

SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA

(Affiliated to Dr. Ram Manohar Lohiya Avadh University, Ayodhya, (U.P))



Department of Botany

One Day Workshop

On

**Biotechnology and bioinformatics:
challenges and opportunities**

Conducted

on

14, April 2024

2023-2024

Detailed Report:

The Internal Quality Assurance Cell and Department of Botany, Shri Lal Bahadur Shastri Degree College, Gonda jointly organised a one-day workshop on **Biotechnology and bioinformatics challenges and opportunities** on 14, April 2024. The students of Pre- Ph.D. Students, M. Sc. IInd & IVth Semester. Warmly Participated the workshop.

Invited Speakers:

		
<p>Prof. Ravindra Kumar (Principal)</p>	<p>Dr. Prachi Srivastva Main Speaker Department of Biotechnology Amity University</p>	<p>Dr. N.K. Singh Ex- Principal M.L.K.(P. G.) College Balrampur (U.P.)</p>

 **SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA -271003** 

DEPARTMENT OF BOTANY

One Day Workshop
Biotechnology and bioinformatics: challenges and opportunities

Free - Registration

 <p>Speaker Dr. Prachi Srivastava Asso. Prof Amity Institute of Biotechnology Amity university Lucknow</p>	<p>Vinue : Lalita Shastri Sabhagar Time : 11:00 am Date : 14/04/2024</p> <p>Prof. S.K. Srivastava (Head Department of Botany) Dr. Rekha Sharma Dr. Sanjay Kumar Dr. Priyanka Srivastava Krishna Mohan Tripathi Drinkal Yadav</p>	 <p>Prof. Ravindra Kumar Principal Shri Lal Bahadur Shastri Degree Colleg Gonda-271003</p>
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Schedule	Organizers
First- Session	Patron Prof. Ravindra Kumar
10:00 to 10:15 am Inaugural Session	Convener Prof. S. K. Srivastava
Lecture- Prof. Ravindra Kumar Time- 10:15 to 11:30 am	Organizing Secretary Dr. Rekha Sharma
Main Speaker Dr. Prachi Srivastava Time- 11:30 – 01:30 pm.	Joint Organizing Secretary Dr. Sanjay Kumar Dr. Priyanka Srivastava
Lunch 01:30 pm to 02:00 pm	Member Dr. Drinkal Yadav Mr. Krishna Mohan Tripathi
Lecture - Dr. N.K. Singh (Ex- Principal M.L.K. (P.G.) College Balrampur) Time 02:00 to 03:00 pm	
Lecture- Dr. Rekha Sharma Time – 03:00 to 04:15 pm.	
Tea Time 04:15 to 04:30 pm	
Valadiatory Session Time – 04:30 pm.	

Activities of the workshop

The inaugural session started by lightening the lamp on the statue of Goddess Saraswati. At 10:00 am technical session started with the welcome speech by Dr. Priyanka Srivastava. She introduced the attendees with the schedule and timeline of the workshop.

In the first session Prof. Ravindra Kumar Principal of the college delivered a lecture on Scope of biotechnology with special emphasis on human welfare. Soon after, Dr. Prachi Srivastava Delivered her talk among the students and focused on the Topic: **Biotechnology and bioinformatics challenges and opportunities.**

After lunch, the second technical session started with the lecture of Dr. N. K. Singh on the topic **D.N.A. as a genetic material.** The last lecture was delivered by Dr. Rekha Sharma on transgenic plant: Boon for agriculture. In the valedictory session vote of thanks was given by Prof. S.K. Srivastava to all speakers, students and other staff members.

Impact of the Workshop

All the students of Pre-Ph.D. course, M.Sc. IInd & IVth Sem. participated the works of god benefited. This workshop can have a significant impact in several ways.

