

Departmental Activity 2018-19

1. Inaugural function of geological society

Inaugural function of geological society was organized in College Auditorium on 7th September 2018. **Mr. Yogesh Pandey, Director, Geological Survey of India, Raipur** was invited as guest of honor. Principal Dr D.N. Varma was also present.



The programme was commenced with goddess Saraswati Vandana, followed by welcome of chief guest and Principal. Addressing the gathering, Dr Rajeeva Guhey, In Charge Prof. & Head, Geology, introduced chief guest Mr Yogesh Pandey, who was Alumni of Geology Department of Geology of our College.



After introduction Dr Guhey announced the formation of Geological Society and informed the nomination of four students for academic activities during 2018-19, President- Ku, Chameli Patel, Vice President- Badal Sahu, Secretary- Sujal Varma B.Sc. Final Jt Secretary- Ku. Sristi Tiwari, B.Sc.

II. Then he invited Chief Guest for his key note address on **“Activities of Geological Survey of India (GSI) with special reference to mineral resources of Chhattisgarh.”**



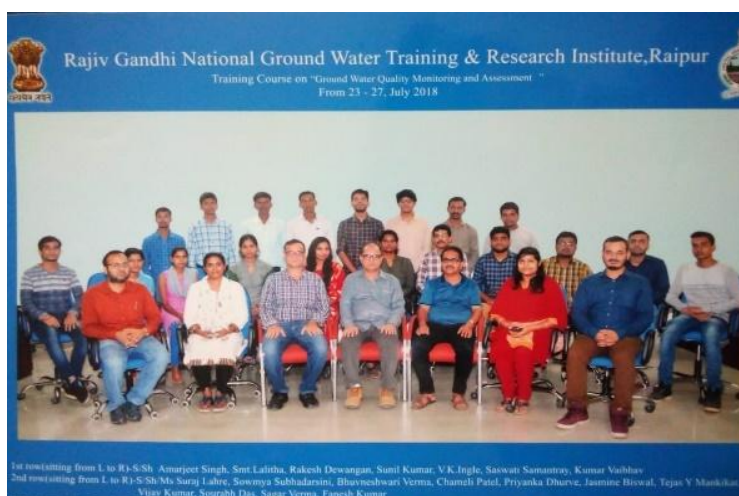
In his key note address on the topic, Sri Yogesh Pandey informed that the Geological Survey of India (GSI) was set up in 1851 primarily to find coal deposits for the Railways. The arrival of Sir Thomas Oldham, Professor of Geology at Trinity College Dublin, marked the beginning of the Geological Survey of India. The main functions of GSI relate to creation and updation of national geoscientific information and mineral resource assessment. These objectives were achieved through ground surveys, air-borne and marine surveys, mineral prospecting and investigations, multi-disciplinary geoscientific, geo-technical, geo-environmental and natural hazards studies, glaciology, seismo-tectonic study, and carrying out fundamental research. Outcome of work of GSI has enormous societal value.

Sri Pandey further informed that the head-office of GSI is established at Kolkata. There are six Regional offices located at Lucknow, Jaipur, Nagpur, Hyderabad, Shillong and Kolkata and State Unit offices in almost all States of the country. Presently, Geological Survey of India is an attached office to the Ministry of Mines. With his vast field experience, Sri Pandey described the stratigraphy and mineral wealth particularly Iron, Bauxite, Limestone, Coal, Diamond Gold deposits of Chhattisgarh. In the last Sri Pandey explained a newly launched Bhuvismavd project, of Ministry of Mines, Government of India aiming at exchange of knowledge and expertise between GSI and various academic institutions having Geology subject in UG and PG. The programme was conducted by Ku S. Satyarthi and the vote of thanks was given by Prof. Pradeep Thakur

2. Skill Development on Quality Monitoring and Aseesment

Date of Event: (23rd July-27th July 2018)

Context:	New techniques in ground water studies
Objective:	Practical training in remotesensing& GIS
Activity:	Presentation,practical training on classroom & data check on field
Evidences:	Photographs. Attached
Impact Analysis:	a) Learning outcome -expertise in the field of remotesensing& GIS for groundwater studies. b) Beneficiary: Students of M.Sc. Geology



