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श्री लाल बहादुर शास्त्री डिग्री कालेज, गोण्डा - 271003 (उ.प्र.)  
Shri Lal Bahadur Shastri Degree College, Gonda - 271003 (U.P.)

## 3.2.2

### Research, Innovations and Extension

**WORKSHOPS/SEMINARS/CONFERENCES INCLUDING  
ON RESEARCH METHODOLOGY, INTELLECTUAL  
PROPERTY RIGHTS (IPR) AND ENTREPRENEURSHIP**



  
**PRINCIPAL**  
SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

**SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE,  
GONDA  
DEPARTMENT OF AGRICULTURE**



**One Day Workshop**

**On**

**“Sustainable Agriculture”**

**Organized on**

**02 March, 2024**



  
**PRINCIPAL**  
SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)



# SHRI LAL BHADUR SHASTRI DEGREE COLLEGE, GONDA

Affiliated

Dr Ram Manohar Lohia Avadh University, Ayodhya

## Department of Agriculture

Organized

One Day Workshop

On

### “Sustainable Agriculture”

02 March, 2024

Open for All  
Students

No  
Registration  
Fee

Venue: Conference Hall Science  
Campus, Shri Lal Bahdur Shastri  
Degree College, Gonda

## Speakers

Prof. Rohit Kumar Pandey, Professor, KVK-Shrawasti  
Prof. Ravindra Kumar Pandey, Principal SLBSDC, Gonda  
Prof. Sharwan Kumar Shrivastava, HoD, Dptt. Botany, SLBSDC, Gonda

Events		Organizers
Lamp Lightning	10:00 am	Petron Prof. Ravindra Kumar Pandey, Principal SLBSDC, Gonda
Saraswati Vandana	10:05 am	
Brief Introduction of Workshop	10:10 am	Convener Prof. Sharwan Kumar Shrivastava, HoD, Dptt. Botany, SLBSDC, Gonda
Lecture 1: Prof. Ravindra Kumar Pandey	10:15 am -11:30 am	
Tea Break	11:30 am-12:00 pm	Co-convener Dr. Rekha Sharma Assistant Professor, Dptt. Botany, SLBSDC, Gonda Dr. Ghanshyam Dwivedi, Assistant Professor, Dptt. Agriculture, SLBSDC, Gonda
Lecture 2: Prof. Rohit Kumar Pandey	12:00 pm- 01:30 pm	
Lunch Break	01:30 pm- 02:00 pm	Organizing Secretary Dr. Smita Singh, Assistant Professor, Dptt. Agriculture, SLBSDC, Gonda
Lecture 3: Prof. Sharwan Kumar Shrivastava	02:00 pm- 03:30 pm	
Valedictory session	03:30 pm to 04:30 pm	Joint Organizing Secretary Dr. Vinay Pandey, Assistant Professor, Dptt. Agriculture, SLBSDC, Gonda Dr. Dharmendra Pratap Singh Assistant Professor, Dptt. Agriculture, SLBSDC, Gonda

Department of Agriculture, Shri Lal Bahadur Shastri Degree College, Gonda organised a one-day workshop on “Sustainable Agriculture” on 02, March 2024.

### **Invited Speakers**

**Prof. Rohit Kumar Pandey**

**Prof. Ravindra Kumar Pandey**

**Prof. Sharwan Kumar Shrivastava**

### **Objectives of the workshop were:**

- To discuss the latest trends and technologies in agriculture.
- To identify challenges and opportunities in the agricultural sector.
- To explore sustainable farming practices that can increase productivity and profitability.

The inaugural session started by lightening the lamp and Saraswati Vandana on the statue of Goddess Sarswati at 10:00 am. Technical session started with the welcome speech by Dr. Rekha Sharma. She introduced the agendas with the schedule and outline of the workshop.

In first session Prof. Ravindra Kumar delivered a lecture on the Scope of Agriculture. He focused on sustainable agriculture and modern farming techniques.

After tea break second lecture delivered by Prof. Rohit Kumar Pandey. He emphasise the aim of sustainable agriculture. He said sustainable agriculture maintaining the human need of today and tomorrow with quality food, conserving the natural resources, and maintains soil health.

After Lunch break Prof. Sharwan Kumar Shrivastava gave his lecture on concepts of sustainable agriculture.

In the last, Dr. Smita Singh, organizing secretary of the workshop, concluded the session by giving vote of thanks to all the speakers, students and other individuals presented in the workshop.



## List of Students

1. AASHUTOSH TIWARI	2. PRAMOD KUMAR
3. ABHIMANYU SHUKLA	4. PRAVEEN PANDEY
5. ABHINANDAN PANDEY	6. PRAVEEN SHUKLA
7. ABHINAV TRIPATHI	8. PRINCE MISHRA
9. ABHISHEK KUMAR	10. PRINCE PANDEY
11. ABHISHEK SINGH	12. SARVENDRA VERMA
13. ABHISHEK SRIVASTAVA	14. SARVESH KUMAR SHUKLA
15. ABHISHEK TIWARI	16. SATYAM PANDEY
17. ABHISHEK YADAV	18. SATYANAM VERMA
19. ABHYUDAY VERMA	20. PRAMOD KUMAR
21. ADARSH TIWARI	22. PRAVEEN PANDEY
23. AJAY CHAUDHARI	24. PRAVEEN SHUKLA
25. AJAY KUMAR YADAV	26. PRINCE MISHRA
27. AJAY SHUKLA	28. PRINCE PANDEY
29. AJAY YADAV	30. SARVENDRA VERMA
31. AKARSH PRATAP SINGH	32. SARVESH KUMAR SHUKLA
33. AKHIL SINGH	34. SATYAM PANDEY
35. BABU LAL YADAV	36. SATYANAM VERMA
37. BIPIN SHARMA	38. PRAMOD KUMAR
39. CHANDRA PRAKASH	40. PRAVEEN PANDEY
41. CHANDRA PRATAP ARYA	42. PRAVEEN SHUKLA
43. DEEP RAJ PANDEY	44. PRINCE MISHRA
45. DEEPAK	46. PRINCE PANDEY
47. DEEPAK SINGH	48. SARVENDRA VERMA
49. DEVESH PANDEY	50. SARVESH KUMAR SHUKLA
51. DHANANJAY SINGH	52. SATYAM PANDEY
53. DHANRAJ YADAV	54. SATYANAM VERMA
55. DHIRENDRA TIWARI	56. PRAMOD KUMAR
57. RISHABH SINGH	58. PRAVEEN PANDEY
59. RITIK TIWARI	60. PRAVEEN SHUKLA
61. ROHIT VERMA	62. PRINCE MISHRA
63. ROZ ALI	64. ABHI NANDAN TIWARI
65. RUDRA NARAYAN MISHRA	66. RAHUL KUMAR
67. SACHIN KUMAR SHUKLA	68. RAHUL MAURYA
69. SACHIN MISHRA	70. RAJ SINGH
71. SACHIN SINGH	72. RAJAN PANDEY
73. SACHIN SINGH	74. RAM KUMAR YADAV
75. SACHIN SINGH	76. RAM SHIROMANI TIWARI
77. SACHIN TIWARI	78. RAMAKANT SHUKLA
79. SANDEEP KUMAR	80. RATNESH KUMAR
81. SANDEEP KUMAR	82. RAVI KUMAR SHUKLA
83. LAVKUSH KUMAR	84. RAVINDRA NATH PA



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**SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA  
DEPARTMENT OF AGRICULTURE**



**A Workshop on**

**“Agricultural Research and Innovation and its Impact on the Economic Development”**

**Date: April 03, 2024**



  
**PRINCIPAL**  
SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

## **Inaugural Lecture By**



**Prof. Sharwan Kumar Srivastava,**  
HoD, Department of Botany

## **Guest Lecture By**



**Dr. Uday Pratap Singh**

**Assistant Professor**  
**Bhagwan Asha Bux Singh College, Ayodhya**

**(10.00 am to 11.00 am)**

**High Tea- (11.00 am to 11.30 am)**

## Keynote Speakers

**Lecture 1:  
Introduction to IPR  
and its Scope**  
(11.30 am to 12.45  
pm)



**Dr. Ghanshyam  
Dwivedi**  
HoD, Department of  
Agriculture

**Lecture 2: Agriculture  
Trade Policy, Promotion  
and Logistics  
Development**  
(12.45 pm to 01.30  
pm)



**Dr. Smita Singh,**  
Assistant Professor,  
Department of  
Agriculture

**Lecture 3:  
Agricultural  
Marketing:  
Concept and  
Definitions**  
(02.00 pm to 02.45 pm)



**Dr. Vinay Kumar  
Pandey, Assistant  
Professor,  
Department of  
Agriculture**

**Lecture 4:  
Challenges &  
Future  
Directions**  
(02.45 pm to 03.30  
pm)



**Dr. Dharmendra  
Pratap Singh,**  
Assistant Professor,  
Department of  
Agriculture

**Lunch Break (1.30 pm-2.00 pm)**

**Venue:**

Smt. Lalita Shastri Sabhagar, Shri Lal Bahadur Shastri Degree College,  
Gonda

**Chief Patron**  
Varsha Singh  
Vice-President

**President**  
Prof. R. K. Pandey  
Principal

**Organizing Secretary**  
Dr. Smita Singh  
Assistant Professor, Department of Agriculture

**Patron**  
Shri Umesh Shah  
Secretary

**Convener**  
Prof. Sharwan Kumar Srivastava  
Head, Department of Botany

**Organizing Secretary**  
Dr. Ghanshyam Dwivedi  
Assistant Professor, Department of Agriculture

**Organizing Committee**



**Dr. Rekha Sharma**  
Assistant Professor,  
Department of Botany

**Dr. Vinay Kumar  
Pandey**  
Assistant Professor,  
Department of Agriculture

**Dr. Dharmendra Pratap  
Singh**  
Assistant Professor,  
Department of Agriculture

**Mr. Avanish Mishra**  
Assistant Professor,  
Department of Agriculture

### **Advisory Board**

Prof. S. K. Pandey, Head, Deptt. Of Mathematics  
Prof. Jitendra Singh Head, Deptt. Of Physics  
Shishir Tripathi, Deptt of Zoology  
Santosh Kumar Srivastava, Deptt. of Physics  
Sri Manish Sharma, Deptt. of Mathematics  
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Dr. Satish Kumar Tiwari, SLBSDC, Gonda  
Dr. Ashok Kumar Pandey, SLBSDC, Gonda  
Prof. Shyam Bahadur Singh, SLBSDC, Gonda  
Prof. VCHNK Srinivas Rao, SLBSDC, Gonda  
Prof. Rishikesh Singh, SLBSDC, Gonda  
Prof. Sandeep Kumar Srivastava, SLBSDC, Gonda  
Prof. Mansha Ram Verma, SLBSDC, Gonda  
Dr. Priyanka Srivastava, SLBSDC, Gonda  
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Ms. Namrata Shukla, SLBSDC, Gonda  
Ms. Anuradha Gupta, SLBSDC, Gonda  
Dr. Arun Pratap Singh, SLBSDC, Gonda  
Dr. Dalip Kumar, Singh SLBSDC, Gonda  
Dr. Ramint Patel, SLBSDC, Gonda  
Dr. Ajeet Kumar Mishra, SLBSDC, Gonda  
Dr. Mamta Shukla, SLBSDC, Gonda  
Dr. Raj Bahadur Chaudhary, SLBSDC, Gonda

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Prof. Deena Nath Tiwari, SLBSDC, Gonda  
Prof. Binod Pratap Singh, SLBSDC, Gonda  
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Prof. Deena Nath Tiwari, SLBSDC, Gonda  
Prof. Vijay Kr Agrawal, SLBSDC, Gonda  
Prof. Shiv Sharan Shukla, SLBSDC, Gonda  
Prof. B. Singh Baghel, SLBSDC, Gonda  
Prof. Rajeev Kr Agrawal, SLBSDC, Gonda  
Prof. A. K. Srivastava, SLBSDC, Gonda  
Prof. J. B. Pal, SLBSDC, Gonda  
Prof. S. B. Singh, SLBSDC, Gonda  
Prof. VCHNKS. Rao, SLBSDC, Gonda  
Prof. Rishikesh Singh, SLBSDC, Gonda  
Prof. S. K. Srivastava, SLBSDC, Gonda  
Prof. Mansha Ram Verma, SLBSDC, Gonda  
Dr. Chaman Kaur, SLBSDC, Gonda  
Dr. Neeraj Yadav, SLBSDC, Gonda  
Mr. L. Kalyani, SLBSDC, Gonda  
Mr. Awadhesh K. Verma, SLBSDC, Gonda  
Mr. Pawan Kumar Singh, SLBSDC, Gonda  
Dr. Shailesh Kumar, SLBSDC, Gonda  
Mr. Om Prakash Yadav, SLBSDC, Gonda  
Dr. Achyut Shukla, SLBSDC, Gonda  
Dr. Rachna Srivastava, SLBSDC, Gonda  
Dr. Shailja Singh, SLBSDC, Gonda  
Dr. Smriti Shishir, SLBSDC, Gonda  
Dr. Neetu Saxena, SLBSDC, Gonda  
Dr. Manisha Pal, SLBSDC, Gonda  
Dr. Harish Kumar Shukla, SLBSDC, Gonda



A workshop was organised by the Department of Agriculture on April 03, 2024 in the college auditorium. Varsha Singh was the resource person. She gave a brief introduction on IPR and explained the various related terms such as copyrights, patents etc.

The specific objectives of the workshop are:-

1. Build capacity in different types of intellectual property rights and explore its role in promoting economic development, particularly in industrial and agriculture sector;
2. Draw attention to the importance of intellectual property (IP) management and intellectual property rights (IPRs) in global policy for agricultural research and innovation;
3. Explore the opportunities and challenges facing agricultural innovators, to strengthen regional innovation performance;
4. Provide transparent means and channels for facilitating the technology and knowledge transfer to Industry and business and enhancing the role of entrepreneurship and innovation.

The workshop was carried out in 3 sessions

**1st session:** The introductory session was taken by the speaker. In this session, a complete introduction on intellectual properties, intellectual property laws & their clauses. In this session, the students were taught about the Intellectual Property Rights & their principles. Also the students were given enough information about how to use this knowledge to proceed forward in a startup company. Also they have been taught how to use intellectual property laws in case of injustice and the legal options available in Indian judicial system.

**2nd session:** Complete information on intellectual properties like patent, copyright, trademark, design, trade secret etc was given. Also the speaker explained the difference between these topics, also the validity for each right, judicial law available under each right & the limitations of each right.

**3rd session:** This was an activity session for the students where students were given an activity to come up with an innovative idea, solution & presentation for the given problem statements. Also the students were needed to inculcate how the students can use the above taught intellectual property rights, claim the benefits & get security in their start-ups

The program was concluded by the valedictory session which was undergone in presence of Principal SLBSDC, Gonda and all teachers where each participant was awarded by a certificate of participation. Also each student organiser was awarded by a certificate of appreciation.

### **Acknowledgments**

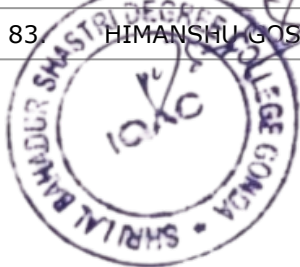
We extend our sincere thanks to all the speakers, participants, sponsors, and organizers who contributed to the success of the seminar. Special thanks to Prof. Ravindra Kumar (Principal) for their invaluable support and guidance throughout the planning and execution of the event.



### **List of Students**

1. ABHISHEK KUMAR MISHRA	2. RAKESH SHUKLA
3. ABHISHEK MISHRA	4. LAVKUSH YADAV
5. ABHISHEK TRIPATHI	6. MADHUSUDAN GAUD
7. ADARSH TIWARI	8. MAHEEP
9. ADITYA KUMAR	10. MAHENDRA PRATAP SINGH
11. ADITYA KUMAR SRIVASTAVA	12. MAYANK TIWARI
13. AFSAR ALI	14. MOHD ADIL RAZA
15. AJAY KUMAR KULDEEP	16. MOHD JUNED

17. AJAY KUMAR MISHRA	18. MOHIT
19. AJAY KUMAR MISHRA	20. MOHIT KUMAR
21. AJAY KUMAR VERMA	22. MOHIT KUMAR TIWARI
23. AJEET KUMAR	24. MUKESH KUMAR
25. AKASH KUMAR RAWAT	26. MUKESH YADAV
27. AKHAND PRATAP SINGH	28. NARENDRA KUMAR
29. AKHAND PRATAP SINGH	30. NAVEEN KUMAR PATHAK
31. AKHILESH DUBEY	32. NEERAJ MISHRA
33. AKHILESH KUMAR	34. NEERAJ SHUKLA
35. ALOK KUMAR VAISH	36. NIKHIL SINGH
37. AMAN KUMAR SHUKLA	38. NIKHILENDRA PRATAP SINGH
39. AMAN SHRIIVASTAV	40. NIRMAL YADAV
41. AMAN TIWARI	42. PANKAJ KANAUJIYA
43. AMIT DUBEY	44. PANKAJ RAO
45. AMIT KUMAR	46. PIYUSH GIRI
47. AMIT SHUKLA	48. PIYUSH SINGH
49. DEEPAK KUMAR MISHRA	50. PRASHANT PANDEY
51. DEEPANKAR TIWARI	52. PRASHANT SRIVASTAVA
53. DEVENDRA NATH TIWARI	54. PRAVEEN KUMAR MISHRA
55. DHANANJAY SINGH	56. PREM NARAYAN PANDEY
57. DILEEP YADAV	58. LAVKUSH YADAV
59. DIVAKAR TRIPATHI	60. MADHUSUDAN GAUD
61. DIWAKAR KUMAR MISHRA	62. MAHEEP
63. DURGESH KUMAR	64. MAHENDRA PRATAP SINGH
65. GAURAV SHUKLA	66. MAYANK TIWARI
67. GUL MOHAMMAD	68. MOHD ADIL RAZA
69. HANUMAT SHARAN PANDEY	70. MOHD JUNED
71. HARIKARAN SINGH	72. MOHIT
73. HARIOM MISHRA	74. MOHIT KUMAR
75. HARSH VARDHAN	76. MOHIT KUMAR TIWARI
77. HARSH VARDHAN GOSWAMI	78. MUKESH KUMAR
79. HARSHIT SINGH	80. MUKESH YADAV
81. HARSIT SINGH	82. NARENDRA KUMAR
83. HIMANSHU GOSWAMI	84. NAVEEN KUMAR PATHAK



Principal  
 SHRI LAL BHADUR SHASTRI DEGREE COLLEGE  
 GONDA (UP)

**SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE,  
GONDA  
DEPARTMENT OF AGRICULTURE**



**One Day Workshop**

**On**

**“Organic Farming”**

**Organized on**

**09 October, 2023**



  
**PRINCIPAL**  
SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

**Guest Lecture By:**

Dr. Mithlesh Pandey, Senior Scientist, KVK Mankapur, ANDUA&T, Kumarganj, Ayodhya



## Shri Lal Bahadur Shastri Degree College, Gonda

Affiliated

Dr. Ram Manohar Lohia Avadh University, Ayodhya

Department of Agriculture

Organized

One Day Workshop

On

Workshop on

“Organic Farming”

09 October, 2023

Open for All  
Students

No  
Registration  
Fee

Venue: Conference Hall Science Campus, Shri Lal Bahadur Shastri Degree College, Gonda

## Speakers

**Dr. Mithlesh Pandey, Senior Scientist, KVK Mankapur, ANDUA&T, Kumarganj, Ayodhya**

**Prof. Ravindra Kumar Pandey, Principal SLBSDC, Gonda**

**Prof. Sharwan Kumar Shrivastava, HoD, Dptt. Botany, SLBSDC, Gonda**

**Dr. Rekha Sharma, Assistant Professor, Dptt. Botany, SLBSDC, Gonda**

## Events

Lamp Lightning	10:00am
Saraswati Vandana	10:05am
Brief Introduction of Workshop	10:10am
Lecture 1: Prof. Ravindra Kumar Pandey	10:15am - 11:30am
Tea Break	11:30am- 12:00 pm
Lecture 2: Dr. Mithlesh Pandey	12:00pm- 01:30pm
Lunch Break	01:30pm- 02:00pm
Lecture 3: Prof. Sharwan Kumar Shrivastava	02:00pm- 03:30pm
Lecture 4: Dr. Rekha Sharma	03:30pm to 04:30pm
Valedictory session	04:30pm

## Organizers

**Petron**  
Prof. Ravindra Kumar Pandey, Principal SLBSDC, Gonda

**Convener**  
Prof. Sharwan Kumar Shrivastava, HoD, Dptt. Botany, SLBSDC, Gonda

**Co-convener**  
Dr. Rekha Sharma Assistant Professor, Dptt. Botany, SLBSDC, Gonda  
Dr. Ghanshyam Dwivedi, Assistant Professor, Dptt. Agriculture, SLBSDC, Gonda

**Organizing Secretary**  
Dr. Smita Singh, Assistant Professor, Dptt. Agriculture, SLBSDC, Gonda

**Joint Organizing Secretary**  
Dr. Vinay Pandey, Assistant Professor, Dptt. Agriculture, SLBSDC, Gonda  
Dr. Dharmendra Pratap Singh Assistant Professor, Dptt. Agriculture, SLBSDC, Gonda

A workshop started with inaugural remarks by Prof. Ravindra Kumar Pandey, Principal Shri Lal Bahadur Shastri Degree College, Gonda on October 09, 2023. All faculty members of Agriculture were present on this occasion. After that, he delivered lecture on Introduction to Organic farming. He told about the organic farming and its importance and why it is necessary in present life?

Dr. Rekha Sharma updated about the status of organic farming in the country and world and also highlighted scope of organic farming.

Dr. Mithlesh Pandey, Senior Scientist, KVK Mankapur, ANDUA&T, Kumarganj, Ayodhya, delivered lecture on 'Certification of organic products'. He told about organic farming and its certification and its process. Why and what is the need for the certification of organic products. He told about various agencies for certifications. He also highlighted National program for organic production (NPOP) and its various standards which is necessary for the certifications of organic products. In this lecture he also acquainted participants with the PGS system of certification. He also talked about export potential of organic produce.

Prof. Sharwan Kumar Srivastava delivered lecture on 'Possible organic farming systems under micro-irrigation.

In the last, Dr. Smita Singh, organizing secretary of the workshop, concluded the session by giving vote of thanks to all the speakers, students and other individuals presented in the workshop.





## List of Students

1. SANDEEP	2. SACHIN MISHRA
3. SANDEEP KUMAR	4. SACHIN TIWARI
5. SANDEEP KUMAR SHUKLA	6. AKHILESH KUMAR YADAV
7. SANDEEP YADAV	8. ALOK KUMAR TIWARI
9. SANJAY MISHRA	10. AMAN DEEP SINGH
11. SANJAY VERMA	12. AMAN MISHRA
13. SANJAY YADAV	14. AMAN PANDEY
15. HARISH	16. AMAN TIWARI
17. HARSH PATHAK	18. AMAN TIWARI
19. HARSH RUHELA	20. AMBRISH KUMAR
21. VASUDEV VERMA	22. AMIT KUMAR MISHRA
23. HIMANSHU CHATURVEDI	24. AMIT TIWARI
25. JAI KISHAN GUPTA	26. ANEESH SEN
27. JAI PRAKASH SHUKLA	28. KRISHNA NAND TIWARI
29. JATA SHANKER	30. ANIL KUMAR VERMA
31. JITENDRA KUMAR DUBEY	32. ANKIT KUMAR YADAV
33. JITENDRA PAL	34. ANSHUL VERMA
35. PRASHANT KUMAR	36. ANURAG PANDEY
37. PRASHANT MISHRA	38. DILEEP KUMAR SINGH
39. RAHUL BAJPAYEE	40. ABHISHEK DWIVEDI
41. RAHUL CHAURASIYA	42. ABHISHEK YADAV
43. RAHUL DUBEY	44. ABHYUDAY SHUKLA
45. RAHUL KUMAR	46. ADARSH KUMAR KASHYAP
47. RAHUL KUMAR VERMA	48. KAMAL OJHA
49. RAHUL MAURYA	50. KAUSHLENDRA PRATAP SINGH
51. RAHUL VERMA	52. KRISHNA KUMAR
53. RAJEEV KUMAR MAURYA	54. KULDEEP VERMA
55. RAJESH KUMAR YADAV	56. MANENDRA PAL
57. RAJNISH KUMAR SAHU	58. SHRI PRAKASH SHUKLA
59. RAM KUSHAL	60. SHUDHANSHU BHUSHAN TIWARI
61. RAMAN SHUKLA	62. SHASHI BHUSHAN SINGH
63. RAVI KUMAR	64. SHESHMANI SHUKLA
65. RITESH TIWARI	66. SHIV SHANKAR TRIVEDI
67. ROHIT KUMAR ARYA	68. SHIVAM SAHU
69. RAJ KUMAR TIWARI	70. SHIVAM SHUKLA
71. ROHIT VIKRAM SHUKLA	72. SHIVAM SINGH
73. SACHIN KUMAR SHUKLA	74. NUTAN SINGH



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GONDA (UP)



**SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE,  
GONDA  
DEPARTMENT OF AGRICULTURE**



**One Day Workshop  
On**

**“BIG DATA ANALYTICS IN AGRICULTURE”**

**Organized on**

**11 May, 2024**



  
**PRINCIPAL**  
SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

**Guest Lecture By:**

Prof. V.N. Rai, Retd. Professor, ANDUA&T, Kumarganj, Ayodhya



SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA

Affiliated

Dr. Ram Manohar Lohia Avadh University, Ayodhya

Department of Agriculture

Organized

One Day Workshop

On

Workshop on

“Big Data Analytics in Agriculture”

11 May, 2024

Open for All  
Students

No Registration  
Fee

Venue: Conference Hall Science Campus, Shri Lal  
Bahdur Shastri Degree College, Gonda

## Speakers

Prof. V.N. Rai, Retd. Professor, ANDUA&T, Kumarganj, Ayodhya

Prof. Ravindra Kumar Pandey, Principal SLBSDC, Gonda

Prof. Sharwan Kumar Shrivastava, HoD, Dptt. Botany, SLBSDC, Gonda

Events		Organizers
Lamp Lighting	D:00am	<b>Petron</b> Prof. Ravindra Kumar Pandey, Principal SLBSDC, Gonda
Saraswati Vandana	D:05am	
Brief Introduction of Workshop	D:10am	<b>Convener</b> Prof. Sharwan Kumar Shrivastava, HoD, Dptt. Botany, SLBSDC, Gonda
Lecture 1: Prof. Ravindra Kumar Pandey	D:15am - 11:30am	
Tea Break	11:30am- 12:00 pm	<b>Co-convener</b> Dr. Rekha Sharma Assistant Professor, Dptt. Botany, SLBSDC, Gonda Dr. Ghanshyam Dwivedi, Assistant Professor, Dptt. Agriculture, SLBSDC, Gonda
Lecture 2: Prof. V. N. Rai	12:00pm- 01:30pm	
Lunch Break	01:30pm- 02:00pm	<b>Organizing Secretary</b> Dr. Smita Singh, Assistant Professor, Dptt. Agriculture, SLBSDC, Gonda
Lecture 3: Prof. Sharwan Kumar Shrivastava	02:00pm- 03:30pm	
Valedictory session	03:30pm to 04:30pm	<b>Joint Organizing Secretary</b> Dr. Vinay Pandey, Assistant Professor, Dptt. Agriculture, SLBSDC, Gonda Dr. Dharmendra Pratap Singh Assistant Professor, Dptt. Agriculture, SLBSDC, Gonda

Department of Agriculture, Shri Lal Bahadur Shastri Degree College, Gonda organised a one-day workshop on “**BIG DATA ANALYTICS IN AGRICULTURE**” on 11, May 2024.

The Chief Guest, Retd. Prof. V. N. Rai, Dptt. of Statistics, Acharya Narendra Dev University of Agriculture and Technology, Kumarganj, Ayodhya stressed on the need for updating and applying the advances in the statistical tools and methodologies over the strong foundation on fundamental statistics.

Delivering the inaugural address, Prof Ravindra Kumar Pandey, Principal, Shri Lal Bahadur Shastri Degree College, Gonda highlighted the importance of the training programme in the context of the increasing role of data sciences and its advanced methodologies.

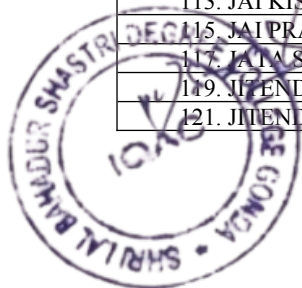
Prof. Sharwan Kumar Srivastava focused on his lecture, Data Analysis / Data Integration, Data Sources / Data Collection/ Data Quality and Use of statistics for policy making & research.

In the Valedictory session, Dr. Smita Singh, organizing secretary of the workshop, concluded the session by giving vote of thanks to all the speakers, students and other individuals presented in the workshop.



## List of Students

1. DILEEP KUMAR SINGH	2. MANISH KASHYAP
3. ABHISHEK DWIVEDI	4. MANOJ KUMAR TIWARI
5. ABHISHEK YADAV	6. MANOJ MISHRA
7. ABHYUDAY SHUKLA	8. MASOOD ANSARI
9. ADARSH KUMAR KASHYAP	10. MOHD NAEEM
11. ADARSH SINGH	12. MOHD SADIQ ALAM
13. ADARSH SINGH	14. MOHIT PANDEY
15. ADARSH SINGH	16. MOHIT YADAV
17. ADARSH SINGH	18. MRITYUNJAY SHUKLA
19. ADARSH SINGH	20. MUKESH SHARMA
21. ADARSH TIWARI	22. NAND DEV PANDEY
23. ADITYA PARATAP SINGH	24. NAVNEET SRIVASTAVA
25. AJAY V ERMA	26. NEERAJ KUMAR PANDEY
27. AJAY VERMA	28. NEERAJ MISHRA
29. AKASH KUMAR MISHRA	30. NEERAJ RAO
31. AKHILESH KUMAR SHUKLA	32. NEERAJ TIWARI
33. AKHILESH KUMAR YADAV	34. NISHANT DUBE
35. ALOK KUMAR TIWARI	36. NITESH KUMAR OJHA
37. AMAN DEEP SINGH	38. NITESH SRIVASTAV
39. AMAN MISHRA	40. NOOR ALAM
41. AMAN PANDEY	42. PANKAJ VERMA
43. AMAN TIWARI	44. PRABHAKAR DWIVEDI
45. AMAN TIWARI	46. PRADEEP KUMAR YADAV
47. AMBRISH KUMAR	48. PRADEEP VERMA
49. AMIT KUMAR MISHRA	50. PRAKHER SHUKLA
51. AMIT TIWARI	52. PRASHANT KUMAR
53. ANEESH SEN	54. PRASHANT MISHRA
55. KRISHNA NAND TIWARI	56. RAHUL BAJPAYEE
57. ANIL KUMAR VERMA	58. RAHUL CHAURASIYA
59. ANKIT KUMAR YADAV	60. RAHUL DUBEY
61. ANSHUL VERMA	62. RAHUL KUMAR
63. ANURAG PANDEY	64. RAHUL KUMAR VERMA
65. ARVIND KUMAR	66. RAHUL MAURYA
67. ASHISH CHAUBEY	68. RAHUL VERMA
69. ASHISH KUMAR PANDEY	70. RAJEEV KUMAR MAURYA
71. ASHISH KUMAR SINGH	72. RAJESH KUMAR YADAV
73. ASHISH TIWARI	74. RAJNISH KUMAR SAHU
75. ASHUTOSH PANDEY	76. RAM KUSHAL
77. AVANISH MAURYA	78. RAMAN SHUKLA
79. AVNEESH GUPTA	80. RAVI KUMAR
81. BHANU PRAKASH TIWARI	82. RITESH TIWARI
83. BRIJESH TIWARI	84. ROHIT KUMAR ARYA
85. DEENA NATH TIWARI	86. RAJ KUMAR TIWARI
87. DEEPAK JAISWAL	88. ROHIT VIKRAM SHUKLA
89. DEEPENDRA KUMAR CHAURASIA	90. SACHIN KUMAR SHUKLA
91. DEV PRAKASH TIWARI	92. SACHIN MISHRA
93. DEWANK MISHRA	94. SACHIN TIWARI
95. DURGESH	96. SAHDEV
97. DURGESH TIWARI	98. SAMRIDH YADAV
99. FAIZAN ALI ANSARI	100. SANDEEP
101. GAURAV MISHRA	102. SANDEEP KUMAR
103. HARISH	104. SANDEEP KUMAR SHUKLA
105. HARSH PATHAK	106. SANDEEP YADAV
107. HARSH RUHELA	108. SANJAY MISHRA
109. VASUDEV VERMA	110. SANJAY VERMA
111. HIMANSHU CHATURVEDI	112. SANJAY YADAV
113. JAI KISHAN GUPTA	114. SATYAM KUMAR
115. JAI PRAKASH SHUKLA	116. SATYENDRA SINGH
117. JYOTA SHANKER	118. SAURABH GUPTA
119. JITENDRA KUMAR DUBEY	120. SAURABH KUMAR VERMA
121. JITENDRA PAL	122. SHAILENDRA PRATAP SINGH



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123. KAMAL OJHA	124. SHASHI BHUSHAN SINGH
125. KAUSHLENDRA PRATAP SINGH	126. SHESHMANI SHUKLA
127. KRISHNA KUMAR	128. SHIV SHANKAR TRIVEDI
129. KULDEEP VERMA	130. SHIVAM SAHU
131. MANENDRA PAL	132. SHIVAM SHUKLA
133. SHRI PRAKASH SHUKLA	134. SHIVAM SINGH
135. SHUDHANSHU BHUSHAN TIWARI	136. NUTAN SINGH



  
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GONDA (UP)



SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA



Report on One-Day Workshop on "Cloud Computing"



SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA

ONE DAY WORKSHOP

# CLOUD COMPUTING

Key Note Speaker Mr. Anurag Tiwari

WEDNESDAY, 09 AUG 2023



  
PRINCIPAL  
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GONDA (UP)



## INTRODUCTION

A one-day workshop on "Cloud Computing" was successfully conducted on Aug 09, 2023, at Shri Lal Bahadur Shastri Degree College, Gonda. The workshop was organized by IQAC and BCA Department specifically for BCA students to enhance their understanding of Cloud Computing.

**Objective of the Workshop:** The primary objective of the workshop was to provide BCA students with a comprehensive understanding of modern technologies. The session aimed to equip students with the knowledge and tools necessary understand BigData Analysis using Cloud Computing.

**Resource Person:** The workshop was led by Mr. Anurag Tiwari, a renowned academician from Dr. Ram Manohar Lohia Awadh University (RMLAU), Ayodhya.

### Key Topics Covered:

#### **Introduction to Cloud Computing:**

The workshop began with a foundational overview of Cloud, defining there importance in today's digital world.

**Cloud Computing fundamentals:** Essential characteristics, Architectural Influences, Technological Influences, and Operational Influences.

**Cloud Computing Architecture:** Cloud Delivery models, The SPI Framework, Cloud Software as a Service (SaaS) , Cloud Platform as a Service(PaaS), Cloud Infrastructure as a Service(IaaS), Cloud deployment models, Public Clouds, Community Clouds, Hybrid Clouds, Alternative Deployment models, Expected benefits.

### Objective:-

1. Articulate the main concepts, key technologies, strengths, limitations of cloud computing and the possible applications for state-of-the-art cloud computing.
2. Identify the architecture and infrastructure of cloud computing, including cloud delivery and deployment models.
3. Analyze the core issues of cloud computing such as security, privacy, and interoperability.
4. Identify problems, analyze, and evaluate various cloud computing solutions.
5. Analyze appropriate cloud





#### Feedback from Participants:

The workshop was highly interactive and well-received by the students. Participants appreciated Mr. Tiwari engaging teaching style and the practical insights he shared. They expressed that the workshop helped them gain a deeper understanding of how cloud computing are formulated and implemented.

#### Conclusion:

The one-day workshop on "Cloud Computing" was a resounding success. It provided an enriching experience for the BCA students of Shri Lal Bahadur Shastri Degree College, Gonda, who gained valuable knowledge and skills that will aid them in their academic and professional journeys. The college extends its heartfelt thanks to Mr. Anurag Tiwari for her enlightening session and hopes to organize more such workshops in the future.

#### Participated Student:

BCA 83 student participated.

STUDENT NAME	STUDENT NAME	STUDENT NAME
ABHAY MISHRA	ABHISHEK MISHRA	ABHIMANYU JAISWAL
ABHISHEK MISHRA	ABHISHEK SRIVASTAVA	ADITYA RAJ
ADARSH VERMA	ADITYA VERMA	AKASH MAURYA
AMAANUL HASAN	AKHAND PRATAP SINGH	AMAN KHAN
ANANT DWIVEDI	ANMOL RAJ	AMRISH MAURYA
ANUBHAV CHAUDHARI	ANUPAM KUMAR VERMA	ANAND SINGH
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ASHISH KUMAR SRIVASTAVA	ASHUTOSH SHUKLA	MANISH DUBEY
AVDHESH KUMAR CHAURASIYA	CHANDAN PANDEY	MD ANAS ANSARI
DEVENDRA TIWARI	DIVYANSH SONI	RAJ KUMAR CHAURASIYA
GAURAV SHUKLA	HARSHIT SRIVASTAVA	SHIVA SHUKLA
KUNAL KASAUDHAN	MOHD UMAR	VIKAS KUMAR
MANOJ KUMAR PAL	NIKHIL SRIVASTAVA	VISHAL MISHRA
NANDU RASTOGI	PRIYANSHU TIWARI	HIMANSHI TRIPATHI
NAYAN KAMAL SHUKLA	SATYAM VISHWAKARMA	RADHA SINGH
SANDEEP PAL	SHIKHAR PANDEY	
SATYAM GUPTA	SHIVAM PATHAK	
SHIVA VISHWAKARMA	SHIVAM TIWARI	
SHIVAM PANDEY	SHIWANG MAURYA	
SHIVAM SINGH	SHRI OM TIWARI	
SUDHANSHU SINGH	SHUBHANKAR TIWARI	
SURAJ KUMAR	SUMIT SHUKLA	
SURYANSH SINGH	SURAJ KUMAR	
UTKARSH TIWARI	SURAJ KUMAR PANDEY	
VIVEK KUMAR	SURAJ MAURYA	
YASH KUMAR	VAIBHAV	
ANJALI PARASHAR	VIVEK MISHRA	
ANSHIKA SINGH	ANANYA MISHRA	
ARPITA DWIVEDI	JAYA MAURYA	
HIMANSHI TRIPATHI	PRANJALI SRIVASTAVA	
NEHA SINGH	SIMRAN	
RADHIKA NAMDEV	SNEHA JAISWAL	
	SUNAINA ANAND	



  
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 SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
 GONDA (UP)



# SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA

Report on One-Day Workshop on "Emerging Trends in Computer"



**Shri Lal Bahadur Shastri Degree College,  
Gonda**

## Emerging Trends in Computers



**Keynote Speaker**  
**Mr. S. N. Kannaujia**



**05 May 2024**



**Principal**  
**SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE**  
**GONDA (UP)**

## INTRODUCTION

A one-day workshop on " Emerging Trends in Computer " was successfully conducted on May 05, 2024, at Shri Lal Bahadur Shastri Degree College, Gonda. The workshop was organized by IQAC and BCA Department specifically for BCA students to enhance their understanding of latest trends in computer.

**Objective of the Workshop:** The primary objective of the workshop was to provide BCA students with a comprehensive understanding of modern technologies. The session aimed to equip students with the knowledge and tools necessary understand using of latest things in computer.

**Resource Person:** The workshop was led by Mr. S. N. Kannaujia, a renowned academician from Lucknow University.

### Key Topics Covered:

#### Artificial Intelligence (AI):

Generative AI and increased focus on explainable AI and ethical considerations.

#### Internet of Things (IoT)

Expansion of IoT devices in various industries and increased focus on cybersecurity

#### Machine Learning (ML)

Continued development of automated machine learning (AutoML)



### Feedback from Participants:

The workshop was highly interactive and well-received by the students. Participants appreciated Mr. Kannaujia engaging teaching style and the practical insights he shared. They expressed that the workshop helped them gain a deeper understanding of how cloud computing are formulated and implemented.

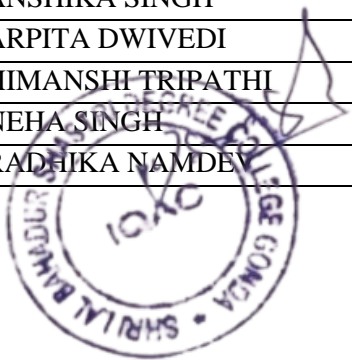
**Conclusion:**

The one-day workshop on "Cloud Computing" was a resounding success. It provided an enriching experience for the BCA students of Shri Lal Bahadur Shastri Degree College, Gonda, who gained valuable knowledge and skills that will aid them in their academic and professional journeys. The college extends its heartfelt thanks to Mr. Anurag Tiwari for her enlightening session and hopes to organize more such workshops in the future.

