



SHRI SHIVAJI SCIENCE COLLEGE, AMRAVATI.
DEPARTMENT OF GEOLOGY & GEOINFORMATICS
REPORT ON BRIDGE CUM INDUCTION COURSE 2024-2025

The Bridge cum induction course was organized by the Department of Geology & Geoinformatics, Shri Shivaji Science College, Amravati from 07/08/2024 to 08/08/2024 for the M.Sc. I year students. 11 students are regularly attended above Mentioned course. With the help of above-mentioned course students were easily understand the basic & applied knowledge of Geoinformatics and its scopes it will definitely increase the foundation knowledge of students in Geoinformatics field.

The Bridge cum Induction Program is designed to make the newly joined students feel comfortable, sensitize them towards exploring their academic interests and activities, reducing competition and making them work for excellence, promote bonding within them, build relations between teachers and students, give a broader view of life, and building of character.

Overview of the BRIDGE Program:

Head Dr. M. M. Deshmukh welcomes M.Sc. first-year students. she introduced student about the Geology & Geoinformatics department and all departmental colleagues there's research areas, research publication, teaching experience etc. they also talk about college various facilities available for all students like textbooks, reference books, international and national journals available for studies in the central library and departmental library, research facility in Geoinformatics, lab available in department etc.

In above Mentioned course following topics are explained to students

- 1) Introduction to Geoinformatics.
- 2) Importance of Geoinformatics in various sectors.
- 3) Visit to computer lab.
- 4) Visit to Museum.
- 5) Introduction to Remote Sensing.

6) Scopes of GIS & Remote sensing.

Overview of the Induction Program:

Head Dr. M. M. Deshmukh welcomes M.Sc. first-year students. She introduced student about the Geology & Geoinformatics department and all departmental staff members.

In above Mentioned course the following topics are explained to students in a Geoinformatics lab -

1. Understanding fundamental of the subject.
2. Detail introduction to field of Remote sensing & Data processing
3. Giving information regarding Indian Remote Sensing Satellite (IRS)World Major Satellite System
4. Explaining multidisciplinary subject knowledge includes Science, Computer science, Geography, Geology, Geological information system (GIS) & Remote sensing.
5. Detail introduction to field of Geographical information system & GPS
6. Brief introduction to Arc-GIS, Google Earth Pro, QGIS, Google Earth Engine Software
7. Giving information of how to analyse, design and develop GIS based information systems leveraging the concepts of different techniques, data analytics, software learning
8. The ability to apply the knowledge of software skills in building the Software Systems.
9. Introducing the Research area & Research opportunities in field of Geoinformatics.
10. Career Opportunities in Geoinformatics.

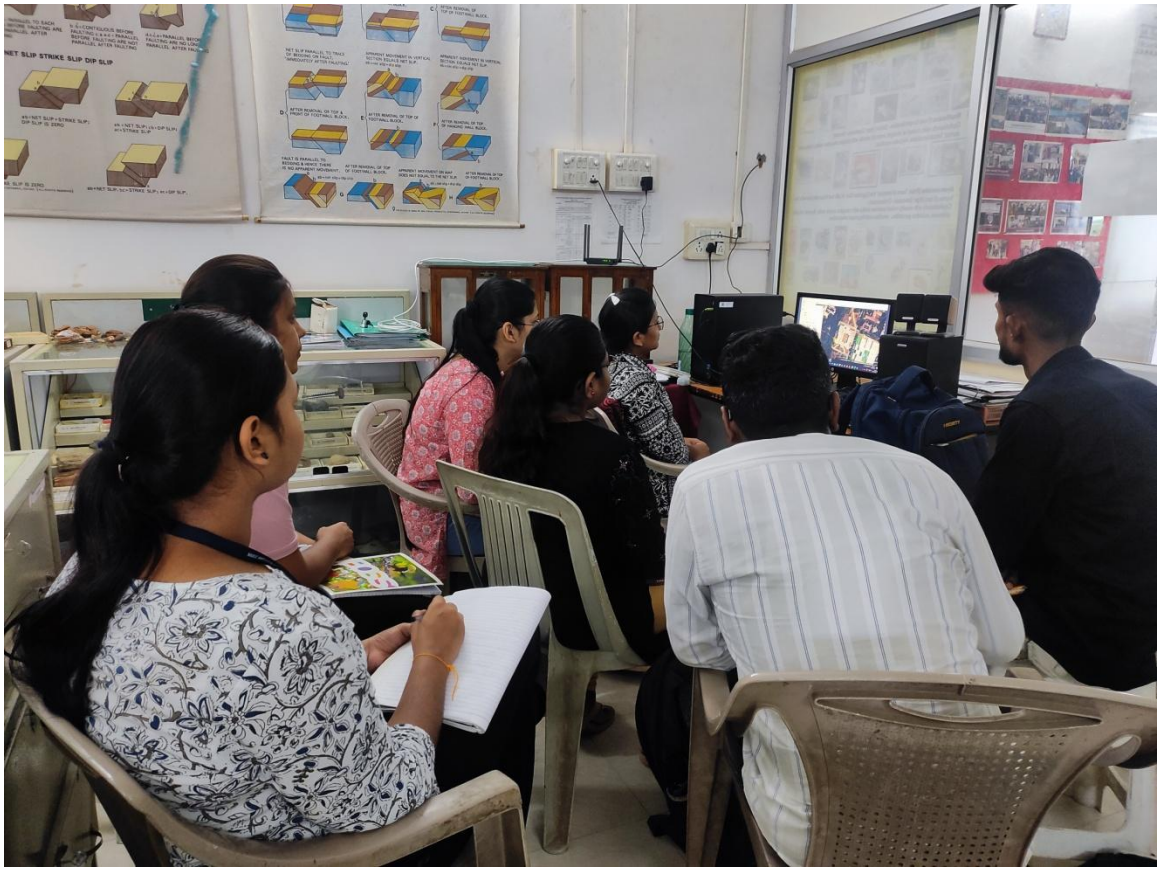
That Knowledge will hopefully help the students for their career in Remote sensing and Geoinformatics and its related fields.

Schedule of Course.

Sr. No	Name of Course	Date	Time	Beneficiaries
1	Bridge cum Induction Course	07/08/2024To 08/08/2024	In lecture time	11









ATTENDANCE M.Sc I

SHRI SHIVAJI SCIENCE COLLEGE, AMRAVATI.

DEPARTMENT OF GEOLOGY & GEOINFORMATICS

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2024-2025

Attendance List

M.Sc I

Sr no	Student Name	Signature
1	Sayali D.Lunge	<i>S. Lunge</i>
2	Priya P. Dhoke	<i>P. Dhoke</i>
3	Prajwal P. Tikhe	<i>P. Tikhe</i>
4	Pratik D. Charjan	<i>P. Charjan</i>
5	Trupti D. khandare	<i>T. Khandare</i>
6	Renuka P. Mohture	<i>R. Mohture</i>
7	Kiran G. Naik	<i>K. Naik</i>
8	Vaishnavi K. thakur	<i>V. Thakur</i>
9	Bhagyashri C. Kumbhare	<i>B. Kumbhare</i>
10	Tuba firdaus S. Ahmad	<i>T. Ahmad</i>
11	Vanshika S. Chaudhary	<i>V. Chaudhary</i>

Date: 8-9/8/2024

Place: Amravati

Head
Dept. of Geology & Geoinformatics
Shri Shivaji Science College,
Amravati.

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