

Shri Lal Bahadur Shastri Degree College, Gonda

(Affiliated to Dr Ram Manohar Lohiya Avadh University, Ayodhya, U.P.)

"Field trips: where learning is an adventure."



A Report On



Educational Field Visit

Session

2022-23

Submitted By

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Introduction

"Leave the textbooks behind: field trips before slides."

Educational field trips provide students with a chance to learn about a particular place or subject in a more collaborating and immersive way. For instance, visiting an educational institute, workshops, historical site or a museum helps students explore their knowledge and better understand the history, nature, heritage and culture of a place. Educational field trip reports improve the educational value of a trip. The educational trips deal with the spatial relations among data and the time relationships. Educational field visit, improving student's relationships with teachers has important, positive and long-lasting implications for both student's academic and social development.

Objective

"Learning is about experiencing the world"

Purpose of educational visit is to evaluate each student's academic progress, health and personality development through interactive sessions with the students, teachers and programed educational sites.

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Summary

As per the syllabus of M.Sc. (Physics) I year, II Semester, our department planned to visit **Banaras Locomotive Workshop (BLW)** (Indian Railways), **Kashi Institute of Technology**, Bank of Ganga (World famous Ganga Arti) in Varanasi and Historical Place, **Sarnath** (It is a place in Varanasi where, circa 528 BCE, at 35 years of age, Gautama Buddha taught his first sermon after attaining enlightenment at Bodhi Gaya), and **Chunar Fort** (also known as **Chandrakanta Mahargarh** and **Charanadri**, which was made by **King of Ujjain Vikramaditya** in **56 BC**), is located in Mirzapur district of Uttar Pradesh, in India.

Students of M.Sc. (Physics) I year, II semester (viz; **Shristi Mishra, Komal Pandey, Preeti Kanujiya, Shalini Devi, Pooja Maurya, Avantika Singh, Jyoti Jaiswal, Akanksha Srivastava, Shadhna Agrahari, Tanu Pandey, Alankrita Pandey, Neelam Verma, Kajal Maurya, Gufranul Hak, Avnish Kumar Shukla, Amrendra Mishra, Vikash, Rahul Tiwari, Mela Ram, Ramapati, Shubham**), along with Faculty and supporting staff are starting their journey at 09:00 AM on date 04/09/2023 from our Science campus gate (**Photo. 1**).



Photo. 1. Students of M.Sc. (Physics) I year, II semester with their Faculty and staff at Science campus on dated 05/09/2023.

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We reached at Sarnath on dated 05/09/2023 at 06:15 AM. After Breakfast we reached Banaras Lokomotive Workshop (BLW, Indian Railways) Varanasi. In BLW, Er. Shudhansu Dwivedi present a PPT presentation about the BLW (Photo 2).



Photo 2: PPT presentation in Conference Hall of BLW, Varanasi.

After presentation we visited workshop and learn how to prepare railway engine (Electric and Diesel) and their parts (related to Physics). Er. Sudhansu told us that railways are used **IGBT** (Insulated Gate Bipolar Transistor) instead of regular PNP/NPN transistors (because its switching time is much smaller than simple transistors - **Photo 3 & 4**).



Photo 3; At the Gate of BLW, Varanasi, U.P.

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Photo 4; In the workshop of BLW, Varanasi, U.P.

After BLW, we went to Kashi Institute of Technology, (KIT) Varanasi. KIT is NAAC accredited by grade "A". In KIT, We with Mr. Rajesh Mishra visited different Labs (like, Mechanical, Electrical, Electronics etc). There were more than 40,000 books in the library of KIT (Photo 5).



Photo 5: In the Lab of KIT, Varanasi, U.P.

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After KIT, we return to our guest house. On dated 06/09/2023 (that was rainy day), we visited to different historical places in Sarnath (like museum, stoop, temple -**Photo 6**). Then we all went to Varanasi for attending to world famous Ganga Arti at Assi Ghat, (**Photo 7**). After this we all reached to the college on dated 07/09/2023 at 06:05 AM.



