

**DEPARTMENT OF ZOOLOGY**  
**DEEN DAYAL UPADHYAYA COLLEGE (UNIVERSITY OF DELHI)**

**List of Activities (2017-18)**

'Synapses', the Zoological Society came into existence in 2011. Synapses plays a pivotal role in organizing the extra-curricular and co-curricular activities in the form of Lectures, Educational Excursions and Seminars to provide a platform for scientific exchanges.

The following activities were organized in the year 2018:

- Student lecture series was organized by the students:
  - The fourth lecture was on 1<sup>st</sup> February, 2018 on **"Arboreality in Vipers"** by student of B.Sc (H) Zoology II Semester. (Rohan Bahl)
  - The fifth lecture was held on 3<sup>rd</sup> September, 2018 on **"Pelican Spiders: The Brutal Ninjas"** by students of B.Sc (H) Zoology V Semester. (Abhay Verma & Sneha Bisht)
  - The sixth lecture was held on 3<sup>rd</sup> October, 2018 on **"Attack of Zombie Parasites"** by students of B.Sc (H) Zoology I Semester. (Mukul Rohilla & Nirmal Singh)
- A **Laboratory Visit** was organized to the ***Drosophila* Stock Centre** at the Department of Zoology, University of Delhi under the supervision of Prof. Namita Agrawal on 23<sup>rd</sup> February, 2018 for the students of B. Sc (H) Zoology Semester VI by Dr. Sudhir Verma & Dr. Krishna Bansal (under course curriculum of the paper – Developmental Biology).
- The **Annual Fest, Zoofestea'18** was organized on 26<sup>th</sup> February, 2018. Various activities held includes Declamation, Rangoli Making Competition, Show the best you can? And an exhibition of art and craft by the students and faculty.
- A lecture was delivered by Dr. Sunil Wadhwa, Cardiac Surgeon at Primus Hospital on **"Cardiovascular Health"** on 26<sup>th</sup> February, 2018.
- An **Industrial Visit to Yakult Danone India Pvt. Ltd. Sonapat, Haryana** was organized under the aegis of Department of Zoology and DBT Star College Scheme on 10<sup>th</sup> March, 2018 by Dr. Shailly Anand along with faculty members of Department of Chemistry and Department of Electronics. Thirty eight students of B.Sc (Hons.) Zoology Semester IV/ VI and B.Sc (P) Life Sciences Semester VI and six teaching and non-teaching faculty visited the factory.
- Students of B.Sc (Hons.) Zoology Semester VI were taken for a one day **Training Workshop on "Zebra Fish: Model System"** organized by Department of Biochemistry & Zoology (by Dr. Chitra Bhasin), Daulat

Ram College, University of Delhi on 17<sup>th</sup> March, 2018. The visit was arranged by Dr. Sudhir Verma. Twenty eight students and six teaching faculty attended the workshop.