**Participated Student:**

BCA 74 student participated.

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GAURAV SHUKLA	MOHD UMAR	RAJ KUMAR CHAURASIYA
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NAYAN KAMAL SHUKLA	SHIKHAR PANDEY	HIMANSHI TRIPATHI
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SURAJ KUMAR	SUMIT SHUKLA	
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VIVEK KUMAR	VAIBHAV	
YASH KUMAR	VIVEK MISHRA	
ANJALI PARASHAR	ANANYA MISHRA	
ANSHIKA SINGH	JAYA MAURYA	
ARPITA DWIVEDI	PRANJALI SRIVASTAVA	
HIMANSHI TRIPATHI	SIMRAN	
NEHA SINGH	SNEHA JAISWAL	
RADHIKA NAMDEY	SUNAINA ANAND	



20/11  
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 GONDA (UP)



# 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

**Genomics and Proteomics in Disease**

**Prediction and Risk Assessment**



Conducted

on

**10, October 2023**

  
PRINCIPAL  
SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

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 **Genomics and Proteomics in Disease Prediction and Risk Assessment** on 14, April 2024. The students of M. Sc. II<sup>nd</sup> & IV<sup>th</sup> Semester. Warmly Participated the workshop.

## Invited Speakers:

		
<b>Prof. Ravindra Kumar</b> <b>(Principal)</b>	<b>Dr. Prachi Srivastva</b> Main Speaker Department of Biotechnology Amity University	<b>Dr. S.C. Tripathi</b> Ex- Principal Kisan P.G. Bahraich

A SERIES OF THE LECTURES FOR THE  
STUDENTS OF B.Sc III (BOTONY AND ZOOLOGY)

**Guest speaker** **Dr. Prachi Srivastava**  
Asst. Professor  
Dept. of Biotechnology  
Amity University Lucknow U.P.

**10/10/2023**

**Topic-** Gene to genomics, protein to Proteomics:  
**A Promising Future of Biotechnology**

**Organised by-**

**Prof. S.K. Srivastava**  
Head, Department of Botany

**S.L.B.S DEGREE COLLEGE GONDA**





Schedule	Organizers
First- Session	<b>Patron</b> Prof. Ravindra Kumar
10:00 to 10:15 am Inaugural Session	<b>Convener</b> Prof. S. K. Srivastava
Lecture- Prof. Ravindra Kumar Time- 10:15 to 11:30 am	<b>Organizing Secretary</b> Dr. Rekha Sharma
Main Speaker Dr. Prachi Srivastava Time- 11:30 – 01:30 pm.	<b>Joint Organizing Secretary</b> Dr. Sanjay Kumar Dr. Priyanka Srivastava
Lunch 01:30 pm to 02:00 pm	<b>Member</b> 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. Rekha Sharma. 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 Genetics in human welfare. The main speaker Dr. Prachi Srivastava Delivered her talk among the students and focused on the Topic: **Genomics and Proteomics in Disease Prediction and Risk Assessment**.

After lunch, the second technical session started with the lecture of Dr.S.C.Tripathi on the topic **Tools and techniques in Cytogenetic studies**. The last lecture was delivered by Dr. Sanjay Kumar on Gene Splicing. 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**

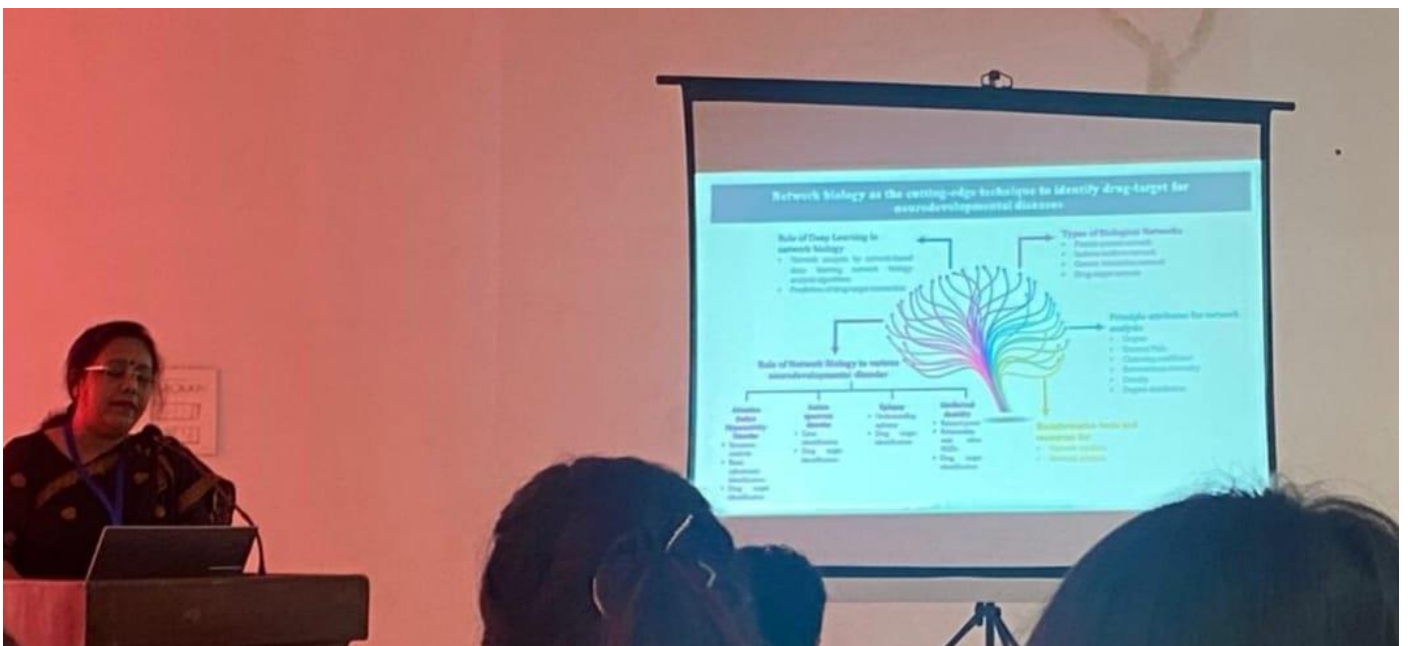
A workshop on genomics and proteomics in disease prediction and risk assessment can have a significant impact in several ways:

1. **Advancements in personalized medicine:** Integrating genomics and proteomics for tailored disease prevention and treatment.
2. **Improved disease prediction:** Enhancing accuracy and reliability of disease prediction models using multi-omics approaches.
3. **Risk assessment and stratification:** Identifying high-risk individuals and developing targeted interventions.
4. **Biomarker discovery:** Uncovering novel biomarkers for early disease detection and monitoring.
5. **Therapeutic target identification:** Revealing new targets for drug development and therapy.
6. **Data analysis and integration:** Developing innovative methods for integrating and analyzing large-scale omics data.
7. **Collaboration and knowledge sharing:** Fostering interdisciplinary collaborations and sharing expertise.
8. **Translational research:** Accelerating the translation of research findings into clinical practice.
9. **Ethical considerations:** Addressing ethical implications of genomics and proteomics in disease prediction and risk assessment.
10. **Capacity building and training:** Enhancing skills and expertise in genomics, proteomics, and bioinformatics among researchers and clinicians.
11. **Informing healthcare policy:** Shaping policy and guidelines for the implementation of genomics and proteomics in healthcare.
12. **Public awareness and education:** Educating the public about the benefits and limitations of genomics and proteomics in disease prediction and risk assessment.

This workshop can drive progress in disease prediction, risk assessment, and personalized medicine, ultimately improving human health.



**Main Speaker Dr. Prachi Srivastava**





**Auditorium**



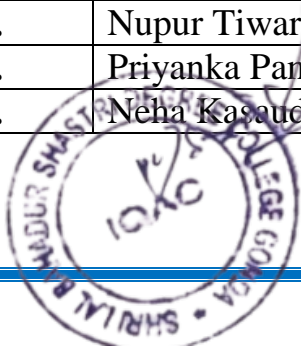
**Dr. S.C. Tripathi**

**LIST OF PARTICIPANTS:****M. Sc. IV<sup>th</sup> 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. II<sup>nd</sup> 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.	Shruti Gupta



SHRI LAL BHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)



# 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**



  
PRINCIPAL  
SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

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. II<sup>nd</sup> & IV<sup>th</sup> Semester. Warmly Participated the workshop.

## Invited Speakers:

		
<p><b>Prof. Ravindra Kumar</b> <b>(Principal)</b></p>	<p><b>Dr. Prachi Srivastva</b> Main Speaker Department of Biotechnology Amity University</p>	<p><b>Dr. N.K. Singh</b> 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><b>Speaker</b> <b>Dr. Prachi Srivastava</b> Asso. Prof Amity Institute of Biotechnology Amity university Lucknow</p>	<p><b>Vinue :</b> Lalita Shastri Sabhagar <b>Time :</b> 11:00 am <b>Date :</b> 14/04/2024</p> <p><b>Prof. S.K. Srivastava</b> (Head Department of Botany) Dr. Rekha Sharma Dr. Sanjay Kumar Dr. Priyanka Srivastava Krishna Mohan Tripathi Drinkal Yadav</p>	 <p><b>Prof. Ravindra Kumar</b> Principal Shri Lal Bahadur Shastri Degree Colleg Gonda-271003</p>
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Schedule	Organizers
First- Session	<b>Patron</b> Prof. Ravindra Kumar
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### 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. II<sup>nd</sup> & IV<sup>th</sup> 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. IV<sup>th</sup> 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 Kumart 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.	Archana Tiwari
16.	Sonam Mishra	33.	Fauzia Ahsan Siddiqui
17.	Mehvish Naz	34.	Ku. Rubee Bharti

**M.Sc. II<sup>nd</sup> 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		



  
**PRINCIPAL**  
SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

# 2024

**SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA**

DEPARTMENT OF CHEMISTRY



A One Day Seminar  
Under Intellectual Property Rights  
Organized  
Department of Chemistry  
On

Health and Hygiene: Understanding the Chemistry  
of Human Body  
(September 16, 2023)

**[ SEMINAR REPORT ]**

A one day seminar under intellectual property rights on  
the Chemistry of Human Body

  
**PRINCIPAL**  
SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

Health and Hygiene: Understanding





SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA

श्री लाल बहादुर शास्त्री डिग्री कॉलेज, गोण्डा

AN AFFILIATED COLLEGE OF DR RAMMANOHAR LOHIA AVADH UNIVERSITY, AYODHYA, (U.P)

## Department of Chemistry

### One day seminar under intellectual property rights (16 Sep 2023)

On

**Health and Hygiene: Understanding the  
Chemistry of Human Body**

**ORGANIZED BY**

**DEPARTMENT OF CHEMISTRY AND IQAC SLBSDC, GONDA**

### Inaugural Lecture

By

**Prof. Mukul Sinha**

(10.30 am to 11.15 am)

High Tea

(11.30 am to 11.45 am)

### Keynote Speakers

Lecture 1 (11.30 am to 12.45 pm)	Lecture 2 (12.45 pm to 1.30 pm)	Lunch Break (1.30 pm To 02.00 pm)	Lecture 3 (2.00 pm to 02.45 pm)	Lecture 4 (2.45 pm to 03.30pm)
Dr. S. K. Gautam Dept. of Chemistry MGPG College Gorakhpur	Prof. M. Ansari Dept. of Chemistry MLK PG College Balrampur		Shishir Tripathi HOD Zology SLBSDC Gonda	Dr. Pushyamitra Mishera Dept. of Chemistry SLBSDC Gonda

## Venue:

Smt. Lalita Shastri Sabhagar, Shri Lal Bahadur Shastri Degree College, Gonda

<b>Chief Patron</b> <b>Varsha Singh</b> Vice-President	<b>Patron</b> <b>Shri Umesh Shah</b> Secretary
<b>President</b> <b>Prof. R. K. Pandey</b> Principal	<b>Convener</b> <b>Dr. Pushymitra Mishra</b> Head, Department of Chemistry
<b>Organizing Secretary</b> <b>Dr. Ravi Prakash Ojha</b> Assistant Professor, Department of Chemistry	<b>Organizing Secretary</b> <b>Dr. Puneet Kumar</b> Assistant Professor, Department of Chemistry

### Organizing Committee

<b>Dr. Dileep Shukla</b> , Assistant Professor, Department of Chemistry	<b>Mr. B. B. Vishwakarma</b> , Assistant Professor, Department of Chemistry	<b>Dr. Manoj Kumar Mishra</b> , Assistant Professor, Department of Chemistry
<b>Mr. Jitendra Kumar</b>	<b>Mr. Shudhir Tiwari</b>	<b>Mr. N. K. Shukla</b>

### Advisory Board: Prof. R. S. Singh Coordinator IQAC

Prof. S. K. Pandey, Head, Deptt. Of Mathematics	Mr. Awadhesh K. Verma, SLBSDC, Gonda
Prof. Jitendra Singh Head, Deptt. Of Physics	Mr. Pawan Kumar Singh, SLBSDC, Gonda
Prof. S. K. Srivastava, Head, Deptt. Of Botany	Dr. Shailesh Kumar, SLBSDC, Gonda
Prof. Vandana Saraswat, SLBSDC, Gonda	Mr. Om Prakash Yadav, SLBSDC, Gonda
Prof. Binod Pratap Singh, SLBSDC, Gonda	Dr. Achyut Shukla, SLBSDC, Gonda
Prof. Aman Chandra, SLBSDC, Gonda	Dr. B. N. Pal SLBSDC, Gonda
Prof. Vijay Kr Agrawal, SLBSDC, Gonda	Dr. Pooja Yadav SLBSDC, Gonda
Prof. Shiv Sharan Shukla, SLBSDC, Gonda	Dr. Mamta Shukla, SLBSDC, Gonda
Prof. B. Singh Baghel, SLBSDC, Gonda	Dr. Raj B. Chaudhary, SLBSDC, Gonda
Prof. Rajeev Kr Agrawal, SLBSDC, Gonda	Dr. Rachna Srivastava, SLBSDC, Gonda
Prof. A. K. Srivastava, SLBSDC, Gonda	Dr. Shailja Singh, SLBSDC, Gonda
Prof. J. B. Pal, SLBSDC, Gonda	Dr. Smriti Shishir, SLBSDC, Gonda
Prof. S. B. Singh, SLBSDC, Gonda	Dr. Neetu Saxena, SLBSDC, Gonda
Prof. V. CH. NK S. Rao, SLBSDC, Gonda	Dr. Manisha Pal, SLBSDC, Gonda
Dr. Chaman Kaur, SLBSDC, Gonda	Dr. Priyanka Srivastava, SLBSDC, Gonda
Dr. Neeraj Yadav, SLBSDC, Gonda	Mr. Abhay Dwivedi, SLBSDC, Gonda
Mr. L. Kalyani, SLBSDC, Gonda	Mr. Shobhit Maurya, SLBSDC, Gonda
Dr. Smita Singh, SLBSDC, Gonda	Dr. Harish Kr. Shukla, SLBSDC, Gonda
Dr. Dharmendra Pratap Singh, SLBSDC, Gonda	Ms. Anuradha Gupta, SLBSDC, Gonda
Prof. Sandeep Kumar Srivastava, SLBSDC, Gonda	Dr. Arun Pratap Singh, SLBSDC, Gonda
Dr. Vinay Kumar Pandey, SLBSDC, Gonda	Dr. Dalip Kumar, Singh SLBSDC, Gonda
Dr. Ajeet Kumar Mishra, SLBSDC, Gonda	Dr. Ramint Patel, SLBSDC, Gonda

**A One Day Seminar  
Under Intellectual Property Rights  
Organized  
Department of Chemistry**

**On  
Health and Hygiene: Understanding the Chemistry of Human Body  
(Sep 16, 2023)**

The aim of the workshop was to explain & demonstrate the importance of maintaining good health & hygiene practice and the importance of comprehensive cleaning to maintain a good health and a better personality in the society, The other objectives of this seminar were to study the current practices related to the various aspects of Health and Hygiene: Understanding the Chemistry of Human Body among students , staff and locals for human wellbeing. The other purpose is to provide some suggestions and recommendations to improve the health and hygiene practices in rural/urban areas. This report is based on secondary research as per the suggestions given by speakers. Existing reports related to health issues and recommendations of dietarians /nutrition experts /consultants/government accountability agencies/key health experts/ for improving the human health were discussed. It offers deep knowledge about the various ways to keep our body healthy and initiatives in India and find out the scope for improvement in the physical and mental health of our society. The seminar attempts to understand the important role students, staff and teachers in HEIs along with the role played by the formal sector engaged in health sectors in our country. This work is original and could be further extended.

Introduction Personal hygiene is important for many reasons, for instance, to have a better personality, good health, for social reasons and for psychological issues. Good hygiene prolongs a nice image of an individual in a society. Emphasizing on good personal hygiene can reduce a risk of many social, mental, and health problems. Good personal hygiene is as simple as hand washing which can reduce the excess of illnesses, infections, and disorders. In a social situation a clean and tidy appearance can boost one's confidence and reflects a positive image of that individual to others. It is more frequently noticed that a clean and tidy person usually gets more attention in a public platform and people usually tends to trust him/her more. Unhygienic people are mostly avoided by others and most of the time the stress level of unhygienic people is high as compared to hygienic people. So to keep ourselves socially, mentally, and physically healthy it is important to be dirt free and should maintain a hygienic lifestyle.

Prof. M. Ansari teach about the diseases like Cholera, Cornice, Diabetes, Hebetates, Typhoid, Dehydration and how to prevent in an early stage and if it is happen then how to Diagnosis and rehabilitate through treatment. He said prevention is better than cure and better to be healthy we must have to maintained good health & balanced diet. To remain healthy and hygiene one should remain physically fit and regular workout, Yoga, Meditation and sound sleep. Dr. Shishir Tripathi explained the release of different hormones in our body and their effects. Dr. Gautam

emphasized on less use of medicines for better health and finally Dr. Mishra gave the conclusive lecturer on reducing our dependence on medicines explaining their side effects and asked everyone to heal themselves from natural processes.

The speakers explained the following are objectives of the Workshop Promoting Good Health & Hygiene practice in everyday life.

- Awareness about the importance of personal hygiene.
- To teach the social importance of personal hygiene to maintain a hygienic lifestyle.
- Encourage the participants to take responsibility for their health and cleanness in a friendly environment to remain mentally, physically and socially healthy.
- Teach the participants how to take care of hand, body, tooth, foot, and clothes hygiene in day to day life in the presence and absence of certain facilities.

### **Impact of the Workshop**

- Participants were excited to make use of the acquired knowledge from the session about health & hygiene in their daily life to maintain a better social, mental, and physical health.
- Participants were happy to share the basic information about health & hygiene to young ones back at their home and in their neighborhood to maintain a healthy society in their communities.
- This session helps the participants to enhance good habits and make them a better person in a certain society.
- This session was also helpful to teach the participants many ways to get rid of infectious illnesses and contiguous disorders while maintaining a hygienic lifestyle.

<b>No. of Students Participated</b>	<b>No. of Teachers and staff Participated</b>	<b>No. of locals Participated</b>	<b>Total No. of Participations</b>
<b>357</b>	<b>49</b>	<b>97</b>	<b>503</b>





Sr. No.	List Of Participant	
1	PRASHANT SINGH	M.Sc-Chemistry Semester-1
2	AKEESH KUMAR SONKAR	M.Sc-Chemistry Semester-1
3	DIVYANSHI SINGH	M.Sc-Zoology Semester-1
4	Pankhuri Srivastava	M.Sc-Maths Semester-1
5	SAKSHI GUPTA	M.Sc-Zoology Semester-1
6	RINKU SHUKLA	M.Sc-Maths Semester-1
7	neha pandey	M.Sc-Maths Semester-1
8	SHREYA PATHAK	M.Sc-Physics Semester-1
9	anshika srivastava	M.Sc-Physics Semester-1
10	rajvardhan singh	M.Sc-Physics Semester-1
11	hamza nabeel	M.Sc-Maths Semester-1
12	MAHFOOZ AHMAD	M.Sc-Physics Semester-1
13	MADHU	M.Sc-Physics Semester-1
14	noor tuba ansari	M.Sc-Physics Semester-1
15	Vivek Kumar yadav	M.Sc-Botany Semester-1
16	komal maurya	M.Sc-Maths Semester-1
17	SONALI VERMA	M.Sc-Physics Semester-1
18	amit kumar singh	M.Sc-Botany Semester-1
19	ASHUTOSH MISHRA	M.Sc-Chemistry Semester-1
20	SAUMYA SINGH	M.Sc-Chemistry Semester-1
21	ALOK MISHRA	M.Sc-Zoology Semester-1
22	MAHENDRA KUMAR GUPTA	M.Sc-Maths Semester-1
23	MONIKA VERMA	M.Sc-Physics Semester-1
24	ANKIT	M.Sc-Chemistry Semester-1
25	PRAGATI TIWARI	M.Sc-Zoology Semester-1
26	KRITIKA SRIVASTAVA	M.Sc-Maths Semester-1
27	JITENDRA CHAUHAN	M.Sc-Physics Semester-1
28	GIRIJA SHANKAR TIWARI	M.Sc-Chemistry Semester-1
29	rajni shamra	M.Sc-Zoology Semester-1
30	NANDITA SINGH	M.Sc-Physics Semester-1
31	PRASHANT MISHRA	M.Sc-Physics Semester-1
32	abhinav mishra	M.Sc-Maths Semester-1
33	DHARMENDRA KUMAR MISHRA	M.Sc-Maths Semester-1
34	KAJAL PANDAY	M.Sc-Zoology Semester-1
35	alok shukla	M.Sc-Chemistry Semester-1
36	SUBHI SHARMA	M.Sc-Physics Semester-1
37	ved prakash	M.Sc-Maths Semester-1
38	JAYA PANDEY	M.Sc-Zoology Semester-1
39	AYUSHI SINGH	M.Sc-Chemistry Semester-1
40	RAKESH KUMAR PRAJAPATI	M.Sc-Maths Semester-1
41	SHALINI GIRI	M.Sc-Zoology Semester-1
42	RUSHDA FATIMA	M.Sc-Physics Semester-1
43	VISHAL MISHRA	M.Sc-Physics Semester-1
44	sarvesh kumar shukla	M.Sc-Physics Semester-1
45	Ananya mishra	M.Sc-Zoology Semester-1
46	pankaj kumar maurya	M.Sc-Physics Semester-1

47	PRAGYA SRIVASTAVA	M.Sc-Physics Semester-1
48	SUMIT	M.Sc-Zoology Semester-1
49	Vishakha Dubey	M.Sc-Zoology Semester-1
50	subhangi shukla	M.Sc-Physics Semester-1
51	ABHISHEK KUMAR	M.Sc-Zoology Semester-1
52	PRIYANKA SHUKLA	M.Sc-Zoology Semester-1
53	SHANTI KASHYAP	M.Sc-Zoology Semester-1
54	BEENU TIWARI	M.Sc-Zoology Semester-1
55	ANAND MISHRA	M.Sc-Maths Semester-1
56	fiza salmani	M.Sc-Zoology Semester-1
57	pratishtha srivastava	M.Sc-Maths Semester-1
58	SONIYA JAISWAL	M.Sc-Maths Semester-1
59	ARPITA SINGH	M.Sc-Botany Semester-1
60	ASHRAH MERAJ	M.Sc-Chemistry Semester-1
61	PRACHI OJHA	M.Sc-Botany Semester-1
62	TRIBHAWAN KUMAR TIWARI	M.Sc-Maths Semester-1
63	Shiv prasad	M.Sc-Maths Semester-1
64	mahvish quadri	M.Sc-Physics Semester-1
65	NISHU YADAV	M.Sc-Botany Semester-1
66	TOSHI YAGYASENI	M.Sc-Zoology Semester-1
67	arpita srivastava	M.Sc-Maths Semester-1
68	vibha sharma	M.Sc-Physics Semester-1
69	DIPALI SINGH	M.Sc-Chemistry Semester-1
70	Manisha shukla	M.Sc-Physics Semester-1
71	VINAY KUMAR YADAV	M.Sc-Maths Semester-1
72	SAUMYA SINGH	M.Sc-Zoology Semester-1
73	ANAM SIDDIQUI	M.Sc-Chemistry Semester-1
74	Vivek Kaushal	M.Sc-Maths Semester-1
75	sadiya siddiqui	M.Sc-Zoology Semester-1
76	MANJU RANI	M.Sc-Maths Semester-1
77	VAATIKA SINGH	M.Sc-Zoology Semester-1
78	garima mishra	M.Sc-Chemistry Semester-1
79	MANSI	M.Sc-Zoology Semester-1
80	Anchal Pandey	M.Sc-Chemistry Semester-1
81	SHRESHTHA MISHRA	M.Sc-Botany Semester-1
82	Muskan jaiswal	M.Sc-Zoology Semester-1
83	sarvesh mishra	M.Sc-Maths Semester-1
84	NARAYAN DUTT SONKAR	M.Sc-Zoology Semester-1
85	Mansi Singh	M.Sc-Maths Semester-1
86	SHIVAM KUMAR MISHRA	M.Sc-Maths Semester-1
87	PREETI PANDEY	M.Sc-Botany Semester-1
88	Parul shukla	M.Sc-Botany Semester-1
89	VIKAS ADHIKARI	M.Sc-Botany Semester-1
90	laxmi yadav	M.Sc-Botany Semester-1
91	SHIVA VERMA	M.Sc-Maths Semester-1
92	NIHARIKA SHUKLA	M.Sc-Botany Semester-1
93	BAJRANG LAL YADAV	M.Sc-Chemistry Semester-1

94	komal	M.Sc-Zoology Semester-1
95	SANDIP KUMAR MAURYA	M.Sc-Botany Semester-1
96	RAJA MISHRA	M.Sc-Chemistry Semester-1
97	UZMA YASMEEN	M.Sc-Botany Semester-1
98	POOJA DEVI	M.Sc-Botany Semester-1
99	vikash kumar mishra	M.Sc-Chemistry Semester-1
100	AKHILESH	M.Sc-Botany Semester-1
101	MUKESH KUMAR GUPTA	M.Sc-Maths Semester-1
102	GYANESH KUMAR VERMA	M.Sc-Physics Semester-1
103	nidhi shukla	M.Sc-Chemistry Semester-1
104	ISHWAR DAYAL TIWARI	M.Sc-Maths Semester-1
105	ANUSHKA	M.Sc-Zoology Semester-1
106	nanbabu mishra	M.Sc-Chemistry Semester-1
107	MANISH CHANDRA DUBEY	M.Sc-Botany Semester-1
108	SHYAMU YADAV	M.Sc-Physics Semester-1
109	rajesh kumar vishwakarma	M.Sc-Chemistry Semester-1
110	NUPUR TIWARI	M.Sc-Botany Semester-1
111	PRIYANKA PANDEY	M.Sc-Botany Semester-1
112	NEHA KASAUDHAN	M.Sc-Botany Semester-1
113	ONKAR NATH MISHRA	M.Sc-Physics Semester-1
114	HANIFA ISLAM	M.Sc-Zoology Semester-1
115	SAMAR FATIMA	M.Sc-Chemistry Semester-1
116	SONI PANDEY	M.Sc-Botany Semester-1
117	SHIVANGI BALMIKI	M.Sc-Botany Semester-1
118	MONU SHUKLA	M.Sc-Botany Semester-1
119	RAJEEV KUMAR PANDEY	M.Sc-Chemistry Semester-1
120	Hitesh Kumar Shukla	M.Sc-Maths Semester-1
121	Saksham mishra	M.Sc-Chemistry Semester-1
122	CHANDRA PRAKASH	M.Sc-Botany Semester-1
123	anjali	M.Sc-Botany Semester-1
124	DEEPTI	M.Sc-Zoology Semester-1
125	satyam dubey	M.Sc-Maths Semester-1
126	mohini gupta	M.Sc-Botany Semester-1
127	SHAMBHAVI SRIVASTAVA	M.Sc-Maths Semester-1
128	SURYA PRAKASH CHATURVEDI	M.Sc-Chemistry Semester-1
129	VIKASH UPADHYAY	M.Sc-Maths Semester-1
130	priyanka singh	M.Sc-Botany Semester-1
131	VAIBHAV SONI	M.Sc-Chemistry Semester-1
132	afza siddiqui	M.Sc-Zoology Semester-1
133	SHAILJA SINGH	M.Sc-Physics Semester-1
134	ANTIMA SINGH	M.Sc-Zoology Semester-1
135	DEVESH KUMAR MISHRA	M.Sc-Physics Semester-1
136	SAVITA KUMARI	M.Sc-Zoology Semester-1
137	SHUBHANGI MISHRA	M.Sc-Zoology Semester-1
138	DIVYANSHI PANDEY	M.Sc-Zoology Semester-1
139	MAMTA TIWARI	M.Sc-Chemistry Semester-1
140	SHUBHAM KUMAR TIWARI	M.Sc-Maths Semester-1

141	GAURAV SINGH	M.Sc-Chemistry Semester-1
142	AYUSHI SINGH	M.Sc-Zoology Semester-1
143	SUSHMA PRJAPATI	M.Sc-Botany Semester-1
144	VISHAL	M.Sc-Botany Semester-1
145	ANSHIKA RASTOGI	M.Sc-Zoology Semester-1
146	ROLI MISHRA	M.Sc-Zoology Semester-1
147	Mohit Kumar Shukla	M.Sc-Zoology Semester-1
148	YOGESH KUMAR PANDEY	M.Sc-Chemistry Semester-1
149	GAURAV DIWEDI	M.Sc-Maths Semester-1
150	AVINASH DUBEY	M.Sc-Botany Semester-1
151	DIVYA MISHRA	M.Sc-Botany Semester-1
152	LAKSHMI MISHRA	M.Sc-Botany Semester-1
153	SONALI PATHAK	M.Sc-Botany Semester-1
154	EKTA SINGH	M.Sc-Botany Semester-1
155	INSHA ANSARI	M.Sc-Botany Semester-1
156	ANJALI SINGH	M.Sc-Maths Semester-1
157	SAMEER MAURYA	M.Sc-Maths Semester-1
158	SHRUTI PANDEY	M.Sc-Botany Semester-1
159	RUPALI SHUKLA	M.Sc-Botany Semester-1
160	BASHISHTH NARAYAN TIWARI	M.Sc-Physics Semester-1
161	SANA	M.Sc-Zoology Semester-1
162	NEERAJ DUBEY	M.Sc-Botany Semester-1
163	PREETI KANAUIYA	M.Sc-Zoology Semester-1
164	ASHUTOSH TIWARI	M.Sc-Chemistry Semester-1
165	DEEPIKA PANDEY	M.Sc-Chemistry Semester-1
166	SANDHYA YADAV	M.Sc-Physics Semester-1
167	SRISHTI GUPTA	M.Sc-Botany Semester-1
168	Km nitin srivastava	M.Sc-Chemistry Semester-1
169	akanksha maurya	M.Sc-Physics Semester-1
170	dushyant pandey	M.Sc-Physics Semester-1
171	ARTI SHARMA	M.Sc-Physics Year-2
172	aSHSIH PANDEY	M.Sc-Physics Year-2
173	PRIYANSHU MISHRA	M.Sc-Botany Semester-3
174	VANDANA TIWARI	M.Sc-Zoology Semester-3
175	akansha singh	M.Sc-Zoology Semester-3
176	SHALU SINGH	M.Sc-Botany Semester-3
177	siddhartha singh	M.Sc-Zoology Semester-3
178	SONAL CHATURVEDI	M.Sc-Zoology Semester-3
179	VASHNAVI PANDEY	M.Sc-Botany Semester-3
180	sonam sahu	M.Sc-Zoology Semester-3
181	ROHINI SINGH	M.Sc-Maths Semester-3
182	SRISTI MISHRA	M.Sc-Physics Semester-3
183	SANIYA BEGAM	M.Sc-Zoology Semester-3
184	sugandha raj srivastava	M.Sc-Zoology Semester-3
185	MOHD IRFAN	M.Sc-Maths Semester-3
186	neelam verma	M.Sc-Physics Semester-3
187	NIDA KHATOON	M.Sc-Zoology Semester-3

188	MUKESH KUMAR MISHRA	M.Sc-Maths Semester-3
189	SHUDHA SINGH	M.Sc-Botany Semester-3
190	KM RAGINI TIWARI	M.Sc-Botany Semester-3
191	HANUMENDRA PRATAP SINGH	M.Sc-Maths Semester-3
192	POOJA MAURYA	M.Sc-Physics Semester-3
193	JYOTI JAISWAL	M.Sc-Physics Semester-3
194	ARHAM RAFI	M.Sc-Botany Semester-3
195	RESHMA BANO	M.Sc-Botany Semester-3
196	ANJALI GUPTA	M.Sc-Botany Semester-3
197	DIVYANSHI SRIVASTAVA	M.Sc-Botany Semester-3
198	kajal maurya	M.Sc-Physics Semester-3



  
**PRINCIPAL**  
SHRI LAL BHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)



# Shri Lal Bahadur shastri Deree College Gonda

## One Day Workshop on Research methodology

Conducted on  
28, April 2024

### Detailed Report

The Internal Quality Assurance Cell and Department of Botany, Commerce & Mathematics of Shri Lal Bahadur Shastri Degree College, Gonda jointly organised a one-day workshop on Research Methodology on 28, April 2024. The research scholars of these three departments attended the workshop.

### Invited Speakers



#### **Prof. Vinay Saxena**

Principal, Kisan Post Graduate College, Bahraich



#### **Prof. Ravindra Kumar**

Principal, Shri Lal Bahadur Shastri Degree College, Gonda



#### **Prof. J.N. Mishra**

Professor, Dept. of Mathematics,  
Ganpat Sahai P.G. College, Sultanpur





# Shree Lal Bahadur Shastri Degree College, Gonda

Affiliated to

Dr. RammanoharLohia Avadh University, Ayodhya

The Internal Quality Assurance Cell

and

Department of Botany, Commerce & Mathematics

Are jointly organizing

One Day Seminar on

**Research Methodology**

28 April 2024

No Registration  
Fee

**Venue: Conference Hall, Science Campus, SLBSDC,  
Gonda**

**Target Audience: Research Scholars and PG students of all subjects**

## Speakers

Prof. J.N. Mishra, Dept. of Mathematics, GanpatSahaai P.G. College, Sultanpur

Prof. Vinay Saxena, Principal, Kisan Degree College, Bahraich

Prof. Ravindra Kumar, Principal, Shree Lal Bahadur Shastri Degree College, Gonda

Schedule	Organizers
10:00-10:15 am Inaugural Session	Patron Prof. Ravindra Kumar, Principal, SLBSDC, Gonda
Lecture 01 (10:15-11:30) Prof. Ravindra Kumar	Convener Prof. Ram Samujh Singh, IQAC Coordinator
Lecture 02 (11:30 am -12:30 pm) Prof. J.N. Mishra	Co-conveners Prof. B.P. Singh, Head, Dept. of Commerce Prof. Sanjay Kumar Pandey, Dept. of Mathematics Prof. Sharwan Kumar Srivastava, Dept. of Botany
Lecture 03 (12:30-1:15pm) Prof. S.K. Srivastava	Organizing Secretary Mr. Manish Sharma, Department of Mathematics
1:15-1:45 Lunch	Joint organizing Secretary Dr. Rekha Sharma, Dept. of Botany Dr. Pushymitra Mishra, Dept. of Chemistry Mr. Shishir Tripathi, Dept. of Zoology
Lecture 04 (1:45-2:30) Prof. Vinay Saxena	
Lecture 05 (2:30-3:30 pm) Prof. S.K. Pandey	
Lecture 06 (3:30-4:15 pm) Prof. B.P. Singh	
4:15-4:30 Tea Time	
4:30 Closing session	

## **Activities of the workshop**

The inaugural session started by lightening the lamp on the statue of Goddess Sarswati. At 10:00 am technical session started with the welcome speech by Prof. B.P.Singh. He introduced the attendees with the schedule and timeline of the workshop.

In the first session Prof. Ravindra Kumar delivered a lecture on research methodology with special emphasis on life sciences. Soon after, Prof. S.K. Srivastava presented his talk among the students and focused on the use of laboratory apparatus in the research.

In the second session, Prof. J.N.Mishra delivered his lecture and explained the students about the scope of research methodology through a flow chart. He also demonstrated the students some recent development in the field of mathematics.

After lunch, the second technical session started with the lecture of Prof. Vinay Saxena. He presented the details of some free and open-source software which paly the important role in the research journey of every scholar. Prof. Saxena explained the students about the plagrism and the proper way to use the references. In last, Prof. Sanjay Kumar Pandey talked with the students about DO's and DON'T's during the research journey of any scholar.

In the last, Mr. Manish Sharma, organizing secretary of the workshop, concluded the session by giving vote of thanks to all the speakers, students and other individuals presented in the workshop.

## **Impact of the Workshop**

Total 48 candidates including research scholars of the above three departments and PG students of Mathematics participated in the workshop. After attending this workshop, research scholars and PG students will be well introduced with the software that will be useful in their research. They have learned the theory and consequences of plagiarism. They will be well acquainting with the research techniques e.g. data analysis, analysis of lab readings and reports, drawing different charts and graphs using various software.



## List of participants

1. Ratnesh Kumar, Research Scholar, Dept. of Botany	25. Mukesh Kumar Mishra M.Sc. IV Sem Mathematics
2. Narendra Verma, Research Scholar, Dept. of Botany	26. Lavkush Sharma M.Sc. IV Sem Mathematics
3. Mohan Pandey, Research Scholar, Dept. of Botany	27. Gaurav Kumar Tiwari M.Sc. IV Sem Mathematics
4. Gulam Ahmad Siddiqui, Research Scholar, Dept. of Botany	28. Durgesh Kumar Yadav M.Sc. IV Sem Mathematics
5. Swati Diwedi, Research Scholar, Dept. of Botany	29. Hanumendra Pratap Singh M.Sc. IV Sem Mathematics
6. Mahendra Prasad Verma, Research Scholar, Dept. of Botany	30. Jitendra Verma M.Sc. IV Sem Mathematics
7. Rakesh Kumar Prajapati, Research Scholar, Dept. of Botany	31. Sanjay Kumar Sahu M.Sc. IV Sem Mathematics
8. Sooraj Prasad, Research Scholar, Dept. of Mathematics	32. Anand Mishra, M.Sc. IInd Sem Mathematics
9. Akhilesh Kumar Rai, Research Scholar, Dept. of Mathematics	33. Sameer Maurya M.Sc. IInd Sem Mathematics
10. Ayush Saini, Research Scholar, Dept. of Mathematics	34. Satyam Dubey, M.Sc. IInd Sem Mathematics
11. Badri Vishal Singh, Research Scholar, Dept. of Mathematics	35. Shiv Prasad, M.Sc. IInd Sem Mathematics
12. Deepa Chaudhary, Research Scholar, Dept. of Mathematics	36. Sarvesh Kumar Mishra, M.Sc. IInd Sem Mathematics
13. Komal Gupta, Research Scholar, Dept. of Mathematics	37. Vikas Upadhyay, M.Sc. IInd Sem Mathematics
14. Rahul Mishra, Research Scholar, Dept. of Mathematics	38. Mukesh Kumar Mishra, M.Sc. IInd Sem Mathematics
15. Shubhi Pandey, Research Scholar, Dept. of Mathematics	39. Vinay Kumar Yadav, M.Sc. IInd Sem Mathematics
16. Pravendra Pal Singh, Research Scholar, Dept. of Mathematics	40. Vivek Kaushal, M.Sc. IInd Sem Mathematics
17. Manoj Kumar, Research Scholar, Dept. of Commerce	41. Anjali Singh, M.Sc. IInd Sem Mathematics
18. Drishti Jaiswal, Research Scholar, Dept. of Commerce	42. Arpita Srivastava, M.Sc. IInd Sem Mathematics
19. Rohini Singh M.Sc. IV Sem Mathematics	43. Kritika Srivastava, M.Sc. IInd Sem Mathematics
20. Laxmi Maurya M.Sc. IV Sem Mathematics	44. Pratishtha Srivastava, M.Sc. IInd Sem Mathematics
21. Akanksha Mishra M.Sc. IV Sem Mathematics	45. Sonia Jaiswal, M.Sc. IInd Sem Mathematics
22. Shalini Singh M.Sc. IV Sem Mathematics	46. Himanshi Singh, M.Sc. IInd Sem Mathematics
23. Shalini Shukla M.Sc. IV Sem Mathematics	47. Neha Pandey, M.Sc. IInd Sem Mathematics
24. Kavita Arya M.Sc. IV Sem Mathematics	48. Vinay Kumar Yadav, M.Sc. IInd Sem Mathematics

## Some images during the workshop



PRINCIPAL  
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GONDA (UP)



# **Shri Lal Bahadur shastri Deree College, Gonda,U.P.**

## **One Day Workshop**

on

## **Micro Teaching**

Conducted on

**18, May-2024**

### **Detailed Report: -**

The Internal Quality Assurance Cell and Department of B.Ed., of Shri Lal Bahadur Shastri Degree College, Gonda jointly organized a one-day workshop on Micro Teaching on 18, May 2024. The B.Ed. scholars of the department attended the workshop.