Photo 6; In the Sarnath, Varanasi, U.P.

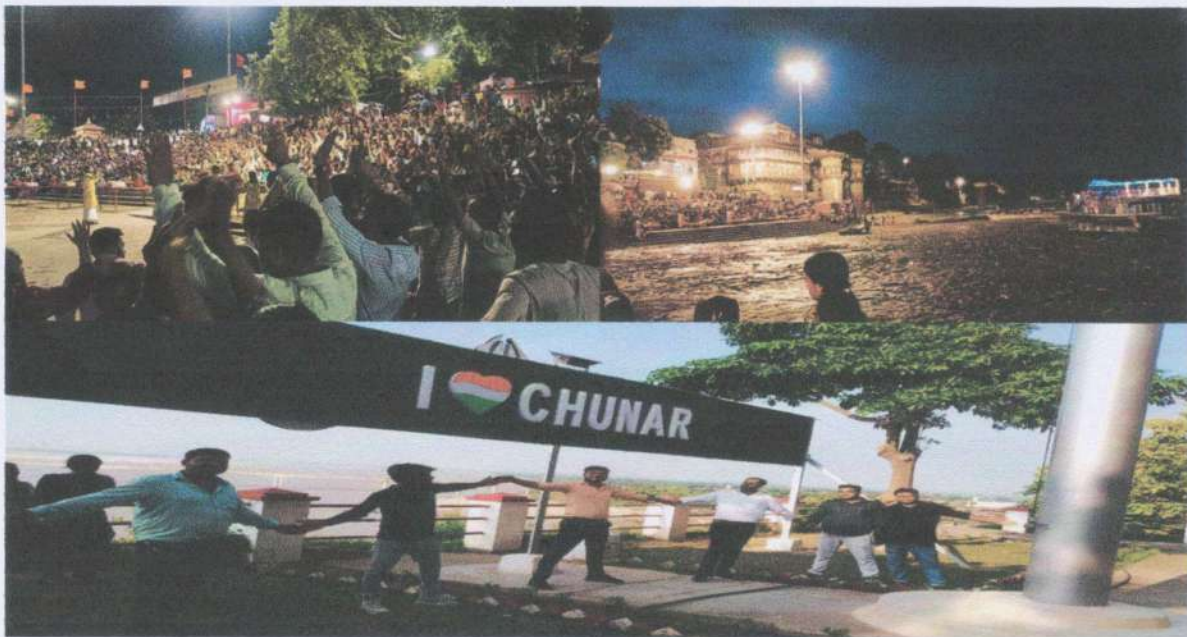


Photo 7; At the Assi Ghat, Varanasi & Chunar Fort, Mirzapur, U.P.

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Conclusion

All the Students are inspired by this educational tour. They submitted their achieved knowledge and experiences during tour and visits (viz. BLW, KIT, Sarnath, Varanasi & Chunar) in the form of tour reports.

Acknowledgement

All students of M.Sc. (Physics) along with their faculty members (**Mr. Santosh Kumar Srivastava, Dr. Dev Narayan Pandey, Dr. Avneesh Mishra, Mr. Shobhit Maurya, Miss. Anuradha Gupta**) are gratefully thanks to **Dr. Ram Manohar Lohiya Avadh University, Ayodhya (for including Field/ Academic visit in the syllabus of M.Sc. II & IV Semester), Prof. Jitendra Singh (HOD, Department of Physics, Shri Lal Bahadur Shastri Degree College, Gonda), and Prof. R.K. Pandey (Principal, Shri Lal Bahadur Shastri Degree College, Gonda)** for providing such fantastic educational visit. All Students of M.Sc. (Physics) are specially thankful to Departmental Staff **Mr. Ashish, Mr. Shukhdev & Mr. Ram Bachan**. We also thanks to our transport manager for providing experienced driver & staff.

Thanks

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