



SHIVAJI COLLEGE

(University of Delhi)

NAAC Accredited 'A' Grade

Under Aegis of DBT Star College Scheme

Organizes

Intra-College Laboratory Skill Training Program

for

Assistants/ Attendants in the Chemical and Life Science Laboratories

April 19-25, 2022

PROGRAMME SCHEDULE

Organizing Committee

Patron: Prof. Shiv Kumar Sahdev, Principal (Officiating)

DBT SCS Coordinator: Prof. Darshan Malik

Departments	Biochemistry	Botany	Chemistry	Zoology
Convenors	Dr. Renu Baweja	Dr. Anuradha Mal	Dr. P.K. Sahu	Dr. Deepika Yadav
Co-Convenors	Dr. Jayita Thakur	Dr. Pratima Rani Sardar, Dr. Divya Mohanty	Dr. Richa Arora	Ms. Nimita Kant

Day 1 (April 19, 2022): Department of Chemistry

Resource Persons: Dr. Anil K. Agarwal, Dr. P.K. Sahu, Dr. Rajni Kanojia, Mr. Mahendra Kumar Meena, Dr. Bhaskar Kandpal, Dr. Neena Khanna, Dr. Nand Gopal Giri, Dr. Rahul Singhal, Dr. Vandana Katoch, Dr. Richa Arora, Mr. Deepesh Singh, Dr. Pooja Saluja, Dr. Shilpa Jain, Mr. Narender Kumar, Dr. Sunil Yadav, Ms. Priyanka Kumari, Dr. Pallavi Agarwal, Dr. Parveen Gahlyan, Dr. Bhasha Sharma, Dr. Rangnath Ravi

Day 2 (April 20, 2022): Department of Zoology

Resource Persons: Dr. Sunita Gupta, Dr. Deepika Yadav, Ms. Nimita Kant, Mr. Manish K. Sachdeva, Dr. Aeshna Nigam, Dr. Ankita Dua, Dr. Jitendra Kumar Chaudhary, Dr. Tarun Kumar Vats, Dr. Neetu Singh, Dr. Nidhi Garg, Dr. Rakesh Roshan, Dr. Tsewang Namgial

Day 3 (April 21, 2022): Department of Botany

Resource Persons: Dr. Anuradha Mal, Dr. Vijay Kumar, Prof. Pratima Rani Sardar, Dr. Prabhavathi, Dr. Smita Tripathi, Dr. Kiran Bamel, Dr. Misha Yadav, Dr. Seema Talwar, Dr. Nupur Mondal, Dr. Divya Mohanty, Dr. Anurag Maurya, Dr. Devender Singh Meena, Dr. Deepshikha Chatterjee

Day 4 (April 22, 2022): Department of Biochemistry

Resource Persons: Dr. Jayita Thakur, Dr. Renu Baweja, Dr. Sunita Singh, Dr. Usha Yadav, Dr. Abhijeet Mishra, Dr. Kritika Raj

Day 5 (April 25, 2022)

Mr. Ratan, Mr. Afroz Khan

**Intra-college Laboratory Skill Training Program for Assistants/ Attendants in the Chemical and Life
Science Laboratories
(April 19-25, 2022)**

9:00 a.m.: Registration (In front of Principal's Office)

9:30-10.00 a.m.: Inauguration (Department of Chemistry)

10:00-10.15 a.m.: Group Photograph

DEPARTMENT OF CHEMISTRY

(Day 1: April 19, 2022)

10:15 a.m.- 1.30 p.m.

Session	Session I	Session II	Session III
Topic	Distillation	Preparation of Solutions of different concentrations	Maintenance and calibration of instruments (potentiometer, pH meter, conductivity meter, colorimeter, UV chamber, Water Bath)
Resource Persons	Dr. Bhaskar Mohan Kandpal, Dr. Neena Khanna, Dr. N. G. Giri, Dr. Pooja Saluja, Dr. Parveen Gahlyan Dr. Bhasha Sharma	Mr. Mahendra Kumar Meena, Dr. Rahul Singhal, Dr. Shilpa Jain, Dr. Sunil Yadav, Dr. Priyanka Kumari, Dr. Pallavi Agarwal, Dr. Rangnath Ravi	Dr. Anil Krishan Aggarwal, Dr. P. K. Sahu, Dr. Rajni Kanojia, Dr. Vandana Katoch, Dr. Richa Arora, Mr. Deepesh Singh, Mr. Narinder Kumar

DEPARTMENT OF ZOOLOGY

(Day 2: April 20, 2022)

9:30 a.m.- 1.30 p.m.

	Session I	Session II	Session III	Session IV
Topic	Digitalization of Lab & Museum Data	Microbiological Media preparation	Concept and Applications of Serial Dilution in Life Sciences Laboratory	Agarose Gel Electrophoresis: Preparation of Agarose Gel & Usage & Maintenance of equipment
Resource Persons	Ms. Nimita Kant Dr. Neetu Singh Dr. Nidhi Garg	Dr. Sunita Gupta Dr. Aeshna Nigam Dr. Ankita Dua	Mr. Manish K. Sachdeva Dr. Jitendra Kumar Chaudhary Dr. Tsewang Namgial	Dr. Deepika Yadav Dr. Tarun K Vats Dr. Rakesh Roshan

DEPARTMENT OF BOTANY

(Day 3: April 21, 2022)

9:30 a.m.- 1.30 p.m.

Session	Session I	Session II	Session III
Topic	Chromatographic Techniques	Sterilization Techniques	Microscopy
Resource Persons	Prof. Pratima Rani Sardar Dr. Vijay Kumar Dr. Misha Yadav Dr. Anurag Maurya Dr. Devender Singh Meena	Dr. Kiran Bamel Dr. Nupur Mondal Dr. Divya Mohanty	Dr. Anuradha Mal Dr. Prabhavathi Dr. Smita Tripathi Dr. Seema Talwar Dr. Deepshikha Chatterjee

DEPARTMENT OF BIOCHEMISTRY

(Day 4: April 22, 2022)

9:30 a.m.- 1.30 p.m.

Session	Session I	Session II	Session III
Topic	Hematology: Tests and Significance	The Spectrophotometry: Hands-on Learning	Hands-on Training in Drosophila Culturing
Resource Persons	Dr. Renu Baweja Dr. Abhijeet Mishra	Dr. Sunita Singh Dr. Usha Yadav	Dr. Jayita Thakur Dr. Kritika Raj

Day 5, April 25, 2022; Computer Science Lab

10:00 a.m.- 1:00 p.m.

10:00 a.m.- 11.30 a.m.: ICT Session by Mr. Ratandeep (Senior Technical Assistant) and Mr. Afroz Khan (Junior Assistant)

11:30 a.m. onwards: Valedictory Session