

FIELD STUDY TOUR

1. Name of Department:- PHYSICS

2. Event:- Field study tour to Odisha State Museum, Regional Science Park and Pathani Samanta Planetarium, BBSR, Odisha.

3. Date:- 04.01.2023

Following Students attended the study tour:

1. Meena Naik
2. Sushmita Toppo
3. Sushanti Lugun
4. Rinky Goud
5. Chandni Ansari
6. Barsha Jaypuria
7. Ashrita Guria
8. Mitali Singh
9. Junita Xalxo
10. Birajini BUrh
11. Sanju kumara Singh
12. Jyoti Lipsa Nayak
13. Poonam Kerketta

4. Report:- One day field study tour was organised by the Department of Physics, S.D. Women's college, Rajgangpur, on date 04.01.2023 to Odisha State Museum, Regional Science Park and Pathani Samanta Planetarium, BBSR. The degree of Physics Honours students visited the place under the guidance of Mr. Pankaj Naik and Miss Anamika Mahapatra. Odisha State Museum is divided into eleven sections, i.e contemporary art, Epigraphy, Numismatics, Armory, Mining and Geology, Patta painting, Natural History, Anthropology and Pain leaf Manuscripts. This place was dedicated to arts majorly including historical ideologies, the experience was bliss to get to know about the culture and history. In Regional Science Park, students get to know about types of motions, laws of motion, mechanics of motion, time and motion and many more. The gallery on "Mathematics" unravels the wonderful world of Mathematics and it's application in our everyday life. There is also a magic tap inside the campus of park. The next visit was paid to the Pathani Samanta Planetarium located at Acharya Vihar, BBSR. The students watched the Audio Vidual programme inside the Planetarium hall and got practical experience of the functioning of Solar system, get idea about the stars, nebula, galaxies. It was really an exciting and rewarding visit for Physics Honours students. The study tour concluded with a visit to Jagannath Temple, Puri, where students take blessings from Lord Jagannath.

Impact of the tour:- The said study tour has greatly impacted the students academically, mentally, morally and spiritually. The stereotyped and monotonous classroom activity fails to instill and infuse a feeling of thrill and excitement of reading science. The study tour gave them a hands - on experience at applying their knowledge in the practical fields. This tour also gave them an exposure to fast changing field of science and technology.

Students feedback:- The students expressed their satisfaction over tour. They narrated their delightful and exciting experience of during the visit. Some of the students are desired to do research on space and satellite communication system after Post Graduation P.G.

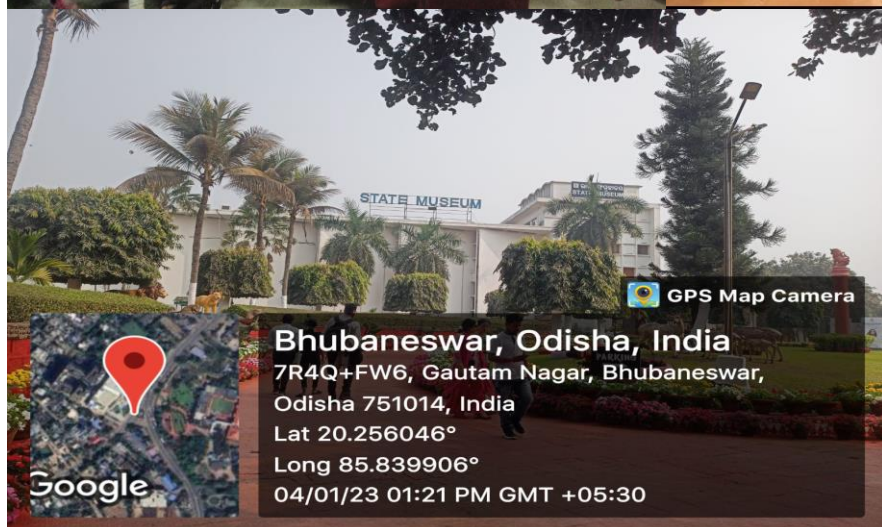
Future plan :- The department plans to conduct further study tour to different centers and institutions related to their area of studies preferable to Odisha Computer Application Centre (OAC) BBSR, Institute of Physics (IOP) BBSR and NISER (National Institute of Science and research) BBSR.

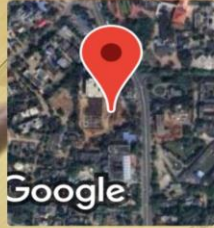
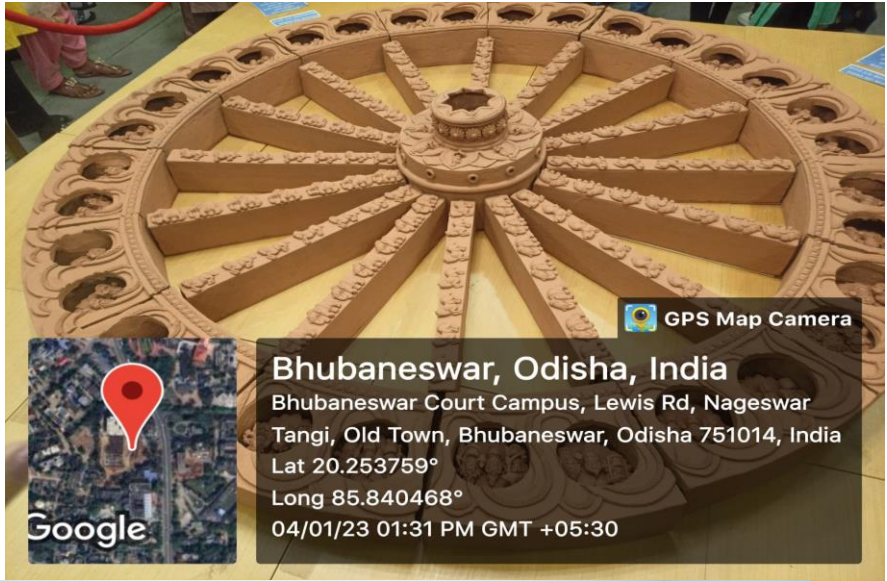
5. Any other remark:-

Honours students visited the places under the guidance of

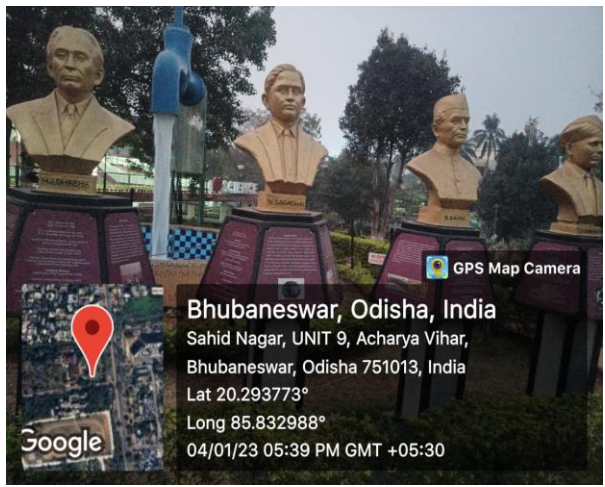
Mr. Pankaj Naik, Lect in Physics

Miss Anamika Mahapatra, Demonstrator in Physics





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