### **Invited Speakers:**



**Dr. Surendra Pal Singh**

Assistant Professor, D.S. College, Aligarh, U.P



**Prof. Ravindra Kumar**

Principal, Shri Lal Bahadur Shastri Degree College, Gonda

# Shree Lal Bahadur Shastri Degree College, Gonda, (U.P)

Affiliated to

Dr. Rammanohar Lohia Avadh University, Ayodhya

**The Internal Quality Assurance Cell**

and

Department of B.Ed. Are jointly organizing

One Day workshop on

## **MICRO TEACHING**

18 May 2024

Venue: Conference Hall, Science Campus, SLBSDC,  
Gonda

Target Audience: B.Ed. Students

**Speaker:**

**Dr. Surendra Pal Singh**

Assistant Professor, D.S. College, Aligarh, U.P

**Prof. Ravindra Kumar**

**Principal**

Shree Lal Bahadur Shastri Degree College, Gonda

### **Schedule**

### **Organizer**

10:00- 10:15 am Inaugural Session

Lecture 01 (10:15-11:30) Prof. Shyam Bahadur Singh

Lecture 02 (11:30- am – 12:30) Dr. Surendra Pal Singh

Lecture 03 (12:30-01:15pm) Prof. S.K. Shrivastava

01:15 -01:15 pm Lunch

Lecture 04 (01:15- 03-00pm) Dr. Surendra Pal Singh

Lecture 05 (03:00- 04:00pm )Dr. Neeraj Yadav

04:00 -04:15 Tea Time

04:15 Closing Session

**Patron**

**Prof. Ravindra Kumar**

**Principal**

Shree Lal Bahadur Shastri Degree College, Gonda

**Convener**

Prof. Ram Samujh Singh

**Co- Convener**

Prof. Shyam Bahadur Singh

Prof. Sandeep Kumar Shrivastava

**Organizing Secretary**

Dr. Neeraj Yadav

Dr. Lohans Kumar Kalyani

## Workshop Report on Micro Teaching

Date: [18,May 2024]

Venue: [Lalita Shastri Conference Hall]

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### **Inaugural Session (10:00 - 10:15 AM)**

The workshop on Micro Teaching began with a brief inaugural session. The session was opened by Prof. Ravindra Kumar who welcomed all the participants and speakers. The importance of micro-teaching in the professional development of educators was emphasized, highlighting how it serves as a powerful tool for improving teaching skills through practice and feedback.

### **Lecture 01 (10:15 - 11:30 AM): Prof. Shyam Bahadur Singh**

Prof. Shyam Bahadur Singh delivered the first lecture, focusing on the fundamentals of micro-teaching. He covered the history, concept, and significance of micro-teaching in teacher education. The session was interactive, with participants engaging in discussions about the various components of a micro-teaching session, including planning, teaching, and feedback. Prof. Singh also shared insights on how micro-teaching can be applied in diverse educational settings to enhance teaching effectiveness.

### **Lecture 02 (11:30 AM - 12:30 PM): Dr. Surendra Pal Singh**

Dr. Surendra Pal Singh took the second lecture, where he delved deeper into the practical aspects of micro-teaching. He provided a step-by-step guide on how to design and execute a micro-teaching session. Dr. Singh emphasized the importance of selecting appropriate teaching objectives, choosing relevant content, and employing effective teaching methods. He also discussed the role of peer feedback in the micro-teaching process and how it can be used to refine teaching strategies.

### **Lecture 03 (12:30 - 01:15 PM): Prof. S.K. Shrivastava**

The third lecture, led by Prof. S.K. Shrivastava, focused on the assessment and evaluation of micro-teaching sessions. Prof. Shrivastava explained various criteria that can be used to evaluate a micro-teaching session, including clarity of presentation, engagement of learners, and effectiveness of the teaching method used. He also shared examples of assessment tools and techniques that can be used to provide constructive feedback to teachers during micro-teaching sessions.

### **Lunch Break (01:15 - 01:15 PM)**

A lunch break was provided for participants to refresh and network with one another.

### **Lecture 04 (01:15 - 03:00 PM): Dr. Surendra Pal Singh**

After lunch, Dr. Surendra Pal Singh resumed with the fourth lecture, which was a hands-on session. Participants were divided into small groups and assigned micro-teaching tasks. Each group was asked to prepare and deliver a short teaching session, followed by peer feedback and self-reflection. Dr. Singh facilitated the session, offering guidance and support as participants



practiced their teaching skills.

#### **Lecture 05 (03:00 - 04:00 PM): Dr. Neeraj Yadav**

The final lecture of the day was conducted by Dr. Neeraj Yadav, who discussed advanced techniques in micro-teaching. Dr. Yadav introduced participants to innovative teaching strategies and technologies that can be integrated into micro-teaching sessions. He also highlighted the importance of continuous professional development and encouraged participants to incorporate micro-teaching into their regular teaching practice.

#### **Tea Time (04:00 - 04:15 PM)**

A short tea break was provided to allow participants to relax and prepare for the closing session.

#### **Closing Session (04:15 PM)**

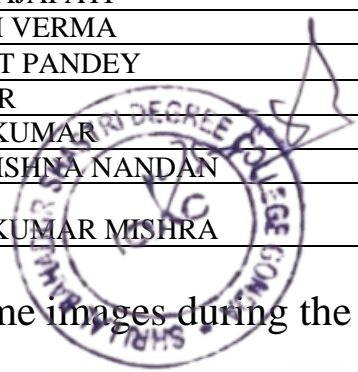
The workshop concluded with a closing session, where participants shared their experiences and insights gained from the day. Dr. Lohans Kumar Kalyani delivered the closing remarks, expressing gratitude to the speakers and participants for their active involvement. Certificates of participation were distributed, and the workshop officially ended on a positive note, with participants expressing their intent to apply the skills learned in their teaching practice.

### **Impact of the Workshop**

The workshop on Micro Teaching had a significant impact on the participants, providing them with practical insights into effective teaching practices. Through a combination of lectures and hands-on sessions, participants gained a deeper understanding of the micro-teaching process, including planning, execution, and feedback. The interactive nature of the workshop allowed educators to engage in peer discussions, share experiences, and learn from one another.

Participants reported increased confidence in their teaching abilities and a clearer understanding of how to implement micro-teaching in their classrooms. The workshop also emphasized the importance of continuous professional development, encouraging educators to refine their teaching methods regularly. By the end of the workshop, participants expressed a strong commitment to applying the techniques and strategies learned, with many planning to integrate micro-teaching into their regular teaching practice to enhance student engagement and learning outcomes.

List of participants	
1. RAM NARESH GUPTA	2. RAM NARESH GUPTA
3. ABHINAV MISHRA	4. ABHINAV MISHRA
5. IFTIKHAR AHMAD	6. IFTIKHAR AHMAD
7. HARI OM MISHRA	8. HARI OM MISHRA
9. SWATI SINGH	10. SWATI SINGH
11. MUKESH	12. MUKESH
13. NAIMA FATIMA	14. NAIMA FATIMA
15. SURAJNATH TIWARI	16. SURAJNATH TIWARI
17. SAKSHI DWIVEDI	18. SAKSHI DWIVEDI
19. GYANESHWAR PATHAK	20. GYANESHWAR PATHAK
21. SAVITA	22. SAVITA
23. PRIYANKA GUPTA	24. PRIYANKA GUPTA
25. NEERAJ PANDEY	26. NEERAJ PANDEY
27. GARIMA KASOUDHAN	28. GARIMA KASOUDHAN
29. ANKESHWAR SAHU	30. ANKESHWAR SAHU
31. RAHUL PATEL	32. RAHUL PATEL
33. RAVI PRAJAPATI	34. RAVI PRAJAPATI
35. MUKESH VERMA	36. MUKESH VERMA
37. SUSHANT PANDEY	38. SUSHANT PANDEY
39. SUBEDAR	40. SUBEDAR
41. DILEEP KUMAR	42. DILEEP KUMAR
43. RAM KRISHNA NANDAN	44. RAM KRISHNA NANDAN
45. ANOOP KUMAR MISHRA	46. ANOOP KUMAR MISHRA



*Signature*  
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 GONDA (UP)

Some images during the workshop

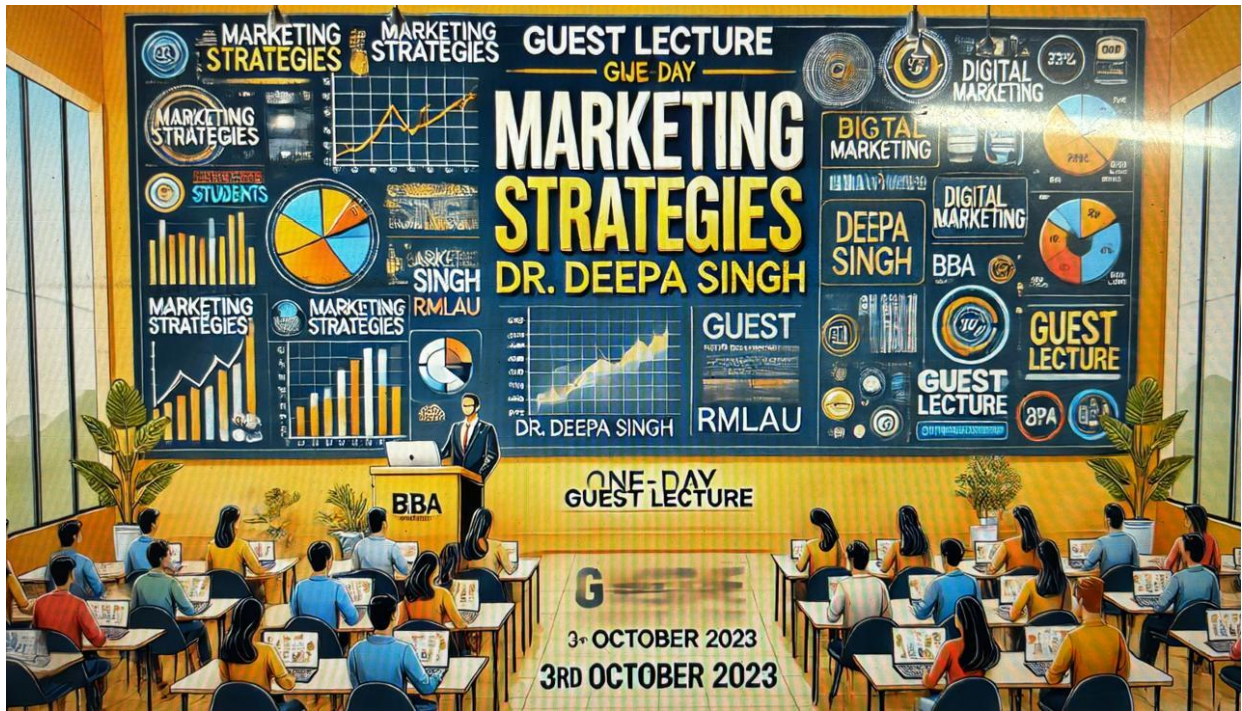




SHRI LAL BHADUR SHASTRI DEGREE COLLEGE, GONDA



Report on One-Day Workshop on "Marketing Strategies"



*DM*  
**PRINCIPAL**  
SHRI LAL BHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

## INTRODUCTION

A one-day workshop on "Marketing Strategies" was successfully conducted on October 3, 2023, at Shri Lal Bahadur Shastri Degree College, Gonda. The workshop was organized specifically for BBA students to enhance their understanding of contemporary marketing strategies and techniques.

**Objective of the Workshop:** The primary objective of the workshop was to provide BBA students with a comprehensive understanding of modern marketing strategies. The session aimed to equip students with the knowledge and tools necessary to apply strategic marketing concepts in real-world business scenarios.

**Resource Person:** The workshop was led by Miss. Deepa Singh, a renowned academician from Dr. Ram Manohar Lohia Awadh University (RMLAU), Ayodhya. With extensive experience in marketing and strategic management.

### Key Topics Covered:

1. **Introduction to Marketing Strategies:**

The workshop began with a foundational overview of marketing strategies, defining their importance in today's competitive business world.

2. **Market Research and Analysis:**

She also highlighted the role of market research and consumer behaviour analysis in developing effective marketing strategies. She explained different tools and techniques for conducting market research.

3. **Segmentation, Targeting, and Positioning (STP):**

A detailed session on STP helped students understand how businesses segment their markets, identify target audiences, and position their products to achieve maximum impact.

4. **Digital Marketing Strategies:**

In the current digital age, the significance of digital marketing was emphasized. Topics like social media marketing; search engine optimization (SEO), content marketing, and email marketing were discussed.

5. **Brand Management and Customer Relationship Management (CRM):**

The workshop also covered the importance of brand management and the strategies involved in maintaining and enhancing brand value. The concept of CRM and its impact on customer loyalty and retention were discussed.



## 6. Case Studies and Interactive Activities:

To provide a practical perspective, the workshop included case studies of successful marketing strategies adopted by leading companies. Students participated in interactive activities and group discussions, allowing them to apply the theoretical knowledge gained during the sessions.



### Feedback from Participants:

The workshop was highly interactive and well-received by the students. Participants appreciated Ms. Singh's engaging teaching style and the practical insights she shared. They expressed that the workshop helped them gain a deeper understanding of how marketing strategies are formulated and implemented in real business scenarios.

### Conclusion:

The one-day workshop on "Marketing Strategies" was a resounding success. It provided an enriching experience for the BBA students of Shri Lal Bahadur Shastri Degree College, Gonda, who gained

valuable knowledge and skills that will aid them in their academic and professional journeys. The college extends its heartfelt thanks to Miss. Deepa Singh for her enlightening session and hopes to organize more such workshops in the future.



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**PRINCIPAL**  
SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

# Department of Physics

(Shri Lal Bahadur Shastri Degree College, Gonda)



A One Day Seminar

Under Intellectual Property Rights

Organized

By Department of Physics



  
PRINCIPAL  
SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

On

Smart Materials

May 15, 2024

[Seminar Report]



SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA  
श्री लाल बहादुर शास्त्री डिग्री कॉलेज, गोंडा  
(An Affiliated College of Dr Ram Manohar Lohiya Avadh University, Ayodhya, (U.P.))

## Department of Physics

One Day Seminar Under Intellectual Property Rights

(May 15, 2024)

On

## Smart Materials

Organized By

## Department of Physics

(Shri Lal Bahadur Shastri Degree College, Gonda)

## Inaugural Lecture

By

Prof. P. K. Singh

(Department of Physics)

(M.L.K.P.G. College, Balrampur, U.P.)

(10:00 AM to 11:00 AM)

High Tea

(11:00 AM to 11:30 AM)

## Keynote Speakers

<p><b>Lecture I</b></p> <p>(11:30 AM to 12:30 PM)</p> <p><b>Prof. R.K. Pandey</b></p> <p>Department of Botany</p> <p>S.I.B.S.Degree College,Gonda</p>	<p><b>Lecture II</b></p> <p>(12:30 AM to 01:30 PM)</p> <p><b>Dr. Pankaj Tripathi</b></p> <p>Department of Physics</p> <p>Amity University, Noida</p>	<p><b>Lecture III</b></p> <p>(02:30 PM to 03:15 PM)</p> <p><b>Prof. A.K. Dwivedi</b></p> <p>Department of Physics</p> <p>M.L.K.P.G. College, Balrampur</p>	<p><b>Lecture IV</b></p> <p>(03:15 PM to 04:00 PM)</p> <p><b>Prof. Jitendra Singh</b></p> <p>Department of Physics</p> <p>S.I.B.S.Degree College,Gonda</p>
<p><b>Lunch Break</b></p> <p>(01:30 PM to 02:30 PM)</p>			

## Venue

Conference Hall Department of Physics, S. L. B. S. Degree College, Gonda

<p><b>Chief Patron</b>  <b>Varsha Singh</b>  <b>(Vice-President)</b></p>	<p><b>Patron</b>  <b>Shri Umesh Shah</b>  <b>(Secretary)</b></p>
<p><b>President</b>  <b>Prof. R.K. Pandey</b>  <b>(Principal)</b></p>	<p><b>Convener</b>  <b>Prof. Jitendra Singh</b>  <b>(Head, Department of Physics)</b></p>
<p><b>Organizing Secretary</b>  <b>Dr. Santosh Kumar Srivastava</b>  <b>(Assistant Professor, Department of Physics)</b></p>	<p><b>Organizing Secretary</b>  <b>Dr. Dev Narayan Pandey</b>  <b>(Assistant Professor, Department of Physics)</b></p>
<p><b>Organizing Secretary</b>  <b>Dr. Avneesh Mishra</b>  <b>(Assistant Professor, Department of Physics)</b></p>	

## Organizing Committee:

<p><b>Mr. Shobhit Maurya</b></p>	<p><b>Miss Anuradha Gupta</b></p>
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<b>Prof. S. K.Pandey, Head, Deptt. Of Mathematics,</b>	<b>Dr. Rekha Sharma, Deptt. of Botany</b>
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<b>Prof. S. K. Srivastava, Head, Deptt. Of Botany</b>	<b>Dr. Harish Kumar Shukla, SLBSDC, Gonda</b>

**A One Day Seminar**  
**Under Intellectual Property Rights**  
**Organized**  
**By**  
**Department of Physics**  
**On**  
**Smart Materials**  
**(May 15, 2023)**

The objectives of this seminar were to study the current practices related to the various smart materials developed and needs for future technology development in India for human wellbeing. The other purpose is to developed research ideology in post graduate students in India. This report is based on secondary research as per the suggestions given by speakers. Existing reports related to synthesis and their electrical, biological, optical requirements of smart materials in present and future technologies were discussed. It offers deep knowledge about the synthesis and their electrical, biological, optical, magnetic and other physical properties of smart materials and find out the scope for improvement of properties of existing materials for the welfare of the society. The seminar attempts to understand the important role of smart materials in development of new device or technology for students, staff and teachers in our country. This work is original and could be further extended.

## **Introduction**

'Smart' materials have the capability to perform both sensing and actuating functions. Passively smart materials respond to external change in a useful manner without assistance, while actively smart materials have a feedback loop which allows them to both recognize the change and pledge an appropriate response through an actuator circuit. One of the techniques used to impart intelligence into materials is 'Biomimetics', the imitation of biological functions in engineering materials. Composite ferroelectrics shaped after the lateral line and swim bladders of fish are used to illustrate this idea. 'Very smart' materials, in addition to actuating and

sensing, have the ability to 'learn' by altering their property coefficients in response to the environment. Field-induced changes in the nonlinear properties of relaxor ferroelectrics and soft rubber are utilized to construct tunable transducers. These different technologies into compact, multifunction packages is the ultimate goal of research in the area of smart materials. Materials that have one or more properties that can be significantly changed in a controlled fashion by external stimuli, such as stress temperature electric, optic, electro-optic and magnetic fields. **The main advantages of the smart materials are the following:** (i) No moving parts, High reliability, Low power requirements, etc. (ii) High energy density (compared to pneumatic and hydraulic actuators) (iii) Excellent bandwidth Classification of Smart Materials Actuating Materials (iv) Electrorheological Fluids (ER Fluids) (v) Shape Memory Alloys (SMA) Sensing Materials (vi) Fiber Optic (F.O.) sensors Dual-Purpose Materials (Actuating & Sensing) (vii) Magneto strictive, Materials Piezoelectric, Materials.

#### **CLASSIFICATION:**

**Controllable fluids:** Electro rheological, Magneto rheological, Biomimetic polymers and gels, Fullerenes and carbon nanotubes.

**PIEZOELECTRIC MATERIALS:-** The piezoelectric effect describes the relation between a mechanical stress and an electrical voltage in solids. It is reversible material: an applied mechanical stress will generate a voltage and an applied voltage will change the shape of the solid by a small amount (up to a 4% change in volume). In physics, the piezoelectric effect can be described as the the link between electrostatics and mechanics. History: The piezoelectric effect was discovered in 1880 by the Jacques and Pierre Curie brothers. They found out that when a mechanical stress was applied on crystals such as tourmaline, topaz, quartz, Rochelle salt and cane sugar, electrical charges appeared, and this voltage was proportional to the stress. First applications were piezoelectric ultrasonic transducers and soon swinging quartz for standards of frequency (quartz clocks). **An everyday life application example is your car's airbag sensor.** The material detects the intensity of the shock and sends an electrical signal which triggers the airbag.

**Piezoelectric materials:** The piezoelectric effect occurs only in non conductive materials. Piezoelectric materials can be divided in 2 main groups: crystals and ceramics. The most well-known piezoelectric material is quartz (SiO<sub>2</sub>).

**ELECTROSTRICTIVE MATERIALS:** Electrostrictive materials can also change their dimensions on the application of an electric field. These materials have widespread application in medical and engineering fields. Electrostriction is a property of all dielectric materials, and is caused by the presence of randomly-aligned electrical domains within the material. When an

electric field is applied to the dielectric, the opposite sides of the domains become differently charged and attract each other, reducing material thickness in the direction of the applied field (and increasing thickness in the orthogonal directions due to Poisson's ratio). The resulting strain (ratio of deformation to the original dimension) is proportional to the square of the polarization. The properties of DC biased resonators of this material are derived from a nonlinear theory based on the Taylor's series expansion of the thermodynamic potentials to 3rd and higher order terms in field and stress.

**MAGNETOSTRICTIVE MATERIAL:** These materials are quite similar to Electrostrictive materials, except for the fact that they respond to magnetic fields. The most widely used Magnetostrictive material is TERFENOL-D, which is made from the rarest of the rare earth elements, i.e. Terbium. This material is highly non-linear and has the capability to produce large strains. Magnetostrictive (MS) technology and Magneto-Rheological Fluid (MRF) technology are old “newcomers” coming to the market at high speed. **Industries including the automotive industry are full of potential MS and MRF applications.** Magnetostrictive technology and MagnetoRheological Fluid technology have been successfully employed already in various low and high volume applications. **MRF technology, direct shear mode (used in brakes and clutches) and valve mode (used in dampers) have been studied thoroughly and several applications are already present on the market. Excellent features like fast response, simple interface between electrical power input and mechanical power output, and precise controllability make MRF technology attractive for many applications.**

Magnetostriction effects Crystals of ferromagnetic materials change their shape when they are placed in a magnetic field.. This phenomenon is called magnetostriction. It is related to various other physical effects. Magnetostriction is, in general, a reversible exchange of energy between the mechanical form and the magnetic form. The ability to convert an amount of energy from one form into another allows the use of magnetostrictive materials in actuator and sensor applications.

**RHEOLOGICAL MATERIALS:** These fluids may find applications in brakes, shock absorbers and dampers for vehicle seats. These can be fitted to buildings and bridges to suppress the damaging effects, for example, high winds or earthquakes.

**Rheological Materials:** Rheology is the study of the flow of matter: primarily in the liquid state, but also as 'soft solids' or solids under conditions in which they respond with plastic flow rather than deforming elastically in response to an applied force. It applies to substances which have a complex molecular structure, such as muds, sludges, suspensions, polymers and other

glass formers (e.g. silicates), as well as many foods and additives, bodily fluids (e.g. blood) and other biological materials. **Ketchup can have its viscosity reduced by shaking (or other forms of mechanical agitation) but water cannot. Since Sir Isaac Newton originated the concept of viscosity, the study of variable viscosity liquids is also often called non-Newtonian fluid mechanics.**

**THERMORESPONSIVE MATERIALS:** Thermoresponsive materials are sometimes also known as shape memory alloys or shape memory polymers. These materials alter their shape under the influence of the ambient temperature. Magnetic Shape Memory Alloys Like thermoresponsive materials that alter their shape under the influence of the ambient temperature, magnetic shape memory alloys change shape due to changes in magnetic fields. Polychromic, Chromogenic or Halochromic Materials Polychromic, chromogenic and halochromic materials all change colour due to external influences. **Materials that change colour due to temperature are normally known as thermochromic materials and those that alter due to light are photochromic materials.**

**Applications of Smart Nanomaterials:** Smart nanomaterials are expected to make their presence strongly felt in areas like: Healthcare, with smart materials that respond to injuries by delivering drugs and antibiotics or by hardening to produce a cast on a broken limb. Implants and prostheses made from materials that modify surfaces and biofunctionality to increase biocompatibility **Energy generation and conservation with highly efficient batteries and energy generating materials. Security and Terrorism Defence with smart materials that can detect 11toxins and either render them neutral, warn people nearby or protect them from it.** Smart textiles that can change colour, such as camouflage materials that change colour and pattern depending upon the appearance of the surrounding environment. These materials may even project an image of what is behind the person in order to render them invisible. Surveillance using “Smartdust” and “Smartdust Motes” that are nanosized machines housing a range of sensors and wireless communication devices. Individually they can float undetected in a room with other dust particles. By combining the information gathered from hundreds, thousands or millions of these tiny specs can give a full report on what is occurring with the area including sound and images.

**ELECTROCHROMIC MATERIALS:** Electrochromism is the phenomenon displayed by some materials of reversibly changing color when a burst of charge is applied. Various types of materials and structures can be used to construct electrochromic devices, depending on the specific applications. One good example of an electrochromic material is polyaniline which can be formed either by the electrochemical or chemical oxidation of aniline. If an electrode is

immersed in hydrochloric acid which contains a small concentration of aniline, then a film of polyaniline can be grown on the electrode. Depending on the oxidation state, polyaniline can either be pale yellow or dark green/black. Other electrochromic materials that have found technological application include the viologens and polyoxotungstates. Other electrochromic materials include tungsten oxide (WO<sub>3</sub>), which is the main chemical used in the production of electrochromic windows or smart glass. Polymer-based solutions have recently been developed by John Reynolds and colleagues at the University of Florida. These promise to provide flexible and cheap electrochromics in a variety of colours, going all the way up to black.

**Electrochromic Materials As the color change is persistent and energy need only be applied to effect a change, electrochromic materials are used to control the amount of light and heat allowed to pass through windows ("smart windows"), and has also been applied in the automobile industry to automatically tint rear-view mirrors in various lighting. Viologen is used in conjunction with titanium dioxide (TiO<sub>2</sub>) in the creation of small digital displays.** It is hoped that these will replace liquid crystal displays as the viologen, which is typically dark blue, has a high contrast compared to the bright white of the titania, thereby providing the display high visibility. ICE 3 high speed trains use electrochromatic glass panels between the passenger compartment and the driver's cabin.

**APPLICATION:** Fast response valves, High power density hydraulic pumps Active bearings for reduction of machinery noise Footwear Sports equipment Precision machining Vibration and acoustic sensors Dampers, etc. Healthcare, with smart materials that respond to injuries by delivering drugs and antibiotics or by hardening to produce a cast on a broken limb. Energy generation and conservation with highly efficient batteries and energy generating materials. Security and Terrorism Defence with smart materials that can detect toxins and either render them neutral, warn people nearby or protect them from it. Smart textiles that can change colour, such as camouflage materials that change colour and pattern depending upon the appearance of the surrounding environment. These materials may even project an image of what is behind the person in order to render them invisible. Surveillance using "Smartdust" and "Smartdust Motes" that are nanosized machines housing a range of sensors and wireless communication devices. Individually they can float undetected in a room with other dust particles. By combining the information gathered from hundreds, thousands or millions of these tiny specs can give a full report on what is occurring with the area including sound and images.

**CONCLUSION: This seminar is highly knowledgeable, inspiring and motivative for Post graduate students. Among of teachers and staff was aware about the different technologies and other advanced instruments. Students was gaining more knowledge**



about the smart materials used in daily appliances. Overall, these seminar was completely adopt there objectives.



Photo1. Inaugural Lecture by Prof. P. K. Singh (in left) & Students in Conference Hall (in right).



Photo2. B.Sc & M.Sc Students hearing Lecture (in left) & Prof. P. K. Singh on Podium (in right).



  
PRINCIPAL  
SHRI LAL BHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

# Department of Physics

(Shri Lal Bahadur Shastri Degree College, Gonda)



A One Day Workshop

Under MoU

Between

Department of Physics, Kisan P.G. College, Bahraich and

Department of Physics, S. L. B. S. Degree College, Gonda

Organized

By Department of Physics

Shri Lal Bahadur Shastri Degree College, Gonda

On

Some Experimental topics on Physics in Daily Life

August 27, 2023

[Seminar Report]



**SHRI LAL BHADUR SHASTRI DEGREE COLLEGE, GONDA**  
**श्री लाल बहादुर शास्त्री डिग्री कॉलेज, गोंडा**  
(An Affiliated College of Dr Ram Manohar Lohiya Avadh University, Ayodhya, (U.P.))

## **Department of Physics**

**One Day Workshop Under MoU**

**Between**

**Department of Physics, Kisan P.G. College, Bahraich and**

**Department of Physics, S. L. B. S. Degree College, Gonda**

**(August 27, 2023)**

**On**

**Some Experimental topic on Physics in Daily Life**

**Organized By**

**Department of Physics**

**(Shri Lal Bahadur Shastri Degree College, Gonda)**

**Workshop & Lecture**

**By**

**Dr. Kisun Bir**

**(Department of Physics)**

**(Kisan P.G. College, Bahraich, U.P.)**

**(10:00 AM to 12:30 AM)**

**High Tea**

**(12:30 AM to 01:00 AM)**

## Venue

Conference Hall Department of Physics, S. L. B. S.  
Degree College, Gonda

<b>Chief Patron</b> Varsha Singh <b>(Vice-President)</b>	<b>Patron</b> Shri Umesh Shah <b>(Secretary)</b>
<b>President</b> Prof. R.K. Pandey <b>(Principal)</b>	<b>Convener</b> Prof. Jitendra Singh <b>(Head, Department of Physics)</b>
<b>Organizing Secretary</b> Dr. Santosh Kumar Srivastava <b>(Assistant Professor, Department of Physics)</b>	<b>Organizing Secretary</b> Dr. Dev Narayan Pandey <b>(Assistant Professor, Department of Physics)</b>
<b>Organizing Secretary</b> Dr. Avneesh Mishra <b>(Assistant Professor, Department of Physics)</b>	

## Organizing Committee:

<b>Mr. Shobhit Maurya</b>	<b>Miss Anuradha Gupta</b>
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**PRINCIPAL**  
SHRI LAL BHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

# **A One Day Workshop**

**Under MoU**

**Between**

**Department of Physics, Kisan P.G. College, Bahraich and**

**Department of Physics, S. L. B. S. Degree College, Gonda**

**(August 27, 2023)**

**On**

**“Some Experimental topics on Physics in Daily Life”**

The objectives of this workshop were to study the current applications related to the various topics on Physics in daily life developed and needs for future human wellbeing. The other purpose is to developed interest in physics for final year under graduate students of Shri Lal Bahadur Shastri Degree College, Gonda. This workshop report is based on experimental techniques as per expertise of speakers. Existing reports related to electrical, biological, optical requirements of human in present and future were discussed. It offers deep knowledge about the experimental uses of electrical, biological, optical, magnetic and other physical laws in our daily life and find out the scope for improvement of welfare of the society. The workshop attempts to understand the important role of Physics in development of new generation technology for students, staff and teachers in our country. This work is original and could be further extended.

## **Introduction**

Physics in daily life to describe the motion, forces, and energy of the ordinary experience. Physics is at work in tasks such as walking, driving a car or using a phone laptop/tablet etc. Knowledge of physics is helpful in everyday life.

For example, physics helps us understand:

- Why a radiator helps to dissipate the heat of a car engine, and
- Why a white ceiling helps to keep the inside of a house cool.

Hundreds of such questions can be answered and explained via physics.

Physics is the base of many critical scientific disciplines, such as chemistry is rooted in quantum physics which describes the study of atoms and molecules. Physics is also applicable in many branches of engineering. **In architecture, physics is pivotal to determining structural stability, acoustics, heating, lighting and cooling systems for buildings. In Geology, physics helps to the study of non-living parts of the Earth, such as atmosphere, lithosphere, hydrosphere, earthquakes, storms, volcanoes, and other natural disasters, such as floods, droughts, and extreme heat on the Earth's surface.** Chemical electrodynamics, optics, thermodynamics and modern physics, are important branches of physics for studying natural phenomena. Physics also describes the chemical processes in the human body through biophysics. **Physics is also involved in medical diagnoses, such as X-rays, magnetic resonance imaging (MRI), and ultrasonic blood flow measurements.** Physics can also explain what we perceive with our senses, such as how the ear detects sound or how the eye detects colour.

### **Examples of Physics in daily life:**

**1. Alarm Clock Ringing:** The alarm clock's buzz helps us wake up in the morning according to our schedule. Sound is something that we cannot see but can hear or feel. Physics studies the origin, transmission, and properties of sound. Here the concept of quantum mechanics is applicable.

**2. Electricity:** Electricity is one of physics most important applications in people's lives. The importance of electricity can be understood when electricity is disconnected from their houses. All the electrical appliances stop working and life becomes difficult.

**3. The Density of Seawater and Swimming in it:** The density of seawater is higher than normal water, so it is easier to swim in it. In dead sea people never drown and remain above the surface of the water because of its water's density.



**4. Mobiles:** Mobiles have become like oxygen in modern social life. It is used to send an important message, chat constantly, talk on video calls, send money or do any other important work, mobiles are everywhere. But do you know how mobile works? It works on the principle of electricity and the electromagnetic spectrum, the wavy patterns of electricity and magnetism.

**5. How does the Washing Machine dry the Clothes?** The dryer of a washing machine is a rapidly rotating container that applies centrifugal force to its contents. It throws water molecules radially outward on the fabric during the washing machine's spin cycle.

**6. Why are cars facilitated with Seat belts & Airbags?** When the brakes are applied on a moving car, the lower parts of the vehicle and the passengers attached to the car stop immediately, but their upper parts tend to fall forward due to inertia. This is first law of motion.

**7. How does a Pen write?** Whether at your college, the ballpoint pen is your weapon. If there were no physics, you would hardly be able to write with a ballpoint pen. Here the concept of gravity comes into play. As your pen moves over the paper, the ball turns, and gravity forces the ink down onto the top of the ball, from where the ink continues to transfer to the paper.

**It is hard to imagine life without physics. Many other examples are available; you only need an eye to spot them. Our expert do some experiments in our labs.**

**CONCLUSION:** This workshop is highly knowledgeable, inspiring and motivate for Under graduate students. Other subject teachers and staff was aware about the uses of physics in our daily life. Students was gaining more theoretical and practical knowledge about the use of physical science in daily appliances. Overall, this workshop was completely adopt there objectives.



**Photo1. Lecture by Dr. Kishun Bir (in left) & Students in Conference Hall (in right).**



**Photo2. B.Sc Students acquiring practical knowledge on physics in daily life by Dr. Kishun Bir.**



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श्री लाल बहादुर शास्त्री डिग्री कॉलेज, गोण्डा  
AN AFFILIATED COLLEGE OF DR RAMMANOHAR LOHIA AVADH UNIVERSITY, AYODHYA,(U.P)

**THE INTERNAL QUALITY ASSURANCE CELL**

**&**

**DEPARTMENT OF PSYCHOLOGY**

**IS ORGANIZING**

**ONE DAY WORKSHOP**

**ON**

**MINDFULNESS AND STRESS REDUCTION**

**06 MARCH 2024**

**VENUE - SLBSDC, MAIN CAMPUS**

**TARGET AUDIENCE - UNDER GRADUATE STUDENT OF ALL SUBJECTS**

**SPEAKER – DR PRANAY KUMAR TRIPATHI**

**(Prof & Head, The Dept of Psychology, K. S. SAKET P.G. COLLEGE,  
AYODHYA)**

**NO  
REGISTRATION  
FEES**

**NO  
REGISTRATION  
FEES**



## **SCHEDULE**

- 10:00 AM -11:00 AM- INAUGURAL SESSION
- INTERACTION STARTS - 11:00 AM – 12:30 PM
- QUES-ANS ROUND – 12:30 PM – 01:00 PM
- VOTE OF THANKS – 01:00 PM – 01:15 PM
- CLOSING SESSION – 01:20 PM

## **ORGANIZERS**

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Prof. Ravindra Kumar, Principal, SLBSDC

### **CONVENOR**

Prof. Ram Samujh Singh, IQAC Coordinator

### **CO-CONVENOR**

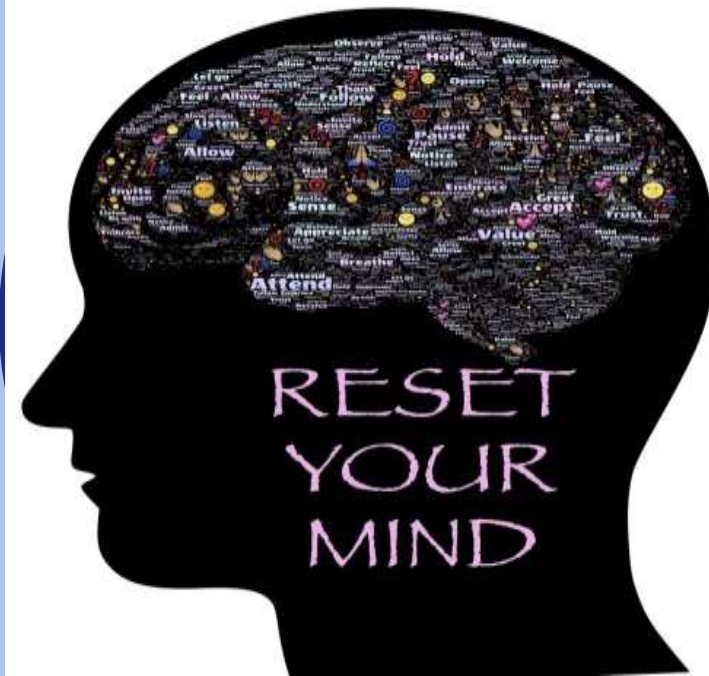
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Miss Pooja Yadav, Dept. Of Psychology

### **JOINT ORGANIZING SECRETARY**

Dr Mamta Shukla, Dept. Of Psychology  
Dr Raj Bahadur Choudhry, Dept. Of Psychology



**THANK  
YOU !!!!!!!!**



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AN AFFILIATED COLLEGE OF DR RAMMANOHAR LOHIA AVADH UNIVERSITY, AYODHYA,(U.P)

**DETAIL REPORT**  
**OF**  
**ONE DAY WORKSHOP**  
**ON**  
**MINDFULNESS AND STRESS REDUCTION**  
**CONDUCTED ON**  
**06 MARCH 2024**

**DETAIL REPORT –**

The Internal Quality Assurance Cell and The Department of Psychology, Shri Lal Bahadur Shastri Degree College, Gonda jointly organised a one-day workshop on mindfulness & stress reduction on 06 March 2024. Under graduate student of our college attended the workshop.

**SPEAKER – DR PRANAY KUMAR TRIPATHI**

**(Prof & Head, THE DEPARTMENT OF PSYCHOLOGY, K. S. SAKET P.G. COLLEGE, AYODHYA)**

**PATRON**

Prof. Ravindra Kumar, Principal, SLBSDC

**CONVENOR**

Prof. Ram Samujh Singh, IQAC Coordinator

**CO-CONVENOR**

Dr Mamta Sharma, Head, Dept. Of Psychology

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Miss Pooja Yadav, Dept. Of Psychology

**JOINT ORGANIZING SECRETARY**

Dr Mamta Shukla, Dept. Of Psychology

Dr Raj Bahadur Choudhry, Dept. Of Psychology

**INTRODUCTION –**

On March 06, 2024, a workshop on “Mindfulness and Stress Reduction” was conducted at Shri Lal Bahadur Shastri Degree College (main campus) Gonda. The session aimed to equip participants with some practical strategies for managing stress through mindfulness practices. The workshop was attended by 48 individuals from under graduate courses from our college.



## OBJECTIVES

The primary objectives of the workshop were:

1. To introduce participants to the concept of mindfulness and its benefits.
2. To provide practical exercises/practices for stress reduction.
3. To help participants develop a personalized mindfulness practice.

