



REPORT ON INSPIRE INTERNSHIP SCIENCE CAMP

DATE	:	July 04-08, 2017
VENUE	:	Ramjas College, University of Delhi
ORGANISED BY	:	Ramjas College, University of Delhi
CONDUCTED BY	:	Department of Science and Technology, Govt. of India
PARTICIPANTS	:	10 Students of Class XI

Motivating talented youth to take-up research as a personal undertaking by rubbing shoulders with global icons of science including Nobel Prize Winners, is the objective of **INSPIRE** Internship. The Science Camp organized under **INSPIRE** was a step to orient and expose the students to creative pursuits of science.

The **Inspire Internship Camp** was organized by **Ramjas College, University of Delhi** from **July 04-08, 2017** in which more than 37 schools of Delhi participated. 10 Students of Class XI of ITL Public School who were amongst the top 1% of CBSE Class X result (Perfect 10 CGPA) were also a part of the prestigious camp. This camp helped the students to get a better insight into the world of Science. Over a period of 5 days they interacted with eminent scientists and professors of various colleges who introduced new, informative and more complex topics of science like **Nanoscience, Statistical Mathematics, Plant Molecular Biology, Entomology, Stereochemistry** and many more and explained how they are closely related to everyday life.

The new and educative experiments related to different subjects of science were carried out as in *Physics dispersion of light using Spectrometer, in chemistry synthesis of an organometallic complex copper, (II) Acetylacetonate, in mathematics – a programming language, in Botany isolating DNA from plant tissue, mitosis of onion root tip and studied variation of tasting PTC in a given population ,in Zoology microbiological culture and gram staining of bacteria from curd .*

This camp generated inquisitiveness to their bright minds and satiates their hunger to know more.



Stirring the sodium acetate solution



Stirring the acetylacetone solution



Working with an autoclave



Working with a Prism Spectrometer