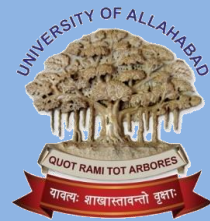




# चौधरी महादेव प्रसाद महाविद्यालय C. M. P. DEGREE COLLEGE

(A Constituent P.G. College, University of Allahabad)  
Under Strengthening component of DBT Star College Scheme



## THREE DAYS HANDS ON-WORKSHOP

(17<sup>TH</sup> - 19<sup>TH</sup> AUGUST, 2023)

Under the aegis of

## DBT STAR COLLEGE SCHEME

सत्यमेव जयते  
Department of Biotechnology  
Government of India

**“FOOD SAFETY AND NUTRITIONAL SECURITY ANALYSIS AND QUALITY CONTROL”**

**Venue: Dr Pyarelal Auditorium, CMP Degree College**

**Time : 10:00 am to 5:00 PM**

Registration link:

<https://docs.google.com/forms/d/e/1FAIpQLSdzCYNQspqJ3Y6Qey8jGgNgRq9j-SUYv8fMmBTavl5B8tmDsA/viewform>

Chief Patron

**Ch. Jitendra Nath Singh**

President, Kayastha Pathshala  
Prayagraj

Patron

**Prof Ajay Prakash Khare**

Principal  
CMP Degree College

DBT Coordinator

**Dr. Sarita Srivastava**

Department of Botany

DBT Co-coordinator

**Dr. Rakesh Kumar**

Department of Physics

**Dr Meena Rai**

Associate Professor Dept of Botany

Chief Program Coordinators

**Dr Archana Pandey**

Associate Professor Dept of Chemistry

Program Coordinators

**Dr Amita Pandey**

**Dr. Sanjay Singh**

**Dr Kirti Rajee**

Department of Botany

Program Coordinators

**Dr. Vinita Jaiswal**

**Dr Hemlata Pant**

**Dr Jyoti Verma**

Department of Zoology

Program Coordinators

**Dr. Babita Agrawal**

**Dr. Sunanda Das**

**Dr Arti Gupta**

Department of Chemistry

Departmental Coordinators

**Dr. Avinash Pratap Singh**

Assistant Professor  
Botany

**Dr Rohit Kumar**

Assistant Professor  
Physics

**Dr Vishal Srivastava**

Assistant Professor  
Chemistry

**Dr Manoj Kumar Jaiswal**

Assistant Professor  
Zoology

Jointly Organized by

Departments of Botany Chemistry and Zoology



# Food safety and nutritional security Analysis and Quality Control

**Organized by -**

Departments of Botany, Zoology and Chemistry, Chaudhary Mahadeo Prasad College  
University of Allahabad, Prayagraj

*(Under the strengthening component of DBT Star College Scheme)*

## **Objectives**

*The aim of the workshop is to improve the research skills and aptitude of the undergraduate students, by enhancing their practical knowledge on various techniques of Chemical analysis of Food technology. The knowledge of food testing seeks to explore learners ability manifold which, in turn, helps them to better cope up and grow with their course-learning, teaching and research output. The workshop will also facilitate to gain insight into*

- *Estimation of Macromolecules from food material*
- *Estimation of pH and NaCl from food material*
- *Food Adulterant and their detection in food.*
- *Estimating Micronutrients such as vitamins in food*
- *Estimation of dietary fibres in food sources*

## **Chief Patron**

**Ch. Jitendra Nath Singh**  
President  
Kayastha Pathshala Prayagraj

## **Chairman**

**Prof Ajay Prakash Khare**  
Principal  
CMP Degree College  
Prayagraj

## **Organizing secretaries:**

### **Dr. Vishal Srivastava**

Assistant Professor,  
Dept of Chemistry, CMP Degree  
College University of Allahabad

### **Dr. Ashish Kumar Mishra**

Assistant Professor  
Dept of Zoology, CMP Degree College  
University of Allahabad

### **Dr. Yashwant Kumar**

Assistant Professor  
Dept of Botany, CMP Degree College  
University of Allahabad

### **Dr Himani Chaurasia**

Assistant Professor  
Dept of Chemistry, CMP Degree College  
University of Allahabad

### **Dr. Ranjeet Kumar**

Assistant Professor,  
Dept of Chemistry, CMP Degree  
College University of Allahabad

### **Dr. Akram Ali**

Assistant Professor,  
Dept of Chemistry, CMP Degree  
College University of Allahabad

17-19 August, 2023

THREE DAYS HANDS-ON-WORKSHOP

# Food safety and nutritional security Analysis and Quality Control

## *Executive Committee*

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**Dr. Sarita Srivastava**  
Coordinator  
DBT Star College, Scheme

**Dr. Rakesh Kumar**  
Co-Coordinator  
DBT Star College, Scheme

**Dr. Amita Pandey**  
Convener  
Botany Department

**Dr. Vinita Jaiswal**  
Convener  
Zoology Department

**Dr. Babita Agrawal**  
Convener  
Chemistry Department

**Dr. Rohit Kumar**  
Departmental Coordinator  
Physics Department

**Dr. Avinash Pratap Singh**  
Departmental Coordinator  
Botany Department

**Dr. Manoj Kumar Jaiswal**  
Departmental Coordinator  
Zoology Department

## *Advisory Board*

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Dr. Manju Srivastava

Dr. Sudhi Srivastava

Dr. Deepa Srivastava

Dr. Anil K. Shukla

Dr. Anuradha

Dr. Praveen Tripathi

Dr. Santosh K. Srivastava

Dr. Vinay Singh

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Dr. Mridula Tripathi

Dr. Nidhi Tripathi

Dr. Dharmendra K. Sahu

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Dr. Monika Singh

Dr. Neha Pandey

Dr. Charu Tripathi

Dr. Promod Kumar

Dr. Pallavi Rai

Dr. Ashok K. Ranjan

Dr. Anita Singh

Dr. Deepanjali Pandey

**Day 1 (17<sup>th</sup> August 2023, Thursday)**

S.N.	Time	Program
1	10:00 – 11:00	Inauguration & Introductory Lecture
Break		
2	11:15 – 01:00	Determination of pH from packaged food
Lunch		
3	01:30 – 03:00	Determination of Moisture & NaCl from packaged food
Break		
4	03:15 – 04:00	Determination of Acidity from packaged food

**Day 2 (18<sup>th</sup> August 2023, Friday)**

S.N.	Time	Program
1	10:00 – 10:45	Estimation of Fat in raw food products
Break		
2	11:00 – 01:00	Estimation of Protein in raw food products
Lunch		
3	01:30 – 02:45	Estimation of Fibers in raw food products
Break		
4	02:45 – 04:00	Estimation of Vitamins in raw food products

**Day 3 (19<sup>th</sup> August 2023, Saturday)**

S.N.	Time	Program
1	10:00 – 11:00	Detection of adulterants of Urea in milk products
Break		
2	11:15 – 01:00	Detection of adulterants of Cane Sugar & starch in milk products
Lunch		
3	01:30 – 02:30	Detection of adulterants of Sulphate salts in milk products
Break		
4	02:45 – 04:00	Valedictory session, Feedback & certificate Distribution