

BharatiVidyapeeth's

MatoshriBayabaiShripatraoKadam, KanyaMahavidyalaya

Kadegaon, Dist- Sangli

Department of Physics

Institutional Visit to

Borehole Geophysics Research Laboratory (BGRL), HajarMachi, Karad on dated

25th, Jan.,2023



As per the annual planning of the department, this year, we decided to visit **Borehole Geophysics Research Laboratory, HajarMachi, Karad** with physics graduates in the month of January, 2023. We got the permission for the same by mail from the project coordinator Dr. Dinesh Rase on 20th Jan., 2023, who able to arrange the visit on 25th Jan., 2023.

We finalized the visit on same day which is reliable for them. There are eleven students and three faculties from the department had been participated. Though the spot is about ten kilometers away from our college, we reached there at 11.00 am sharp by car. **Dr. Dinesh Rase** and the team along with them had been welcomed us on the gate of the institution.

Dr. Anjali Sharma, junior scientist of BGRL institute has been explained theoretically the geology of the earth, origin and types of the earthquake, recording and measurement of the

earthquake i.e., seismography etc., by power point presentation. **Dr. Sukanta Roy, the director of the BGRL** institute interacted with the students at the end of the presentation. After this presentation we visited the various research laboratories in BGRL.

Dr. Dipak Wable, one of the researchers explained working of the seismometer in his laboratory. He showed the live recording of the seismometer on his iPhone. Also he opened out the student's vision in geophysical study and research in that field.

Finally, we visited the rock preservatory, where the layers of crust up to 3000 meters have been preserved systematically in metal boxes and the compartments one above the other. **Dr. Najim Mulla in charge of the preservatory** explained the geological study of the earth crust. Also visited the well equipped research Geophysical laboratory with various instruments, where the foreign researchers also came for their research. After the lunch we left the BGRL institute and came to the college campus about 4.00pm.

Tour coordinator

Head

Principal