

STUDY TOUR

Education is to impart knowledge to students. Students gain knowledge and upgrade their skills by using the concepts they newly learn. Educational tours play an important role in educating students in a practical and interesting manner. Something that is seen in real can be easily perceived than something that we simply read in book. So taking the students to trips that will relate to their academics can help them learn much better. Learning is not only limited inside the four walls of the classroom, because we learn best when we are exposed to new experiences and things around us. The main objective of conducting an educational trip for students is to reinforce experiential and contextual learning and give opportunity to observe a particular environment that facilitates the first-hand experience.

Keeping in mind the importance of study tour, Department of Physics, Sri Kumara Gurupara swamigal Arts College, Srivaikuntam organized a one day Study Tour to Kudankulam Nuclear Power Plant (KKNPP), Koodankulam, Tirunelveli District, Tamil Nadu on 24.02.2020 for M.Sc. Physics students.

The visit was organized with the prior permission (Kudankulam Nuclear Power Plant, Email: Dated 13, January 2020) under the guidance of Secretary of the College **Dr. S. Sankaranarayanan** and Principal **Dr. V. Ravichandran**.

Students of M.Sc. Physics have taken hard efforts and initiative under the continuous guidance of **Dr. N. Vijayakumar**, Head, Department of Physics and Tour in-charge, which made this visit a grand success. Total 17 students along with **Dr. S. Jeyakumari**, Assistant Professor of Physics and **Mrs.P. Maheswari**, Lab Assistant have joined this Study Tour.

We Departed to Kudankulam on 24th, February (Monday). Before departure, we gathered in Srivaikuntam at 06.30 am. We left Srivaikuntam at

07.00 am. We went to KKNPP by Tourister van. We arrived at KKNPP at 09.15 am.

The study tour was very innovative and interesting. We figured out the structure and function of KKNPP. And also we learnt about, Types of Reactors, Fission Activity, Cassion Structure, Desalination Process, Demineralization Process, Turbine, Main Control Room, Safety Features, Core Catcher, Allocation of Power, Waste Management, Advanced Safety Features of Kudankulam Nuclear Power Plant etc.

Conclusively, the Study Tour was both educational as well as recreational. This visit motivated and helped us to take full advantage of all the learning opportunities presented. This brought a different dimension to our learning. The Study tour helped us to improve our practical skill and also contributed in sharpening our personality. This experience will remain in our memory for a very long time.

Outcomes of the Study tour

- ✓ Developed team spirit among students
- ✓ Understood the possibilities of exploiting renewable energy sources
- ✓ Gained the knowledge in the field of nuclear energy
- ✓ Students understood how the theoretical knowledge is realized in actual practice to make useful energy for the benefit of society.
- ✓ Such exposures develop the sense of responsibility among the Students to work in a learning environment.