



DEPARTMENT OF GEOLOGY

Information on Field work 2022-2023: SEM – III

Date of Visit: 23.11.2022, 24.011.2022, 07.12.2022, 08.12.2022

Area: Purulia and surroundings

The entirety of field exposure has been categorized systematically into three phases with their characteristic objectivity. the first field work has been so designed that students get to be acquainted to locate themselves on toposheet, identifying the rock type exposed at that location along with structural fabric (if any).this accrued knowledge will facilitate to go through 2nd fieldwork which is end at producing a geological map of a given area by generating the entire collage of expousers. The 3rd field work is basically exploration of mineral resource.

Students belonging to III Semester were exposed to geological fieldwork which is integral part of the curriculum (SEC-1) .The fieldwork is given due importance as it is essential for understanding and interpreting and co-relating nature of crustal evolution.



Aruthapadhyay
Principal
J.K. College, Purulia



S1 no.	Roll no.	Student's Name
1	2134001	Abhishek Poddar
2	2134002	Achintya Mahato
3	2134004	Anirban Guha
4	2134008	Barsan Mahato
5	2134010	Chitradeep Mahato
6	2134011	Debraj Mondal
7	2134018	Mitul Patra
8	2134019	Nupur Misra
9	2134022	Ridhhi Biswas
10	2134027	Suman Roy
11	2134030	Tanwi Mondal
12	2134031	Pritam Adhikary
13	2134032	Sanu Dutt
14	2134033	Manimoy Pathak
15	2134034	Avijit Chakraborty


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SEM – IV

From 13.02.2023 to 18.02.23

PLACE OF VISIT: BIHARINATH

Under the guidance of: Sri Sayantan Datta, Dr. Subhrajyoti Das, and Miss Jagriti Pal

Students belonging to IV Semester were exposed to geological fieldwork which is integral part of the curriculum(SEC-2).



Geology, as a subject is a branch of Earth science, which is a natural science in which ensembling of different fundamental sciences takes a shape. Therefore, whatever written in text books are based on practical exposures to nature, and in order to understand that, one has to have field exposure. Natural happenings and terrestrial and even cosmic events to some extent has some form of bearings or signatures encrypted on crustal units called rocks, and as a geologist, one has to unearth that to interpret what happened in remote past at a particular stage of crustal evolution. Mere classroom practical classes are not even a simulation of nature. It just imbibes an orientation prior to field exposure. Even the word " excursions " is a diluted, oversimplified and understatement to express geological field work. That is why geology curriculum without field work is an absolute void. As a subject, geology is viable because it has its own job domain in mineral exploration. It is to delineate mineral potential zone in a given area by adopting a systematic approach which geologist only can do by synergizing theoretical know-how with understanding of natural mode of occurrence. Pervasive field work is a necessity for that. A geologist is adjudged good only if he or she can relate his or her accrued theoretical knowledge with nature and interpret that . Then only geological knowledgedome is practically viable, otherwise not. Therefore field work as has been incorporated in SEC with special thrust. Even before, field work has been integral part of geology traditionally.

It benefits students of geology to become industry-ready. The objective is to inculcate a transparent idea of spatial & temporal distribution of rocks with their paragenesis. With more field experience, more expertise is garnered as it ensembles knowledgedome in true sense. For sake of mineral exploration, mapping idea is a pre requisition. Everything is taught including exposure to mineral exploration and it benefits them a lot in the form of skill enhancement, so far holistic learning as well as its employability are concerned. Field

work inculcates an accretion of knowledge and get them equipped with industrial orientation.

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