

FIELD TRIP
DEPARTMENT OF PHYSICS
SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

Introduction –

On 5 February 2023, 14 students and 3 faculties from the department of physics went for a trip to Kolkata with an aim to visit multiple places that promotes the culture of both Arts & Science. The journey from Rajgangpur to Kolkata by train took around 7 hours. Our objective was purely to explore science-based places but we also went to places where we gained knowledge about Arts and Culture.

List of places that was visited by us:

- Victoria memorial
- Belur matha and Dakhineswar.Temple
- Birla industrial and technology
- Science city



(Image:Rajgangpur Railway Station)

Following Students attended the study tour:

- Sonia ekka- +3 second year sc – BS22047
- Tapaswini kerketta- +3 second year sc - BS22002
- Kiran majhi- +3 second year sc - BS22050
- Aparajita toppo +3 second year sc- BS22041
- Priti Pradhan- +3 second year sc- BS22036

- Sumitra majhi - +3 Third year sc – BS21060
- Mitali singh- +3 Third year sc – BS21011
- Birajini burh- +3 Third year sc – BS21034
- Sanju kumari singh- +3 Third year sc – BS21010
- Junita xalxo- +3 Third year sc – BS21015
- Poonam kerketta- +3 Third year sc – BS21056
- Jyotshnamayee majhi- +3 Third year sc – BS21030
- Jyotilipsa nayak- +3 Third year sc – BS21031
- Anandita lakra- +3 Third year sc – BS21058

Objective:

The objectives were various but our primary objective was to understand how the science authority conserves the fossils of different species with the help of chemicals, The second most important objective was to gain knowledge about the usage of chemistry theories in Space Science.

Field observation:

We were not particularly guided by any employee in places which we visited, Our sir , Biseswar pradhan(H.O.D) had knowledge about those particular areas and she exceptionally explained each and every minor detail and concept behind the relationship of physics with those places.

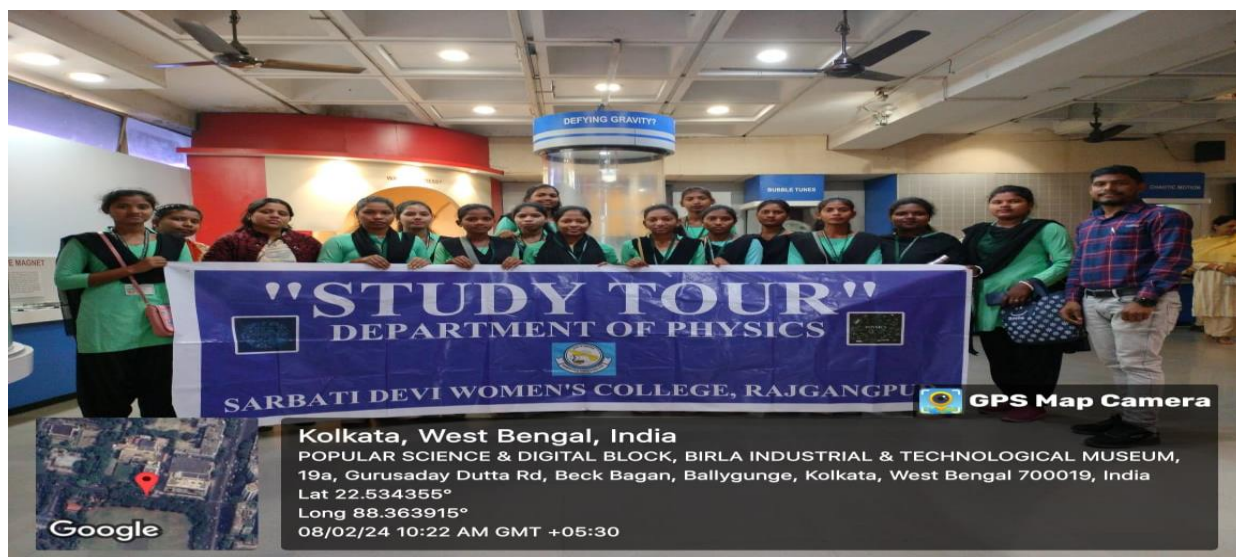


(Image: Victoria memorial)

The Victoria Memorial is a large marble monument on the Maidan in Central Kolkata, having its entrance on the Queen’s Way. It was built between 1906 and 1921 by the British Raj. It is dedicated to the memory of Queen Victoria, the Empress of India from 1876 to 1901. It Is the largest monument to a monarch anywhere in the world. It stands at 64 acres of gardens and is now a museum under the control of the Ministry of Culture, Government of India Possessing prominent features of the Indo-Saracenic architecture, it has evolved into one of



the most popular Belur Math is the headquarters of the Ramakrishna Math and Ramakrishna Mission, founded by Swami Vivekananda, the chief disciple of Ramakrishna Paramahansa. It is located in Belur, West Bengal, India on the west bank of Hooghly River. Belur Math was established in January 1897, by Swami Vivekananda who was the disciple of Sri Ramakrishna. Swami Vivekananda returned back to India from Colombo with a small group of disciples and started work on the two one at Belur, and the others at Mayavati, Almora, Himalayas called the Advaita Ashrama. The temple is the heart of the Ramakrishna movement. It is notable for its architecture that fuses Hindu, Islamic, Buddhist, and Christian art and motifs as a symbol of unity of all religions. In 2003, Belur Math railway station was also inaugurated which is dedicated to Belur Math Temple



