

## DBT STAR COLLEGE PROJECT

The Star College Project is sponsored by the Department of Biotechnology (DBT), Government of India. DBT has launched this scheme to primarily improve critical thinking and provide undergraduate students with hands on experimental experience. During the last two years of the project, the college has successfully organized several academics and research oriented events under the aegis of the DBT project, and upgraded the scientific infrastructure of the college for the benefit of students.

Till date, Science departments (Botany, Chemistry, Physics and Zoology) in collaboration have organized nine workshops (4 workshops last year and 5 workshops this year) under the Star College Project, entitled as “Scientific writing and publishing, ‘Introduction to Bioinformatics’, ‘Microbial Biotechnology’, ‘Workshop on Test and Measurement by CRO, Power supply, generator, multimeter and IC tester’, and ‘Workshop on Green Chemistry Experiments and Argentometric titrations’. Value addition of the student’s skills is the prime intent behind the hands on training and workshops, which have henceforth enabled them to conduct experiments in molecular biology, chemistry, experimental physics, and other fields with a higher degree of precision and confidence.

Invited lectures included eminent scientists from their respective fields: Dr. N. Ratnashri, Director, Nehru Planatorium; Dr. M. Rajala, Associate Professor, School of Biotechnology, JNU; Prof. D. S. Rawat, Dept. of Chemistry, University of Delhi; Dr. Tripti Bhatnagar M.D., Codon Biotech Pvt. Ltd; Prof. Patrick Das Gupta, Dept. of Physics and Astrophysics; University of Delhi; Dr. Amit Roy, Inter-university accelerator center; Dr. V. C. Kalia, Chief Scientist, IGIB, Delhi; Dr. V. N. Ojha, Scientist C, NPL, Delhi; Dr. P. Kumar, Associate Professor, Hansraj College; Dr. Anuradha Agarwal, NBPGR, IARI, Delhi.

### DBT Advisors:

- **Dr. Suman Govil**, Advisor, DBT, Govt. of India
- **Dr. Padma Singh**, Scientist, DBT, Govt. of India

### Scientific Advisors:

- **Prof. Paramjit Khurana**, Department of Plant Molecular Biology, University of Delhi
- **Dr. Y. Singh**, Scientist, Institute of Genomics and Integrated Biology (IGIB), CSIR, Delhi

### Coordinator, DBT star college project, Ramjas College

**Dr. Sukanya Lal**, Associate Professor, Department of Zoology

### Departmental Coordinators:

- **Dr. Suman Sharma**, Assistant Professor, Department of Botany
- **Dr. Mahima Kaushik**, Assistant Professor, Department of Chemistry
- **Dr. Shashi Bala**, Associate Professor, Department of Physics
- **Dr. M. Ojit Kumar Singh**, Assistant Professor, Department of Zoology

### Staff Advisors

- **Dr. Kartiki Bhatnagar**, Assistant Professor, Department of Botany
- **Ms. Sana Ansari**, Assistant Professor, Department of Chemistry
- **Dr. Jagjevan Ram**, Assistant Professor, Department of Physics
- **Dr. Samar Vir Singh Rathore**, Assistant Professor, Department of Zoology