

Department of Biochemistry
Shivaji College
Summer Training Program on Research Methodology 3.0
(June 05-July 03, 2023)

Report

The summer training program on research methodology 3.0 was organized by the Department of Biochemistry, Shivaji College, University of Delhi under the aegis of DBT Sponsored Star College Scheme with the supervision of Dr. Jayita Thakur, Dr. Sunita Singh, Dr. Renu Baweja, Dr. Usha Yadav and, Dr. Abhijeet Mishra from June 05-July 03, 2023. Total 29 students participated in this program. The whole program was divided into 5 modules, the first module was taken by Dr. Renu Baweja in which she introduced the participants to research methodology and what a research proposal is all about this was followed with the assignments related to the module. The next module was conducted by Dr. Usha Yadav in which participants were given a clear view of the research and sample design, also they got to know about the literature review, how to develop a hypothesis, and what research plan they have to include in it. These 2 modules were covered in week 1. The next week was taken by Dr. Abhijeet Mishra, he gave a basic idea for the health camp, and how to collect data from that health camp and digitalization of data, this week health camp was organized on the premises of Shivaji College. This health camp includes various parameters such as Height, weight, BMI, fat percentage, visceral fat, basic metabolic rate, and body age. He also developed a scientific temperament among students with his thought-provoking questions.

The next module was followed by Dr. Jayita Thakur, in which participants learn about many areas of data presentation, data processing, and statistical analysis in the field of biochemistry during the summer training program. Dr. Jayita Thakur held engaging workshops on these issues, giving a piece of insightful information and practical understanding to students. A health camp is also organized in Miranda House for further data collection. During this 3rd

week of the program students also got a chance to interact with experts like Dr. Suman Kharbanda, she gave detailed information on how to use Microsoft Excel for data analysis with Dr. Chhavi Sharma, she emphasized the significance of data input and formatting in order to conduct correct analysis. A talk with Dr. Bhupender has conducted for an insight view of Hypothesis Testing, Statistical Tests, and Secondary data analysis.

The last module of this program was taken by Dr. Sunita Singh, who conducted the session on ethical principles in research. The significance of following these principles was emphasized, particularly in terms of biosafety and ethics compliance. These sessions are more interactive with talks from different experts like Prof. (Dr) Man Singh who talks about Intellectual property rights and Patents with his in-depth knowledge, Dr. Ajay opened the discussion by emphasizing the necessity of thorough and methodical research. He emphasized the need for well-defined research topics, clear objectives, and good preparation in guaranteeing a research project's success, and at last, Dr. Arjun gave us a quick overview of the statistical analysis and briefly reviewed the questions submitted in the form of a Google form. All the modules have their own different assignments / tasks which kept the students focused. At last, this summer training program was concluded with a valedictory session in which the feedback of students was taken and the certificates were distributed.

The resource person of the program

- **Dr. Jayita Thakur, Department of Biochemistry, Shivaji College, University of Delhi**
- **Dr. Renu Baweja, Department of Biochemistry, Shivaji College, University of Delhi**

- **Dr. Sunita Singh, Department of Biochemistry, Shivaji College, University of Delhi**
- **Dr. Usha Yadav, Department of Biochemistry, Shivaji College, University of Delhi**
- **Dr. Abhijeet Mishra, Department of Biochemistry, Shivaji College, University of Delhi**
- **Dr. Suman Kharbanda, Department of Commerce, Shivaji College, University of Delhi**
- **Dr. Chhavi Sharma, Department of Commerce, Shivaji College, University of Delhi**
- **Dr. Bhupender, Department of Microbiology, Swami Shraddhanand College, University of Delhi**
- **Prof. (Dr) Man Singh, School of Chemical Sciences, Central University of Gujarat**
- **Dr. Ajay, Department of Economics, Shivaji College, University of Delhi**
- **Dr. Arjun, Department of Economics, Shivaji College, University of Delhi**

Posters



Inter College Summer Training Program

on

RESEARCH METHODOLOGY 3.0

June 05 – July 03, 2023

LEARNING OUTCOMES

Participants will:

- Learn to design a research based study and conduct review of literature
- Conduct survey based data collection and organize health camps
- Analyze data using biostatistics followed by the interpretation of data
- Report the findings of project with appropriate citations and check for plagiarism
- Interact with the experts and visit research labs

Last date for registration: June 01, 2023*

* No registration fees. Limited seats available.
Selected students will be informed through registered Email Id.
Certificates will be issued after successful completion of the STP.

PROGRAM COORDINATORS

Dr. Jayita Thakur, Dr. Renu Baweja,
Dr. Sunita Singh, Dr. Usha Yadav
Dr. Abhijeet Mishra

COORDINATOR STAR COLLEGE SCHEME

Dr. Renu Baweja

WHO CAN APPLY?

UG and PG students

REQUIREMENT:

Access to Laptop/Desktop

[Click here to register](#)

Or

Scan QR code



Shivaji College
NACC Accredited Grade "A"
University of Delhi

**Department of Biochemistry organizes
Health Camp**

(June 12th – June 16th, 2023)

(Under the Summer Training Program on Research Methodology 3.0)

Photographs



Road No. 28, Shivaji Place, Vishal Enclave, Tagore Garden Extension, New Delhi, Delhi 110018, India
 Haze 37.1°C
 13:29 2023-06-06 Tuesday
 #Captured by GPS Cam



New Delhi, Delhi, India
 GC-30, Shivaji Enclave, Tagore Garden Extension, New Delhi, Delhi 110027, India
 Lat 28.655859°
 Long 77.120546°
 21/06/23 11:08 AM GMT +05:30



Delhi, Delhi, India
 Miranda House,117, [No name], Delhi, 110007, India
 Lat 28.692348°
 Long 77.20961°
 Plus Code : 7JWVM6R5+WR
 20/06/23 12:09 PM GMT +05:30



New Delhi, Delhi, India
 GC-1, Shivaji Enclave, Vishnu Garden, New Delhi, Delhi 110018, India
 Lat 28.65552°
 Long 77.120599°
 14/06/23 11:08 AM GMT +05:30
 22/06/23 11:19 AM GMT +05:30



New Delhi, Delhi, India
 M44C+FF7 Shivaji College 1, Shivaji Enclave, Tagore Garden Extension, New Delhi, Delhi 110027, India
 Lat 28.656117°
 Long 77.121176°
 27/06/23 11:01 AM GMT +05:30



New Delhi, Delhi, India
 M44C+FF7 Shivaji College 1, Shivaji Enclave, Tagore Garden Extension, New Delhi, Delhi 110027, India
 Lat 28.656139°
 Long 77.12118°
 26/06/23 10:44 AM GMT +05:30



New Delhi, Delhi, India
 GC-1, Shivaji Enclave, Vishnu Garden, New Delhi, Delhi 110018, India
 Lat 28.655542°
 Long 77.120673°
 21/06/23 11:06 AM GMT +05:30



New Delhi, Delhi, India
 Rajdhani College, Block WZ, Bali Nagar, New Delhi, Delhi 110015, India
 Lat 28.654501°
 Long 77.125326°
 26/06/23 01:07 PM GMT +05:30