prajanishu
18.	Shreya Santosh Ingale	Shreya
19.	Laxmi Sunil Tonde	Laxmi
20.	Pranjali Vinayak Maindkar	Pranjali
21.	Ragini Ashish Dhiye	Ragini
22.	Samir Kishorao Bire	Samir
23.	Tejeswini Ganesh Hissal	Tejeswini
24.	Vaishnavi Bhojraj Jungare	Vaishnavi
25.	Vedi Ravindra Hiranwar	Vedi
26.	Rushika Liladharan Maliye	Rushika
27.	Anand Sureshrao Dawale	Anand
28.	Kajal Sunilrao Kherde	Kajal
29.	Gauri Pramod Mahalle	Gauri
30.	Apurva Sanjay Jahakar	Apurva
31.	Sharvari Babulal Ingle	Sharvari
32.	Krushna Diliprao Mundane	Krushna
33.	Sarvet Dinesh Paudhan	Sarvet

Place:-Amravati

Date:- 15/11/2024

Dr. M.M. Deshpande
Asst. Professor & Head
Dept. of Geology
Shri Shivaji Science College
Amravati
Dept. of Geology & Geoinformatics
Shri Shivaji Science College,
Amravati

