

## **Registration Form**

### **Intra-College Laboratory Skill Training Program**

**for**

**Assistants/ Attendants in the Chemical and Life Science  
Laboratories Under the aegis of DBT sponsored Star College  
Scheme of Shivaji College**

**April 19-25, 2022**

- 1. Name of the Participant:** \_\_\_\_\_
- 2. Name of the Department:** \_\_\_\_\_
- 3. Designation:** \_\_\_\_\_
- 4. Contact Number:** \_\_\_\_\_
- 5. Signature:** \_\_\_\_\_



# **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

<b>Departments</b>	<b>Biochemistry</b>	<b>Botany</b>	<b>Chemistry</b>	<b>Zoology</b>
<b>Convenors</b>	Dr. Renu Baweja	Dr. Anuradha Mal	Dr. P.K. Sahu	Dr. Deepika Yadav
<b>Co-Convenors</b>	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.**

<b>Session</b>	<b>Session I</b>	<b>Session II</b>	<b>Session III</b>
<b>Topic</b>	<b>Distillation</b>	<b>Preparation of Solutions of different concentrations</b>	<b>Maintenance and calibration of instruments (potentiometer, pH meter, conductivity meter, colorimeter, UV chamber, Water Bath)</b>
<b>Resource Persons</b>	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
<b>Topic</b>	<b>Digitalization of Lab &amp; Museum Data</b>	<b>Microbiological Media preparation</b>	<b>Concept and Applications of Serial Dilution in Life Sciences Laboratory</b>	<b>Agarose Gel Electrophoresis: Preparation of Agarose Gel &amp; Usage &amp; Maintenance of equipment</b>
<b>Resource Persons</b>	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.

<b>Session</b>	<b>Session I</b>	<b>Session II</b>	<b>Session III</b>
<b>Topic</b>	<b>Chromatographic Techniques</b>	<b>Sterilization Techniques</b>	<b>Microscopy</b>
<b>Resource Persons</b>	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**