

Students Projects – Science & Technology

S #	Name of the Teacher	Name of the student	Class, Funding Organization	Title of the project (2010-11)
3	Dr Ramesh Dogra	Ms Shivika Mittal	BSc II,UGC	Preparation and characterization of graft co-polymers prepared by using benzoyl peroxide as reaction initiator.
4	Dr Ramesh Dogra	Ms Loveleen	BSc II,UGC	Preparation and characterization of graft co-polymers prepared by using benzoyl peroxide as reaction initiator.
7	Dr Sajeev Soni	Ms Pooja Grover	BSc II,UGC	Synthesis, characterization and reactivity studies of tris(en)cobalt(III) chloride.
10	Dr Jasamrit Nayyar	Shelly	BSc II,UGC	Use of microwave heating in the synthesis 4-toluene sulphonamide.
13	Dr Shweta Wadhavan	Sheenam Bajaj	BSc II,UGC	Study of influence of increase in chain length of alcohols on CMC of an anionic surfactant (SDBS)
16	Dr Jyoti Kataria	Ms Priyanka	BSc II,UGC	Synthesis, characterization and reactivity studies of bis(en)cobalt(III) chloride.

S #	Name of the Teacher	Name of the student	Class, Funding Organization	Title of the project (2010-11)
1	Dr Sajeev Soni & Dr Jyoti Kataria	Mr Rishab Gupta	BSc I-IC,UGC	Synthesis, characterization and reactivity studies of hexamine cobaltchloride
2	Dr Sajeev Soni & Dr Jyoti Kataria	Ms Simarpreet	BSc I-IC,UGC	Synthesis, characterization and reactivity studies of hexamine cobaltnitrate.
3	Dr Sajeev Soni & Dr Jyoti Kataria	Ms Meenakshi	BSc I-IC,UGC	Synthesis, characterization and reactivity studies of hexamine cobaltbromide.
4	Dr Sajeev Soni & Ms Sakshi	Mr Mithlesh Chauhan	BSc I-IC,UGC	To determine and study the heating effects of sunflower oil.
5	Dr Sajeev Soni & Ms Sakshi	Mr Rohit Kumar	BSc I-IC,UGC	To determine and study the heating effects of coconut oil
6	Dr Sajeev Soni & Ms Sakshi	Ms Sonya Jain	BSc I-IC,UGC	To determine and study the heating effects of dalda

DEPARTMENT OF PHYSICS (U.G.C)

1. REVIEW OF LITERATURE ON NANOPARTICLES

-ARPAN H OBEROI

-RUBY MANDAL

2. BIOCOMPUTING A REVIEW

-ANITA NEGI

3. A STUDY OF STARS AND BLACK HOLES

-CHARAN PREET SINGH

-RONAK JAIN

Department of Zoology 2010-2011

1. Tanvi Effect on limbs, eyes & brain on developing chick embryo by B rays.
2. Sunaina Effect on limbs, eyes & brain on developing chick embryo by B rays.
3. Tanushree Degradation of agar by gram negative bacterium.
4. Kanwaldeep Degradation of agar by gram negative bacterium.
5. Aatika Effect of gamma rays on the development of chick embryo.
6. Nikita Effect of gamma rays on the development of chick embryo

Department of Botany
SCHEME (UGC GRANT) 2009-10.

1. Germination of seeds in soils of exotic v/s native trees.
2. Germination of seeds in industrial v/s non industrial soil.
3. Effect of different microwave doses on seed germination of *Phaseolus aureus*.
4. To compare pH and EC of soil under exotic v/s native soil and industrial v/s non industrial soil.
5. Germination of seeds in different liquids (Hydroponics).
6. To assess the effect of U.V. radiation on germinating seeds.

PROJECT DONE BY STUDENTS UNDER PROMOTION OF BASIC SCIENCES
SCHEME (UGC GRANT) 2010-11.
(Projects done by six students)

1. To study the effect of different concentrations of saline solution on germination of seeds of *Phaseolus aureus* (moong).
2. To find out pH and EC of soil and water of lake and ghaggar and its effect on germination of seeds of *Phaseolus aureus* (moong).