(Image: Birla industrial and technological museum)

Birla Industrial & Technological Museum (BITM) is a science museum in Kolkata, West Bengal, India. It is a unit under National Council of Science Museums (NCSM), Ministry of Culture, Government of India. Initially under the governmental jurisdiction of the Council of Scientific & Industrial Research (CSIR). Students enjoy the

- 3D Film Show, "Fly Me to the Moon"
- Underground mock up Coal Mine Show.
- Science shows on Surprising Chemical reactions, Science magics & miracle and Fun Science.
- Taramandal (Inflatable-dome Planetarium)





 **GPS Map Camera**



Kolkata, West Bengal, India
BIRLA INDUSTRIAL & TECHNOLOGICAL MUSEUM, 19a, Gurusaday Dutta Rd, Beck Bagan, Ballygunge, Kolkata, West Bengal 700019, India
Lat 22.535008°
Long 88.36361°
08/02/24 11:38 AM GMT +05:30



 **GPS Map Camera**



Kolkata, West Bengal, India
G9RW+MF5, Mirania Gardens, East Topsia, Topsia, Kolkata, West Bengal 700105, India
Lat 22.541883°
Long 88.39628°
08/02/24 03:19 PM GMT +05:30



Science City, Kolkata is a science centre and science park in Kolkata, West Bengal, India. It is currently the largest science centre in the Indian subcontinent, containing a science museum, science park, and auditoriums. The centre was inaugurated in two parts, with the 'Convention Centre Complex' being the first on December 21, 1996, followed by the rest on July 1, 1997, by the then-prime-minister Inder Kumar Gujral. On January 10, 2010, the then-prime-minister of India, Manmohan Singh, would attempt to get the second phase of Science City completed.

Conclusion:

On 5th February to 8th February we went to all these places mentioned above for our lunch and everything else was on time. On 9th February we came back to our respective college and put an end to our study tour. The tour was full of knowledge and joy and we explored more in perspective of our major subject and also gained knowledge about the Arts , Culture and science. We achieved our objective in a precise manner and gained additional knowledge as well.



SARBATI DEVI WOMEN'S COLLEGE

"NAAC Accredited-2nd Cycle"

RAJGANGPUR, SUNDARGARH - 770017

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Ref. No.: 202/SDWCE

Date: 03-02-24

From
Prof. Bipin Choudhury
Principal, S.D. Women's College, Rajgangpur

It is to be noted that
the college has visited
BIRM with 615 students &
3 teachers and
2 non teaching
staff on
05/02/24.

To,
The Director
Birla Industrial & Technological Museum,
Physics block, 19A, Gurusaday Road
near Ballygunge Ice Skating Rink,
19a, Gurusaday Dutta Rd, Beck Bagan,
Ballygunge, Kolkata,
West Bengal 700019



Sub: Request for approval of field visit at Campus & Physics Block of Birla Industrial & Technological Museum

Sir,

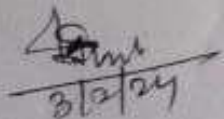
With reference to the subject cited above, Department of Physics of our college wants to visit Campus & Physics Block of your Organization for the study purpose along with the Project study of +3 2nd Yr. & 3rd Yr. students of BSc, Physics (Hons) on 8th Feb., 2024 at 10 am under the guidance of Mr. Bisweswara Pradhan, Lect in Physics, Ms. Soumya Pani, Lect in Physics and Mrs. Anamika Mahapatra, Demonstrator in Physics.


The list of Students as Follow:

- | | |
|-------------------------|------------------------|
| 1. Aparajita Toppo | 9. Mitali Singh |
| 2. Sonia Ekka | 10. Jyotilipsa Nayak |
| 3. Tapaswini Kerketta | 11. Poonam Kerketta |
| 4. Kiran Majhi | 12. Sumitra Majhi |
| 5. Preeti Pradhan | 13. Junita Xalxo |
| 6. Jyotshna Mayee Majhi | 14. Sanju Kumari Singh |
| 7. Birajini Bud | 15. Ashrita Guria |
| 8. Anandita Lakra | |

Your Kind Co-operation is solicited.

Thanks & Regards


3/2/24


Principal
03/02/24
S.D. Women's College
Rajgangpur, Sundargarh