## WORKSHOP OVERVIEW

The workshop was led by Dr. Pranay Kumar Tripathi, Prof & Head, The Department of Psychology with a focus on mindfulness-based stress reduction (MBSR). The session was divided into four main segments:

1. **Introduction to Mindfulness (15 minutes)**
2. **Mindfulness Techniques (30 minutes)**
3. **Interactive Exercises (30 minutes)**
4. **Q&A and Reflection (15 minutes)**

### 1. INTRODUCTION TO MINDFULNESS

Dr. Pranay Kumar Tripathi began by, with an overview of mindfulness, defining it as the practice of paying attention to the present moment with acceptance and without judgment. He explained how mindfulness can help reduce stress by breaking the cycle of automatic, reactive responses to stressful situations. The theoretical foundation was supported by recent research highlighting mindfulness' impact on reducing anxiety and improving overall well-being.

Key points included:

- **Definition of Mindfulness:** Awareness of present experiences with an open and accepting attitude.
- **Benefits:** Reduced stress, improved focus, emotional regulation, and better physical health.
- **Scientific Evidence:** Studies indicating that mindfulness practice can lower cortisol levels, enhance immune function, and improve mental health outcomes.

### 2. MINDFULNESS TECHNIQUES

In this segment, Dr. Pranay Kumar Tripathi demonstrated various mindfulness techniques that participants could use in their daily lives. Each technique was explained in detail, with emphasis on how to practice and integrate them effectively.

- **Breathing Exercises:** Participants practiced deep breathing and diaphragmatic breathing. These techniques help anchor attention and create a sense of calm. Dr. Carter emphasized focusing on the breath's natural rhythm and letting go of distractions.
- **Body Scan Meditation:** This technique involves mentally scanning the body from head to toe, noting areas of tension or discomfort. The goal is to cultivate a heightened awareness of bodily sensations and promote relaxation.
- **Mindful Observation:** Participants practiced mindful observation by focusing on everyday objects, such as a pencil or a flower. This exercise aimed to enhance the ability to fully engage with the present moment.
- **Mindful Walking:** Dr. Pranay Kumar Tripathi led a brief session of mindful walking, encouraging participants to pay close attention to each step, the movement of their legs, and the sensations of their feet touching the ground.

### 3. INTERACTIVE EXERCISES

The interactive portion of the workshop allowed participants to apply the techniques in a supportive environment.

- **Group Meditation:** The group engaged in a 15-minute guided meditation led by Dr. Pranay Kumar Tripathi. This session helped participants experience mindfulness in a communal setting and provided a sense of shared calmness.
- **Pair and Share:** Participants were paired up to discuss their experiences with the mindfulness techniques introduced. This exercise fostered peer support and allowed individuals to share personal insights and challenges.

### 4. Q&A AND REFLECTION

The final segment of the workshop provided an opportunity for participants to ask questions and reflect on their experiences.

- **Q&A Session:** Dr. Pranay Kumar Tripathi addressed various questions, such as how to maintain a consistent practice and how to integrate mindfulness into a busy schedule. Common concerns about the effectiveness of mindfulness and dealing with distractions were also discussed.

- **Reflection Exercise:** Participants were guided through a reflection exercise to consider what they had learned and how they planned to incorporate mindfulness into their daily lives. They were encouraged to set realistic goals for their practice and consider potential obstacles.

## **PARTICIPANT FEEDBACK**

Feedback from participants was overwhelmingly positive. Many reported feeling a greater sense of calm and improved awareness after the session.

Key takeaways included:

- **Increased Awareness:** Participants appreciated the practical tools for increasing mindfulness and observed an immediate reduction in stress during the exercises.
- **Practical Applications:** The techniques were praised for their applicability to daily life, with many participants expressing a desire to incorporate mindfulness into their routines.
- **Enhanced Understanding:** Several attendees noted that the workshop helped clarify the concept of mindfulness and provided a structured approach to practice.

## **CHALLENGES AND RECOMMENDATIONS -**

Despite the positive feedback, some challenges were noted:


- **Time Constraints:** The workshop's duration limited the depth of each technique. Extending the workshop or offering follow-up sessions could enhance understanding and practice.
- **Varied Experience Levels:** Participants had different levels of prior experience with mindfulness. Providing materials for various experience levels and additional resources could help address this diversity.

## **CONCLUSION -**

The "Mindfulness and Stress Reduction" workshop successfully introduced participants to effective mindfulness techniques and provided practical tools for managing stress. The session offered a balanced mix of theoretical knowledge and hands-on practice, resulting in positive feedback and increased participant engagement. Future workshops could benefit from extended durations and additional resources to further support diverse experience levels.

The workshop has set a strong foundation for individuals seeking to integrate mindfulness into their lives and has contributed to the broader goal of improving community well-being through stress reduction techniques.

# ATTENDANCE LIST OF PARTICIPANTS-




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**SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA - 271003 (U.P.)**

**Attendance**

Name of Activity – Conference/Seminar/Workshop/Guest Lectures/Cultural Activities  
Department - **PSYCHOLOGY** Date: - **06-03-24**

क्र.सं.	दाता/दाता का नाम	कक्षा	हस्ताक्षर	क्र.सं.	दाता/दाता का नाम	कक्षा	हस्ताक्षर
22	Saumya Singh	B.A.III Sem	Saumya Singh	23	Harshita Singh	B.A.IV Sem	Harshita Singh
24	Anshu Gupta	B.A.IV Sem	Anshu Gupta	25	Mansi Singh	B.A.IV Sem	Mansi Singh
26	Kusana	B.A.IV Sem	Kusana	27	Madhu Dubey	B.A.IV Sem	Madhu Dubey
28	शिवानी दुबे	B.A.IV Sem	शिवानी दुबे	29	नदिनी मिश्रा	B.A.IV Sem	नदिनी मिश्रा
30	Renuka Kaushik	B.A.IV Sem	Renuka Kaushik	31	Nainshi Singh	B.A.IV	Nainshi Singh
32	Amit Shukla	B.A.IV Sem	Amit Shukla				
33	Shivshankar	B.A.IV Sem	Shivshankar				
34	Pankaj Dubey	B.A.IV Sem	Pankaj Dubey				
35	Ankit Gupta	B.A.IV Sem	Ankit Gupta				
36	Shalini Pandey	B.A.IV Sem	Shalini Pandey				
37	Shwati Mishra	B.A.IV Sem	Shwati Mishra				
38	Tanu Singh	B.A.IV Sem	Tanu Singh				
39	Sapna Tiwari	B.A.IV Sem	Sapna Tiwari				
40	Pallavi Mishra	B.A.IV Sem	Pallavi Mishra				
41	Nitya Rastogi	B.A.IV Sem	Nitya Rastogi				
42	Priyanka Yadav	B.A.IV Sem	Priyanka Yadav				
43	Rinki Tiwari	B.A.IV Sem	Rinki Tiwari				
44	Krishnavati	B.A.IV Sem	Krishnavati				
45	Rachna Gupta	B.A.IV Sem	Rachna Gupta				
46	Anjali Maurya	B.A.IV Sem	Anjali Maurya				
47	Roli Tiwari	B.A.IV Sem	Roli Tiwari				
48	Risha Khan	B.A.IV Sem	Risha Khan				
49	Salma	B.A.IV Sem	Salma				
50	Abhishek Shukla	B.A.IV Sem	Abhishek Shukla				
51	Muskan Singh	B.A.IV Sem	Muskan Singh				
52	Shikha Dubey	B.A.IV Sem	Shikha Dubey				



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**SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA - 271003 (U.P.)**

**Attendance**

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Department - **PSYCHOLOGY** Date: - **06-03-24**

क्र.सं.	दाता/दाता का नाम	कक्षा	हस्ताक्षर	क्र.सं.	दाता/दाता का नाम	कक्षा	हस्ताक्षर
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2	Anchal Pandey	B.A.IV Sem	Anchal Pandey				
3	Divyani Srivastava	B.A.IV Sem	Divyani Srivastava				
4	Shivam Pandey	B.A.IV Sem	Shivam Pandey				
5	Nivedita Madan	B.A.IV Sem	Nivedita Madan				
6	Nishu	B.A.IV Sem	Nishu				
7	Mansi Verma	B.A.IV Sem	Mansi Verma				
8	Anchal	B.A.IV Sem	Anchal				
9	Humaira Pathan	B.A.IV Sem	Humaira Pathan				
10	Shweta Srivastava	B.A.IV Sem	Shweta Srivastava				
11	Sheetal Chakraborty	B.A.IV Sem	Sheetal Chakraborty				
12	Lajo Devi	B.A.IV Sem	Lajo Devi				
13	Rajni Singh	B.A.IV Sem	Rajni Singh				
14	Abhishek Jaiswal	B.A.IV Sem	Abhishek Jaiswal				
15	Kavita Anand	B.A.IV Sem	Kavita Anand				
16	Sanjay Kumar	B.A.IV Sem	Sanjay Kumar				
17	Ramesh Maurya	B.A.IV Sem	Ramesh Maurya				

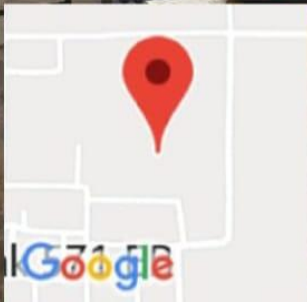


  
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**MEMORABLE GLIMPSE OF THIS WORKSHOP -**

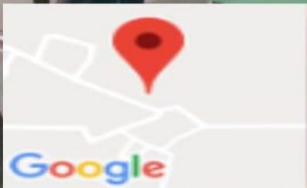






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Lat 27.132596°  
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GPS Map Camera



**Devipatan Division, Uttar Pradesh, India**  
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Lat 27.132704°  
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SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA

Organizing

Two days workshop on 5<sup>th</sup> & 6<sup>th</sup> of Jan, 2024

In Association with



**NISM**



राष्ट्रीय प्रतिभूति बाजार संस्थान

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# SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA



## REPORT OF WORKSHOP BY SEBI ON 5<sup>TH</sup> & 6<sup>TH</sup> OF Jan, 2024



Submitted by:

Dr. Shailja Singh

Head, Department of BBA



  
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GONDA (UP)



## **Introduction:**

The Department of Commerce and Business Management at Shri Lal Bahadur Shastri Degree College, Gonda, in collaboration with NISM (An Educational Initiative by SEBI), organized a two-day comprehensive workshop on January 5th and 6th. The workshop aimed to provide students from various disciplines, including BBA, BCA, M.Com, and MA Economics, with insights into the world of finance and investment. With a total of 170 enthusiastic participants, the workshop offered a platform for learning and exploration in the dynamic field of finance.



## **Description:**

The workshop comprised eight insightful sessions, each focusing on different facets of investment and securities markets. Participants delved into topics such as the importance of investment, financial investment opportunities, processes and prerequisites for investing in securities markets, investment in primary and secondary markets, mutual funds, precautions while investing, and career prospects in the securities markets. Led by distinguished speakers Deepak Kumar and Mrs. Moni Sahu, renowned professionals with extensive experience in the financial sector, the sessions provided a blend of theoretical knowledge and practical insights, enriching the learning experience of the attendees.

Deepak Kumar, with his expertise as a SMART Trainer at SEBI and various national trainer roles, shared invaluable insights into securities market regulation and financial education. Mrs. Moni Sahu, with her wealth of experience and proficiency as a national trainer, further enhanced the participants' understanding of securities market regulations, financial literacy, and investment strategies. Their contributions were instrumental in promoting financial literacy and fostering a deeper understanding of investment and securities markets among the participants.

The collaborative effort between Shri Lal Bahadur Shastri Degree College and NISM underscores a commitment to promoting financial literacy and empowering future finance professionals. The workshop provided students with the necessary knowledge and skills to make informed investment decisions and pursue rewarding careers in the financial sector.



### **Conclusion:**

In conclusion, the workshop on finance and investment was a resounding success, thanks to the active participation of students and the invaluable contributions of speakers Deepak Kumar and Mrs. Moni Sahu.

The sessions provided a comprehensive understanding of various aspects of investment and securities markets, equipping participants with the requisite knowledge and skills for their future endeavours in the financial sector.

## **Acknowledgement:**

The Department of Business Management extends heartfelt gratitude to Shri Lal Bahadur Shastri Degree College for their support in organizing the workshop. We express our gratitude to Prof. Ravindra Kumar Pandey, Principal of the college, for his guidance and encouragement throughout the event. Special thanks to Prof. Jitendra Singh, the coordinator of the workshop, for his efforts in coordinating the sessions seamlessly. We also acknowledge the support of the college management for their continuous encouragement and support in conducting such enriching events.

This workshop would not have been possible without the collective efforts of all involved parties, and we are sincerely grateful for their contributions.



  
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 SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
 GONDA (UP)

# 2024

**SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA**

Department of Zoology



A One Day Seminar  
Under Intellectual Property Rights  
Organized by  
Department of Zoology  
On



  
PRINCIPAL  
SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

**"Genetics and Public Health"**

(March 28, 2024)

**[ SEMINAR REPORT ]**

A one day seminar under intellectual property rights on "Genetics and Public Health".





SHRI LAL BHADUR SHASTRI DEGREE COLLEGE, GONDA  
श्री लाल बहादुर शास्त्री डिग्री कॉलेज, गोण्डा  
AN AFFILIATED COLLEGE OF DR RAMMANOHAR LOHIA AVADH UNIVERSITY, AYODHYA,(U.P)

**Department of Zoology**  
**One day seminar under intellectual  
property rights**

(March 28, 2024)

**On**

**Genetics and Public Health**

**Organized by**

**Department of Zoology & IQAC, SLBSDC, Gonda**

**Inaugural Lecture**

**By**

**Prof. R.K. Pandey**

**(10.30 am to 11.15 am)**

**High Tea**

**(11.30 am to 11.45 am)**

**Keynote Speakers**

Lecture 1 (11.30 am to 12.45 pm)	Lecture 2 (12.45 pm to 1.30 pm)	Lunch Break (1.30 pm To 02.00 pm)	Lecture 3 (2.00 pm to 02.45 pm)	Lecture 4 (2.45 pm to 03.30pm)
Dr. Akhtar Ali Centre for Genetic Disorders Banaras Hindu University Varanasi	Dr. Rekha Sharma Dept. of Botany SLBSDC, Gonda		Shishir Tripathi HOD, Zoology SLBSDC Gonda	Dr. Pushyamitra Mishra Dept. of Chemistry SLBSDC Gonda

## Venue:

Conference Hall, Science Campus, Shri Lal Bahadur Shastri Degree College, Gonda

<b>Chief Patron</b> <b>Varsha Singh</b> Vice-President	<b>Patron</b> <b>Shri Umesh Shah</b> Secretary
<b>President</b> <b>Prof. R. K. Pandey</b> Principal	<b>Convener</b> <b>Shishir Tripathi</b> Head, Department of Zoology
<b>Organizing Secretary</b> <b>Dr. Ashok Kumar Pandey</b> Assistant Professor, Department of Zoology	<b>Organizing Secretary</b> <b>Dr. Satish Kumar Tiwari</b> Assistant Professor, Department of Zoology

### Organizing Committee

<b>Mr. Raghvendra Mishra,</b> Guest Faculty, Department of Zoology	<b>Mr. Anand Kumar Chaturvedi,</b> Guest Faculty, Department of Zoology	<b>Ms. Tanzeela Fatima,</b> Guest Faculty, Department of Zoology

### Advisory Board: Prof. R. S. Singh Coordinator IQAC

Prof. S. K. Pandey, Head, Deptt. Of Mathematics	Mr. Awadhesh K. Verma, SLBSDC, Gonda
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Prof. B. Singh Baghel, SLBSDC, Gonda	Dr. Raj B. Chaudhary, SLBSDC, Gonda
Prof. Rajeev Kr Agrawal, SLBSDC, Gonda	Dr. Rachna Srivastava, SLBSDC, Gonda
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Prof. J. B. Pal, SLBSDC, Gonda	Dr. Smriti Shishir, SLBSDC, Gonda
Prof. S. B. Singh, SLBSDC, Gonda	Dr. Neetu Saxena, SLBSDC, Gonda
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Mr. L. Kalyani, SLBSDC, Gonda	Mr. Shobhit Maurya, SLBSDC, Gonda
Dr. Smita Singh, SLBSDC, Gonda	Dr. Harish Kr. Shukla, SLBSDC, Gonda
Dr. Dharmendra Pratap Singh, SLBSDC, Gonda	Ms. Anuradha Gupta, SLBSDC, Gonda
Prof. Sandeep Kumar Srivastava, SLBSDC, Gonda	Dr. Arun Pratap Singh, SLBSDC, Gonda
Dr. Vinay Kumar Pandey, SLBSDC, Gonda	Dr. Dalip Kumar, Singh SLBSDC, Gonda
Dr. Ajeet Kumar Mishra, SLBSDC, Gonda	Dr. Ramint Patel, SLBSDC, Gonda

**A One Day Seminar**  
**Under Intellectual Property Rights**  
**Organized by**  
**Department of Zoology**  
**On**  
**Genetics and Public Health**

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**Organized by:** Department of Zoology and Internal Quality Assurance Cell (IQAC), SLBSDC, Gonda

**Date:** March 28, 2024

**Venue:** Conference Hall, Science Campus, Sri Lal Bahadur Shastri Degree College, Gonda.

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On March 28, 2024, the Department of Zoology in collaboration with the Internal Quality Assurance Cell (IQAC) at SLBSDC, Gonda, organized an insightful seminar on the topic "Genetics and Public Health." The seminar aimed to bridge the gap between the rapidly evolving field of genetics and its significant implications for public health. It was attended by MSc students, faculty members, and other distinguished guests from various departments.

#### **Welcome Address**

The seminar commenced with a formal welcome address by **Professor R. K. Pandey**, Principal of SLBSDC, Gonda. In his opening remarks, Professor Pandey emphasized the growing importance of genetics in understanding public health challenges. He highlighted how genetic research is becoming increasingly essential in developing preventive measures and treatments for a wide range of diseases, thereby improving overall healthcare outcomes.

#### **Keynote Address by Dr. Akhtar Ali**

The chief speaker, **Dr. Akhtar Ali**, who serves as the Coordinator at the Centre for Genetic Disorders, Banaras Hindu University, Varanasi, delivered the keynote address. Dr. Ali's lecture was both comprehensive and thought-provoking, covering various aspects of genetics and their direct application in public health.

He began by outlining the basic concepts of genetics, explaining how genetic variations can influence an individual's susceptibility to certain diseases. Dr. Ali emphasized the importance of genetic screening and its role in early detection of hereditary conditions, which can significantly reduce the burden of disease on individuals and healthcare systems.

Furthermore, Dr. Ali discussed the advancements in genomics and how they are paving the way for personalized medicine. He explained that with the help of genetic information, healthcare providers can tailor treatments to individual patients, thereby increasing the effectiveness of therapies and minimizing adverse effects. His talk also touched upon the ethical implications of genetic research, particularly in terms of privacy and the potential for genetic discrimination.

### **Session by Dr. Rekha Sharma**

Following Dr. Ali's address, **Dr. Rekha Sharma**, Assistant Professor in the Department of Botany at SLBSDC, Gonda, presented her views on the intersection of genetics and plant biology. Dr. Sharma highlighted the role of genetically modified organisms (GMOs) in enhancing food security and public health. She discussed how GMOs can be engineered to be more nutritious and resistant to diseases, which can help address malnutrition and food scarcity issues in developing regions.

Dr. Sharma also elaborated on the potential risks associated with GMOs, including ecological impacts and ethical concerns. She stressed the need for rigorous scientific evaluation and regulatory oversight to ensure that GMOs contribute positively to public health without causing unintended harm to the environment.

### **Presentation by Dr. Pushyamitra Mishra**

**Dr. Pushyamitra Mishra**, Head of the Department of Chemistry at SLBSDC, Gonda, provided a detailed analysis of the chemical basis of genetics. His presentation focused on the structure and function of DNA, RNA, and proteins, and how these molecules play a critical role in the expression of genetic information.

Dr. Mishra discussed the latest developments in gene editing technologies, such as CRISPR-Cas9, and their potential to revolutionize the treatment of genetic disorders. He provided examples of how these technologies are being used to develop new therapies for conditions like sickle cell anemia and cystic fibrosis. Additionally, Dr. Mishra touched upon the ethical and safety concerns associated with gene editing, particularly in the context of human germline modification.

### **Insights by Shishir Tripathi**

The seminar then moved to a zoological perspective, with **Shishir Tripathi**, Head of the Department of Zoology at SLBSDC, Gonda, sharing his insights on the role of genetics in animal studies. Mr. Tripathi highlighted the importance of using animal models in genetic research to understand the genetic basis of human diseases.

He provided examples of how studies on model organisms, such as mice and fruit flies, have led to significant breakthroughs in understanding genetic disorders and developing new treatments. Mr. Tripathi also emphasized the need for conserving genetic diversity in wildlife populations, as this diversity is essential for the resilience of ecosystems and the survival of species in the face of environmental changes.

### **Interactive Session and Conclusion**

The seminar concluded with an interactive session where students and faculty had the opportunity to engage directly with the speakers. This session was marked by a lively discussion on various topics, including the future of genetic research, the potential for personalized medicine, and the ethical considerations of genetic interventions.

Participants expressed their appreciation for the depth and breadth of knowledge shared by the speakers. The discussions not only enriched the students' understanding of genetics and public health but also inspired them to consider the broader implications of their studies in these fields.

In his closing remarks, **Professor R. K. Pandey** thanked all the speakers for their valuable contributions and encouraged the students to continue exploring the dynamic field of genetics. He reiterated the importance of interdisciplinary collaboration in addressing complex public health challenges and underscored the role of educational institutions in fostering such collaborations.

### **Conclusion**

The seminar on "Genetics and Public Health" was a resounding success, offering a platform for meaningful dialogue between students, faculty, and experts in the field. It underscored the critical role of genetics in modern medicine and public health, and provided participants with a deeper understanding of the potential and challenges of this rapidly advancing field.

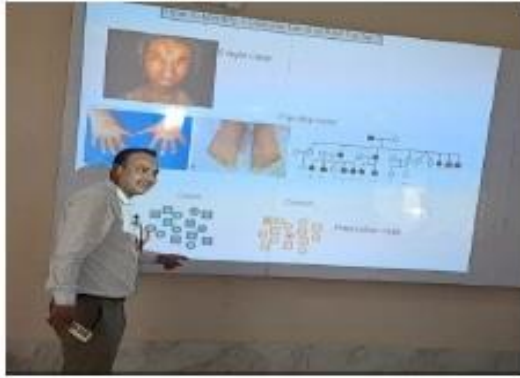
The event was a testament to the commitment of SLBSDC, Gonda, in promoting academic excellence and fostering a culture of research and innovation among its students and faculty.

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### जेनेटिक बीमारियों की आज के समय में सफलतापूर्वक जांच तथा इलाज की संभावना बहुत बढ़ गई है : डॉ अश्वर अली



**प्रो. अश्वर अली ने दिए जेनेटिक डिस्ऑर्डर पर टिप्स**  
**मोज़।** बी साल बसूट शहरी डिवाँ कॉलेज के विज्ञान परिसर स्थित जंतु विज्ञान विभाग के एमएससी डिग्री एव चतुर्थ सेमेस्टर के छात्र-छात्राओं को जेनेटिक डिस्ऑर्डर एंड पब्लिक हेल्थ विषय पर बीएचएच के प्रोफेसर डॉ. अश्वर अली ने एक व्याख्यान कार्यक्रम में बेहतर रूप पर जेनेटिक बीमारियों की आज के समय में सफलतापूर्वक जांच तथा इलाज की संभावना बहुत बढ़ गई है। उन्होंने मिले के बेस्टर क्लब के एक परिचय का उद्घाटन देते हुए बताया कि इस परिचय में चर्चा अ रही जेनेटिक बीमारों को पहचानने से लेकर उसका सफल इलाज आती है तब तक किया गया। प्रो. अश्वर के व्याख्यान से जेनेटिक बीमारियों से प्रभावित परिवारों में आता की एक नई दिशा दिखाई दी।



पायनियर।

बीएचएच के विभाग की प्रमुख बसुबसु बसुबसु डिग्री कॉलेज को विज्ञान परिसर स्थित जंतु विज्ञान विभाग के एमएससी डिग्री एव चतुर्थ सेमेस्टर की छात्र-छात्राओं को जेनेटिक डिस्ऑर्डर एंड पब्लिक हेल्थ विषय पर बीएचएच के प्रोफेसर डॉ. अश्वर अली ने एक व्याख्यान कार्यक्रम में बेहतर रूप पर जेनेटिक बीमारियों की आज के समय में सफलतापूर्वक जांच तथा इलाज की संभावना बहुत बढ़ गई है। उन्होंने मिले के बेस्टर क्लब के एक परिचय का उद्घाटन देते हुए बताया कि इस परिचय में चर्चा अ रही जेनेटिक बीमारों को पहचानने से लेकर उसका सफल इलाज आती है तब तक किया गया। प्रो. अश्वर के व्याख्यान से जेनेटिक बीमारियों से प्रभावित परिवारों में आता की एक नई दिशा दिखाई दी।

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30	SUGAM SINGH	SURYA BAKASH SINGH	M.Sc. IV Sem
31	SUGANDHA RAJ SRIVASTAVA	RAJESH KUMAR SRIVASTAV	M.Sc. IV Sem
32	TABASSUM BANO	ABDUL HALEEM	M.Sc. IV Sem
33	VAISHNAVI SINGH	VEER PRATAP SINGH	M.Sc. IV Sem
34	VANDANA TIWARI	MAHESH DUTT TIWARI	M.Sc. IV Sem
35	VERSAH GOND	ANIL KUMAR GOND	M.Sc. IV Sem
36	VIDUSHI SRIVASTAVA	KUNWAR RAKESH CHANDRA	M.Sc. IV Sem
37	ATUL TIWARI	SATISH CHANDRA TIWARI	B.Sc. VI Sem
38	AVADH NARESH MISHRA	PARMATMADIN MISHRA	B.Sc. VI Sem
39	BABBU VERMA	MUNSHI LAL VERMA	B.Sc. VI Sem
40	BHANU PRATAP SAURABH	VISHWANATH	B.Sc. VI Sem
41	BHUPENDRA KUMAR MISHRA	SHIV KUMAR MISHRA	B.Sc. VI Sem
42	BRIJ MOHAN TRIVEDI	MADAN GOPAL TRIVEDI	B.Sc. VI Sem
43	BRIJENDRA KUMAR	SHRAVAN KUMAR	B.Sc. VI Sem
44	BRIJESH SHUKLA	JAGDAMBA PRASAD SHUKLA	B.Sc. VI Sem

List of Participants (M.Sc. & B.Sc. Zoology)

45	DURGESH KUMAR	RAM KISHOR	B.Sc. VI Sem
46	GULSHAN MISHRA	RAM SHANKAR MISHRA	B.Sc. VI Sem
47	HARI OM SHUKLA	UMA SHANKAR SHUKLA	B.Sc. VI Sem
48	HIMANSHU MISHRA	BADSHAH MISHRA	B.Sc. VI Sem
49	JAIDEEP SHUKLA	MADHAV RAJ SHUKLA	B.Sc. VI Sem
50	JAINENDRA KUMAR	HEERA LAL	B.Sc. VI Sem
51	JEET GUPTA	DURGA PRASAD GUPTA	B.Sc. VI Sem
52	KAMAL PANDEY	GHANSHYAM PANDEY	B.Sc. VI Sem
53	KANHAIYA LAL SONI	SRWAN KUMAR SONI	B.Sc. VI Sem
54	KANHAIYA YADAV	BADALU YADAV	B.Sc. VI Sem
55	KARUNANIDHAN TIWARI	NARENDRA TIWARI	B.Sc. VI Sem
56	ATUL TIWARI	SATISH CHANDRA TIWARI	B.Sc. VI Sem
57	AVADH NARESH MISHRA	PARMATMADIN MISHRA	B.Sc. VI Sem
58	BABBU VERMA	MUNSHI LAL VERMA	B.Sc. VI Sem
59	BHANU PRATAP SAURABH	VISHWANATH	B.Sc. VI Sem
60	BHUPENDRA KUMAR MISHRA	SHIV KUMAR MISHRA	B.Sc. VI Sem
61	BRIJ MOHAN TRIVEDI	MADAN GOPAL TRIVEDI	B.Sc. VI Sem
62	BRIJENDRA KUMAR	SHRAVAN KUMAR	B.Sc. VI Sem
63	BRIJESH SHUKLA	JAGDAMBA PRASAD SHUKLA	B.Sc. VI Sem
64	DURGESH KUMAR	RAM KISHOR	B.Sc. VI Sem
65	GULSHAN MISHRA	RAM SHANKAR MISHRA	B.Sc. VI Sem
66	HARI OM SHUKLA	UMA SHANKAR SHUKLA	B.Sc. VI Sem



  
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# 2023-24

**SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA**

Department of Zoology



**5 Days Workshop**  
Organized by  
Department of Zoology  
in Collaboration with  
Centre for Genetic Disorders,  
Banaras Hindu University, Varanasi  
On  
**"Techniques in Genetic Analysis"**  
(April 12-16, 2024)

**[ WORKSHOP REPORT ]**

5 Days Workshop on "Techniques in Genetic Analysis".



  
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# Workshop on "TECHNIQUES IN GENETIC ANALYSIS"

## Resource Persons



**DR. AKHTAR ALI**

Coordinator, Centre for  
Genetic Disorder, BHU,  
Varanasi, UP



**PROF. R.K. PANDEY**

Principal, SLBS Degree  
College, Gonda.



**SHISHIR TRIPATHI**

Head, Deptt. of Zoology,  
SLBS Degree College, Gonda.



**DR. PUSHYAMITRA  
MISHRA**

Head, Deptt. of Chemistry,  
SLBS Degree College, Gonda.

**DATES & VENUE:** April 12 to 16, 2024, Deptt. of Zoology, SLBSDC, Gonda  
@ 11:00 am

## Inaugural Lecture

By

**Prof. R.K. Pandey**

**(11.00 am to 11.30 am)**

**High Tea**

**(11.30 am to 11.45 am)**

## Keynote Speakers

Lecture 1 <b>(11.30 am to 12.45 pm)</b>	Lecture 2 <b>(12.45 pm to 1.30 pm)</b>	Lunch Break <b>(1.30 pm To 02.00 pm)</b>	Lecture 3 <b>(2.00 pm to 02.45 pm)</b>	Lecture 4 <b>(2.45 pm to 03.30pm)</b>
Dr. Akhtar Ali Centre for Genetic Disorders Banaras Hindu University <b>Varanasi</b>	Prof. R. K. Pandey Dept. of Botany SLBSDC, Gonda		Shishir Tripathi HOD, Zoology SLBSDC Gonda	Dr. Pushyamitra Mishra Dept. of Chemistry SLBSDC Gonda



I am pleased to present a detailed report on the successful completion of the workshop on "Techniques in Genetic Analysis," which was organized by the Department of Zoology, Shri Lal Bahadur Shastri Degree College, Gonda, in collaboration with the Centre for Genetic Disorder, Institute of Science, BHU, Varanasi. The workshop was conducted from April 12, 2024, to April 16, 2024, with the aim of providing M.Sc. Zoology students with comprehensive insights into various genetic analysis techniques.

### **1. Workshop Overview:**

- Title: Techniques in Genetic Analysis
- Duration: April 12, 2024, to April 16, 2024
- Venue: Shri Lal Bahadur Shastri Degree College, Gonda
- Organizers: Department of Zoology, Shri Lal Bahadur Shastri Degree College, Gonda
- Collaborator: Centre for Genetic Disorder, Institute of Science, BHU, Varanasi
- Target Audience: M.Sc. Zoology students

### **2. Resource Persons:**

- Dr. Akhtar Ali, Coordinator, Centre for Genetic Disorder, Institute of Science, BHU, Varanasi
- Professor R. K. Pandey, Principal, Shri Lal Bahadur Shastri Degree College, Gonda
- Shishir Tripathi, Head, Department of Zoology, Shri Lal Bahadur Shastri Degree College, Gonda
- Dr. Pushyamitra Mishra, Head, Department of Chemistry, Shri Lal Bahadur Shastri Degree College, Gonda

### **3. Workshop Sessions:**

#### **Day 1: April 12, 2024**

##### **Technical Session 1: Introduction to Genetic Analysis Techniques**

- Dr. Akhtar Ali provided an insightful overview of various genetic analysis techniques, including PCR, gel electrophoresis, DNA sequencing, and microarray analysis.
- Participants gained a foundational understanding of the principles and applications of these techniques in genetics research.
- Dr. Ali elucidated key concepts, such as DNA amplification, fragment separation, and mutation detection, through engaging examples and case studies.

##### **Technical Session 2: Basics of Molecular Biology in Genetic Analysis**

- Shishir Tripathi delved into the fundamental principles of molecular biology and their relevance to genetic analysis.

- Participants learned about DNA structure, replication, transcription, and translation, laying the groundwork for understanding advanced genetic analysis techniques.
- The session included hands-on demonstrations and interactive discussions to reinforce theoretical concepts and enhance learning outcomes.

### **Day 2: April 13, 2024**

#### **Technical Session 3: Advanced Genetic Analysis Techniques**

- Dr. Akhtar Ali explored advanced genetic analysis techniques, such as next-generation sequencing (NGS), CRISPR-Cas9 genome editing, and RNA interference (RNAi).
- Participants gained insights into the latest advancements in genetic analysis technology and their applications in genome-wide studies, functional genomics, and gene editing.
- Dr. Ali elucidated the workflow, advantages, and limitations of each technique, empowering participants to make informed decisions in their research endeavors.

#### **Technical Session 4: Chemical Methods in Genetic Analysis**

- Dr. Pushyamitra Mishra provided an overview of chemical methods employed in genetic analysis, including chemical mutagenesis, DNA labeling, and nucleic acid hybridization.
- Participants learned about the chemical agents and protocols used to induce mutations, label DNA probes, and detect specific nucleic acid sequences.
- The session highlighted the importance of chemical methods in genetic research and their implications for understanding genotype-phenotype relationships and genetic disorders.

### **Day 3: April 14, 2024**

#### **Technical Session 5: Practical Applications of Genetic Analysis Techniques**

- Dr. Akhtar Ali demonstrated practical applications of genetic analysis techniques in various fields, including medicine, agriculture, and forensic science.
- Participants gained hands-on experience in designing experiments, analyzing data, and interpreting results using genetic analysis tools.
- Dr. Ali shared real-world examples and case studies to illustrate the impact of genetic analysis on solving practical problems and advancing scientific knowledge.

#### **Technical Session 6: Bioinformatics in Genetic Analysis**

- Shishir Tripathi introduced participants to the field of bioinformatics and its role in genetic analysis.
- Participants learned about bioinformatics databases, tools, and algorithms used for sequence alignment, genome annotation, and phylogenetic analysis.

- The session included practical exercises to familiarize participants with bioinformatics software and databases, enabling them to integrate computational approaches into their genetic analysis workflows.

#### **Day 4: April 15, 2024**

##### **Technical Session 7: Current Trends in Genetic Analysis**

- Dr. Akhtar Ali discussed current trends and emerging technologies in genetic analysis, such as single-cell sequencing, spatial transcriptomics, and epigenetics.
- Participants gained insights into cutting-edge research areas and potential future directions in genetic analysis.
- Dr. Ali emphasized the importance of staying updated with the latest advancements in the field to remain competitive and innovative in research endeavors.

##### **Technical Session 8: Ethical Considerations in Genetic Analysis Research**

- Professor R. K. Pandey led a thought-provoking discussion on ethical considerations in genetic analysis research, including informed consent, privacy protection, and equitable access to genetic information.
- Participants engaged in ethical dilemmas and case studies to explore the ethical implications of genetic research and its societal impact.
- The session underscored the importance of adhering to ethical principles and guidelines in conducting genetic analysis research and maintaining public trust and confidence.

#### **Day 5: April 16, 2024**

##### **Technical Session 9: Case Studies and Practical Demonstrations in Genetic Analysis**

- Shishir Tripathi presented case studies and practical demonstrations showcasing the application of genetic analysis techniques in solving real-world problems.
- Participants observed hands-on demonstrations of experimental techniques, data analysis methods, and result interpretation strategies.
- The session provided participants with valuable insights into the practical implementation of genetic analysis techniques and their potential impact on scientific research and innovation.

#### **4. Workshop Outcomes:**

- Participants gained insights into various genetic analysis techniques, including molecular biology, bioinformatics, and chemical methods.
- Interactive sessions facilitated knowledge exchange and lively discussions among participants and resource persons.
- Participants appreciated the relevance and applicability of the workshop content in their academic and research pursuits.

## 5. Feedback:

- Feedback from participants was overwhelmingly positive, with many expressing gratitude for the opportunity to enhance their understanding of genetic analysis techniques.
- Participants highlighted the quality of the sessions and the expertise of the resource persons.

## 6. Conclusion:

- The workshop concluded successfully, achieving its objectives of providing participants with comprehensive knowledge and practical skills in genetic analysis techniques.
- The collaboration between the Department of Zoology, Shri Lal Bahadur Shastri Degree College, Gonda, and the Centre for Genetic Disorder, Institute of Science, BHU, Varanasi, was instrumental in the success of the workshop.



List of Participants (M.Sc. Zoology)

S.NO.	ROLL NO.	STUDENT NAME	FATHER NAME
1	22040200111201	MUKESH KUMAR YADAV	NARENDRA BAHADUR
2	22040200111202	SALEEM SHAHJADE	SHAHID ALI
3	22040200111203	SHIVAM	AYODHYA PRASAD
4	22040200111204	SIDDHARTHA SINGH	ARUN KUMAR SINGH
5	22040200111205	AKANSHA SINGH	PRADEEP SINGH
6	22040200111206	ANSHU MAURYA	CHINTA RAM MAURYA
7	22040200111207	FATMA KHATUN	SHAHJAHAN AHMAD
8	22040200111208	GUDIYA DEVI	RAJ KARAN
9	22040200111209	KM AKANKSHA VERMA	VIVEKANAND VERMA
10	22040200111210	KM ROSHANI DEVI	RAM KRIPAL
11	22040200111211	KM SAUMYA DEVI	DEVENDRA KUMAR TIWARI
12	22040200111212	KM SONAL CHATURVEDI	SRI INDRA KUMAR CHATURVEDI
13	22040200111214	LUCKY TIWARI	ASHOK KUMAR TIWARI
14	22040200111215	MADHU	HEERA LAL
15	22040200111216	MANSI PANDEY	SHANTANU KUMAR PANDEY
16	22040200111217	MEENAKSHI CHATURVEDI	CHANDRA PRAKASH
17	22040200111218	NIDA KHATOON	JAMAL AHMAD
18	22040200111219	PAMMY KANOJIYA	VANSHRAJ KANOJIYA
19	22040200111220	PRAGYA SINGH	RAM NARAYAN SINGH
20	22040200111221	PREETI PATHAK	AVADHESH KUMAR PATHAK
21	22040200111222	PRIYA SINGH	PAPPU SINGH
22	22040200111223	REETA VISHWAKARMA	BALAKRAM VISHWAKARMA
23	22040200111224	RIDA KHAN	IZHARUL HUDA KHAN
24	22040200111225	SAKEENA	BADRUDDUJA
25	22040200111226	SANIYA BEGAM	LAIQ KHAN
26	22040200111227	SAPANA JAISWAL	MAHESH JAISWAL
27	22040200111228	SHAHNAJ BANO	MOHD MOBEEN
28	22040200111229	SHAYESTA RAHMAN	ABDUR RAHMAN
29	22040200111230	SONAM SAHU	DEEPAK KUMAR SAHU
30	22040200111231	SUGAM SINGH	SURYA BAKASH SINGH
31	22040200111232	SUGANDHA RAJ SRIVASTAVA	RAJESH KUMAR SRIVASTAV
32	22040200111233	TABASSUM BANO	ABDUL HALEEM
33	22040200111234	VAISHNAVI SINGH	VEER PRATAP SINGH
34	22040200111235	VANDANA TIWARI	MAHESH DUTT TIWARI
35	22040200111236	VERSAH GOND	ANIL KUMAR GOND
36	22040200111237	VIDUSHI SRIVASTAVA	KUNWAR RAKESH CHANDRA



  
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# 2023-24

**SHRI LAL BHADUR SHASTRI DEGREE COLLEGE  
GONDA**

Department of Zoology



**A One Day Workshop**

Organized by  
Department of Zoology

On

SHRI LAL BHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

**"Medical Entomology"**

(December 12, 2023)



**[ WORKSHOP REPORT ]**

A one day workshop on "Medical Entomology".



