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Education Society's Group of Institutions - Integrated Campus
Approved by AICTE, New Delhi, Affiliated to JNTU - Hyderabad
SCHOOL OF ENGINEERING

DEPARTMENT CIVIL OF ENGINEERING

A REPORT on INDUSTRIAL VISIT of GEOLOGICAL SURVEY OF INDIA,
BANDLAGUDA, HYDERABAD

06-09-2019

An industrial visit is organized on 05-09-2019 for B. Tech Civil Engineering students by obtaining approvals from the Director, NNRESGI & Director, Geological Survey of India, Bandlaguda, Hyderabad. The students of 2nd year were informed about the field visit prior by a week and asked to report the institution by 09:15 am.

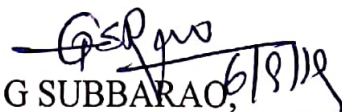
Dr G Subba Rao, Prof & HoD and Mr M Karthik Kumar Reddy Asst Professor accompanied by II year civil engg students for the above said industrial visit. 52 students of II year out of 61 reported to Geological Survey of India, Bandlaguda, Nagore, Hyderabad where the total students are made into 3 batches. All the students visited Rock Museum, Rock Garden, Petrological Division, XRF Spectrophotometer lab in a systematic way of manner.

Dr Mahajan Maha Lakshmi, Geologist explained about the Minerals, Rocks, Gemstones including rare minerals in the rock museum. Also enlightened the subject Paleontology by showing the remnants of fossils like Dinosaurs etc for all the batches. Mr Narahari, Director of Petrological Division, GSI explained about the operation of Petrological microscope and its parts to all. A few minerals like quartz, plagioclase, biotite were shown with the help of Petrological microscope. In addition, a few optical properties namely Extinction, pleochroism, twinning etc were also shown practically.

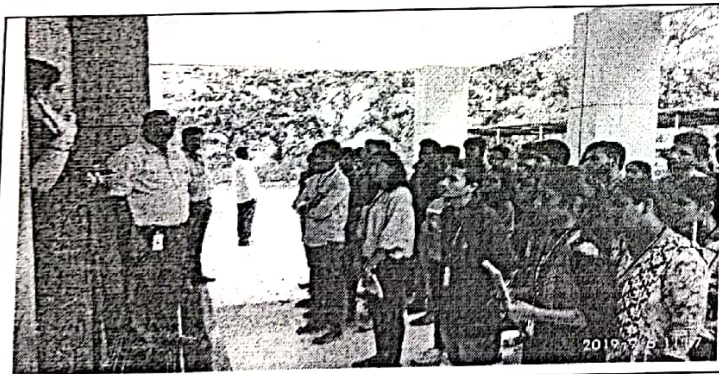
Dr G Subba Rao, Professor, NNRESGI took all the students to Rock Garden and shown the availability of Rocks in Southern India. GSI arranged the rocks systematically according to their availability in all southern states. Since the concerned officer of GSI is on leave, Dr G Subba Rao explained about various rocks.

Shri Ch Ravi Kumar, Sr Chemist, XRF Spectrophotometer Division explained the procedure to prepare a sample which is required to get the data through XRF spectrophotometer. Also, the procedure to get the chemical analysis of a mineral / rock explained in detail.

Finally, both Dr G Subba Rao and Mr M Karthik Kumar Reddy expressed and conveyed their wishes to the authorities of GSI at the end of the day. Student feedback analysis, analysis report, action taken report is prepared and enclosed for further action.


Dr G SUBBARAO, 6/9/19
Professor & HoD

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Photo Gallery of INDUSTRIAL VISIT of GEOLOGICAL SURVEY OF INDIA,
BANDLAGUDA, HYDERABAD



GSI officers explaining about Rock Museum and the importance Petrology, Mineralogy and paleontology to NNRESGI CIVIL Engg students



Shri Narahari, Director, Petrological Division is showing the optical properties of Minerals



Shri Ch Ravi Kumar explaining the XRF Spectrophotometer at GSI