- A **Science Academies' Lecture Workshop** entitled "**Role of Epigenetics in Health and Diseases**" was organized by Department of Zoology. Prof. Madan Mohan Chaturvedi convened the event and Dr. Sudhir Verma served as the coordinator. The event was organized on 5-6<sup>th</sup> April, 2018 at Deen Dayal Upadhyaya College and included lecture sessions by the following eminent scientists and fellows of the Science Academies:
  - Prof. Madan Mohan Chaturvedi, Department of Zoology, University of Delhi (DU)
  - Prof. Pramod C. Rath, Jawaharlal Nehru University (JNU)
  - Prof. Shantanu Chowdhury, Institute of Genomics & Integrative Biology (IGIB)
  - Dr. Beena Pillai, Institute of Genomics & Integrative Biology (IGIB)
- A Hands on Workshop on "**Immuno-techniques based on Antigen-Antibody (Ag-Ab) interactions**" for undergraduate students on 13<sup>th</sup>-14<sup>th</sup> June, 2018 was organized by Department of Zoology under the aegis of DBT Star College Scheme (Conveners – Dr. Anita Gulati & Dr. Renu Solanki).
- An **Orientation Program** for first year students was organized on 18<sup>th</sup> July, 2018 in Room No. 212 at 11:30 A.M. for apprising them with the scope and opportunities in zoology, curricular-extracurricular-co-curricular activities and activities done under DBT Star College Program.
- A **Fresher's Program** was organized by B.Sc (H) Zoology Semester III and V students for the new comers on 9<sup>th</sup> August, 2018 from 10:00 A.M. to 2:00 P.M. in Room No. 212.
- A **departmental farewell** was bid to Dr. Krishna Bansal on 9<sup>th</sup> August, 2018 from 2:00 P.M. to 5:00 P.M. in Room No. 212.
- An **inaugural lecture** of Synapses was organized jointly by Department of Zoology and DBT Star College Program on "**Caenorhabditis elegans: An Elegant Model System to Unravel Mysteries in Biology**" by Dr. Arnab Mukhopadhyay, Staff Scientist, National Institute of Immunology (NII), New Delhi on 10<sup>th</sup> August, 2018 at 2:30 p.m. in Room No. 509. 78 students and 11 faculty members from different departments attended the session.
- Five days hands on workshop on "**Basic Principles of Recombinant DNA Technology & Metagenomics**" was organized by Department of Zoology under the aegis of DBT Star College Program from 28<sup>th</sup> August to 1<sup>st</sup> September, 2018 in Room No. 206 and 212 under the convenorship of Dr. Shailly Anand and Dr. Renu Solanki.
- **Teacher-Student Day** was celebrated by students of B.Sc (Hons.) Zoology on 5<sup>th</sup> September, 2018 in Seminar Room No. 212 at 12:45 p.m.

- A **lecture talk** was organized jointly by Department of Zoology and DBT Star College Program on **“Microbiome: The Vision for future”** by Prof. Rup Lal, Molecular Biology Laboratory, Department of Zoology, University of Delhi on 29<sup>th</sup> August , 2018 at 2:30 p.m. in Room No. 509.
- An **Institutional Visit** was organized under the aegis of DBT Star College Scheme to **Institute of Genomics & Integrative Biology** (IGIB, Mathura Road Campus) during “Open Day” (Outreach Activity) on 27<sup>th</sup> September, 2018 by Dr. Sudhir Verma along with faculty members of Department of Botany.
- **Bani School Innovation Camp III (BaSIC III)**, an **Outreach Program** under the aegis of DBT Star College Scheme was organized at **Govt. Senior Secondary School, Bani, Hamirpur, Himachal Pradesh** from October 13th to 16th, 2018 in association with Indian National Science Academy (INSA) outreach activity "Lectures by INSA Fellows/Young scientists/teacher awardees to young students and teachers of schools and colleges in the remote/rural areas", Department of Zoology, University of Delhi and Ramjas College, University of Delhi. (Chief Coordinator: Prof. Rup Lal, BaSIC III Coordinators: Dr. Shailly Anand of DDUC and Dr. Sukanya Lal of Ramjas College).
- **Four Day Outreach Program for Class X students of Kendriya Vidyalaya, Sector – 12, Dwarka** was organized from 24-29<sup>th</sup> October, 2018 jointly by Department of Zoology, Chemistry, Botany, Mathematics, Physics and Electronics under the aegis of NASI-Delhi Chapter, Science Foundation and DBT Star College Program. (Program Coordinator: Dr. Manoj Saxena, Convenor, Zoology: Dr. Sudhir Verma and Co- Convenor, Zoology: Dr. Shailly Anand).

**Teacher In-Charge:** Dr. Lathika Nair

**Convenor, Synapses:** Dr. Shailly Anand

**Co-Convenor, Synapses & Convenor (Zoology), DBT Star College Program:** Dr. Sudhir Verma