- 1. Knowledge sharing:** Experts share their experiences, research, and best practices, fostering a collaborative environment.
- 2. Networking:** Participants connect with peers, researchers, and industry professionals, potentially leading to future collaborations.
- 3. Innovation:** Workshops can inspire new ideas, spark creativity, and drive innovation in the field.
- 4. Addressing challenges:** Discussions focus on overcoming obstacles, sharing solutions, and developing strategies.
- 5. Exploring opportunities:** Identifying emerging trends, applications, and potential breakthroughs.
- 6. Capacity building:** Enhancing skills, expertise, and awareness among participants.
- 7. Interdisciplinary approaches:** Combining biotechnology and bioinformatics expertise to tackle complex problems.
- 8. Policy and regulation:** Informing and shaping policies, guidelines, and standards.
- 9. Showcasing research:** Presenting cutting-edge research, promoting scientific advancement.
- 10. Inspiring future generations:** Motivating students and young researchers to pursue careers in these fields.



Dr. Prachi Srivastava addressing on biotechnology and bioinformatics



Department of botany presented medicinal plant to Dr. Prachi Srivastava



Dr. Prachi Srivastava with entire faculty members of Botany Department



Dr. Prachi Srivastava Being honoured

LIST OF PARTICIPANTS:**M. Sc. IVth Sem.**

SR.NO.	STUDENTS NAME	SR.NO.	STUDENTS NAME
1.	Priyanshu Mishra	18.	Laxmi Yadav
2.	Shalu singh	19.	Saumya tripathi
3.	Vaishnavi Pandey	20.	Sushmita Tripathi
4.	sudha singh	21.	Sivani Singh
5.	Ragni Tiwari	22.	Afreen Khan
6.	Arham rafi	23.	Km. Shaheen Bano
7.	Reshma Bano	24.	Khusbu Soni
8.	Anjali Gupta	25.	Amrita Srivastava
9.	Divyanshi Srivastava	26.	Uma Devi
10.	Abhishek kumar	27.	Nidhi Mishra
11.	Nitesh Kumat Tiwari	28.	Pradeep Kumar Verma
12.	Devid kumar	29.	Sabreen Bano
13.	Anurag Chaturvedi	30.	Komal Shukla
14.	Sanjeev kumar	31.	Sumaiya Fatima
15.	Nisha modanwal	32.	Archna Tiwari
16.	Sonam Mishra	33.	Fauzia Ahsan Siddiqui
17.	Mehvish Naz	34.	Ku. Rubee Bharti

M.Sc. IInd Semester:

SR.NO.	STUDENTS NAME	SR.NO.	STUDENTS NAME
1.	Vivek Kumar Yadav	20.	Soni Pandey
2.	Amit Kumar Singh	21.	Shivangi Balmiki
3.	Arpita Singh	22.	Monu Shukla
4.	Prachi Ojha	23.	Chandra Prakash Yadav
5.	Nishu Yadav	24.	Anjali
6.	Shreshtha Mishra	25.	Mohini Gupta
7.	Preeti Pandey	26.	Priyanka Singh
8.	Parul Shukla	27.	Shushma Prajapati
9.	Vikash Adhikari	28.	Vishal
10.	Laxmi Yadav	29.	Avinash Dubey
11.	Niharika Shukla	30.	Divya Mishra
12.	Sandeep Kumar Maurya	31.	Lakshmi Mishra
13.	Uzma Yasmeen	32.	Sonali Pathak
14.	Pooja Devi	33.	Ekta Singh
15.	Akhilesh	34.	Insha Ansari
16.	Manish Chandra Dubey	35.	Shruti Pandey
17.	Nupur Tiwari	36.	Rupali Shukla
18.	Priyanka Pandey	37.	Neeraj Dubey
19.	Neha Kasaudhan	38.	Srishti Gupta

Pre. Ph.D. Scholar 2023

SR.NO.	STUDENTS NAME		
1.	Gulam Ahmad Siddiqui		
2.	Mohan Pandey		
3.	Narendra Kumar		
4.	Rakesh Kumar		
5.	Ratnesh kumar		
6.	Swati Dwivedi		
7.	Mahendra Prasad Verma		