SHRI LAL BHADUR SHASTRI DEGREE COLLEGE, GONDA  
श्री लाल बहादुर शास्त्री डिग्री कॉलेज, गोण्डा  
AN AFFILIATED COLLEGE OF DR RAMMANOHAR LOHIA AVADH UNIVERSITY, AYODHYA, (U.P)

**Department of Zoology**  
**One Day Workshop**

(December 12, 2023)

**On**  
**Medical Entomology**

**Organized by**  
**Department of Zoology, SLBSDC, Gonda**

## Keynote Speakers

Lecture 1 (11.30 am to 12.45 pm)	Lecture 2 (12.45 pm to 1.30 pm)	Lunch Break (1.30 pm To 02.00 pm)	Lecture 3 (2.00 pm to 02.45 pm)	Lecture 4 (2.45 pm to 03.30pm)
Prof. Mukul Sinha Former Head, Deptt. of Zoology SLBSDC, Gonda	Prof. Ashok Kumar Dept. of Zoology MLKPG College, Balrampur		Shishir Tripathi HOD, Zoology SLBSDC Gonda	Dr. Satish K Tiwari Dept. of Zoology SLBSDC Gonda

# Report on One Day Workshop on "Medical Entomology"

**Date:** 12th December 2023

**Venue:** Zoology Lab, Science Campus, Sri L.B.S. Degree College, Gonda

**Participants:** M.Sc. Zoology Students

**Organized by:** Department of Zoology, Sri L.B.S. Degree College, Gonda

## Overview

The Department of Zoology at Sri L.B.S. Degree College, Gonda, organized a one-day workshop on "Medical Entomology" on December 12, 2023. The event aimed to provide in-depth knowledge on the role of insects in medical science, particularly their relevance in the transmission of diseases and public health. The workshop was an enriching experience for the participants, who were M.Sc. Zoology students eager to enhance their understanding of medical entomology.

## Chief Speaker

**Professor Mukul Sinha**, Former Head, Department of Zoology, Sri L.B.S. Degree College, Gonda, was the chief speaker at the workshop. He is a renowned figure in the field of zoology with a particular expertise in medical entomology. His extensive experience and research in the field made his session a valuable learning experience for the participants.

## Other Speakers

The workshop also featured several prominent speakers who contributed their insights and expertise to the subject matter:

1. **Professor Ashok Kumar**, Head, Department of Zoology, MLK PG College, Balrampur – Professor Kumar highlighted the importance of studying entomology for the early detection and control of vector-borne diseases. He emphasized the role of various insects such as mosquitoes, flies, and fleas in transmitting diseases like malaria, dengue, chikungunya, and typhus.
2. **Dr. Satish Kumar Tiwari**, Assistant Professor, Department of Zoology, Sri L.B.S. Degree College, Gonda – Dr. Tiwari discussed the modern techniques used in the identification and control of insect vectors. He explained how advancements in molecular biology and bioinformatics are aiding in tracking and controlling the spread of diseases by these vectors.
3. **Mr. Shishir Tripathi**, Head, Department of Zoology, Sri L.B.S. Degree College, Gonda – Mr. Tripathi focused on the local and regional relevance of medical entomology. He provided insights into the prevalence of certain vector-borne

diseases in the Gonda and Balrampur regions and discussed effective strategies for public health management.

## Key Topics Discussed

1. **Insects as Vectors of Disease:** The workshop began with a detailed explanation of how insects serve as vectors, transmitting pathogens that cause diseases in humans. Mosquitoes, which transmit malaria, dengue, and yellow fever, were extensively discussed.
2. **Life Cycles of Key Medical Insects:** The participants were introduced to the life cycles of various insects, such as mosquitoes (*Anopheles*, *Aedes*, *Culex*), ticks, and fleas, to understand how they propagate diseases. The discussion also involved how environmental factors influence these life cycles and contribute to disease outbreaks.
3. **Public Health and Disease Control:** Strategies for controlling insect populations and reducing the risk of disease transmission were explored. Speakers emphasized the role of insecticides, environmental management, and community health awareness campaigns.
4. **Role of Entomology in Research:** The importance of medical entomology in research, particularly in the development of vaccines and insect-resistant crops, was discussed. The speakers stressed the need for continuous research in this area to better understand disease vectors and control methods.
5. **Recent Advances in Medical Entomology:** The latest research and technological advancements in medical entomology, including the use of genetic engineering to control insect populations and the application of remote sensing technology to predict disease outbreaks, were shared with the audience.

## Interactive Sessions

The workshop featured interactive sessions where students engaged with the speakers in question-and-answer sessions. This allowed participants to clarify doubts and expand on their understanding of specific topics. The interaction between students and experts fostered a productive learning environment, encouraging critical thinking and research-oriented discussion.

## Conclusion

The one-day workshop on Medical Entomology proved to be a highly informative event. The sessions provided participants with a comprehensive understanding of the role of insects in disease transmission and public health, while also introducing them to the latest research and technological advancements in the field. The presence of distinguished experts, such as Professor Mukul Sinha and other eminent speakers, made the event intellectually enriching. It was well-received by the M.Sc. Zoology students, who left with valuable knowledge and inspiration for future research in the field of medical entomology.







List of Participants (M.Sc. Zoology)

S.No.	ROLL NO.	STUDENT NAME	FATHER NAME
1	23040200111201	ABHISHEK KUMAR	HAJARI LAL
2	23040200111202	ALOK MISHRA	RAJ KARAN MISHRA
3	23040200111204	NARAYAN DUTT SONKAR	RAM BHAWAN SONKAR
4	23040200111205	SUMIT	PINNU
5	23040200111206	AFZA SIDDIQUI	MABOOD AHMAD SIDDIQUI
6	23040200111207	ANANYA MISHRA	ANAND KUMAR MISHRA
7	23040200111208	ANSHIKA RASTOGI	ASHOK RASTOGI
8	23040200111209	ANTIMA SINGH	SURJAN SINGH
9	23040200111210	ANUSHKA	SANTOSH KUMAR
10	23040200111211	AYUSHI SINGH	SANTOSH KUMAR SINGH
11	23040200111212	BEENU TIWARI	ASHOK KUMAR TIWARI
12	23040200111213	DEEPTI	SURYA LAL
13	23040200111214	DIVYANSHI PANDEY	DHEERAJ KUMAR PANDEY
14	23040200111215	DIVYANSHI SINGH	SURENDRA BAHADUR SINGH
15	23040200111216	FIZA SALMANI	MOHD SHARIF SALMANI
16	23040200111217	HANIFA ISLAM	IZHAR KHAN
17	23040200111218	JAYA PANDEY	SHEESH NARAYAN PANDEY
18	23040200111219	KAJAL PANDAY	RAJESH KUMAR PANDAY
19	23040200111220	KOMAL	BANWARI LAL
20	23040200111221	MANSI	JAI PRAKASH
21	23040200111222	MUSKAN JAISWAL	BACHCHA PRASAD JAISWAL
22	23040200111223	PRAGATI TIWARI	PAWAN KUMAR TIWARI
23	23040200111224	PREETI KANAUJIYA	PRAKASH CHANDRA KANAUJIYA
24	23040200111225	PRIYANKA SHUKLA	SATYADEV SHUKLA
25	23040200111226	RAJNI SHARMA	INDRA BHAN SHARMA
26	23040200111227	ROLI MISHRA	KANHAIYA LAL MISHRA
27	23040200111228	SADIYA SIDDIQUI	MUJIBUR RAHMAN SIDDIQUI
28	23040200111229	SAKSHI GUPTA	LALJI GUPTA
29	23040200111230	SANA	ASHRAF ALI
30	23040200111231	SAUMYA SINGH	DINESH BAHADUR SINGH
31	23040200111232	SAVITA KUMARI	NAGENDRA PRASAD
32	23040200111233	SHALINI GIRI	MAHESH KUMAR GIRI
33	23040200111234	SHANTI KASHYAP	SHIV SHANKER KASHYAP
34	23040200111235	SHUBHANGI MISHRA	RAKESH KUMAR MISHRA
35	23040200111236	TOSHI YAGYASENI	ANOOP KUMAR YAGYASENI
36	23040200111237	VAATIKA SINGH	LALJI SINGH
37	23040200111238	VISHAKHA DUBEY	NARENDRA KUMAR DUBEY



  
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**SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA  
DEPARTMENT OF AGRICULTURE**



**One Day Seminar  
Under  
Intellectual Property Rights (IPR)  
on**

**“To protect goods or services produced in Agriculture sector”**

**Date: March 28, 2023**



  
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## **Seminar Report**

### **Inaugural Lecture By**



**Dr. Smita Singh,  
Department of Agriculture  
SLBSDC GONDA  
(10.00 am to 11.00 am)**

**High Tea- (11.00 am to 11.30 am)**

## Keynote Speakers

**Lecture 1:**  
**Introduction to  
IPR and its  
Scope**  
(11.30 am to  
12.45 pm)



**Prof. Sharwan  
Kumar Srivastava,  
HoD, Department  
of Botany**

**Lecture 2: Agriculture  
Trade Policy, Promotion  
and Logistics  
Development**  
(12.45 pm to 01.30  
pm)



**Dr. Ghanshyam Dwivedi  
HoD, Department of  
Agriculture**

**Lecture 3:  
Agricultural  
Marketing:  
Concept and  
Definitions**  
(02.00 pm to 02.45 pm)



**Dr. Vinay Kumar  
Pandey, Assistant  
Professor,  
Department of  
Agriculture**

**Lecture 4:  
Challenges &  
Future  
Directions**  
(02.45 pm to 03.30  
pm)



**Dr. Dharmendra  
Pratap Singh,  
Assistant Professor,  
Department of  
Agriculture**

**Lunch Break (1.30 pm-2.00 pm)**

**Venue:**

**Smt. Lalita Shastri Sabhagar, Shri Lal Bahadur Shastri Degree College, Gonda**

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Vice-President

**President**

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**Prof. Sharwan Kumar Srivastava**  
Head, Department of Botany

**Organizing Secretary**

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Assistant Professor, Department of Agriculture

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Department of Botany

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Department of Agriculture

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Singh**  
Assistant Professor,  
Department of Agriculture

**Mr. Avanish Mishra**  
Assistant Professor,  
Department of Agriculture

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Shishir Tripathi, Deptt of Zoology  
Santosh Kumar Srivastava, Deptt. of Physics  
Sri Manish Sharma, Deptt. of Mathematics  
Dr. Vivek Kumar Khare, SLBSDC, Gonda  
Dr. Sanjay Kumar Verma, SLBSDC, Gonda  
Dr. Satish Kumar Tiwari, SLBSDC, Gonda  
Dr. Ashok Kumar Pandey, SLBSDC, Gonda  
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Prof. Binod Pratap Singh, SLBSDC, Gonda  
Prof. Aman Chandra, SLBSDC, Gonda  
Prof. Deena Nath Tiwari, SLBSDC, Gonda  
Prof. Vijay Kr Agrawal, SLBSDC, Gonda  
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Dr. Shailja Singh, SLBSDC, Gonda  
Dr. Smriti Shishir, SLBSDC, Gonda  
Dr. Neetu Saxena, SLBSDC, Gonda



One day seminar under IPR on “To protect goods or services produced in Agriculture sector” organised by the Department of Agriculture on March 28, 2023 in the college auditorium. Varsha Singh was the resource person. She gave a brief introduction on IPR and explained the various related terms such as copyrights, patents etc.

The workshop was carried out in 3 sessions

**1st session:** The introductory session was taken by the speaker. In this session, a complete introduction on intellectual properties, intellectual property laws & their clauses. In this session, the students were taught about the Intellectual Property Rights & their principles. Also the students were given enough information about how to use this knowledge to proceed forward in a startup company. Also they have been taught how to use intellectual property laws in case of injustice and the legal options available in Indian judicial system.

**2nd session:** Complete information on intellectual properties like patent, copyright, trademark, design, trade secret etc was given. Also the speaker explained the difference between these topics, also the validity for each right, judicial law available under each right & the limitations of each right.

**3rd session:** This was an activity session for the students where students were given an activity to come up with an innovative idea, solution & presentation for the given problem statements. Also the students were needed to inculcate how the students can use the above taught intellectual property rights, claim the benefits & get security in their start-ups

The program was concluded by the valedictory session which was undergone in presence of Principal SLBSDC, Gonda and all teachers where each participant was awarded by a certificate of participation. Also each student organiser was awarded by a certificate of appreciation.

### **Acknowledgments**

We extend our sincere thanks to all the speakers, participants, sponsors, and organizers who contributed to the success of the seminar. Special thanks to Prof. Ravindra Kumar (Principal) for their invaluable support and guidance throughout the planning and execution of the event.



  
Principal  
Shri Lal Bahadur Shastri Degree College  
Gonda

Sr. No.	List of Participant	
1	Nagesh kumar pandey	M.Sc-Botany Year-2
2	RADHA MISHRA	M.Sc-Botany Year-2
3	JYOTI MISHRA	M.Sc-Botany Year-2
4	jjyoti dwivedi	M.Sc-Botany Year-2
5	VAISHNAVI OJHA	M.Sc-Botany Year-2
6	shivani sharma	M.Sc-Botany Year-2
7	pranshi tiwari	M.Sc-Botany Year-2
8	kajal tiwari	M.Sc-Botany Year-2
9	SHIVANI	M.Sc-Botany Year-2
10	HARI OM SARAN	M.Sc-Botany Year-2
11	KARAN TRIPATHI	M.Sc-Botany Year-2
12	ROLLY VERMA	M.Sc-Botany Year-2
13	manshi	M.Sc-Botany Year-2
14	kumkum shukla	M.Sc-Botany Year-2
15	NISBA FATIMA	M.Sc-Botany Year-2
16	MAHIMA KANAUIYA	M.Sc-Botany Year-2
17	POORNIMA PANDEY	M.Sc-Botany Year-2
18	AISHA AFZAL	M.Sc-Botany Year-2
19	VANDANA DEVI	M.Sc-Botany Year-2
20	ANSHIKA	M.Sc-Botany Year-2
21	KALPANA SINGH	M.Sc-Botany Year-2
22	MITHLESH JAISWAL	M.Sc-Botany Year-2
23	MANSI SINGH	M.Sc-Botany Year-2
24	Diksha sharma	M.Sc-Botany Year-2
25	PALLAVI PANDEY	M.Sc-Botany Year-2
26	ANKITA SONI	M.Sc-Botany Year-2
27	sadia khan	M.Sc-Botany Year-2
28	soni shukla	M.Sc-Botany Year-2
29	Afreen Bano	M.Sc-Botany Year-2
30	RUQAIYA FATIMA	M.Sc-Botany Year-2
31	RAJESH KUMAR	M.Sc-Botany Year-2
32	SHAMBHAVI TIWARI	M.Sc-Botany Year-2
33	MANJEET MISHRA	M.Sc-Botany Year-2
34	reena mishra	M.Sc-Botany Year-2
35	AYESHA BANO	M.Sc-Botany Year-2
36	RICHA SINGH	M.Sc-Botany Year-2
37	km soumya shukla	M.Sc-Botany Year-2
38	PALAK SRIVASTAVA	M.Sc-Chemistry Semester-1
39	ANKIT TIWARI	M.Sc-Chemistry Semester-1
40	neha pandey	M.Sc-Chemistry Semester-1
41	khushboo kasaundhan	M.Sc-Chemistry Semester-1
42	ANURAG MISHRA	M.Sc-Chemistry Semester-1
43	MOHIT TIWARI	M.Sc-Chemistry Semester-1
44	DHARMENDRA MISHRA	M.Sc-Chemistry Semester-1
45	JITENDRA SHUKLA	M.Sc-Chemistry Semester-1
46	YUGAL SINGH	M.Sc-Chemistry Semester-1

47	shivanjali pathak	M.Sc-Chemistry Semester-1
48	LALIT KUMAR	M.Sc-Chemistry Semester-1
49	chanchal pandey	M.Sc-Chemistry Semester-1
50	SONAM CHAUDHARY	M.Sc-Chemistry Semester-1
51	VIBHA TIWARI	M.Sc-Chemistry Semester-1
52	KIRTI SINGH	M.Sc-Chemistry Semester-1
53	rekha	M.Sc-Chemistry Semester-1
54	ASTHA SINGH	M.Sc-Chemistry Semester-1
55	manjay	M.Sc-Chemistry Semester-1
56	RAVI TIWARI	M.Sc-Chemistry Semester-1
57	VIKAS KUMAR SHARMA	M.Sc-Chemistry Semester-1
58	manisha verma	M.Sc-Chemistry Semester-1
59	vivek kumar	M.Sc-Chemistry Semester-1
60	SATYA OM TIWARI	M.Sc-Chemistry Semester-1
61	SATYA PRAKASH	M.Sc-Chemistry Semester-1
62	MAHENDRA PRATAP VERMA	M.Sc-Chemistry Semester-1
63	MONU VERMA	M.Sc-Chemistry Semester-1
64	VIVEK KUMAR	M.Sc-Chemistry Semester-1
65	SHASHANK DWIVEDI	M.Sc-Chemistry Semester-1
66	ALOK KUMAR TIWARI	M.Sc-Chemistry Semester-1
67	PINTU MISHRA	M.Sc-Chemistry Semester-1
68	MAYANK MANI MISHRA	M.Sc-Chemistry Semester-1
69	GULAB CHANDRA VERMA	M.Sc-Chemistry Semester-1
70	satish chand	M.Sc-Chemistry Semester-1
71	ROLI TIWARI	M.Sc-Chemistry Semester-1
72	RAM SHANKER	M.Sc-Chemistry Semester-1
73	SHIVNATH	M.Sc-Chemistry Semester-1
74	POOJA MISHRA	M.Sc-Chemistry Semester-1
75	upesh tiwari	M.Sc-Chemistry Semester-1
76	KM KHUSHBU TIWARI	M.Sc-Chemistry Semester-1
77	SONALI	M.Sc-Chemistry Semester-1
78	RAMAN SINGH	M.Sc-Chemistry Semester-1
79	MANISH KUMAR CHAUDHARY	M.Sc-Chemistry Semester-1
80	SHIV POOJAN	M.Sc-Chemistry Year-2
81	DIVYANSH PRATAP SINGH	M.Sc-Chemistry Year-2
82	archana	M.Sc-Chemistry Year-2
83	RAJNISH TIWARI	M.Sc-Chemistry Year-2
84	KANHAIYA LAL	M.Sc-Chemistry Year-2
85	Swati tiwari	M.Sc-Chemistry Year-2
86	SURYA PRAKASH	M.Sc-Chemistry Year-2
87	sanskriti pandey	M.Sc-Chemistry Year-2
88	neetu pandey	M.Sc-Chemistry Year-2
89	km pratima jaiswal	M.Sc-Chemistry Year-2
90	SHIVANGI MANJHWAR	M.Sc-Chemistry Year-2
91	SACHIN MISHRA	M.Sc-Chemistry Year-2
92	VIPIN YADAV	M.Sc-Chemistry Year-2
93	SHIV POOJAN	M.Sc-Chemistry Year-2

94	SANDEEP GUPTA	M.Sc-Chemistry Year-2
95	km sukanya verma	M.Sc-Chemistry Year-2
96	Bhaskar Mishra	M.Sc-Chemistry Year-2
97	Roli Mishra	M.Sc-Chemistry Year-2
98	anamika singh	M.Sc-Chemistry Year-2
99	SHABBEER AHMAD	M.Sc-Chemistry Year-2
100	Vinay kumar upadhyay	M.Sc-Chemistry Year-2
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102	ANKIT KUMAR MISHRA	M.Sc-Chemistry Year-2
103	MANSI PATHAK	M.Sc-Chemistry Year-2
104	Kajal shukla	M.Sc-Chemistry Year-2
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107	KIRTIVARDHAN KUSHWAHA	M.Sc-Chemistry Year-2
108	siddhi singh	M.Sc-Chemistry Year-2
109	MARUTENDRA TIWARI	M.Sc-Chemistry Year-2
110	PALLAVI SINGH	M.Sc-Chemistry Year-2
111	shivam mishra	M.Sc-Chemistry Year-2
112	DURGESH KUMAR PANDEY	M.Sc-Chemistry Year-2
113	BAIJ NATH GUPTA	M.Sc-Chemistry Year-2
114	NIDHI DUBEY	M.Sc-Chemistry Year-2
115	ANJALI PATHAK	M.Sc-Physics Year-2
116	AMBALIKA SINGH	M.Sc-Physics Year-2
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118	km roshni shukla	M.Sc-Physics Year-2
119	RAGHVENDRA PRATAP	M.Sc-Physics Year-2
120	sandip kumar	M.Sc-Physics Year-2
121	MUSKAN GUPTA	M.Sc-Physics Year-2
122	MAHIMA PATHAK	M.Sc-Physics Year-2
123	HARSHA GUPTA	M.Sc-Physics Year-2
124	NANDITA BHARTI	M.Sc-Physics Year-2
125	KM SHRUTI KUMARI	M.Sc-Physics Year-2
126	PRIYA SHUKLA	M.Sc-Physics Year-2
127	NIHARIKA BHARTI	M.Sc-Physics Year-2
128	VANDANA JAISWAL	M.Sc-Physics Year-2
129	mata prasad yadav	M.Sc-Physics Year-2
130	vaishnavi shukla	M.Sc-Physics Year-2
131	pragya pandey	M.Sc-Physics Year-2
132	KM SHRADDHA SRIVASTAVA	M.Sc-Physics Year-2
133	PRADUMNA	M.Sc-Physics Year-2
134	ANUBHUTI SINGH	M.Sc-Physics Year-2
135	AMIT KUMAR MISHRA	M.Sc-Physics Year-2
136	MANOJKUMAR	M.Sc-Physics Year-2
137	SANDIP KUMAR MISHRA	M.Sc-Physics Year-2
138	VISHAL MISHRA	M.Sc-Physics Year-2
139	SHUBHAM VAISHYA	M.Sc-Physics Year-2
140	brijesh kumar pal	M.Sc-Physics Year-2

141	MONU KUMAR	M.Sc-Physics Year-2
142	ALOK KUMAR	M.Sc-Physics Year-2
143	RIYA TIWARI	M.Sc-Physics Year-2
144	uzma ansari	M.Sc-Physics Year-2
145	KAVITA PANDEY	M.Sc-Physics Year-2
146	riya singh	M.Sc-Physics Year-2
147	TULSIRAMPAL	M.Sc-Physics Year-2
148	SHWETA GUPTA	B.Sc Agricultural Semester-4
149	rohit kumar arya	B.Sc Agricultural Semester-4
150	VIVEK TIWARI	B.Sc Agricultural Semester-4
151	AMBRISH KUMAR	B.Sc Agricultural Semester-4
152	anil kumar verma	B.Sc Agricultural Semester-4
153	Jai Prakash shukla	B.Sc Agricultural Semester-4
154	SHASHI BHUSHAN SINGH	B.Sc Agricultural Semester-4
155	NEERAJ MISHRA	B.Sc Agricultural Semester-4
156	SANDEEP KUMAR SHUKLA	B.Sc Agricultural Semester-4
157	PANKAJ VERMA	B.Sc Agricultural Semester-4
158	NEERAJ RAO	B.Sc Agricultural Semester-4
159	SANDEEP KUMAR	B.Sc Agricultural Semester-4
160	SUBHAM KUMAR SHUKLA	B.Sc Agricultural Semester-4
161	ROHIT TIWARI	B.Sc Agricultural Semester-4
162	SHESHMANI SHUKLA	B.Sc Agricultural Semester-4
163	sanjay mishra	B.Sc Agricultural Semester-4
164	AVNEESH GUPTA	B.Sc Agricultural Semester-4
165	gaurav mishra	B.Sc Agricultural Semester-4
166	VIVEK KUMAR SHUKLA	B.Sc Agricultural Semester-4
167	BHANU PRAKASH TIWARI	B.Sc Agricultural Semester-4
168	ravi kumar	B.Sc Agricultural Semester-4
169	adarsh singh	B.Sc Agricultural Semester-4
170	KAUSHLENDRA PRATAP SINGH	B.Sc Agricultural Semester-4
171	shreya singh	B.Sc Agricultural Semester-4
172	AKHILESH KUMAR SHUKLA	B.Sc Agricultural Semester-4
173	DEV PRAKASH TIWARI	B.Sc Agricultural Semester-4
174	Shri Prakash Shukla	B.Sc Agricultural Semester-4
175	palak srivastava	B.Sc Agricultural Semester-4
176	krishna kumar	B.Sc Agricultural Semester-4
177	Nishant Dube	B.Sc Agricultural Semester-4
178	HIMANSHU CHATURVEDI	B.Sc Agricultural Semester-4
179	Akash Kumar Mishra	B.Sc Agricultural Semester-4
180	DURGESH TIWARI	B.Sc Agricultural Semester-4
181	ALOK KUMAR TIWARI	B.Sc Agricultural Semester-4
182	RAM KUSHAL	B.Sc Agricultural Semester-4
183	ADARSH SINGH	B.Sc Agricultural Semester-4
184	DURGESH	B.Sc Agricultural Semester-4
185	mohit pandey	B.Sc Agricultural Semester-4
186	PRASHANT MISHRA	B.Sc Agricultural Semester-4
187	FAIZAN ALI ANSARI	B.Sc Agricultural Semester-4



188	UMESH KANAUIYA	B.Sc Agricultural Semester-4
189	Mrityunjay Shukla	B.Sc Agricultural Semester-4
190	shiv shankar trivedi	B.Sc Agricultural Semester-4
191	Abhyuday shukla	B.Sc Agricultural Semester-4
192	MOHD NAEEM	B.Sc Agricultural Semester-4
193	MOHD SADIQ ALAM	B.Sc Agricultural Semester-4
194	deependra kumar chaurasia	B.Sc Agricultural Semester-4
195	SHAILENDRA PRATAP SINGH	B.Sc Agricultural Semester-4
196	AMIT TIWARI	B.Sc Agricultural Semester-4
197	RAHUL MAURYA	B.Sc Agricultural Semester-4
198	ASHUTOSH PANDEY	B.Sc Agricultural Semester-4
199	vishal kumar rao	B.Sc Agricultural Semester-4
200	MOHIT YADAV	B.Sc Agricultural Semester-4
201	masood ansari	B.Sc Agricultural Semester-4
202	RAHUL DUBEY	B.Sc Agricultural Semester-4
203	RAJESH KUMAR YADAV	B.Sc Agricultural Semester-4
204	SAMRIDH YADAV	B.Sc Agricultural Semester-4
205	JAI KISHAN GUPTA	B.Sc Agricultural Semester-4
206	ARVIND KUMAR	B.Sc Agricultural Semester-4
207	NUTAN SINGH	B.Sc Agricultural Semester-4
208	AKHILESH KUMAR YADAV	B.Sc Agricultural Semester-4
209	JATA SHANKER	B.Sc Agricultural Semester-4
210	ANUPRIYA JAISWAL	B.Sc Agricultural Semester-4
211	SAURABH KUMAR VERMA	B.Sc Agricultural Semester-4
212	HARISH	B.Sc Agricultural Semester-4
213	sachin mishra	B.Sc Agricultural Semester-4
214	VIKAS KUMAR MISHRA	B.Sc Agricultural Semester-4
215	vineet mishra	B.Sc Agricultural Semester-4
216	Harsh Ruhela	B.Sc Agricultural Semester-4
217	SANJAY VERMA	B.Sc Agricultural Semester-4
218	RASHMI CHAURASIYA	B.Sc Agricultural Semester-4
219	muneerah siddique	B.Sc Agricultural Semester-4
220	avanish maurya	B.Sc Agricultural Semester-4
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234	RAHUL BAJPAYEE	B.Sc Agricultural Semester-4

235	ANKITA MISHRA	B.Sc Agricultural Semester-4
236	VANDANA TIWARI	B.Sc Agricultural Semester-4
237	sanober khatoon	B.Sc Agricultural Semester-4
238	neeraj tiwari	B.Sc Agricultural Semester-4
239	SATYENDRA SINGH	B.Sc Agricultural Semester-4
240	Anchal soni	B.Sc Bio Year-3
241	MANISH GOSWAMI	B.Sc Bio Year-3
242	jagdamba sharan sahu	B.Sc Bio Year-3
243	LAXMI SAHU	B.Sc Bio Year-3
244	rajit ram verma	B.Sc Bio Year-3
245	RAGINI PANDEY	B.Sc Bio Year-3
246	PRATIBHA GAUTAM	B.Sc Bio Year-3
247	Anamika Srivastva	B.Sc Bio Year-3
248	RUPALI SHUKLA	B.Sc Bio Year-3
249	SHANTI KASHYAP	B.Sc Bio Year-3
250	anshika tiwari	B.Sc Bio Year-3
251	Deepika Verma	B.Sc Bio Year-3
252	sakshi srivastva	B.Sc Bio Year-3
253	NISHA MAURYA	B.Sc Bio Year-3
254	UMA YADAV	B.Sc Bio Year-3
255	Amit KUMAR SINGH	B.Sc Bio Year-3
256	SHANI	B.Sc Bio Year-3
257	RUBY MISHRA	B.Sc Bio Year-3
258	PINKY YADAV	B.Sc Bio Year-3
259	unnat verma	B.Sc Bio Year-3
260	ANJANI DEVI	B.Sc Bio Year-3
261	GIRIJA SHANKAR TIWARI	B.Sc Bio Year-3
262	priya mishra	B.Sc Bio Year-3
263	anand kumar	B.Sc Bio Year-3
264	KM NEHA GAUTAM	B.Sc Bio Year-3
265	AKEESH KUMAR SONKAR	B.Sc Bio Year-3
266	AKASH VERMA	B.Sc Bio Year-3
267	BHASHKAR	B.Sc Bio Year-3
268	soni pandey	B.Sc Bio Year-3
269	rahul gupta	B.Sc Bio Year-3
270	vishal maurya	B.Sc Bio Year-3
271	SARVESH YADAV	B.Sc Bio Year-3
272	JIYA JAISWAL	B.Sc Bio Year-3
273	HITESH KUMAR KAUSHAL	B.Sc Bio Year-3
274	LAKSHMI MISHRA	B.Sc Bio Year-3
275	Mahtab Husain	B.Sc Bio Year-3
276	Himanshi Gaur	B.Sc Bio Year-3
277	Raman Shukla	B.Sc Bio Year-3
278	SUNAINA BAJPEI	B.Sc Bio Year-3
279	abhinandan tiwari	B.Sc Bio Year-3
280	YASHEE GUPTA	B.Sc Bio Year-3
281	abhilasha yadav	B.Sc Bio Year-3

282	SUBODH CHANDRA	B.Sc Bio Year-3
283	DIVYANSHI SINGH	B.Sc Bio Year-3
284	SAKSHI GUPTA	B.Sc Bio Year-3
285	ANKET PANDEY	B.Sc Bio Year-3
286	SHUBHI TIWARI	B.Sc Bio Year-3
287	KOMAL TIWARI	B.Sc Bio Year-3
288	KM MONU SHUKLA	B.Sc Bio Year-3
289	vikash kumar mishra	B.Sc Bio Year-3
290	SUBHAM KUMAR SHUKLA	B.Sc Bio Year-3
291	AshraH Meraj	B.Sc Bio Year-3
292	Mukesh Jayswal	B.Sc Bio Year-3
293	LAXMI JAISWAL	B.Sc Bio Year-3
294	UTKARSH SINGH	B.Sc Bio Year-3
295	pankaj mishra	B.Sc Bio Year-3
296	Ashutosh Mishra	B.Sc Bio Year-3
297	SUBHASH CHANDRA	B.Sc Bio Year-3
298	ajay kumar gautam	B.Sc Bio Year-3
299	TUSHAR BHATT	B.Sc Bio Year-3
300	vishnu singh	B.Sc Bio Year-3
301	rahul kumar	B.Sc Bio Year-3
302	SURYA PRAKASH CHATURVEDI	B.Sc Bio Year-3



  
**PRINCIPAL**  
 SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
 GONDA (UP)

2023

SHRI LAL BHADUR SHASTRI  
DEGREE COLLEGE GONDA

DEPARTMENT OF ZOOLOGY



One Day Seminar  
Under Intellectual Property Rights  
Organized by  
Department of Zoology and IQAC  
On



Use of Biopesticides in  
Integrated Pest Management

  
PRINCIPAL  
SHRI LAL BHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

(IPM)

(January 19, 2023)

[ SEMINAR REPORT ]

A one-day seminar under intellectual property rights on IPM

Shri Lal Bahadur Shastri Degree College, Gonda



One Day Seminar on Intellectual Property Rights  
Topic: Use of Biopesticides in Integrated Pest Management (IPM)

Date: 19/01/2023

Time:- 10.00 am – 04.00 pm

Organized by  
Department of Zoology, SLBSDC, Gonda

**Inaugural Lecture**

**By**



**Prof. Mukul Sinha**  
**Head, Department of Zoology**  
**SLBSDC GONDA**  
(10.00 am to 11.00 am)

**High Tea- (11.00 am to 11.30 am)**

## Keynote Speakers

### Lecture 1: Introduction to Biopesticides

(11.30 am to 12.45 pm)



### Lecture 2: Biopesticides in action: Case Studies

(12.45 pm to 01.30 pm)



### Lecture 3: Integration of Biopesticides

(02.00 pm to 02.45 pm)



### Lecture 4: Challenges & Future Directions

(02.45 pm to 03.30 pm)



Lunch Break  
(1.30 pm-2.00 pm)

**Shishir Tripathi**

Dept. of Zoology  
SLBSDC, Gonda

**Dr. Sadguru  
Prakash**

Dept. of Zoology  
MLK PG College  
Balrampur

**Dr. Ashok Kumar**

Dept. of Zoology  
MLK PG College  
Balrampur

**Dr. Satish Tiwari**

Dept. of Zoology  
SLBSDC, Gonda

### Venue:

Smt. Lalita Shastri Sabhagar, Shri Lal Bahadur Shastri Degree College, Gonda

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**A One Day Seminar  
Under Intellectual Property Rights  
Organized  
Department of Zoology  
And  
IQAC- SLBSDC  
On**

**Use of Biopesticides in Integrated  
Pest Management (IPM)**

**Introduction**

The seminar on "Exploring the Role of Biopesticides in Integrated Pest Management (IPM)" was held with the aim of investigating the multifaceted aspects of biopesticides and their integration into IPM strategies. The seminar was organized in response to the escalating concerns over environmental sustainability, food safety, and public health, emphasizing the need for adopting eco-friendly and sustainable approaches to pest management.

**Keynote Address**

The seminar commenced with a keynote address, highlighting the importance of biopesticides in addressing the challenges posed by conventional chemical pesticides. The speaker emphasized the need for a paradigm shift towards sustainable pest management practices and outlined the potential benefits of integrating biopesticides into IPM frameworks.

**Session 1: Introduction to Biopesticides**

The first session focused on understanding the diverse types of biopesticides, their modes of action, and their suitability for different pest management scenarios. Speakers discussed the mechanisms underlying biopesticides and highlighted their specificity towards target pests, thus reducing the risk of resistance development. Case studies were presented to illustrate the efficacy of biopesticides in controlling various pests while minimizing environmental impact.

**Session 2: Case Studies and Success Stories**

The fourth session showcased real-world examples of successful biopesticide applications in various agricultural systems. Speakers shared their experiences with implementing biopesticides, highlighting their efficacy, economic benefits, and environmental sustainability. Case studies ranged from small-scale organic farms to large commercial operations, demonstrating the versatility of biopesticides in different agricultural contexts.

### **Session 3: Integration with IPM**

The third session explored effective strategies for integrating biopesticides into broader IPM programs. Speakers discussed the importance of incorporating biopesticides as part of an integrated approach to pest management, highlighting their synergistic effects with other control methods such as cultural practices and biological control agents. Case studies were presented to demonstrate successful integration strategies and their impact on pest control efficacy.

### **Session 2: Advantages, Challenges and Future Directions**

The second session delved into the advantages and challenges associated with the use of biopesticides in comparison to conventional chemical pesticides. Speakers discussed the reduced toxicity levels of biopesticides, their minimal residue buildup, and their compatibility with organic farming practices. However, challenges such as efficacy, regulatory frameworks, and commercial viability were also addressed, emphasizing the need for further research and development in this field. The final session identified emerging trends, research priorities, and opportunities for innovation in the field of biopesticides. Speakers discussed the potential for developing novel formulations, improving delivery systems, and expanding the range of biopesticides available for different crops and pests. Participants engaged in lively discussions on future directions for research and development, emphasizing the importance of collaboration between academia, industry, and government agencies.

### **Conclusion**

In conclusion, the seminar provided valuable insights into the role of biopesticides in integrated pest management. Participants gained a deeper understanding of the benefits and challenges associated with biopesticide use and explored strategies for effectively integrating biopesticides into sustainable pest management practices. The seminar facilitated knowledge exchange, collaboration, and networking among researchers, practitioners, policymakers, and industry stakeholders, laying the groundwork for future advancements in this critical field.

### **Recommendations**

Based on the discussions and presentations at the seminar, the following recommendations are proposed:

- Encourage further research and development in biopesticide technology to address existing challenges and expand their applicability.
- Promote greater awareness and education on the benefits of biopesticides among farmers, policymakers, and consumers.
- Facilitate collaboration between academia, industry, and government agencies to support innovation and technology transfer in biopesticide development.
- Establish regulatory frameworks that streamline the registration and approval process for biopesticides while ensuring safety and efficacy standards are met.

## Acknowledgments

We extend our sincere thanks to all the speakers, participants, sponsors, and organizers who contributed to the success of the seminar. Special thanks to Prof. Ravindra Kumar (Principal) for their invaluable support and guidance throughout the planning and execution of the event.

## Next Steps

Moving forward, it is essential to build upon the momentum generated by the seminar and continue advocating for the adoption of biopesticides in integrated pest management. Follow-up activities such as workshops, training programs, and collaborative research projects should be pursued to further advance sustainable pest management practices and enhance agricultural productivity.



