

4. Project Code: SLC-304

Topic: Environmental Protection in Ancient India. Their Rational, Feasibility and Adoption in the Present Day Situation: A Case Study of River Yamuna

Project Investigators: Dr. Gayatri Chaturvedi (Dept. of History), Mr. Pankaj Kr. Chaudhary (Dept. of History) and Mr. Rahul Tomar (Dept. of Mathematics)

Summary: The aim of this project is to create awareness in society through students participation towards protection of environment by using those ancient practices which have scientific relevance in today's world. In the name of development we are destroying the nature, polluting the river and creating an imbalance in our ecosystem. In spite of the large number of measures taken up by the government, the Yamuna River is still heavily polluted. One of the aims of this project is to draw attention to the real life problem of water pollution in Yamuna River and create some ways to solve this problem.

There is a need to peep in our past to understand the philosophy of our ancestors to keep harmony with the nature. These are reflected in the Vedas, Arthashastra, Girnar inscription, Brihat Samhita, Buddhist and Jain literature. In this project an attempt has been made to study the ancient Indian literature to search those concepts and traditions which were followed to keep our river clean and compare its feasibility in the present day context. Can we explain the scientific logic attached to certain practices of the ancient times? With certain modifications according to the need of the present day we can try to adopt certain practices and habits which will be a step towards cleaning our river Yamuna. Successful integration of time tested water treatment methods with new alternative technologies is the need of the day.

In order to create awareness regarding this, the students have organized and participated in seminars, competitions, rallies and gave presentations in different schools as well. The students went for surveys at different places to assess the present condition of Yamuna, and also took water samples for conducting quality tests, etc. in the near future.



Detail of Students involved in Innovation Projects

Project No.	Project	Student's Name	Course's Name	Year
304	“Environmental Protection in Ancient India. Their Rational, Feasibility and Adoption in the Present Day Situation: A Case Study of River Yamuna” (Dr. Gayatri Chaturvedi, Mr. Pankaj Kr. Chaudhary and Mr. Rahul Tomar)	Ayushi Aggarwal	B.A. (H) History	II
		Naveen Kumar	B.A. (H) History	II
		Afsar	B.A. (H) History	I
		Sachin	B.A. (H) History	I
		Monika	B.A. (H) English	III
		Sandeep Kr. Kashyap	B.Sc. Physical Sc.	II
		Pooja Sharma	B.A. (H) History	II
		Chandana Devi	B.A. (H) History	II
		Akshat	B.A. (H) History	II
		Raghav Bhargava	B.Sc. Physical Sc.	II