3. Skill Development on Geophysical Techniques in Ground Water Studies

Date of Event: (4th Feb -15th Feb 2019)

Context: New techniques in ground water studies
Objective: Practical training in remotesensing& GIS
Activity: Presentation,practical training on classroom & data check on field
Evidences: Photographs. Attached
Impact Analysis: a) **Learning outcome**-expertise in the field of remotesensing& GIS for groundwater studies.
b)**Beneficiary:** Students of M.Sc. Geology



4. Geological Field training of M.Sc. II Sem. students In GSI under Bhuvismvad project (18-23 FEB 2019)

Context: Geology is a field science so field studies are essential.
Objective: Field work helps students to identify rocks, and structures.
Activity: Practical training on field and samples collected from various locations.
Evidences: Photographs. Attached
Impact Analysis: a) **Learning outcome-** Students were given hands on training how to measure attitude of various geological features
b) **Beneficiary:** M.Sc. IInd Sem students.

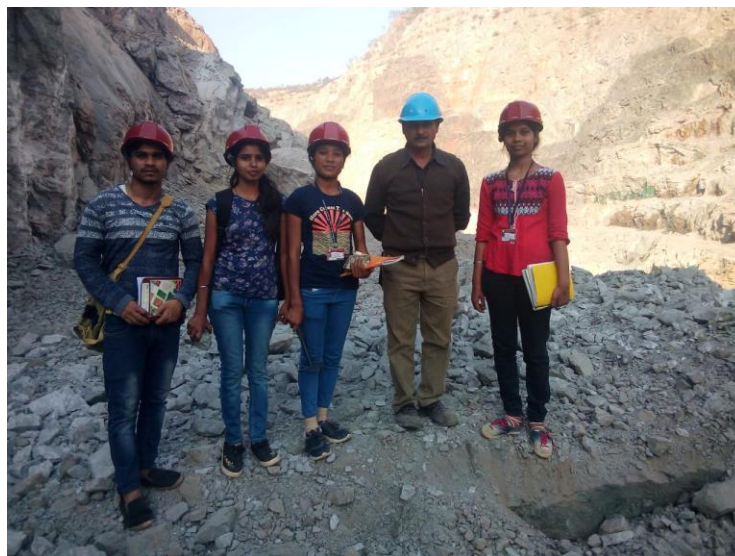




5. Project work of M.Sc. IV Sem. Geologystudents

In Malanjkhand Copper Mines (07thFeb-20thFeb 2019)

Context:	Geology is a field science, so project oriented field studies are essential.
Objective:	Field work helps students to identify different geological problems. It enhances the research capabilities of the student.
Activity:	Practical training on mineral exploration, mining methods, ore reserve calculations, environmental impact assessment has been carried out.
Evidences:	Photographs. Attached
Impact Analysis:	a) Learning outcome- Students were given training on different aspects of exploration, and mining. It will help to get job in mining industry. b) Beneficiary: M.Sc. IVnd Sem students.





6. Project Work M.Sc. IV Sem. Geology in Bacheli Iron Ore Mines, Distt. Dantewada. (11Feb-25Feb2019)

Context:	Geology is a field science, so project oriented field studies are essential.
Objective:	Field work helps students to identify different geological problems. It enhances the research capabilities of the student.
Activity:	Practical training on mineral exploration, mining methods, ore reserve calculations, environmental impact assessment has been carried out.
Evidences:	Photographs. Attached
Impact Analysis:	a) Learning outcome- Students were given training on different aspects of exploration, and mining. It will help to get job in mining industry. b) Beneficiary: M.Sc. IVnd Sem students.





7. Geological Field training M.Sc. IV Sem. Geology In TRB Iron Ore Mines ODISSA (6th-19th Feb 2019)

Context:	Geology is a field science, so project oriented field studies are essential.
Objective:	Field work helps students to identify different geological problems. It enhances the research capabilities of the student.
Activity:	Practical training on mineral exploration, mining methods, ore reserve calculations, environmental impact assessment has been carried out.
Evidences:	Photographs. Attached
Impact Analysis:	a) Learning outcome- Students were given training on different aspects of exploration, and mining. It will help to get job in mining industry. b) Beneficiary: M.Sc. IVnd Sem students.