  
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314	sahreen BANO	B.Sc Bio Year-3
315	RUPAM RITIKA	B.Sc Bio Year-3
316	ANCHAL DUBEY	B.Sc Bio Year-3
317	Neha Bhaskar	B.Sc Bio Year-3
318	SHIVANI DUBEY	B.Sc Bio Year-3
319	MANISH TIWARI	B.Sc Bio Year-3
320	Pranjal pandey	B.Sc Bio Year-3
321	KISHAN KUMAR	B.Sc Bio Year-3
322	JAANHAVI BRIJESH	B.Sc Bio Year-3
323	KEERTI VISHVAKARMA	B.Sc Bio Year-3
324	KRISHNA KANT TIWARI	B.Sc Bio Year-3
325	apurva	B.Sc Bio Year-3
326	ANSHIKA SINGH	B.Sc Bio Year-3
327	AWDHESH KUMAR	B.Sc Bio Year-3
328	Sajid Ansari	B.Sc Bio Year-3

329	pallavi tiwari	B.Sc Bio Year-3
330	vikash kumar tiwari	B.Sc Bio Year-3
331	ARPITA SINGH	B.Sc Bio Year-3
332	UTTAM SHUKLA	B.Sc Bio Year-3
333	UMESH KUMAR YADAV	B.Sc Bio Year-3
334	SUDHESH KUMAR MAURYA	B.Sc Bio Year-3
335	SANJAY MANI	B.Sc Bio Year-3
336	SHIVAM KUMAR TIWARI	B.Sc Bio Year-3
337	SONI KANAUJIA	B.Sc Bio Year-3
338	RAMSHA JAMEEL	B.Sc Bio Year-3
339	SAUMYA SINGH	B.Sc Bio Year-3
340	KARISHMA SAHNI	B.Sc Bio Year-3



  
**PRINCIPAL**  
 SHRI LAL BHADUR SHASTRI DEGREE COLLEGE  
 GONDA (UP)



## क्रियात्मक शोध संगोष्ठी : रपट

दिनांक 30 मार्च 2023 को लाल बहादुर शास्त्री महाविद्यालय गोण्डा के शोध केंद्र, आईक्यूएसी और हिंदी विभाग और आचार्य नरेंद्र देव किसान स्ना. महाविद्यालय बभनान, गोण्डा के हिंदी विभाग और आइक्यूएसी के संयुक्त तत्वावधान में एक दिवसीय क्रियात्मक शोध संगोष्ठी आयोजित की गई; जिसके दो अलग-अलग सत्रों का विषय था - 'तुलसी जन्मभूमि विवाद : सर्वमान्य निर्णय के उपागम' और गाँव का इतिहास लेखन : स्थिति, स्वरूप और संभावनाएँ।

मुख्य अतिथि एवं वक्ता के रूप में हिंदी के प्रसिद्ध विद्वान गुरुमह प्रो. सूर्य प्रसाद दीक्षित ने तुलसीदास के जन्मभूमि संबंधी विवाद पर शोधपरक दृष्टि से विचार करते हुए बाह्य एवं अन्तःसाक्ष्य सहित सभी पक्षों को प्रस्तुत किया। जातव्य है कि इस विषय पर काफी पहले आचार्य प्रवर दीक्षित द्वारा लखनऊ विश्वविद्यालय के हिंदी विभाग के नेतृत्व में गौडा, बांदा और एटा का स्थलीय सर्वेक्षण, निरीक्षण करते हुए तर्कसंगत निष्कर्ष तक पहुंचने का प्रयास किया गया था। एक निश्चित तिथि मुकर्रर कर विवादित तीनों स्थानों के प्रतिनिधि दस-दस विद्वानों को लखनऊ विश्वविद्यालय में आमंत्रित कर तीन न्यायमूर्तियों के समक्ष अपना पक्ष प्रस्तुत करने के लिए कहा था। परंतु पक्ष प्रस्तुति के क्रम में आए विद्वान सटीक साक्ष्य प्रस्तुत नहीं कर सके, परिणामस्वरूप कोई नतीजा नहीं निकला और यह विवाद बना रहा।

प्रोफेसर दीक्षित ने बीती सदी के अंतिम दशक में तुलसी जन्मभूमि संबंधी तर्कों, तथ्यों, सर्वेक्षणों, परिसंवादों के सार तत्त्व को समाहित करते हुए 'तुलसी जन्मभूमि' शीर्षक से एक पुस्तक भी लिखी थी, जो इसके शोधक के लिए आधार पुस्तक के रूप में मान्य है। आचार्य नरेंद्र देव किसान महाविद्यालय बभनान के सुखधाम सभागार में आयोजित संगोष्ठी में विचार प्रस्तुत करते हुए आचार्य प्रवर दीक्षित ने कहा कि हमें निष्पक्ष होकर एक अनुसंधाता की तरह तुलसीदास की जन्मभूमि को तलाशने में जुटने की जरूरत है। इस अवसर पर दोनों महाविद्यालयों द्वारा आचार्य प्रवर दीक्षित जी का अभिनंदन भी किया गया। उद्घाटन सत्र में प्रसिद्ध कवि अवनोद नाथ मिश्र 'विनोद' ने ऐसे विमर्शात्मक कार्यक्रम की महत्ता स्पष्ट की।

विषय-प्रवर्तन करते हुए एलबीएस कॉलेज गौडा के हिंदी विभागाध्यक्ष एवं शोध केंद्र के निदेशक प्रो. शैलेंद्र नाथ मिश्र ने क्रियात्मक शोध संगोष्ठी के उद्देश्य, संकल्पना और महत्व को रेखांकित किया। इस अवसर पर उन्होंने घोषणा की कि तुलसी जन्मभूमि के संबंध में विद्वानों के विचार-विमर्श और शोध संबंधी आलोचन-विलोचन के उपरांत इसके निर्णय हेतु माननीय उच्च न्यायालय के समक्ष जनहित याचिका दायर की जाएगी और सर्वमान्य निर्णय तक पहुंचने का संवैधानिक प्रयत्न किया जाएगा। इस मौके पर प्रोफेसर शैलेंद्र नाथ मिश्र द्वारा आचार्य नरेंद्र देव किसान पीजी कॉलेज के प्राचार्य प्रोफेसर धर्मेन्द्र कुमार शुक्ल को भारत के संविधान की मूल सचित्र हस्तलिखित प्रति भेंट की गई और लोकतंत्र के उस महान आधार ग्रंथ को महाविद्यालय में पीठ बनाकर प्रदर्शित करने की अपील की।

एएनडी किसान कॉलेज, बभनान के प्राचार्य प्रो. धर्मेन्द्र कुमार शुक्ल ने आगंतुक अभ्यागतों, अतिथियों समेत समस्त शोधार्थियों, विद्यार्थियों और प्राध्यापकों का स्वागत किया। इस अवसर पर बहराइच की डॉ. लतिका सिंह की पुस्तक 'समकालीन हिंदी कहानी : यथार्थ के अभिनव आयाम' और उमाशंकर शुक्ल के गज़ल संग्रह 'काजल काजल हुआ शहर' का विमोचन किया गया।

डॉ. राममनोहर लोहिया अवध विश्वविद्यालय महाविद्यालय शिक्षक संघ के महामंत्री डॉ. जितेंद्र सिंह ने समस्त प्राध्यापकों, शोधार्थियों, अतिथियों, अभ्यागतों के प्रति आभार व्यक्त किया। एलबीएस कॉलेज गोंडा के प्रभारी प्राचार्य प्रो. दीनानाथ तिवारी ने शोध संगोष्ठी के आयोजन की भूरि-भूरि प्रशंसा की। उद्घाटन सत्र का संचालन क्रियात्मक शोध संगोष्ठी के आयोजन सचिव प्रो. जयशंकर तिवारी, हिंदी विभाग, एलबीएस कॉलेज गोंडा ने किया।

समापन सत्र में 'गांव का इतिहास लेखन: स्थिति स्वरूप एवं संभावनाएं' विषयक संगोष्ठी की अध्यक्षता मुख्य अतिथि एवं वक्ता वरिष्ठ साहित्यकार डॉ. सूर्यपाल सिंह ने की। इस सत्र में एलबीएस कॉलेज गोंडा के अंग्रेजी विभागाध्यक्ष डॉ. वी. सी. एच. एन. के. श्रीनिवास राव, भूगोल विभाग के सेवानिवृत्त प्राध्यापक डॉ. मिथिलेश मिश्र, एएनडी किसान कॉलेज बभनान के समाजशास्त्र प्राध्यापक डॉ. आलोक त्रिपाठी, शोधार्थी अनुपमा सहित कई विशेषज्ञों ने अपने शोध पत्र का वाचन किया। डॉ. सुशील कुमार शुक्ल, सेवानिवृत्त प्राध्यापक, प्राचीन इतिहास विभाग ने ऑनलाइन माध्यम से गांव के इतिहास लेखन की महत्ता पर प्रकाश डाला।

अध्यक्षीय उद्बोधन में विद्वान लेखक डॉ. सूर्यपाल सिंह ने कहा कि भारत की आत्मा गांवों में बसती है। हमें शहरों से गांव की ओर लौटना होगा। अगर गांव में अशिक्षित, अशक्त, ज्ञानहीन, तेजहीन लोग रहेंगे तो गांव का विकास कैसे होगा? इस मौके पर उन्होंने यह भी कहा कि दुनिया भर में फैले हुए भारतवंशी अपने मूल की ओर लौटते हैं, तब उन्हें संतोष, शांति और बहुत खुशी मिलती है। उन्होंने यह भी कहा कि इतिहास को केवल राजा-रानी की कहानी नहीं होना चाहिए। उसमें आम जनता का इतिहास होना चाहिए और यह तभी संभव है जब गांव का इतिहास कायदे से लिखा जाए। संगोष्ठी के संयोजक डॉ. सत्य प्रकाश शुक्ल, प्रभारी, हिंदी विभाग, बभनान डिग्री कॉलेज ने सब के प्रति आभार जापित किया। समापन सत्र का संचालन डॉ. प्रदीप पांडेय बी.एड. विभाग, डिग्री कॉलेज बभनान ने किया।

इस अवसर पर लाल बहादुर शास्त्री महाविद्यालय गोण्डा से प्रो. संजय कुमार पांडेय, गणित विभाग, प्रो. मंशाराम वर्मा, संस्कृत विभाग, डॉ. पुष्यमित्र मिश्र, रसायन विज्ञान विभाग, मनीष शर्मा, गणित विभाग, संतोष श्रीवास्तव, भौतिक विज्ञान विभाग, डॉ. वंदना भारतीय, अंग्रेजी विभाग, डॉ. रवि कांत ओझा, डॉ. मनोज मिश्र, डॉ. डी. एन. पांडेय, अंकित मौर्य, शोभित मौर्य सहित तीन दर्जन प्राध्यापक शामिल हुए। आयोजन में श्री अच्युत शुक्ल, सहायक आचार्य, एलबीएस कॉलेज गोंडा की सक्रिय सहभागिता सराहनीय रही। इसके अतिरिक्त बहराइच से नीरज पांडेय, बेलसर गोण्डा से डॉ. सर्वजीत मिश्र, पयागपुर से राजेश चौबे, उच्च न्यायालय से अधिवक्ता गणेश नाथ मिश्र, गोण्डा जनपद न्यायालय से अधिवक्ता राजेश ओझा, सुरेंद्र मिश्र, मौखिक इतिहास के विशेषज्ञ डॉ. ओंकार नाथ शुक्ल, डॉ. विष्णु शंकर तिवारी, लक्ष्मी नाथ पांडेय, चंद्र प्रकाश पांडेय सहित अनेक सुधीजन शोध संगोष्ठी में सम्मिलित हुए। आचार्य नरेंद्र देव किसान स्नातकोत्तर महाविद्यालय बभनान के प्राध्यापक डॉ. अखिलेंद्र कुमार शुक्ल, डॉ. दिनेश कुमार, डॉ. नमित सिंह, डॉ. आलोक, डॉ. विपिन शुक्ल, डॉ. श्रवण शुक्ल सहित दर्जनों प्राध्यापक एवं शोधार्थियों तथा पी.जी. के. विद्यार्थियों ने कार्यक्रम में सहभाग किया।

एलबीएस कॉलेज गोंडा का शोध केंद्र, आइक्यूएसी और हिंदी विभाग दोनों महाविद्यालयों की प्रबंध समितियों एवं प्राचार्यों सहित सभी गणमान्य अतिथियों, आचार्यों, शोधार्थियों एवं शिक्षार्थियों के साथ आयोजन समिति के सभी सम्मान्य शिक्षक साथियों के प्रति हार्दिक आभार व्यक्त करता है।



*SAM*  
Principal  
Shri Lal Bahadur Shastri Degree College  
Gonda

Sr. No.	List of Participant	
1	RUBI MISHRA	M.A-Hindi Literature Semester-1
2	dharmendra kuldeep	M.A-Hindi Literature Semester-1
3	Dipti kaushal	M.A-Hindi Literature Semester-1
4	ANJALI	M.A-Hindi Literature Semester-1
5	KM SHALINI MOURYA	M.A-Hindi Literature Semester-1
6	PRIYA PANDEY	M.A-Hindi Literature Semester-1
7	MAUSAM DEVI	M.A-Hindi Literature Semester-1
8	ARTI YADAV	M.A-Hindi Literature Semester-1
9	SHIV PRAKASH BHARTI	M.A-Hindi Literature Semester-1
10	ABHISHEK SHUKLA	M.A-Hindi Literature Semester-1
11	SHASHIKANT TIWARI	M.A-Hindi Literature Semester-1
12	sunil tiwari	M.A-Hindi Literature Semester-1
13	RAnjeesh	M.A-Hindi Literature Semester-1
14	AYASHA BANO	M.A-Hindi Literature Semester-1
15	JAGRITI SINGH	M.A-Hindi Literature Semester-1
16	durgeshwari	M.A-Hindi Literature Semester-1
17	jyoti devi	M.A-Hindi Literature Semester-1
18	KHUSHBU YADAV	M.A-Hindi Literature Semester-1
19	RICHA KASAUDHAN	M.A-Hindi Literature Semester-1
20	ANITA YADAV	M.A-Hindi Literature Semester-1
21	AKANKSHA OJHA	M.A-Hindi Literature Semester-1
22	ARJUN YADAV	M.A-Hindi Literature Semester-1
23	NIRANJAN	M.A-Hindi Literature Semester-1
24	KM BABY SHUKLA	M.A-Hindi Literature Semester-1
25	SAUMYA KASAUDHAN	M.A-Hindi Literature Semester-1
26	subi bano	M.A-Hindi Literature Semester-1
27	ANISH GUPTA	M.A-Hindi Literature Semester-1
28	ANKIT KUMAR TIWARI	M.A-Hindi Literature Semester-1
29	shalini jaiswal	M.A-Hindi Literature Semester-1
30	MANSHI YADAV	M.A-Hindi Literature Semester-1
31	PUSHKAR BABU	M.A-Hindi Literature Semester-1
32	KM LALITA DEVI	M.A-Hindi Literature Semester-1
33	km anjali tomar	M.A-Hindi Literature Semester-1
34	poonam	M.A-Hindi Literature Semester-1
35	DEEPAK KUMAR PANDEY	M.A-Hindi Literature Semester-1
36	MONI	M.A-Hindi Literature Semester-1
37	SONIYA	M.A-Hindi Literature Semester-1
38	MUKESH TIWARI	M.A-Hindi Literature Semester-1
39	khushboo yadav	M.A-Hindi Literature Semester-1
40	roshani dubey	M.A-Hindi Literature Semester-1
41	sachin paswan	M.A-Hindi Literature Semester-1
42	MANISH KUMAR YADAV	M.A-Hindi Literature Semester-1
43	km saumya singh	M.A-Hindi Literature Semester-1
44	KM NIKKI DEVI	M.A-Hindi Literature Semester-1
45	SHALINI PANDEY	M.A-Hindi Literature Semester-1
46	shraddha singh	M.A-Hindi Literature Semester-1

47	nidhee singh	M.A-Hindi Literature Semester-1
48	PRIYANKA DWIVEDI	M.A-Hindi Literature Semester-1
49	KM DEEPTI	M.A-Hindi Literature Semester-1
50	sarita ojha	M.A-Hindi Literature Semester-1
51	POOJA TIWARI	M.A-Hindi Literature Semester-1
52	KM DIVYANI	M.A-Hindi Literature Semester-1
53	SATYAM MISHRA	M.A-Hindi Literature Semester-1
54	VIKASH PANDEY	M.A-Hindi Literature Semester-1
55	VANDANA SHUKLA	M.A-Hindi Literature Semester-1
56	MAHIMA SINGH	M.A-Hindi Literature Semester-1
57	LALJI SHUKLA	M.A-Hindi Literature Semester-1
58	suraj tiwari	M.A-Hindi Literature Semester-1
59	SHALINI DEVI	M.A-Hindi Literature Semester-1
60	KAJAL MISHRA	M.A-Hindi Literature Semester-1
61	KAJAL SAHU	M.A-Hindi Literature Semester-1
62	RAVINDRA PANDEY	M.A-Hindi Literature Semester-1
63	shashi singh	M.A-Hindi Literature Semester-1
64	NIDHI SHUKLA	M.A-Hindi Literature Semester-1
65	CHANDANI	M.A-Hindi Literature Semester-1
66	REEMA SHUKLA	M.A-Hindi Literature Semester-1
67	KM ANURADHA PANDEY	M.A-Hindi Literature Semester-1
68	rajani singh	M.A-Hindi Literature Semester-1
69	ROSHNI DEVI	M.A-Hindi Literature Semester-1
70	vaishnavi	M.A-Hindi Literature Semester-1
71	SHAFaq KHAN	M.A-Hindi Literature Semester-1
72	KAVITA TIWARI	M.A-Hindi Literature Semester-1
73	ROLI SINGH	M.A-Hindi Literature Semester-1
74	MAHIMA OJHA	M.A-Hindi Literature Semester-1
75	SHAN MOHAMMAD	M.A-Hindi Literature Semester-1
76	sarita devi	M.A-Hindi Literature Year-2
77	km shalini mishra	M.A-Hindi Literature Year-2
78	KM SARITA SINGH	M.A-Hindi Literature Year-2
79	ankit kumar vishwakarma	M.A-Hindi Literature Year-2
80	PREETI SHUKLA	M.A-Hindi Literature Year-2
81	SHIWANI GUPTA	M.A-Hindi Literature Year-2
82	SUNIT KUMAR	M.A-Hindi Literature Year-2
83	AMIT PRATAP SINGH	M.A-Hindi Literature Year-2
84	shyam bihari ojha	M.A-Hindi Literature Year-2
85	TANISHA THAKUR	M.A-Hindi Literature Year-2
86	mahima mishra	M.A-Hindi Literature Year-2
87	ankita tripathi	M.A-Hindi Literature Year-2
88	HINA KAUSAR	M.A-Hindi Literature Year-2
89	FARHEEN KAUSAR	M.A-Hindi Literature Year-2
90	ANJALI SONI	M.A-Hindi Literature Year-2
91	MANTASA BANO	M.A-Hindi Literature Year-2
92	CHANDANI PATHAK	M.A-Hindi Literature Year-2
93	rakesh kumar verma	M.A-Hindi Literature Year-2

94	Sumit kumar mishra	M.A-Hindi Literature Year-2
95	KALPANA TIWARI	M.A-Hindi Literature Year-2
96	HARIKESH VISHWAKARMA	M.A-Hindi Literature Year-2
97	AARTI DEVI	M.A-Hindi Literature Year-2
98	SADHANA SINGH	M.A-Hindi Literature Year-2
99	lakshmi yadav	M.A-Hindi Literature Year-2
100	KM SHILPI PANDEY	M.A-Hindi Literature Year-2
101	SHEELU TIWARI	M.A-Hindi Literature Year-2
102	KM AKANKSHA TIWARI	M.A-Hindi Literature Year-2
103	pooja tiwari	M.A-Hindi Literature Year-2
104	ANCHAL SINGH	M.A-Hindi Literature Year-2
105	PRADEEP KUMAR VISHWAKARMA	M.A-Hindi Literature Year-2
106	km kanchan gupta	M.A-Hindi Literature Year-2
107	PUSHPA CHAUHAN	M.A-Hindi Literature Year-2
108	km reshmi	M.A-Hindi Literature Year-2
109	PARUL SINGH	M.A-Hindi Literature Year-2
110	pooja gupta	M.A-Hindi Literature Year-2
111	VINOD KUMAR GUPTA	M.A-Hindi Literature Year-2
112	anamika tiwari	M.A-Hindi Literature Year-2
113	POOJA PANDEY	M.A-Hindi Literature Year-2
114	shri nath pandey	M.A-Hindi Literature Year-2
115	richa tiwari	M.A-Hindi Literature Year-2
116	MANISH YADAV	M.A-Hindi Literature Year-2
117	BITTU YADAV	M.A-Hindi Literature Year-2
118	POORNIMA MISHRA	M.A-Hindi Literature Year-2
119	KM ROSNI BHASKER	M.A-Hindi Literature Year-2
120	RICHA	M.A-Hindi Literature Year-2
121	MOHIT KUMAR TIWARI	M.A-Hindi Literature Year-2
122	MAHIMA SHUKLA	M.A-Hindi Literature Year-2
123	SANGEETA	M.A-Hindi Literature Year-2
124	Jantri maurya	M.A-Hindi Literature Year-2
125	SHWETA SRIVASTAVA	M.A-Hindi Literature Year-2
126	shiv shankar yadav	M.A-Hindi Literature Year-2
127	NISHA YADAV	M.A-Hindi Literature Year-2
128	km goldi	M.A-Hindi Literature Year-2
129	km shimpi	M.A-Hindi Literature Year-2
130	km antima	M.A-Hindi Literature Year-2
131	PUSHPLATA	M.A-Hindi Literature Year-2
132	LUXMI JAISWAL	M.A-Hindi Literature Year-2
133	shweta singh	M.A-Hindi Literature Year-2
134	MOHIT GUPTA	M.A-Hindi Literature Year-2
135	gudiya tiwari	M.A-Hindi Literature Year-2
136	VIJAY KUMAR SINGH	M.A-Hindi Literature Year-2
137	AARTI DEVI	M.A-Hindi Literature Year-2
138	SARITA	M.A-Hindi Literature Year-2
139	SEETA SINGH	M.A-Hindi Literature Year-2
140	ATUL KUMAR PANDEY	M.A-Hindi Literature Year-2



141	SONI PANDEY	M.A-Hindi Literature Year-2
142	RANJEET KUMAR TIWARI	M.A-Hindi Literature Year-2
143	RITESH SINGH	M.A-Hindi Literature Year-2
144	VAISHANVI DUBEY	M.A-Hindi Literature Year-2
145	mohit kumar	M.A-Hindi Literature Year-2
146	PRITI	M.A-Hindi Literature Year-2
147	NITYA GOSWAMI	M.A-Hindi Literature Year-2
148	PUSHPENDRA KUMAR	M.A-Hindi Literature Year-2
149	SARIYAM NISHA	M.A-Hindi Literature Year-2
150	asish kumar pandey	M.A-Hindi Literature Year-2
151	reshmi kashyap	M.A-Hindi Literature Year-2
152	ADITYA MAURYA	M.A-Hindi Literature Year-2
153	somil shukla	M.A-Political Science Semester-1
154	IRAM ANSARI	M.A-Political Science Semester-1
155	RUBI YADAV	M.A-Political Science Semester-1
156	DIVAYANSHU	M.A-Political Science Semester-1
157	KM POOJA VISHWAKARMA	M.A-Political Science Semester-1
158	KM AASTHA	M.A-Political Science Semester-1
159	KHUSHBU VERMA	M.A-Political Science Semester-1
160	JYOTI KUMARI SHUKLA	M.A-Political Science Semester-1
161	SAUMYA SINGH	M.A-Political Science Semester-1
162	AVNEESH KUMAR	M.A-Political Science Semester-1
163	RIMSHA bano	M.A-Political Science Semester-1
164	sarojani kumari	M.A-Political Science Semester-1
165	vandana tiwari	M.A-Political Science Semester-1
166	pushpa yadav	M.A-Political Science Semester-1
167	DWARIKA PRASAD	M.A-Political Science Semester-1
168	KRISHAN PRATAP SINGH	M.A-Political Science Semester-1
169	km archana maurya	M.A-Political Science Semester-1
170	PAPPU YADAV	M.A-Political Science Semester-1
171	PRAVESH KUMAR	M.A-Political Science Semester-1
172	anchal pandey	M.A-Political Science Semester-1
173	SANDEEP GOSWAMI	M.A-Political Science Semester-1
174	ANCHAL SINGH	M.A-Political Science Semester-1
175	ALOK KUMAR PANDEY	M.A-Political Science Semester-1
176	PRIYANKA TIWARI	M.A-Political Science Semester-1
177	mansi vishwakarma	M.A-Political Science Semester-1
178	KHUSHBOO MISHRA	M.A-Political Science Semester-1
179	ADARSH KUMAR VERMA	M.A-Political Science Semester-1
180	POOJA KANOJIYA	M.A-Political Science Semester-1
181	ANCHAL GUPTA	M.A-Political Science Semester-1
182	RAMESH KUMAR PRAJAPATI	M.A-Political Science Semester-1
183	ANAMIKA KASAUDHAN	M.A-Political Science Semester-1
184	ARBIYA KHATOON	M.A-Political Science Semester-1
185	amit kumar tiwari	M.A-Political Science Semester-1
186	VASHISHT MISHRA	M.A-Political Science Semester-1
187	ALOK TIWARI	M.A-Political Science Semester-1

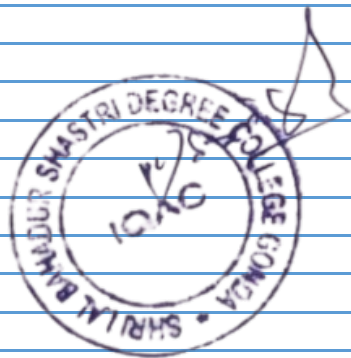
188	ABHISHEK KUMAR	M.A-Political Science Semester-1
189	phool mati	M.A-Political Science Semester-1
190	VIRENDRA KUMAR BHARTI	M.A-Political Science Semester-1
191	sudiksha singh	M.A-Political Science Semester-1
192	PANKAJ KUMAR MISHRA	M.A-Political Science Semester-1
193	KHUSHBOO PANDEY	M.A-Political Science Semester-1
194	neetu yadav	M.A-Political Science Semester-1
195	Ram bahadur chauhan	M.A-Political Science Semester-1
196	MOHIT JAISWAL	M.A-Political Science Semester-1
197	ABHAY PRATAP SINGH	M.A-Political Science Semester-1
198	RAVINDRA KUMAR SHUKLA	M.A-Political Science Semester-1
199	LAKI SINGH	M.A-Political Science Semester-1
200	KM PRATIMA SINGH	M.A-Political Science Semester-1
201	rukhsar balmiki	M.A-Political Science Semester-1
202	ASHUTOSH PRATAP SINGH	M.A-Political Science Semester-1
203	vaishnavi singh	M.A-Political Science Semester-1
204	HARISH DUBEY	M.A-Political Science Semester-1
205	KHUSHBU DEVI	M.A-Political Science Semester-1
206	saurabh shukla	M.A-Political Science Semester-1
207	UPENDRA KUMAR	M.A-Political Science Semester-1
208	RAHUL YADAV	M.A-Political Science Semester-1
209	abhishek kumar	M.A-Political Science Semester-1
210	himanshu ranjan tiwari	M.A-Political Science Semester-1
211	NAVNEET KUMAR SHUKLA	M.A-Political Science Semester-1
212	vivek kumar mishra	M.A-Political Science Semester-1
213	niteesh singh	M.A-Political Science Semester-1
214	gireesh yadav	M.A-Political Science Semester-1
215	JITENDRA PRASAD VERMA	M.A-Political Science Year-2
216	KANCHAN LAL VERMA	M.A-Political Science Year-2
217	ankush kumar shukla	M.A-Political Science Year-2
218	SATYA PRAKASH TIWARI	M.A-Political Science Year-2
219	Saurabh shukla	M.A-Political Science Year-2
220	NIRMAL KUMAR TIWARI	M.A-Political Science Year-2
221	PRIYANKA SHUKLA	M.A-Political Science Year-2
222	ANSHU CHATURVEDI	M.A-Political Science Year-2
223	PRAGYA MISHRA	M.A-Political Science Year-2
224	AKARSHIT MISHRA	M.A-Political Science Year-2
225	Abhinav Pandey	M.A-Political Science Year-2
226	krishna dev yadav	M.A-Political Science Year-2
227	Ravi Shankar dwivedi	M.A-Political Science Year-2
228	Shanti sahu	M.A-Political Science Year-2
229	RAM SHABAD	M.A-Political Science Year-2
230	archana jayaswal	M.A-Political Science Year-2
231	AKHAND KUMAR	M.A-Political Science Year-2
232	ASHISH KUMAR PANDEY	M.A-Political Science Year-2
233	SHIV SHANKAR	M.A-Political Science Year-2
234	DILEEP GAUTAM	M.A-Political Science Year-2


235	SURAJ KUMAR	M.A-Political Science Year-2
236	ashish kumar jaiswal	M.A-Political Science Year-2
237	RAHUL MAURYA	M.A-Political Science Year-2
238	KM BABBI DEVI	M.A-Political Science Year-2
239	jai singh verma	M.A-Political Science Year-2
240	sapna gupta	M.A-Political Science Year-2
241	km reena tiwari	M.A-Political Science Year-2
242	ANSHIKA SINGH	M.A-Political Science Year-2
243	PAWAN KUMAR	M.A-Political Science Year-2
244	UDAY BHAN YADAV	M.A-Political Science Year-2
245	VIRENDRA PANDEY	M.A-Political Science Year-2
246	khushboo singh	M.A-Political Science Year-2
247	prince kumar pathak	M.A-Political Science Year-2
248	AJEET VERMA	M.A-Political Science Year-2
249	AMIT KUMAR PANDEY	M.A-Political Science Year-2
250	mantasha	M.A-Political Science Year-2
251	VANDANA MAURIYA	M.A-Political Science Year-2
252	sunny yadav	M.A-Political Science Year-2
253	DHARMESHWAR KUMAR RAY	M.A-Political Science Year-2
254	KM AMITA SINGH	M.A-Political Science Year-2
255	Roli verma	M.A-Political Science Year-2
256	SANDHAYA SINGH	M.A-Political Science Year-2
257	ABHISHEK TIWARI	M.A-Political Science Year-2
258	MANSI SINGH	M.A-Political Science Year-2
259	MANISHA PANDEY	M.A-Political Science Year-2
260	RAM BAHOREY TIWARI	M.A-Political Science Year-2
261	KOMAL UPADHYAY	M.A-Political Science Year-2
262	manish kumar tiwari	M.A-Political Science Year-2
263	km nandini tiwari	M.A-Political Science Year-2
264	POOJA	M.A-Political Science Year-2
265	MANTASHA	M.A-Political Science Year-2
266	AJAY KUMAR CHAUDHARY	M.A-Political Science Year-2
267	DEEPU TIWARI	M.A-Political Science Year-2
268	poonam devi	M.A-Political Science Year-2
269	vipin kumar tiwari	M.A-Political Science Year-2
270	YENENDRA PRAKASH YADAV	M.A-Political Science Year-2
271	brijesh kumar	M.A-Political Science Year-2
272	PRIYA KANOUIYA	M.A-Political Science Year-2
273	KM ANURADHA YADAV	M.A-Political Science Year-2
274	Chandra prakash JAYSAWAL	M.A-Political Science Year-2
275	Shivansh saxena	M.A-Political Science Year-2
276	DEEPAK KUMAR YADAV	M.A-Political Science Year-2
277	SHIVANAND	M.A-Political Science Year-2
278	Ekta mishra	M.A-Political Science Year-2
279	MADHUKAR SHEKHAR	M.A-Political Science Year-2
280	LAKHAN MATHUR	M.A-Political Science Year-2
281	Neha yadav	M.A-Political Science Year-2

282	PRAJJWAL PRATAP SINGH	M.A-Political Science Year-2
283	NEHA MISHRA	B.A Year-3
284	BINDU CHAUHAN	B.A Year-3
285	MANISH VISHWAKARMA	B.A Year-3
286	deepak kumar shukla	B.A Year-3
287	Vishal singh	B.A Year-3
288	VISHNU KUMAR	B.A Year-3
289	ANJUM BANO	B.A Year-3
290	ANAMIKA SHARMA	B.A Year-3
291	PRIYANSHI GUPTA	B.A Year-3
292	rekha bharti	B.A Year-3
293	VINAY KUMAR MISHRA	B.A Year-3
294	YASHASVI GUPTA	B.A Year-3
295	monika saini	B.A Year-3
296	KAVITA DWIVEDI	B.A Year-3
297	anushka tiwari	B.A Year-3
298	ekta dwivedi	B.A Year-3
299	UNNATI KASHYAP	B.A Year-3
300	pooja kumari	B.A Year-3
301	SHIVANI SINGH	B.A Year-3
302	SUNIL KUMAR VERMA	B.A Year-3
303	Ankita Yadav	B.A Year-3
304	Pushpendra kumar Vajpayi	B.A Year-3
305	ADARSH UPADHYAY	B.A Year-3
306	abdul kalam	B.A Year-3
307	Nijam	B.A Year-3
308	VARSHA	B.A Year-3
309	HARSHIT PRATAP SINGH	B.A Year-3
310	Shruti KIRTI Mishra	B.A Year-3
311	ankita singh	B.A Year-3
312	SAKSHI TIWARI	B.A Year-3
313	gayatri gupta	B.A Year-3
314	MANISH MISHRA	B.A Year-3
315	madhu	B.A Year-3
316	KAJAL SINGH	B.A Year-3
317	surendra kumar	B.A Year-3
318	SHIVANI MISHRA	B.A Year-3
319	ALOK KUMAR	B.A Year-3
320	MANEESH	B.A Year-3
321	shrishti srivastava	B.A Year-3
322	Divyanshu Tiwari	B.A Year-3
323	Sunil Dubey	B.A Year-3
324	SUBHASH CHOUDHARI	B.A Year-3
325	ANUPAM UPADHYAY	B.A Year-3
326	SNEHA	B.A Year-3
327	VIVEK KUMAR SHUKLA	B.A Year-3
328	hariom chaturvedi	B.A Year-3

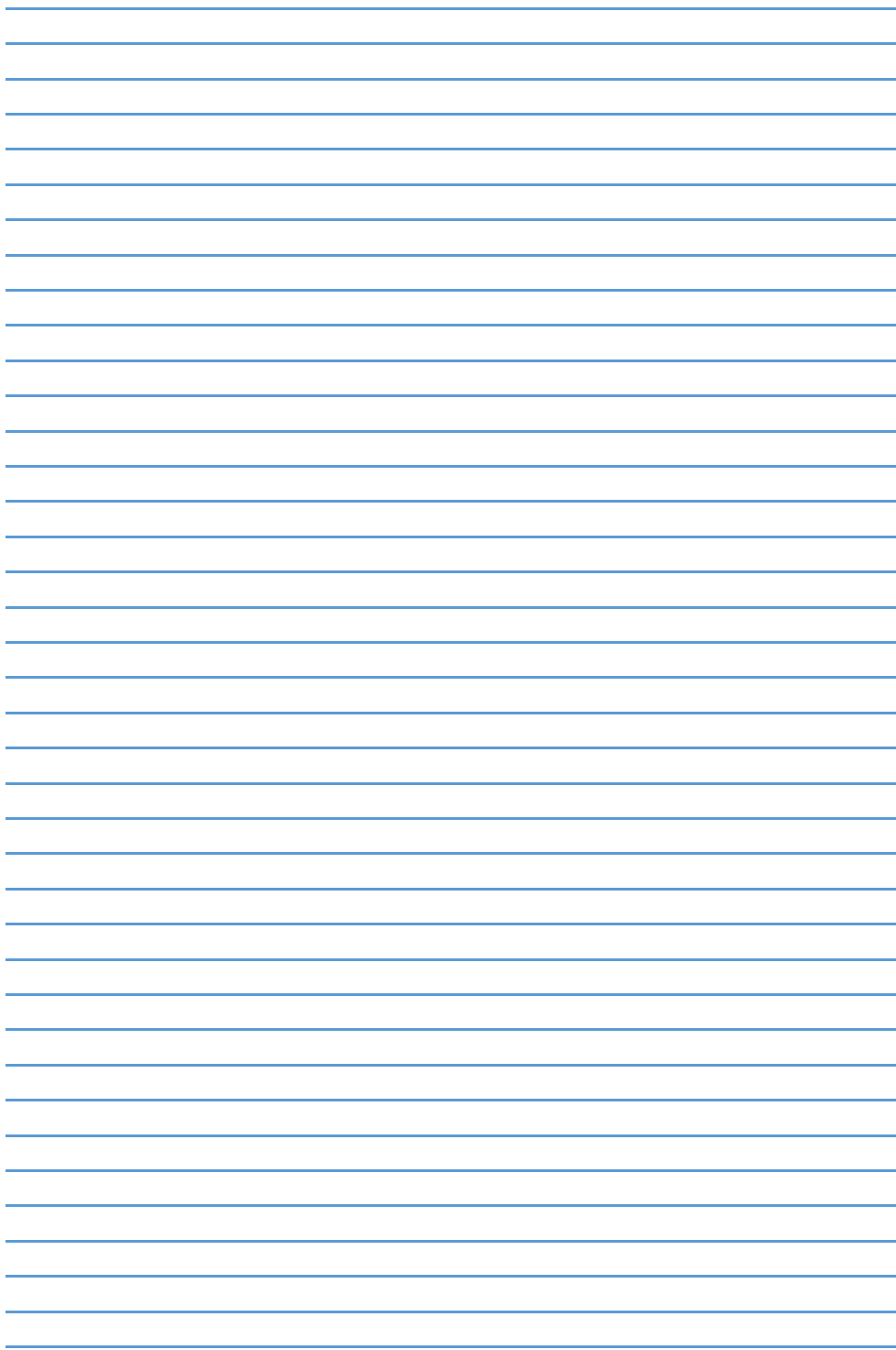
329	Satyadev Tiwari	B.A Year-3
330	KM GAUSIYA	B.A Year-3
331	ruby	B.A Year-3
332	ANJALI	B.A Year-3
333	HARSHITA PANDEY	B.A Year-3
334	MADHU	B.A Year-3
335	vikas dhar dubey	B.A Year-3
336	SAKSHI DWIVEDI	B.A Year-3
337	SANDHYA YADAV	B.A Year-3
338	kiran yadav	B.A Year-3
339	pragyan tripathi	B.A Year-3
340	SHIV PRAKASH PANDEY	B.A Year-3
341	HARIOM MISHRA	B.A Year-3
342	RITIK VERMA	B.A Year-3
343	DHANANJAY SINGH	B.A Year-3
344	SHIVAM SHARMA	B.A Year-3
345	Adarsh pandey	B.A Year-3
346	GOVIND RAM	B.A Year-3
347	RAVI PRAKASH VERMA	B.A Year-3
348	Ankit Tiwari	B.A Year-3
349	ashish kumargoswami	B.A Year-3
350	ASHWIN YADAV	B.A Year-3
351	AADESH KUMAR SHUKLA	B.A Year-3
352	PRIYA SINGH	B.A Year-3
353	Rajneesh Tiwari	B.A Year-3
354	tauheed alam	B.A Year-3
355	PRIYANSHU TRIPATHI	B.A Year-3
356	NISHA KUMARI	B.A Year-3
357	DINESH KUMAR	B.A Year-3
358	Ranjeet kumar	B.A Year-3
359	utsav maurya	B.A Year-3
360	PRAKASH VISHWAKARMA	B.A Year-3
361	PRADEEP TIWARI	B.A Year-3
362	SHALINI SHUKLA	B.A Year-3
363	MAHESH KUMAR CHAUHAN	M.A-Education Semester-1
364	NOOR SABA	M.A-Education Semester-1
365	RADHA CHAUHAN	M.A-Education Semester-1
366	JYOTI CHAUHAN	M.A-Education Semester-1
367	HINA BEGAM	M.A-Education Semester-1
368	ARCHANA SINGH	M.A-Education Semester-1
369	SHIVANI KASHYAP	M.A-Education Semester-1
370	VINAY KUMAR TIWARI	M.A-Education Semester-1
371	SHABNAM BANO	M.A-Education Semester-1
372	saurabh singh	M.A-Education Semester-1
373	GARIMA SINGH	M.A-Education Semester-1
374	ARACHNA YADAV	M.A-Education Semester-1
375	LAIBA NOOR	M.A-Education Semester-1

376	SANJAI KUMAR	M.A-Education Semester-1
377	KM garima shukla	M.A-Education Semester-1
378	SONA YADAV	M.A-Education Semester-1
379	babita yadav	M.A-Education Semester-1
380	SATYA BHAMA YADAV	M.A-Education Semester-1
381	DIVYA YADAV	M.A-Education Semester-1
382	ARTI SHUKLA	M.A-Education Semester-1
383	POOJA SHUKLA	M.A-Education Semester-1
384	ANCHAL GUPTA	M.A-Education Semester-1
385	POOJA VERMA	M.A-Education Semester-1
386	DIPALI SINGH	M.A-Education Semester-1
387	KM SUNDARAM	M.A-Education Semester-1
388	chaudhari sharan sahu	M.A-Education Semester-1
389	SHANAM BANO	M.A-Education Semester-1
390	RAJ SUYASH	M.A-Education Semester-1
391	SHALINI MISHRA	M.A-Education Semester-1
392	Anmol Rastogi	M.A-Education Semester-1
393	ambar mishra	M.A-Education Semester-1
394	SHIVANI MISHRA	M.A-Education Semester-1
395	SHRUTI KIRTI PANDEY	M.A-Education Semester-1
396	pratibha yadava	M.A-Education Semester-1
397	NAUSHEEN FATIMA	M.A-Education Semester-1
398	Km Nainshi Tiwari	M.A-Education Semester-1
399	HEMANT MISHRA	M.A-Education Semester-1
400	km archna singh	M.A-Education Semester-1



  
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 GONDA (UP)







SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA  
श्री लाल बहादुर शास्त्री डिग्री कॉलेज, गोण्डा  
AN AFFILIATED COLLEGE OF DR RAMMANOHAR LOHIA AVADH UNIVERSITY, AYODHYA,(U.P)

## 'निर्गुण निधि' कबीरी निर्गुण उत्सव : रपट राष्ट्रीय संगोष्ठी



विषय :

**'राम नाम के पटतरे : निर्गुण दुनिया की संरचना'**

दिनांक : 08.12.2023

प्रायोजक : संत कबीर अकादमी, संस्कृति विभाग, उत्तर प्रदेश

आयोजक : हिन्दी विभाग एवं आई. क्यू. ए. सी.

