

Outreach Programs - Popularizing Science in School children.

The norms of formal education do not impress many students in academics in general and particularly with science and maths, in the ideal manner. School education is often perceived as a complex proposition imposing a lot of burden and pressure on the students. To familiarize the concepts and inculcate interest for the subject, it is imperative to engage the students in more meaningful exercises which would generate the joy of learning and intrigue them and urge them to question and wonder about their surroundings. In order to achieve this, every day events or observation of things that surround us are an excellent way of bringing these sciences to life. It is the need of the hour to enthuse students to think beyond the traditional framework of classroom teaching and encourage their creativity. School children, particularly in the secondary and senior secondary stages are the best targets for sensitization programs as their mind is highly amenable and open. Outreach program platforms engage the students of secondary and higher secondary levels beyond rote learning giving them hands-on training, hence enhancing reasoning and learning.

List of Outreach Programmes undertaken:

Outreach Programme details

S. No.	Details of Outreach Programmes	Name of the Organizing Departments	Number of Beneficiaries
1	An outreach programme titled "The Boons of Green Chemistry & Nanotechnology: Unraveling the Real Life Experiments" to enhance the understanding of science via hands-on experimental training to higher secondary science students.	Chemistry	57 From four different branches of Modern School, Delhi/NCR
2.	Outreach program for School students: Basic Techniques in Biological Sciences: 7-9 June, 2022	Zoology	20
3.	Igniting Young Minds: An Outreach Initiative for School Students: 6 th July, 2022	Botany, Chemistry, Physics, Zoology	40

4.	Outreach program for School students on 06.07.2022	Physics	50
5.	Outreach program for Maharani Laxmibai College for Women, Haryana from 14.12.2022 to 17.12.2022	Physics	8
6	Preparation and study of mitosis and meiosis using the onion root tips	Botany	24
7	Estimation of pH of different water samples using the PH paper	Botany	24