श्री लाल बहादुर शास्त्री डिग्री कॉलेज, गोण्डा, उत्तर प्रदेश

### संरक्षक मण्डल : शासन

- श्री मुकेश कुमार मेश्राम (आई.ए.एस.), प्रमुख सचिव, संस्कृति विभाग, उत्तर प्रदेश
- श्री शिशिर (आई.ए.एस.), निदेशक, संस्कृति विभाग, उत्तर प्रदेश
- श्री राकेश चंद्र शर्मा (आई.ए.एस.), विशेष सचिव, संस्कृति विभाग, उत्तर प्रदेश एवं निदेशक, संत कबीर अकादमी
- श्री आशुतोष द्विवेदी 'उपमन्यु', सलाहकार, संत कबीर अकादमी

### संरक्षक मंडल : विश्वविद्यालय-महाविद्यालय

- प्रो. प्रतिभा गोयल, कुलपति, डॉ. राममनोहर लोहिया अवध विश्वविद्यालय, अयोध्या
- श्रीमती नेहा शर्मा (आई.ए.एस.) अध्यक्ष, प्रबंध समिति एवं जिलाधिकारी, गोण्डा
- वर्षा सिंह, उपाध्यक्ष, प्रबंध समिति
- श्री उमेश शाह, सचिव, प्रबंध समिति

संयोजक अध्यक्ष : प्रो. रवीन्द्र कुमार, प्राचार्य, श्री लाल बहादुर शास्त्री डिग्री कॉलेज, गोण्डा

कार्यक्रम-संयोजक : प्रो. शैलेन्द्र नाथ मिश्र

आयोजन सचिव : प्रो. जयशंकर तिवारी

सह संयोजक : श्री अच्युत शुक्ला



  
PRINCIPAL

SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)



SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA  
श्री लाल बहादुर शास्त्री डिग्री कॉलेज, गोण्डा  
AN AFFILIATED COLLEGE OF DR RAMMANOHAR LOHIA AVADH UNIVERSITY, AYODHYA,(U.P)

**रपट :**

संत कबीर अकादमी, संस्कृति विभाग, उत्तर प्रदेश और हिंदी विभाग तथा आई.क्यू.ए.सी., श्री लाल बहादुर शास्त्री डिग्री कॉलेज गोंडा, उ.प्र. के संयुक्त तत्वावधान में 'निर्गुण निधि' कबीरी निर्गुण उत्सव एवं प्रतियोगिता के अंतर्गत दिनांक 08 दिसंबर 2023 को एक दिवसीय राष्ट्रीय संगोष्ठी. 'अनहद नाद' गायन, 'प्रेम मगन हवै नाचु' नृत्य, 'पोथी-पोथी पढ़ि जग मुआ' नाट्य प्रस्तुति संपन्न हुई.

दिनांक 06 एवं 07 दिसंबर 2023 को महाविद्यालय के ललिता शास्त्री सभागार में 11 बजे पूर्वाह्न से 12 बजे मध्याह्न के मध्य महात्मा कबीर के जीवन पर आधारित देवीपाटन मंडल स्तरीय अंतर-महाविद्यालयी प्रश्नोत्तरी प्रतियोगिता आयोजित की गई. उक्त प्रतियोगिता में विभिन्न महाविद्यालयों के 25 विद्यार्थियों ने प्रतिभाग किया. इन प्रतिभागियों में आचार्य नरेंद्र देव किसान पी.जी. कॉलेज बभनान, गोंडा के बी.एड. द्वितीय वर्ष के विद्यार्थी आशीष कुमार शुक्ला ने प्रथम स्थान प्राप्त किया. श्री लाल बहादुर शास्त्री डिग्री कॉलेज गोंडा के एम. ए. तृतीय सेमेस्टर के विद्यार्थी अभिषेक शुक्ला और आचार्य नरेंद्र देव किसान पी.जी. कॉलेज बभनान, गोंडा के बी.एड. द्वितीय वर्ष के विद्यार्थी आशुतोष मिश्र ने क्रमशः द्वितीय और तृतीय स्थान प्राप्त किया. महारानी लाल कुँवरि पी.जी. कॉलेज बलरामपुर के एम.ए. द्वितीय वर्ष के विद्यार्थी अतुल मिश्र और श्री लाल बहादुर शास्त्री डिग्री कॉलेज गोंडा के बी. ए. तृतीय सेमेस्टर की विद्यार्थी शक्ति पाण्डेय ने सांत्वना पुरस्कार के लिए स्थान प्राप्त किया. प्रश्नोत्तरी प्रतियोगिता के निर्णायक मंडल का दायित्व प्रो. जे. बी. पाल, अर्थशास्त्र विभाग, श्री अच्युत शुक्ला, असिस्टेंट प्रोफेसर, हिंदी विभाग, पूजा यादव, असिस्टेंट प्रोफेसर, मनोविज्ञान विभाग, डॉ. रचना श्रीवास्तव, समाजशास्त्र विभाग और डॉ. मुक्ता टंडन, अतिथि प्रवक्ता, हिंदी विभाग ने संभाला. प्रश्नोत्तरी प्रतियोगिता के परिणाम की घोषणा महाविद्यालय के भौतिक विज्ञान के विभागाध्यक्ष प्रो. जितेन्द्र सिंह के द्वारा की गई.

तदनंतर उक्त दिवस को ही 12:30 बजे अपराह्न से अपने जीवन सत्य पर आधारित 'मैं कहता आँखिन देखी' विषयक निबंध लेखन प्रतियोगिता संपन्न हुई, जिसमें विभिन्न महाविद्यालयों के 32 विद्यार्थियों ने प्रतिभाग किया. इन प्रतिभागियों में आचार्य नरेंद्र देव किसान पी.जी. कॉलेज बभनान, गोंडा के बी.एड. द्वितीय वर्ष के विद्यार्थी आशीष कुमार शुक्ला ने प्रथम और महारानी लाल कुँवरि पी.जी. कॉलेज बलरामपुर के एम.ए. द्वितीय वर्ष के विद्यार्थी अतुल मिश्र ने द्वितीय स्थान प्राप्त किया. श्री लाल बहादुर शास्त्री डिग्री कॉलेज गोंडा के एम. ए. तृतीय सेमेस्टर के विद्यार्थी सूरज तिवारी ने तृतीय स्थान प्राप्त किया. श्री लाल बहादुर शास्त्री डिग्री कॉलेज गोंडा के एम.ए. प्रथम सेमेस्टर, हिंदी के



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विद्यार्थी जीतेशकांत पाण्डेय, बी.ए. प्रथम सेमेस्टर की विद्यार्थी दीप्ति और बी.ए. पंचम सेमेस्टर के देवेश पाण्डेय ने सांत्वना पुरस्कार हेतु स्थान प्राप्त किया।

निबंध लेखन प्रतियोगिता के निर्णायक मंडल में प्रो. मंशाराम वर्मा, संस्कृत विभाग, श्री पवन कुमार सिंह, हिंदी विभाग, डॉ. हरीश कुमार शुक्ल, शिक्षाशास्त्र विभाग और डॉ. वंदना भारतीय ने अपने दायित्व का निर्वाह किया। प्रतियोगिता के परिणाम की घोषणा आयोजन सचिव प्रो. जय शंकर तिवारी द्वारा की गई।

दिनांक 07 दिसंबर 2023 को महाविद्यालय के ललिता शास्त्री सभागार में 11 बजे पूर्वाह्न 'संत कबीर के विचारों से दुनिया बदली जा सकती है' विषयक मंडल स्तरीय अंतरमहाविद्यालयी वाद-विवाद प्रतियोगिता प्रारंभ हुई। प्रतियोगिता में अलग-अलग शिक्षण संस्थानों के कुल 14 विद्यार्थियों ने प्रतिभागिता की, जिसमें श्री लाल बहादुर शास्त्री डिग्री कॉलेज गोंडा के बी.एस-सी. पंचम सेमेस्टर के विद्यार्थी विपिन यादव ने प्रथम और श्री लाल बहादुर शास्त्री डिग्री कॉलेज गोंडा के बी.ए. तृतीय सेमेस्टर की विद्यार्थी शक्ति पाण्डेय ने द्वितीय स्थान प्राप्त किया। महारानी लाल कुँवरि पी.जी. कॉलेज बलरामपुर के एम.ए. तृतीय सेमेस्टर के विद्यार्थी अतुल मिश्र ने तृतीय स्थान प्राप्त किया। एम.एस.आई.टी.एम. के बी.बी.ए. प्रथम सेमेस्टर की छात्रा समृद्धि सिंह और श्री लाल बहादुर शास्त्री डिग्री कॉलेज गोंडा के बी.ए. प्रथम सेमेस्टर के विद्यार्थी विवेक कुमार गुप्ता ने सांत्वना हेतु स्थान प्राप्त किया।

प्रतियोगिता के निर्णायक का दायित्व-निर्वाह महाविद्यालय के पूर्व प्राचार्य डॉ. डी. के. गुप्त, का. सु. साकेत महाविद्यालय में जंतु विज्ञान के सह आचार्य डॉ. अरविन्द शर्मा और वरिष्ठ पत्रकार श्री जानकी शरण द्विवेदी ने किया। प्रतियोगिता के परिणाम की घोषणा महाविद्यालय के भूगोल विभागाध्यक्ष डॉ. रंजन शर्मा ने की।

दिनांक 08 दिसंबर 2023 को प्रतिभागी प्राध्यापकों, शोध छात्रों, परास्नातक विद्यार्थियों के पंजीकरण के उपरांत 10:30 बजे पूर्वाह्न "राम नाम के पटतरे : निर्गुण दुनिया की संरचना" विषयक राष्ट्रीय संगोष्ठी का उद्घाटन हुआ। उद्घाटन सत्र के मुख्य अतिथि प्रो. हरिशंकर मिश्र, सेवानिवृत्त आचार्य, हिंदी विभाग, लखनऊ विश्वविद्यालय, लखनऊ, विशिष्ट अतिथिद्वय श्री विचार दास साहेब, कबीर निर्वाण स्थली मगहर, संत कबीर नगर और डॉ. सूर्यपाल सिंह, से. नि. प्राचार्य, डिग्री कॉलेज भटौली बाज़ार, गोरखपुर रहे। संगोष्ठी का शुभारंभ अतिथियों के माँ सरस्वती के चित्र पर दीप प्रज्वलन एवं



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छात्राओं की वाणी वंदना से हुआ। इस अवसर पर उपस्थित अतिथि विद्वानों का स्वागत बैज अलंकरण, स्मृति चिह्न व अंगवस्त्र भेंट कर किया गया।

भक्ति साहित्य के प्रख्यात विद्वान व लखनऊ विश्वविद्यालय के सेवानिवृत्त प्राध्यापक प्रो. हरिशंकर मिश्र ने कहा कि मध्य काल के अन्धकारमय युग में अज्ञानता, रुढियां, भेदभाव जैसी विसंगतियों व सामाजिक कट्टरता से समाज को मुक्ति दिलाने के लिए कबीर ने प्रेम सद्भाव, एकता और मानवता का संदेश देकर घट घट अविनाशी ब्रह्म की उपासना का निर्गुण भक्ति का अप्रतिम प्रकाश दिया। कबीर का संदेश युगों तक प्रासंगिक रहेगा।

संत कबीर अकादमी, संस्कृति विभाग उ. प्र. एवं श्री लाल बहादुर शास्त्री डिग्री कॉलेज के संयुक्त तत्वावधान में चल रहे तीन दिवसीय कबीर निर्गुणी उत्सव के समापन अवसर पर शुक्रवार को आयोजित राष्ट्रीय संगोष्ठी 'रामनाम के पटतरे- निर्गुण दुनिया की संरचना' विषय पर सम्बोधित करते हुए प्रो. मिश्र ने कहा कि कबीर ने सत्य को अनुभव की कसौटी पर कस कर सामाजिक सांस्कृतिक व आध्यात्मिक ज्ञान का संदेश दिया। संगोष्ठी के विशिष्ट वक्ता पूर्व प्राचार्य एवं सुप्रसिद्ध साहित्यकार साहित्य भूषण डॉ. सूर्यपाल सिंह ने कहा कि निर्गुण व सगुण दोनो ही भक्ति क्षेत्र की उपासना पद्धति है। सगुण की सीमा निर्धारित है जबकि निर्गुण असीम है। भक्ति में ब्रह्म के प्रति सर्वव्यापकता निराकार का मौन भाव जहां निर्गुण तत्व हैं वहीं ब्रह्म के प्रति भाव को शब्द-रूप-वाणी में व्यक्त होते ही वह साकार रूप ले लेता है। महात्मा कबीर को ब्रह्म को व्यक्त करने के लिए लिए बार बार राम नाम का आश्रय लेना पडा और राम को दशरथ का पुत्र न मानकर जग का अविनाशी तत्व कहकर स्पष्टीकरण देना पडा।

संगोष्ठी में विषय प्रवर्तन करते हुए संगोष्ठी के संयोजक, कॉलेज के शोध निदेशक व हिन्दी विभाग के अध्यक्ष प्रो. शैलेन्द्र नाथ मिश्र ने कहा कि भारत की वाचिक परम्परा में कबीर ने समाज की विसंगतियों पर करारा प्रहार करते हुए निर्गुण जैसी सरल व सर्वसुलभ उपासना पद्धति दिया। उन्होंने जड़-चेतन में ब्रह्म का दर्शन कर समाज को मानवता का संदेश दिया। शोध केन्द्र कबीर के निर्गुण राम को तुलसी के सगुण राम में समन्वय स्थापित कर समाज में सौहार्द का संदेश देने के लिए कृत संकल्पित है। संगोष्ठी के आयोजन सचिव प्राध्यापक प्रो. जयशंकर तिवारी ने संगोष्ठी का संचालन किया। अध्यक्षता कर रहे प्राचार्य प्रो. रवीन्द्र कुमार ने विद्वानों के विचार से सहमति व्यक्त करते हुए छात्र-छात्राओं को कबीर के दर्शन से प्रेरणा लेने की बात कही। उन्होंने कहा कि अपनी जीवन शैली बनाने और समतामूलक समाज की संरचना में कबीर के जीवन दर्शन की महत्ता अपरिमेय है। संगोष्ठी का समाहार करते हुए भौतिक विज्ञान के विभागाध्यक्ष प्रो. जितेन्द्र सिंह ने सबके प्रति आभार ज्ञापित किया।





# SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA श्री लाल बहादुर शास्त्री डिग्री कॉलेज, गोण्डा

AN AFFILIATED COLLEGE OF DR RAMMANOHAR LOHIA AVADH UNIVERSITY, AYODHYA,(U.P)

द्वितीय सत्र में कबीरी निर्गुण महोत्सव के अंतर्गत शास्त्री कॉलेज द्वारा महात्मा कबीर दास के जीवन दर्शन पर सांस्कृतिक प्रस्तुतियां, गीत, नृत्य व नाटक ने ललिता शास्त्री सभागार में मौजूद दर्शकों का मन मोह लिया। लोक कलाकार पुष्कर बाबू के लेखन व निर्देशन में आयोजित नाटक 'पोथी पढि पढि जग मुआ' को देखकर दर्शक जहां भाव-विभोर हुए, वहीं सांस्कृतिक कार्यक्रम के मुख्य अतिथि कबीर निर्वाण स्थली मगहर के मठाधीश सद्गुरु विचार साहेब ने कलाकार व संगीत मंडली को आशीर्वाद दिया। वनस्पति विज्ञान की सहा. आचार्य डॉ. रेखा शर्मा के निर्देशन में 'अनहद नाद' सांगीतिक कार्यक्रम में कॉलेज की छात्राओं की एकल व समूह भाव नृत्य पर लोग वाह वाह कर उठे।

सांस्कृतिक प्रस्तुतियों में कालेज की छात्रा खुशी गुप्ता, ऋषभ भारती, खुशी सिंह एवं महविश मेराज के भाव नृत्य ने सभी को अभिभूत कर दिया, वहीं जया श्रीवास्तव के निर्गुण भजन 'चदरिया झीनी रे झीनी', मनीष चंद्र दूबे, अमन तिवारी, अतुल कुमार दूबे, आदर्श पाण्डेय के 'भंवरवा के तोहरा संग जाई' गायन एवं सौम्या पाण्डेय, पूजा मिश्रा, आँचल तिवारी, आकांक्षा सिंह के कबीर-रहीम संवाद ने सभी को मंत्रमुग्ध कर दिया. 'पोथी पढि पढि जग मुआ' नाट्य प्रस्तुति में संत कबीर का किरदार राहुल वाजपेयी ने और सर्वानन्द का किरदार पुष्कर बाबू ने निभाया. अनूपा यादव ने सर्वानंद की माँ के रूप में दर्शकों का दिल जीत लिया.

प्राचार्य प्रो. रवीन्द्र कुमार ने कलाकारों को प्रमाण पत्र व स्मृति चिह्न देकर उनके सुखद जीवन एवं स्वर्णिम भविष्य की मंगलकामना व्यक्त किया।







SHRI LAL BHADUR SHASTRI DEGREE COLLEGE, GONDA  
श्री लाल बहादुर शास्त्री डिग्री कॉलेज, गोण्डा  
AN AFFILIATED COLLEGE OF DR RAMMANOHAR LOHIA AVADH UNIVERSITY, AYODHYA,(U.P)

कार्यक्रम के छायाचित्र







SHRI LAL BHADUR SHASTRI DEGREE COLLEGE, GONDA  
श्री लाल बहादुर शास्त्री डिग्री कॉलेज, गोण्डा  
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## छायाचित्र :



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संत कबीर अकादमी, संस्कृति विभाग उ.प्र. एवं हिंदी विभाग तथा  
आइ.क्यू.ए.सी.

श्री लाल बहादुर शास्त्री डिग्री कॉलेज गोंडा, उ.प्र. के संयुक्त तत्वावधान में  
आयोजित

## ‘निर्गुण निधि’ (कबीरी निर्गुण उत्सव एवं प्रतियोगिता)

(स्थान : ललिता शास्त्री सभागार, श्री लाल बहादुर शास्त्री डिग्री कॉलेज गोंडा,  
उ.प्र.)

दिनांक : 08 दिसंबर 2023  
के अंतर्गत कार्यक्रम शृंखला

### राम नाम के पटतरे : निर्गुण दुनिया की संरचना

विषयक एक दिवसीय राष्ट्रीय संगोष्ठी

(प्रतिभागियों की सूची)

- |  |                             |
|--|-----------------------------|
| 1. प्रो. वी.सी.एच.एन.के. श्रीनिवास राव | 13. डॉ. अरुण प्रताप सिंह    |
| 2. प्रो. जय शंकर तिवारी                | 14. डॉ. अमित कुमार शुक्ला   |
| 3. प्रो. शैलेन्द्र नाथ मिश्रा          | 15. डॉ. संजय कुमार          |
| 4. डॉ. वन्दना भारतीय                   | 16. डॉ. रेखा शर्मा          |
| 5. प्रो. राजीव कुमार अग्रवाल           | 17. डॉ. पूजा यादव           |
| 6. डॉ. रंजन शर्मा                      | 18. डॉ. ममता शुक्ला         |
| 7. प्रो. संदीप कुमार श्रीवास्तव        | 19. प्रो. एस.के. श्रीवास्तव |
| 8. प्रो. संजय कुमार पाण्डेय            | 20. डॉ. शिशिर त्रिपाठी      |
| 9. डॉ. विवेक कुमार खरे                 | 21. प्रो. आर.बी.एस. बघेल    |
| 10. श्री मनीष शर्मा                    | 22. प्रो. मंशाराम वर्मा     |
| 11. श्री अच्युत शुक्ला                 | 23. प्रो. ए.के.सिंह         |
| 12. डॉ. मनीषा पॉल                      | 24. प्रो. जितेन्द्र सिंह    |
|  | 25. डॉ. डी.एन. पाण्डेय      |
|  | 26. डॉ. रामिन्त पटेल        |

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|-----|-------------------------------|-----|--------------------------|
| 27. | प्रो. राम समुझ सिंह           | 54. | कु. नेहा                 |
| 28. | डॉ. अजीत कुमार मिश्रा         | 55. | श्री मनोज कुरील          |
| 29. | प्रो. अमन चन्द्रा             | 56. | श्री श्रवण कुमार         |
| 30. | डॉ. नीतू सक्सेना              | 57. | कु. दुर्गेश्वरी          |
| 31. | डॉ. पुष्यमित्र मिश्र          | 58. | कु. रजिया खातून          |
| 32. | प्रो. विजय कुमार अग्रवाल      | 59. | कु. पलक श्रीवास्तव       |
| 33. | डॉ. शैलजा सिंह                | 60. | कु. सौम्या सिंह          |
| 34. | डॉ. धर्मन्द्र कुमार सिंह      | 61. | श्री युगल सिंह           |
| 35. | डॉ. पल्लवी                    | 62. | कु. विभा तिवारी          |
| 36. | डॉ. मनोज कुमार मिश्रा         | 63. | कु. नेहा पाण्डेय         |
| 37. | डॉ. रचना श्रीवास्तव           | 64. | कु. रोली तिवारी          |
| 38. | श्री मनीष मोदनवाल             | 65. | कु. साधना द्विवेदी       |
| 39. | प्रो. शशिबाला                 | 66. | कु. शिवांगी तिवारी       |
| 40. | डॉ. रवि प्रकाश ओझा            | 67. | कु. निकिता श्रीवास्तव    |
| 41. | डॉ. अवधेश कुमार वर्मा         | 68. | कु. पूनम                 |
| 42. | डॉ. हरीश शुक्ला               | 69. | कु. काजल ओझा             |
| 43. | डॉ. रीता पाण्डेय              | 70. | प्रो. बी.पी. सिंह        |
| 44. | डॉ. नीलिमा सिंह               | 71. | श्री शिवनाथ दीक्षित      |
| 45. | डॉ. दीप्ति रंजन बिसारिया      | 72. | श्री मोहित तिवारी        |
| 46. | डॉ. अमित वर्मा                | 73. | श्री अंकित तिवारी        |
| 47. | डॉ. अंकित मौर्या              | 74. | कु. दीप्ति               |
| 48. | श्री सुरेन्द्र कुमार तिवारी   | 75. | कु. जना परवीन            |
| 49. | श्री आलोक कुमार मिश्रा        | 76. | श्री जितेश कान्त पाण्डेय |
| 50. | श्री शोभित मौर्या             | 77. | श्री आदर्श शुक्ला        |
| 51. | श्री सुमित कुमार तिवारी       | 78. | श्री आशीष कुमार शुक्ला   |
| 52. | कु. दीप्ति गुप्ता             | 79. | श्री आशुतोष मिश्रा       |
| 53. | श्री योगेन्द्र नाथ श्रीवास्तव | 80. | श्री अतुल मिश्रा         |

81. कु. रीमा शुक्ला
82. कु. निधि सिंह
83. कु. कंचन देवी
84. कु. प्रतीक्षा पाण्डेय
85. श्री अभिषेक शुक्ला
86. श्री अखिलेश कुमार
87. श्री आलोक शुक्ला
88. अनम सिद्धकी
89. आँचल पाण्डेय
90. श्री अंकित
91. अशराह मेराज
92. श्री आशुतोष मिश्रा
93. कु. आयुषी सिंह
94. श्री बजरंग लाल यादव
95. कु. दीपिका पाण्डेय
96. कु. दिपाली सिंह
97. कु. गरिमा सिंह
98. श्री गिरजा शंकर तिवारी
99. कु. ममता
100. कु. ममता तिवारी
101. श्री नानबाबू मिश्रा
102. कु. निधि शुक्ला
103. श्री नितिन श्रीवास्तव
104. श्री प्रशान्त सिंह
105. श्री राजा मिश्रा
106. श्री राजीव कुमार पाण्डेय

107. श्री राजेश कुमार विश्वकर्मा
108. श्री सक्षम मिश्रा
109. कु. समर फातिमा
110. कु. सौम्या सिंह
111. कु. शिफा खान
112. श्री सूर्य प्रकाश चतुर्वेदी
113. श्री वैभव सोनी
114. श्री विकास कुमार मिश्रा
115. कु. अंजली
116. श्री दीपक कुमार पाण्डे
117. श्री शशिकान्त तिवारी
118. कु. रजनी सिंह
119. कु. जागृति सिंह
120. कु. रेणु मिश्रा
121. कु. कविता द्विवेदी
122. कु. खुशबू यादव
123. कु. दीप्ति
124. कु. अंजली मिश्रा
125. श्री रवि तिवारी
126. श्री संतोष कुमार श्रीवास्तव
127. श्री मोनू वर्मा
128. श्री योगेश पाण्डेय
129. श्री सर्वेश कुमार शुक्ला
130. श्री आंका रमाथ मिश्रा
131. श्री जानेश कुमार वर्मा



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2023

SHRI LAL BHADUR SHASTRI  
DEGREE COLLEGE GONDA

DEPARTMENT OF CHEMISTRY



A One Day Seminar  
Under Intellectual Property Rights  
Organized

Department of Chemistry

On

**Solid Waste Management**

(April 15, 2023)

  
PRINCIPAL

SHRI LAL BHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)



**SEMINAR REPORT**

A one day seminar under intellectual property rights on solid waste management



SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA

श्री लाल बहादुर शास्त्री डिग्री कॉलेज, गोण्डा

AN AFFILIATED COLLEGE OF DR RAMMANOHAR LOHIA AVADH UNIVERSITY, AYODHYA, (U.P)

## **Department of Chemistry**

**One day seminar under intellectual  
property rights  
(15 April 2023)**

**On**

**Solid Waste Management**

**ORGANIZED BY**

**DEPARTMENT OF CHEMISTRY, SLBSDC, GONDA**

**Inaugural Lecture**





**By**

**Prof. S. C. Mishra  
(10.00 am to 11.00 am)**

**High Tea**

**(11.00 am to 11.30 am)**

## Keynote Speakers

Lecture 1 (11.30 am to 12.45 pm)	Lecture 2 (12.45 pm to 1.30 pm)	Lunch Break (1.30 pm To 02.00 pm)	Lecture 3 (2.00 pm to 02.45 pm)	Lecture 4 (2.45 pm to 03.30pm)
				
Dr. R. R. Pandey Dept. of Chemistry MLK PG College Balrampur	Dr. S. K. Gautam Dept. of Chemistry MGPG College Gorakhpur		Dr. Vikas Singh HOD Chemistry NPGC Lucknow	Dr. Puneet Kumar Dept. of Chemistry SLBSDC Gonda

### Venue:

**Smt. Lalita Shastri Sabhagar, Shri Lal Bahadur Shastri Degree College, Gonda**

<b>Chief Patron</b> <b>Varsha Singh</b> Vice-President	<b>Patron</b> <b>Shri Umesh Shah</b> Secretary
<b>President</b> <b>Prof. R. K. Pandey</b> Principal	<b>Convener</b> <b>Dr. Pushyamitra Mishra</b> Head, Department of Chemistry
<b>Organizing Secretary</b> <b>Dr. Ravi Prakash Ojha</b> Assistant Professor, Department of Chemistry	<b>Organizing Secretary</b> <b>Dr. Puneet Kumar</b> Assistant Professor, Department of Chemistry

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Prof. Sandeep Kumar Srivastava, SLBSDC, Gonda	Dr. Chaman Kaur, SLBSDC, Gonda
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Dr. Ramint Patel, SLBSDC, Gonda	Dr. Smriti Shishir, SLBSDC, Gonda
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Dr. Mamta Shukla, SLBSDC, Gonda	Dr. Manisha Pal, SLBSDC, Gonda
Dr. Raj Bahadur Chaudhary, SLBSDC, Gonda	Dr. Harish Kumar Shukla, SLBSDC, Gonda



**A One Day Seminar**  
**Under Intellectual Property Rights**  
**Organized**  
**Department of Chemistry**  
**On**  
**Solid Waste Management**  
**(April 15, 2023)**

The objectives of this seminar were to study the current practices related to the various solid waste management initiatives taken in India for human wellbeing. The other purpose is to provide some suggestions and recommendations to improve the waste management practices in Indian towns. This report is based on secondary research as per the suggestions given by speakers. Existing reports related to waste management and recommendations of planners/NGOs/consultants/government accountability agencies/key industry experts/ for improving the system were discussed. It offers deep knowledge about the various waste management initiatives in India and find out the scope for improvement in the management of waste for the welfare of the society. The seminar attempts to understand the important role students, staff and teachers in HEIs along with the role played by the formal sector engaged in waste management in our country. This work is original and could be further extended.

Introduction "There are few things certain in life – one is death, second is change and the other is waste." No one can stop these things to take place in our lives. But with better management we can prepare ourselves. Here we will talk about waste and waste management. Each of us has a right to clean air, water and food. This right can be fulfilled by maintaining a clear and healthy environment. Now for the first question, what is waste? Any material which is not needed by the owner, producer or processor is waste. Generally, waste is defined as at the end of the product life cycle and is disposed of in landfills. Most businesses define waste as "anything that does not create value". In a common man's eye anything that is unwanted or not useful is garbage or waste. However scientifically speaking there is no waste as such in the world. **Almost all the components of solid waste have some potential if it is converted or treated in a scientific manner.** Hence we can define solid waste as "*Organic or inorganic waste materials produced out of household or commercial activities, that have lost their value in the eyes of the first owner but which may be of great value to somebody else.*" (Robinson, W.D.1986). Generation of waste is inevitable in every habitation howsoever big or small. Since the dawn of civilization humanity has gradually deviated from nature & today there has been a drastic change in the lifestyle of human society. Direct reflection of this change is found in the nature & quantity of garbage that a community generates. We can dispose the waste or reuse the waste and can earn money through proper management. Indian cities which are fast competing with global economies in their drive for fast economic development have so far failed to effectively manage the huge quantity of



waste generated. The projected urban population percentage is 33.4 percent by the year 2026. The quantum of waste generated in Indian towns and cities is increasing day by-day on account of its increasing population and increased GDP. The annual quantity of solid waste generated in Indian cities has increased from six million tons in 1947 to 48 million tons in 1997 with an annual growth rate of 4.25 percent, and it is expected to increase to 300 million tons by 2,047 (CPCB, 1998). Population explosion, coupled with improved life style of people, results in increased generation of solid wastes in urban as well as rural areas of the country. In India like all other sectors there is a marked distinction between the solid waste from urban & rural areas. However, due to ever increasing urbanization, fast adoption of 'use & throw concept' & equally fast communication between urban & rural areas the gap between the two is diminishing. The solid waste from rural areas is more of a biodegradable nature & the same from urban areas contains more non-biodegradable components like plastics & packaging. The repugnant attitude towards solid waste & its management is however, common in both the sectors. Universally 'making garbage out of sight' is the commonly followed practice. In India, the urban local bodies, popularly known as the municipal corporations/councils, are responsible for management of activities related to public health. However, with increasing public and political awareness as well as new possibilities opened by economic growth, solid waste management is starting to receive due attention. The various initiatives taken by government, NGOs, private companies, and local public drastically increased in the past few decades. Nonetheless, land filling is still the dominant solid waste management option for the United States as well as many other countries like India around the world. It is well known that waste management policies, as they exist now, are not sustainable in the long term. Thus, waste management is undergoing drastic change to offer more options that are more sustainable. We look at these options in the hope of offering the waste management industry a more economically viable and socially acceptable solution to our current waste management dilemma. This paper outlines various advances in the area of waste management. It focuses on current practices related to waste management initiatives taken by India. It also highlights some initiatives taken by the US federal government, states and industry groups. The purpose of this paper is to gain knowledge about various initiatives in both countries and locate the scope for improvement in the management of waste.

### **Classification of waste**

There may be different types of waste such as Domestic waste, Factory waste, Waste from oil factory, E-waste, Construction waste, Agricultural waste, Food processing waste, Bio-medical waste, Nuclear waste, Slaughter house waste etc.

We can classify waste as follows:

- Solid waste- vegetable waste, kitchen waste, household waste etc.
- E-waste- discarded electronic devices such as computer, TV, music systems etc.
- Liquid waste- water used for different industries, tanneries, distilleries, thermal power plants
- Plastic waste- plastic bags, bottles, bucket, etc.
- Metal waste- unused metal sheet, metal scraps etc.

• Nuclear waste- unused materials from nuclear power plants Further we can group all these types of waste into wet waste (Biodegradable) and dry waste (Non Biodegradable). Wet waste (Biodegradable) includes the following:

• Kitchen waste including food waste of all kinds, cooked and uncooked, including eggshells and bones

• Flower and fruit waste including juice peels and house-plant waste

• Garden sweeping or yard waste consisting of green/dry leaves

• Sanitary wastes • Green waste from vegetable & fruit vendors/shops

• Waste from food & tea stalls/shops etc.

Dry waste (Non-biodegradable) includes the following:

• Paper and plastic, all kinds

• Cardboard and cartons

• Containers of all kinds excluding those containing hazardous material

• Packaging of all kinds

• Glass of all kinds

• Metals of all kinds

• Rags, rubber

• House sweeping (dust etc.)

• Ashes

• Foils, wrappings, pouches, sachets and tetra packs (rinsed)

• Discarded electronic items from offices, colonies viz. cassettes, computer diskettes, printer cartridges and electronic parts.

• Discarded clothing, furniture and equipment.

In addition to the above wastes, another type of waste called "**Domestic Hazardous Waste**" may also be generated at the household level. These include used aerosol cans, batteries, and household kitchen and drain cleaning agents, car batteries and car care products, cosmetic items, chemical-based insecticides/pesticides, light bulbs, tube-lights and compact fluorescent lamps (CFL), paint, oil, lubricant and their empty containers. Waste that is considered hazardous is first required by the EPA to meet the legal definition of solid waste. The EPA incorporates hazardous waste into three categories. The first category are source-specific wastes, the second category is nonspecific wastes, and third, commercial chemical products. Generally, hazardous waste "is waste that is dangerous or potentially harmful to our health or the environment. Hazardous wastes can be liquids, solids, gases, or sludge. They can be discarded commercial products, like cleaning fluids or pesticides, or the by-products of manufacturing processes (EPA Wastes Website, 2010). Similarly there is "Non Hazardous waste". There are many definitions of hazardous and non-hazardous waste within the US federal government, states and industry groups.

### **Disposal vs. Management**

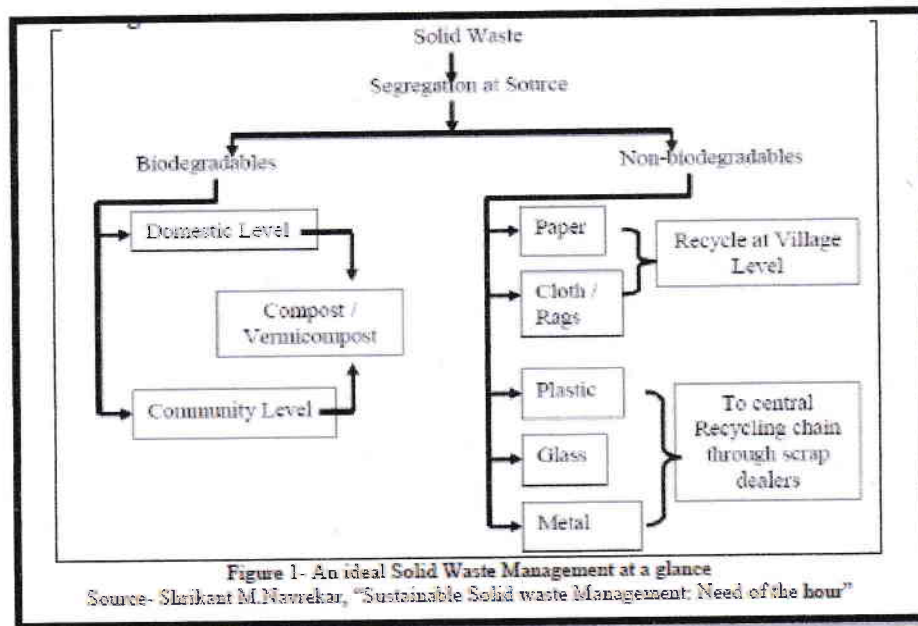
There are common practices to dispose waste from ordinary people. But disposal of waste is becoming a serious and vexing problem for any human habitation all over the world. Disposing solid waste out of sight does not solve the problem but indirectly increases the same manifold and at a certain point it goes beyond the control of everybody. The consequences of this practice such as health hazards, pollution of soil, water, air & food, unpleasant surroundings, loss of precious resources that could be obtained from the solid waste, etc. are well known. That's why it is essential to focus on proper management of waste all over the world. Waste management has become a subject of concern globally and nationally. The More advanced the human settlements, the more complex the waste management. There is a continuous search for sound solutions for this problem but it is increasingly realized that solutions based on technological advances without human intervention cannot sustain for long and it in turn results in complicating the matters further. Management of solid waste which generally involves proper segregation and scientific recycling of all the components is in fact the ideal way of dealing with solid waste. Solid waste management (SWM) is a commonly used name and defined as the application of techniques to ensure an orderly execution of the various functions of collection, transport, processing, treatment and disposal of solid waste (Robinson, 1986). It has developed from its early beginnings of mere dumping to a sophisticated range of options including re-use, recycling, incineration with energy recovery, advanced landfill design and engineering and a range of alternative technologies. It aims at an overall waste management system which is the best environmentally, economically sustainable for a particular region and socially acceptable (World Resource Foundation, 1996; McDougall et al., 2001). This not only avoids the above referred consequences but it gives economic or monetary returns in some or the other forms.

### **Basic principles of Solid Waste Management**

- 1) 4Rs: Refuse, Reduce, Reuse & Recycle
  - Refuse: Do not buy anything which we do not really need.
  - Reduce - Reduce the amount of garbage generated. Alter our lifestyle so that minimum garbage is generated.
  - Reuse - Reuse everything to its maximum after properly cleaning it. Make secondary use of different articles.
  - Recycle – Keep things which can be recycled to be given to rag pickers or waste pickers (Kabadiwallahs). Convert the recyclable garbage into manures or other useful products.
- 2) Segregation at source: Store organic or biodegradable and inorganic or non biodegradable solid waste in different bins. Recycle of all the components with minimum labor and cost.
- 3) Different treatments for different types of solid wastes: One must apply the techniques which are suitable to the given type of garbage. For example the technique suitable for general market waste may not be suitable for slaughter house waste.
- 4) Treatment at nearest possible point: The solid waste should be treated in as decentralized manner as possible. The garbage generated should be treated preferably at the site of



generation i.e. every house. Based on the above principles, an ideal Solid Waste Management for a village could be as under.



### Waste Management System in India

Waste management market comprises of four segments – Municipal Waste, Industrial Waste, Bio- Medical Waste and Electronic Waste Market. All these four types of waste are governed by different laws and policies as is the nature of the waste. In India waste management practice depend upon actual waste generation, primary storage, primary collection, secondary collection and transportation, recycling activity, Treatment and disposal.

### Waste Collection in India:

Primarily by the city municipality

- No gradation of waste product eg bio-degradable, glasses, poly bags, paper shreds etc.
- Dumps these wastes to the city outskirts Local raddiwala / kabadiwala (Rag pickers)
- Collecting small iron pieces by magnets
- Collecting glass bottles
- Collecting paper for recycling

### Waste Management Initiatives in India

During the recent past, the management of solid waste has received considerable attention from the Central and State Governments and local (municipal) authorities in India. A number of partnerships/alliances are found to exist in the field of solid waste management in Indian cities. These alliances are public-private, community-public and private-private arrangements.

Legal Framework	<ul style="list-style-type: none"> <li>• 74th Constitutional Amendment Act, 1992</li> <li>• Management and Handling Rules</li> <li>• Environment (Protection) Act, 1986</li> <li>• National Environment Tribunal Act, 1995</li> <li>• National Environment Appellate Authority Act, 1997</li> <li>• Water (Prevention &amp; Control of Pollution) Act, 1974</li> <li>• Water (Prevention &amp; Control of Pollution) Cess Act, 1977</li> </ul>
Policy Initiatives	<ul style="list-style-type: none"> <li>• National Urban Sanitation Policy, 2008</li> <li>• National Environment Policy, 2006</li> <li>• Policy Statement for Abatement of Pollution, 1992</li> <li>• National Conservation Strategy and Policy Statement on Environment and Development, 1992</li> <li>• Law Commission Recommendation</li> <li>• Ecomark Scheme, 1991</li> </ul>
<b>Key Government Programmes</b>	<ul style="list-style-type: none"> <li>• JNNURM</li> <li>• Total Sanitation Campaign</li> <li>• MNRE's Waste-to-Energy</li> <li>• Integrated Low Cost Sanitation Scheme</li> <li>• National Biogas and Manure Management Programme</li> <li>• Latest: Swachh Bharat Abhiyan</li> </ul>

### **Challenges in India**

Key issues and challenges include lack of collection and segregation at source, scarcity of land, dumping of e-waste, lack of awareness, etc. Simple dumping of mixed waste is the practice followed practically everywhere and especially in the developing countries as they cannot mobilize financial resources for applying expensive technology propounded by the developed countries. In India, "The new Municipal Solid Waste Management Rules 2000", which came into effect from January 2004, fail, even to manage waste in a cyclic process. Waste management still is a linear system of collection and disposal, creating health and environmental hazards. Urban India is likely to face a massive waste disposal problem in the coming years. Until now, the problem of waste has been seen as one of cleaning and disposing as rubbish. But a closer look at the current and future scenario reveals that waste needs to be treated holistically, recognizing its natural resource roots as well as health impacts. Waste can be wealth, which has tremendous potential not only for generating livelihoods for the urban poor but can also enrich the earth

through composting and recycling rather than spreading pollution as has been the case. Increasing urban migration and a high density of population will make waste management a difficult issue to handle in the near future, if a new paradigm for approaching it is not created.

### **Suggestions for future improvement**

The political will is the first priority. Generally Government bodies and municipalities give priority to present problems which they face but do not think for future problems due to environmental decay. Their view is that, they will solve problems when they will face it but not now. Because doing something for environment does not provide political gains or assure next time seat. Now questions is that how can we change this mentality? We believe there should be a positive approach for a long time planning and implementation. Legislation and its effective enforcement is a key to sustainability for which the framework requires to be established. Efforts to improve waste storage and collection are required. This can be done when each household and locality are provided standard bins that are placed outside for ease of collection. In areas where this is not appropriate, centrally located waste collection points should be established that are shared by a number of households. Wastes need to be increasingly sorted at the source, to separate materials that can be recycled and to reduce the amount of wastes requiring collection and disposal. Co-operation is required among communities, the informal sector, the formal waste collectors and the authorities. An effective Solid Waste Management system should aim at minimizing manual handling and 100 % collection & transportation of solid wastes should be achieved.

In solid waste management, one thing became very clear that segregation at source is to be practiced. There are lots of initiatives to manage wastes but goes in vein because of not identifying wealth in wastes. In India, we cannot afford sanitary land filling as land is precious here and there are lot of municipalities who do not have land as trenching ground. The source segregation needs lot of study on human behavior against waste littering. A continuous sensitization programme is to be planned according to the sentiments of the residents towards their city and ultimately it will work as wonders. If waste segregation is practiced, the potential threats can be minimized directly. Besides, the quality of materials retrieved will be better due to absence of mixing. The pickers can thus, fetch better money on the materials retrieved besides having lesser threats of catching diseases, cuts and wounds encountered in the usual practice of waste picking.

The adoption and transfer of the technologies from the developed countries without adapting them to the local or regional perspective would be fallacious on the part of the developing countries. Therefore, the technical aspects for a waste management would have to take into account many points for planning and implementation of strategies according to situation of the country. It would call for the strengthening of the management sector which has to go hand in hand with technical planning. General public can play a very important role. Public participation is necessary for a proper waste management system. Changes in the habits of segregation,



littering, can change the approach towards wastes. For example in a heritage town of West Bengal, there was a movement related to waste management. Within a span of two years it successfully sensitized residents for segregation at source and not littering in open areas. Now the city is really becoming clean and other people are also participating in the movement.

In order to improve the system efficiency and increase the coverage to 100 percent in each city, it is recommended to explore alternative arrangements for collection of waste like involving private operators. A mechanism to generate revenue from the citizens should also be developed. However, the approach to public-private partnerships pursued in the developed countries cannot be replicated for Indian towns in general. This approach can only be implemented after some modifications taking into account the local conditions.

Plastics waste is a significant portion of the total municipal solid waste (MSW). Recycling of plastics should be carried in such a manner to minimize the pollution level during the process and as a result to enhance the efficiency of the process and conserve the energy. Newer techniques related to recycling and reuse of plastic can be adopted.

### **Conclusion**

In order to make proper waste management activity sustain in true sense, following other points need to be given attention to –

1) Region specific planning: Looking at the geographical, topographical and cultural diversity of the country it can be divided into five regions such as Northern region, Eastern region, Western region, Central region and Southern region. Each of these regions has different structure. Hence all the activities should be planned & implemented on regional basis.

2) Planning from below: To make Solid Waste Management a success in true sense, the planning as well as implementation should start from general public level planning followed by block level planning, district level planning and state level planning.

3) Involvement of self help groups, youth groups and small entrepreneurs: The general public level waste management units can be run by self help groups, youth groups or small entrepreneurs. This will help in making the programme self supportive and sustainable.

4) Well planned and effective training policy: Technical training at all levels (General public to state) forms the backbone of a successful waste management programme. Adequate training must be given to all those concerned prior to actual launching of the programme in the field.

### **Recommendations**

1. Keep our self informed: It is important that we are in the know about what is happening on the environment front. Read about how untreated sewage is thrown into the rivers, attend public lectures about air pollution, & keep in touch with new policies that affect our environment. The more informed we are, the better equipped we are to fight such issues.
2. Consume less: Motto: Refuse.....Reduce....Reuse... Recycle .This means consuming fewer resources, reusing whatever we can and finally recycling what cannot be reused. This process greatly reduces the garbage.

3. **Say 'No' to plastic bags:** One of the biggest sources of pollution in Indian cities is the ubiquitous plastic bag. Refuse to accept one. Instead, carry a cloth shopping bag with us.
4. **Separate our garbage:** India has one of the world's most efficient recycling mechanisms. Use the service of our raddiwalla. Newspapers, bottle cans and other such recyclables can fetch us money and in the process we can help to save the environment. Rag pickers, too, perform a vital function for the city. Kitchen garbage (biodegradable) should be separated from non-biodegradable waste.
5. **Compost our organic waste:** Start a vermiculture bin. We can convince our neighbors to start a vermiculture bin also to produce manure.
6. **Stop burning garbage:** Ask our neighbors to desist from burning solid wastes. It may seem harmless but smoke emitted from leaves contributes to air pollution. Also, when there are plastic in the heap, it emits dangerous toxic fumes. Leaves can be converted to fertilizer through composting & plastic can be recycled.



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164	AVNEESH GUPTA	B.Sc Agricultural Semester-4
165	gaurav mishra	B.Sc Agricultural Semester-4
166	VIVEK KUMAR SHUKLA	B.Sc Agricultural Semester-4
167	BHANU PRAKASH TIWARI	B.Sc Agricultural Semester-4
168	ravi kumar	B.Sc Agricultural Semester-4
169	adarsh singh	B.Sc Agricultural Semester-4
170	KAUSHLENDRA PRATAP SINGH	B.Sc Agricultural Semester-4
171	shreya singh	B.Sc Agricultural Semester-4
172	AKHILESH KUMAR SHUKLA	B.Sc Agricultural Semester-4
173	DEV PRAKASH TIWARI	B.Sc Agricultural Semester-4
174	Shri Prakash Shukla	B.Sc Agricultural Semester-4
175	palak srivastava	B.Sc Agricultural Semester-4
176	krishna kumar	B.Sc Agricultural Semester-4
177	Nishant Dube	B.Sc Agricultural Semester-4
178	HIMANSHU CHATURVEDI	B.Sc Agricultural Semester-4
179	Akash Kumar Mishra	B.Sc Agricultural Semester-4
180	DURGESH TIWARI	B.Sc Agricultural Semester-4
181	ALOK KUMAR TIWARI	B.Sc Agricultural Semester-4
182	RAM KUSHAL	B.Sc Agricultural Semester-4
183	ADARSH SINGH	B.Sc Agricultural Semester-4
184	DURGESH	B.Sc Agricultural Semester-4
185	mohit pandey	B.Sc Agricultural Semester-4
186	PRASHANT MISHRA	B.Sc Agricultural Semester-4
187	FAIZAN ALI ANSARI	B.Sc Agricultural Semester-4



188	UMESH KANAUIYA	B.Sc Agricultural Semester-4
189	Mrityunjay Shukla	B.Sc Agricultural Semester-4
190	shiv shankar trivedi	B.Sc Agricultural Semester-4
191	Abhyuday shukla	B.Sc Agricultural Semester-4
192	MOHD NAEEM	B.Sc Agricultural Semester-4
193	MOHD SADIQ ALAM	B.Sc Agricultural Semester-4
194	deependra kumar chaurasia	B.Sc Agricultural Semester-4
195	SHAILENDRA PRATAP SINGH	B.Sc Agricultural Semester-4
196	AMIT TIWARI	B.Sc Agricultural Semester-4
197	RAHUL MAURYA	B.Sc Agricultural Semester-4
198	ASHUTOSH PANDEY	B.Sc Agricultural Semester-4
199	vishal kumar rao	B.Sc Agricultural Semester-4
200	MOHIT YADAV	B.Sc Agricultural Semester-4
201	masood ansari	B.Sc Agricultural Semester-4
202	RAHUL DUBEY	B.Sc Agricultural Semester-4
203	RAJESH KUMAR YADAV	B.Sc Agricultural Semester-4
204	SAMRIDH YADAV	B.Sc Agricultural Semester-4
205	JAI KISHAN GUPTA	B.Sc Agricultural Semester-4
206	ARVIND KUMAR	B.Sc Agricultural Semester-4
207	NUTAN SINGH	B.Sc Agricultural Semester-4
208	AKHILESH KUMAR YADAV	B.Sc Agricultural Semester-4
209	JATA SHANKER	B.Sc Agricultural Semester-4
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213	sachin mishra	B.Sc Agricultural Semester-4
214	VIKAS KUMAR MISHRA	B.Sc Agricultural Semester-4
215	vineet mishra	B.Sc Agricultural Semester-4
216	Harsh Ruhela	B.Sc Agricultural Semester-4
217	SANJAY VERMA	B.Sc Agricultural Semester-4
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219	muneerah siddique	B.Sc Agricultural Semester-4
220	avanish maurya	B.Sc Agricultural Semester-4
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223	ashish tiwari	B.Sc Agricultural Semester-4
224	suneel kumar	B.Sc Agricultural Semester-4
225	manoj mishra	B.Sc Agricultural Semester-4
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227	navneet srivastava	B.Sc Agricultural Semester-4
228	Shivam sahu	B.Sc Agricultural Semester-4
229	RITESH TIWARI	B.Sc Agricultural Semester-4
230	harsh verma	B.Sc Agricultural Semester-4
231	NITESH KUMAR OJHA	B.Sc Agricultural Semester-4
232	kamal ojha	B.Sc Agricultural Semester-4
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234	RAHUL BAJPAYEE	B.Sc Agricultural Semester-4

235	ANKITA MISHRA	B.Sc Agricultural Semester-4
236	VANDANA TIWARI	B.Sc Agricultural Semester-4
237	sanober khatoon	B.Sc Agricultural Semester-4
238	neeraj tiwari	B.Sc Agricultural Semester-4
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241	MANISH GOSWAMI	B.Sc Bio Year-3
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247	Anamika Srivastva	B.Sc Bio Year-3
248	RUPALI SHUKLA	B.Sc Bio Year-3
249	SHANTI KASHYAP	B.Sc Bio Year-3
250	anshika tiwari	B.Sc Bio Year-3
251	Deepika Verma	B.Sc Bio Year-3
252	sakshi srivastva	B.Sc Bio Year-3
253	NISHA MAURYA	B.Sc Bio Year-3
254	UMA YADAV	B.Sc Bio Year-3
255	Amit KUMAR SINGH	B.Sc Bio Year-3
256	SHANI	B.Sc Bio Year-3
257	RUBY MISHRA	B.Sc Bio Year-3
258	PINKY YADAV	B.Sc Bio Year-3
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 GONDA (UP)

# One Day Workshop on “Advancement & Career Opportunities in Mathematics”

## Detailed Report:

IQAC and Department of Mathematics, Shri Lal Bahadur Shastri Degree College, Gonda, organized a Oneday workshop titled “Advancement & Career Opportunities in Mathematics” on 17 Dec 2021. **Dr. Sayed Abbas, Associate Professor, School of Basic Sciences, Indian Institute of Technology, Mandi** was the chief guest and keynote speaker of the workshop.

The poster is for a one-day workshop titled "Advancement & Career Opportunities in Mathematics" held on 17 December 2021. It features a portrait of Dr. Sayed Abbas, an Associate Professor at the School of Basic Sciences, Indian Institute of Technology, Mandi, as the Key Note Speaker. The event is organized by the Department of Mathematics at Shri Lal Bahadur Shastri Degree College, Gonda. The target audience is U.G. & P.G. Students of Mathematics. The poster also lists the Convener (Dr. Sanjay Kumar Pandey), Patron (Prof. Ravindra Kumar), and Organizing Secretary (Manish Sharma).

**One Day Workshop on  
“Advancement & Career Opportunities in Mathematics”**

**Date: 17 December 2021**

**Key Note Speaker**

**Dr. Sayed Abbas**  
Associate Professor  
School of Basic Sciences  
Indian Institute of Technology, Mandi

**Target Audience- U.G. & P.G. Students of Mathematics**

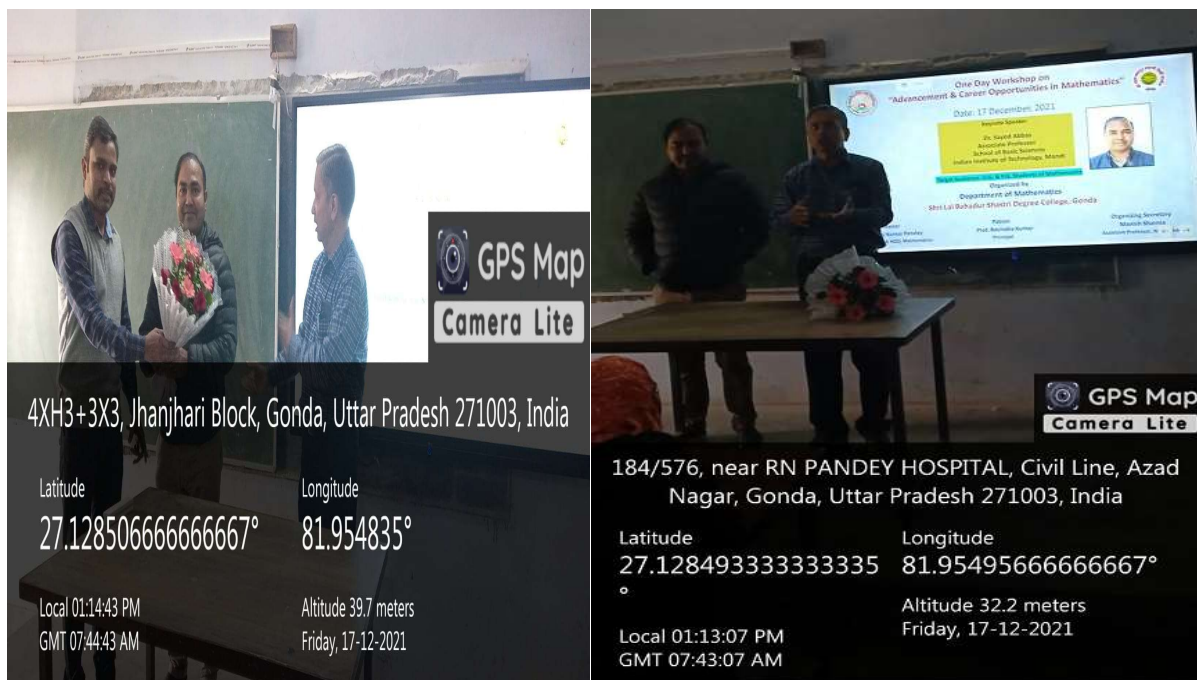
Organized by  
Department of Mathematics  
**Shri Lal Bahadur Shastri Degree College, Gonda**

Convener  
Dr. Sanjay Kumar Pandey  
Associate Prof. & HOD, Mathematics

Patron  
Prof. Ravindra Kumar  
Principal

Organizing Secretary  
Manish Sharma  
Assistant Professor, Mathematics

The programme started with the welcome of the guest and welcome speech by the Convener Dr. Sanjay Kumar Pandey, Associate Professor & Head, Department of Mathematics.

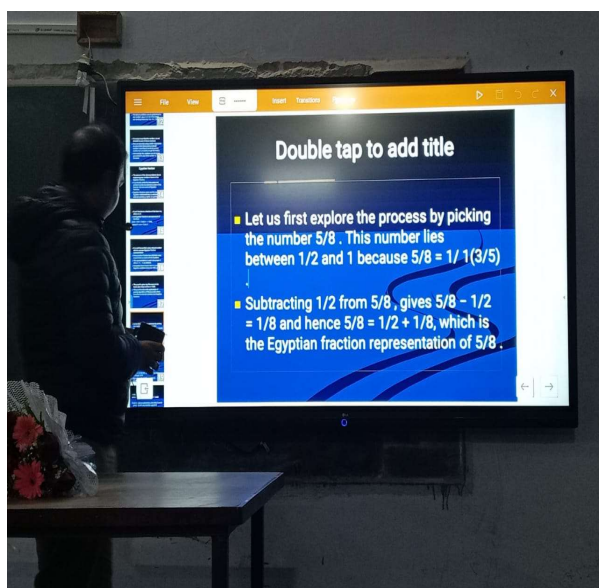


In his first lecture, Dr. Abbas discussed the various career opportunities for the under graduate and post graduate students of Mathematics. He briefly discussed the benefits of pertaining the higher education of Mathematics from IIT's and high-ranking institutes. He also summarized the process of Ph.D. from foreign institutes. He listed some the highly established institutes of international and national level. He also emphasized the requirement of specific skills and courses which are being demanded by various job providing companies.

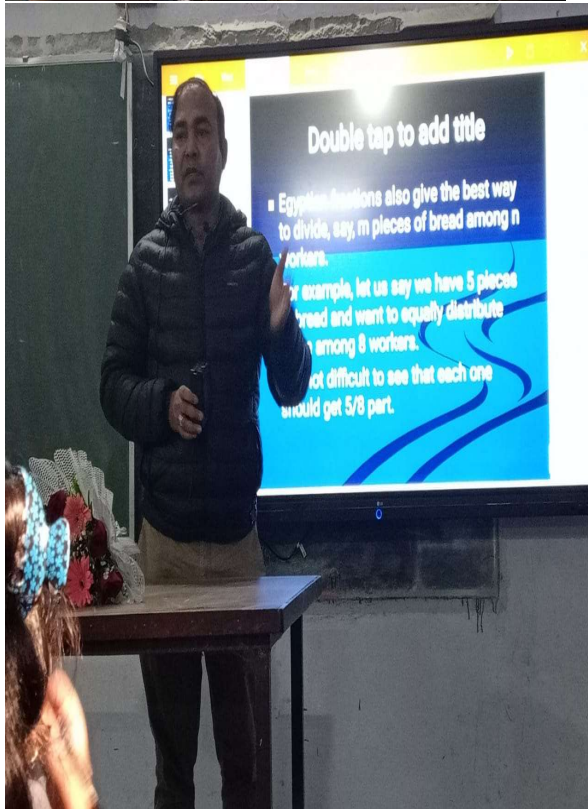




In next lecture, the keynote speaker focused the advancement and current trends of research in Mathematics. He started with ‘‘Sheep Distribution Problem’’ and discussed different aspects of distribution. He told the students that mathematics is being used in every filed of science. He discussed a epidemiological model of Corona virous disease briefly. He explained, how a mathematical model can be used while planning the strategies to fight with such epidemiological diseases.







In last session the keynote speaker took the queries of the participants and replied all of them one by one.

At the end, organizing secretary of the workshop, Mr. Manish Sharma gave the vote of thanks to the Chief guest, management of the institute, Principal Sir,

Converner of the Workshop, All the faculty members of the department and all the participants.

A total number of 105 participants of B.Sc. and M.Sc. students registered themselves after the workshop and around 120 students attended the workshop. Offline attendance of the students was also taken. In this workshop, Assistant Professor Dr. Vivek Khare, Dr. Ankit Maurya and Mr. Surendra Tiwari were also present throughout the all sessions of the workshop.

Timestamp	Email Address	Name of Candidate	Class	Mobile No.
12-17-2021 12:55:18	lsh4190291@gmail.com	Mohd Azam	Msc 2	723590897
12-17-2021 12:58:19	andamannsh9@gmail.com	Andaman Mishra	B. Sc 2ndyears	765206285
12-17-2021 12:58:04	sumansinghm1@gmail.com	Suman Singh	M. Sc. final year	8881407221
12-17-2021 12:58:33	sadyathasansad@gmail.com	Sadya Hasan	M. Sc final years	630233527
12-17-2021 12:59:48	singhshay110@gmail.com	Ahlaya prapad singh	M. Sc. Final year	802875841
12-17-2021 13:00:12	mukeshpandey@gmail.com	Mukesh Pandey	M. Sc 2	962895165
12-17-2021 13:00:29	mahmatwars83@gmail.com	Mahma twar	BSC 1 year	817495289
12-17-2021 13:01:24	sakshishukla1504@gmail.com	Sakshi shukla	M.Sc previous year	630708714
12-17-2021 13:02:26	ritansingh96@gmail.com	Rohini Singh	B.Sc. part 3	955508407
12-17-2021 13:03:11	mshy051@gmail.com	Nitya Maurya	Msc 2 math	775400009
12-17-2021 13:05:01	asmasdara.khan10@gmail.com	Asma Isam Khan	M.Sc previous	8881502773
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12-17-2021 13:05:18	pratyang40@gmail.com	Pritya Singh	Bsc 3 year	765200219
12-17-2021 13:05:32	dubeyshwari55@gmail.com	Shwari Dubey	B sc 2	830328108
12-17-2021 13:05:42	Amshikaverma78@gmail.com	Amshika Verma	Bsc 1st year	600637582
12-17-2021 13:05:47	ndak300@gmail.com	Nashrah fatma	M. Sc final year	938172321
12-17-2021 13:06:02	kanchanshukla2323@gmail.com	Kanchan shukla	M. Sc 2nd	798587836
12-17-2021 13:06:04	snyha83@gmail.com	Nitya Sharma	B.Sc 2nd year ( maths)	638830392
12-17-2021 13:06:17	shuramson04@gmail.com	SHRI RAM SONI	M. SC PREVIOUS	9984381576
12-17-2021 13:06:24	prityang40@gmail.com	Pritya Singh	Bsc 3 year	765200219
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12-17-2021 13:08:50	neeraj1071997@gmail.com	Neeraj Tiwari	M. Sc. Previous year	7700760277
12-17-2021 13:09:04	anshu2650@gmail.com	Ansha Verma	M. Sc. 2nd	829932622
12-17-2021 13:09:04	ppa9778@gmail.com	ARJI PAL	M. Sc. 2nd	7651945408



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# National Conference

on

**“Smart Material and Devices for Sustainable Technologies”**

**(20 - 21 June, 2022)**

Organized by

**Department of Physics and IQAC**

of

**Shri Lal Bahadur Shastri Degree College, Gonda, U.P.**

(Affiliated to Dr. R.M.L. Avadh University Ayodhya, U.P.)

Co-Sponsored by

**Satya Saroj Foundation Gonda**



## ABOUT THE CONFERENCE

Great emphasis has been laid on the utility of innovative and smart materials & devices to achieve environmental sustainability, cost-efficacy, and safety. Innovative tools and better functioning materials are gaining importance to offer state-of-the-art solutions to the long-lasting complication, particularly damaging effect on the environment. Smart materials provide varied profits like the stability of the structure, environmental protection, and repairability. Smart materials and devices are still undergoing study and research to arrive at a new class of materials that shall provide creativity to architecture and sustainability to construction in addition to being multipurpose. Thus, once successfully established, smart materials shall bring a total revolution in the way we perceive and look at the built environment. Smart materials and devices are defined as specially designed materials that generate a unique favorable response to the occurrence of a specific alteration in their surrounding environment. Smart materials and devices are thought to be a rational extension of conventional materials further developed for more selective and specific performance. Thus, smart materials can be compared to living beings as they are capable to sense and motivate the response and finally adapt to the resulting new surroundings. In other words, smart materials and devices have the ability to alter themselves in reaction to an exterior provocation by generating some signal. By using smart materials, a complex system comprising of individual structure, sensors and actuators can all integrate into a single material, thereby reducing total size and intricacy of the system.



## SUB-THEMES OF THE CONFERENCE

- Carbon nanostructure modified life Po4 cathodes for lithium-ion battery applications.
- Failure analysis of bubble canopy: MiG -29 Aircraft.
- Effect of additives on gelation of methylcellulose based ophthalmic thermo-responsive in situ gels.
- Surface plasmon resonance for C-reactive protein detection in human plasma.
- Sustainable waste water treatment plants networks design through multi-objective optimization.
- Magnesium ferrite/polyvinyl alcohol nanocomposites fabrication and characterization.
- Single crystal silicon nanomembrane molecular sieves.
- Robust sustainable infrastructure using smart materials and technologies.
- Carbon based smart organic devices and bio product derived sustainable technology application.
- Eco friendly nanomaterials for flexible sensors, opto-electronics and solar energy harvesting.
- Effects of porosity distribution on properties of multifunctional foam structure.
- Wheat bran fiber as resources for industries.
- Optoelectronic diffusion waves in semiconductors: carrier lifetime chronotomography imaging of Si solar cells.
- Two thirds of world population will be under water stress
- Power, Energy, Efficient resource management, and Energy Harvesting
- Things to Cloud: Computation and Communication Gateways
- Semantic technologies: Information and data models for interoperability
- Other concerning topics are also accepted.

### Important Dates to Remember

Opening of Registration	June 02, 2022
Last Date for Submission of Abstract	June 17, 2022
Last Date for Online Registration	June 17, 2022
Last Date for Submission of Full Paper	June 19, 2022
Paper Presentation	June 20–21, 2022

(Note: Offline Registration will be available on the spot)

Abstract can be sent to the email: [lbsdcpphysics@gmail.com](mailto:lbsdcpphysics@gmail.com)

Inauguration and Invited Lectures from renowned Resource Persons and  
Research Paper Presentation



## Inaugural Lecture

by



**Prof. S.N. Shukla**  
Department Of Physics  
Dr. R.L.A. University Ayodhya

## Keynote Speakers



**Prof D.K. Dwivedi**  
Dean of Faculty Affairs  
MMNIT, Gorakhpur-  
273010, U.P



**Prof S.K. Tripathi**  
Dean Research and  
Consultancy  
Mahatma Gandhi Central  
University Motihari Bihar



**Prof. R.S. Singh**  
OSD, Maha Yogi Guru Shri  
Gorakshanath Shodh Peeth and  
Department of Physics,  
DDU Gorakhpur University



**Dr A.K. Maurya**  
Department of Physics,  
School of Physical and Decision  
Sciences Babasaheb Bhimrao  
Ambedkar University, Lucknow

## Venue:

Smt. Lalita Shastri Sabhagar, Shri Lal Bahadur Shastri Degree College, Gonda

## Conference Registration Fees

Category	Amount
PG Students	INR 200
Research Scholar/Guest Faculty of SLBSDC	INR 300
Faculty	INR 500
Paper Publication Fee (Additional)	INR 700
Industry	INR 1000

(Fee can be submitted in both manual and online mode)

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*Bank Name: HDFC Bank*  
*Account Holder Name: Namrata Shukla*  
*Account Number: 50100393829659*  
*IFSC Code: HDFC0001901*



Acceptable mode of payment: Google Pay/Paytm/Internet Banking/Card Payment

### Registration Link:

[https://docs.google.com/forms/d/e/1FAIpQLSdIISOZiTUItXLQTwawFvCEb\\_UMXf6tZnxmdPHw9d7Qb49tWsg/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdIISOZiTUItXLQTwawFvCEb_UMXf6tZnxmdPHw9d7Qb49tWsg/viewform?usp=sf_link)



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Dr. Shyam Bahadur Singh, SLBSDC, Gonda  
Dr. Ashok Kumar Yadav, SLBSDC, Gonda  
Dr. VCHNK Srinivas Rao, SLBSDC, Gonda  
Dr. Rishikesh Singh, SLBSDC, Gonda  
Dr. Sandeep Kumar Srivastava, SLBSDC, Gonda  
Dr. Mansha Ram Verma, SLBSDC, Gonda  
Dr. Shashi Bala, SLBSDC, Gonda  
Dr. Jai Shankar Tiwari, SLBSDC, Gonda  
Dr. Neeraj Yadav, SLBSDC, Gonda

Mr. Lohansh Kumar Kalyani, SLBSDC, Gonda  
Mr. Awadhesh Kumar Verma, SLBSDC, Gonda  
Mr. Pawan Kumar Singh, SLBSDC, Gonda  
Dr. Chaman Kaur, SLBSDC, Gonda  
Dr. Shailesh Kumar, SLBSDC, Gonda  
Mr. Om Prakash Yadav, SLBSDC, Gonda  
Dr. Achyut Sukla, SLBSDC, Gonda  
Dr. Arun Pratap Singh, SLBSDC, Gonda  
Dr. Dalip Kumar, Singh SLBSDC, Gonda  
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Dr. Ajeet Kumar Mishra, SLBSDC, Gonda  
Dr. Mamta Shukla, SLBSDC, Gonda  
Dr. Raj Bahadur Chaudhary, SLBSDC, Gonda  
Dr. Shailja Singh, SLBSDC, Gonda  
Dr. Smriti Shishir, SLBSDC, Gonda  
Dr. Zilajeet Shukla, SLBSDC, Gonda  
Dr. Neetu Saxena, SLBSDC, Gonda  
Dr. Sangita Yadav, SLBSDC, Gonda  
Dr. Smita Singh, SLBSDC, Gonda  
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Dr. Harish Kumar Shukla, SLBSDC, Gonda  
Dr. Arun Kumar Verma, SLBSDC, Gonda

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Principal  
Shri. Lal Bahadur Shastri Degree College  
Gonda



# LAL BHADUR SHASTRI DEGREE COLLEGE, GONDA

## SEMINOR LIST (PHYSICS)

S.No.	Name	Designation	Department	Class/Subject.	College Name	Mob.No.
1	Deepak Kumar Singh	Research Scholar		Physics	Dr. R.M.L.A.U Ayodhya	9838988343
2	Alok Kumar Pandey	Research Scholar		Physics	M.L.K.P.G. College, Balrampur	
3	Abhinav Tripathi	Research Scholar		Physics	Dr. R.M.L.A.U.Ayodhya	9307571188
4	Dr. Chaman Kaur	Assistant Prof.	B.Ed		S. L.B.S.D. College, Gonda	
5	Nagesh Kumar Pandey	Student		M.Sc(Botany)	A.B.R.P.G.C. Anpara Sonebhdra	9918888500
6	Pooja Vishwas	Student		Mathematics	S. L.B.S.D. College, Gonda	9506939464
7	Manoj Kumar	Student		Physics	S. L.B.S.D. College, Gonda	6389354442
8	Rajani Pandey	Student		Physics	S. L.B.S.D. College, Gonda	7379633965
9	Vaishnavi Shukla	Student		Physics	S. L.B.S.D. College, Gonda	7705981671
10	Mohammad Aslam <i>Atad</i>	Student		M.Sc.II(Phy.)	S. L.B.S.D. College, Gonda	9795675738
11	Alok Kumar	Student		M.Sc.I(Phy.)	S. L.B.S.D. College, Gonda	9889661170
12	Vishal Mishra	Student		Physics	S. L.B.S.D. College, Gonda	7704914988
13	<del>Mohammad Aslam</del>	<del>Student</del>		<del>Physics</del>	<del>S. L.B.S.D. College, Gonda</del>	<del>7007198482</del>
14	Adil Alam ✓	Student		Physics	S. L.B.S.D. College, Gonda	7007282529
15	Vaishav Tandon ✓			Physics	S. L.B.S.D. College, Gonda	8957708757
16	Kirshna Kumar Mishra ✓	Student		Physics	S. L.B.S.D. College, Gonda	7705891092
17	Satish Kumar ✓	Student		M.Sc.II(Phy.)	S. L.B.S.D. College, Gonda	9721011656
18	Mahrnunisha ✓	Student		M.Sc.II(Phy.)	S. L.B.S.D. College, Gonda	6393222676
19	Anshika Shukla ✓	Student		M.Sc.II(Phy.)	S. L.B.S.D. College, Gonda	8303046854
20	Harshita Pandey ✓	Student		M.Sc.II(Phy.)	S. L.B.S.D. College, Gonda	8173067088
21	Shristi Tiwari ✓	Student		M.Sc.II(Phy.)	S. L.B.S.D. College, Gonda	6394350415





S.No.	Name	Designation	Department	Class/Subject.	College Name	Mob.No.
44	Arunendra Nath Tripathi ✓	Student		Physics	Dr. R.M.L.A.U.Ayodhya	7652025371
45	Raj Kishor Yadav	Student		Physics	S. L.B.S.D. College, Gonda	9452194965
46	Nikht Akhtar	Research Scholar		Physics	Dr. R.M.L.A.U.Ayodhya	7268919065
47	Surya Kant	Research Scholar		Physics	S. L.B.S.D. College, Gonda	8081778878
48	Prateeksha Yadav	Research Scholar		Physics	S. L.B.S.D. College, Gonda	7234875760
49	Jyoti <i>DNLU</i>	Research Scholar		Physics	S. L.B.S.D. College, Gonda	8178552376
50	Shyama Yadav ✓	Student		Physics	S. L.B.S.D. College, Gonda	
51	Ashutosh Tiwari ✓	Student		Mathematics	S. L.B.S.D. College, Gonda	7081889241
52	Ravi Shankar Shukla ✓	Student		Mathematics	S. L.B.S.D. College, Gonda	9839078075
53	Rajan Kumar ✓	Student		M.Sc.(Math.)	S. L.B.S.D. College, Gonda	7275773464
54	Vikash Maurya ✓	Student		M.Sc.(Math.)	S. L.B.S.D. College, Gonda	9565351058
55	Abhay Pratap Singh ✓	Student		M.Sc.(Math.)	S. L.B.S.D. College, Gonda	8528735841
56	Nitish Vishwkarma ✓	Student		M.Sc.(Math.)	S. L.B.S.D. College, Gonda	7571954162
57	Sakshi Shukla ✓	Student		M.Sc.(Math.)	S. L.B.S.D. College, Gonda	6307667714
58	Suhani Gupta ✓	Student		M.Sc.I	S. L.B.S.D. College, Gonda	9838962111
59	Sandip Kumar Mishra ✓	Student		Physics	S. L.B.S.D. College, Gonda	9336063858
60	Abhinav Kumar ✓	Student		M.Sc.I(Phy.)	S. L.B.S.D. College, Gonda	9140327254
61	Roli Tiwari ✓	Student		Physics	S. L.B.S.D. College, Gonda	9140023353
62	Mohd Ahmad ✓	Student		M.Sc.II(Phy.)	S. L.B.S.D. College, Gonda	9005545732
63	Harsh Srivastava ✓	Student		M.Sc.II(Phy.)	S. L.B.S.D. College, Gonda	9120757708
64	Sanjeet Kumar ✓	Student		M.Sc.II(Phy.)	S. L.B.S.D. College, Gonda	7897779101
65	Nishant Kumar Tiwari ✓	Student		M.Sc.II(Phy.)	S. L.B.S.D. College, Gonda	6200672374

S.No.	Name	Designation	Department	Class/Subject.	College Name	Mob.No.
66	Shraddha Srivastava ✓	Student		Physics	S. L.B.S.D. College, Gonda	7233931742
67	Damayanti Mishra ✓	Student		Physics	S. L.B.S.D. College, Gonda	7080963968
68	Shruti Kumari ✓	Student		Physics	S. L.B.S.D. College, Gonda	8318516193
69	Arti Sharma ✓	Student		Physics	S. L.B.S.D. College, Gonda	7460991382
70	Mushan Gupta ✓	Student		Physics	S. L.B.S.D. College, Gonda	7068741525
71	Anamika Kumari ✓	Student		M.Sc.II(Phy.)	S. L.B.S.D. College, Gonda	7565998035
72	Pradumna ✓	Student		Physics	S. L.B.S.D. College, Gonda	6389324722
73	Vandana Jaiswal ✓	Student		M.Sc.I(Phy.)	S. L.B.S.D. College, Gonda	7398356972
74	Shiwani Gupta ✓	Student		M.Sc.II(Phy.)	S. L.B.S.D. College, Gonda	8948585278
75	Rehana ✓	Student		M.Sc.II(Phy.)	S. L.B.S.D. College, Gonda	9336702740
76	Priya Shukla ✓	Student		M.Sc.I(Phy.)	S. L.B.S.D. College, Gonda	9569431005
77	Anubhuti Singh ✓	Student		M.Sc.I(Phy.)	S. L.B.S.D. College, Gonda	8795439050
78	Mohan Bhaskar Tiwari ✓	Student		M.Sc.I(Phy.)	S. L.B.S.D. College, Gonda	7007878202
79	Vipin Dwivedi ✓	Student		Physics	S. L.B.S.D. College, Gonda	7706920097
80	Ankit Kumar ✓	Student		Physics	S. L.B.S.D. College, Gonda	9559060284
81	Shubham Vaishya ✓	Student		M.Sc.I(Phy.)	S. L.B.S.D. College, Gonda	8953837574
82	Riya Tiwari ✓	Student		M.Sc.I(Phy.)	S. L.B.S.D. College, Gonda	9839395101
83	Nandita Bharti ✓	Student		M.Sc.I(Phy.)	S. L.B.S.D. College, Gonda	9580751198
84	Uzma Ansari ✓	Student		M.Sc.I(Phy.)	S. L.B.S.D. College, Gonda	7379849859
85	Roshni Shukla ✓	Student		M.Sc.I(Phy.)	S. L.B.S.D. College, Gonda	99194397290
86	Sanshriti ✓	Student		M.Sc.II (phy)	S. L.B.S.D. College, Gonda	8545014621
87	Pragya Pandey ✓	Student		M.Sc.I(Phy.)	S. L.B.S.D. College, Gonda	7703002094



S.No.	Name	Designation	Department	Class/Subject.	College Name	Mob.No.
88	Kavita Pandey ✓	Student		M.Sc.I(Phy.)	S. L.B.S.D. College, Gonda	6390830980
89	Ambhalika Singh ✓	Student		M.Sc.I(Phy.)	S. L.B.S.D. College, Gonda	9369519991
90	Anjali Pathak ✓	Student		Physics	S. L.B.S.D. College, Gonda	9451174091
91	Dr. Aman Chandra ✓	Professor	Med. History		S. L.B.S.D. College, Gonda	9451028867
92	Soni Jaiswal ✓	Student		Mathematics	S. L.B.S.D. College, Gonda	7379227147
93	Tateer Fatma Jafri ✓	Student		M.Sc.II (phy)	S. L.B.S.D. College, Gonda	8115081257
94	Subhashinee Chaudhary ✓	Student		Mathematics	S. L.B.S.D. College, Gonda	8840717334
95	Nitya Maurya ✓	Student		Mathematics	S. L.B.S.D. College, Gonda	7754080609
96	Dr. Ajeet Kumar Mishra ✓	Assistant Prof.	Geography		S. L.B.S.D. College, Gonda	9415486215
97	Arun Kumar Mishra ✓	Assistant Prof.	Phy. Education		S. L.B.S.D. College, Gonda	8299770106
98	Jitendra Prasad ✓	Assistant Prof.	Chemistry		S. L.B.S.D. College, Gonda	8318373670
99	Dr. Satish Kumar Tiwari ✓	Assistant Prof.	Zoology		S. L.B.S.D. College, Gonda	9454799938
100	Dr. Ashok Kumar Pandey ✓	Assistant Prof.	Zoology		S. L.B.S.D. College, Gonda	9918765308
101	Amit Kumar Shukla ✓	Assistant Prof.	Defence		S. L.B.S.D. College, Gonda	9795560472
102	Sadhvi Singh ✓	Assistant Prof.	Pol.Science		S. L.B.S.D. College, Gonda	8795621800
103	Dr. Abhai Kumar Sriavastava ✓	Professor	Economics		S. L.B.S.D. College, Gonda	8840613529
104	Dr. Vinay Kumar Pandey ✓	Assistant Prof.	Agronomy		S. L.B.S.D. College, Gonda	8979784777
105	Dr. Arun Pratap Singh ✓	Assistant Prof.	Commerce		S. L.B.S.D. College, Gonda	9415454500
106	Surendra Kumar Tiwari ✓	Research Scholar			M.L.K.P.G. College, Balrampur	9451070481
107	Dr. Arvind Kumar Sharma ✓	Assistant Prof.			Saket Ayodhya	
108	Dr. Raj Bahadur Singh ✓	Assistant Prof.			Saryu Degree College	
109	Vishwakarma ✓ Brijendra Bahadur	Assistant Prof.	Chemistry		S. L.B.S.D. College, Gonda	9451604415

S.No.	Name	Designation	Department	Class/Subject.	College Name	Mob.No.
110	Shrishir Tripathi ✓	Assistant Prof.	Zoology		S. L.B.S.D. College, Gonda	9795757678
111	Sandip Kumar Srivastava ✓	Professor	B.Ed		S. L.B.S.D. College, Gonda	9451025670
112	Jai Shanker Tiwari ✓	Professor	Hindi		S. L.B.S.D. College, Gonda	9936733601
113	Sanjay Kumar Pandey ✓	Professor	Mathematics		S. L.B.S.D. College, Gonda	9415176625
114	Ram Samujh Singh ✓	Professor	Sociology		S. L.B.S.D. College, Gonda	9451042744
115	Binod Pratap Singh ✓	Professor	Commerce		S. L.B.S.D. College, Gonda	7007902329
116	Dharmendra Shukla ✓	Asst Professor	Defence		S. L.B.S.D. College, Gonda	
117	Mata Prasad Yadav ✓		Physics		S. L.B.S.D. College, Gonda	
118	S.C. Mishra ✓ Shukla	Asst Professor	Botany ✓		S. L.B.S.D. College, Gonda	7800433484
119	Dr. Ashok Kumar ✓	Assistant Prof.	Library		S. L.B.S.D. College, Gonda	9838644935
120	Sudhir Kumar Tiwari ✓	Assistant Prof.	Chemistry		S. L.B.S.D. College, Gonda	9450459410
121	Dr. Gaurav Mishra ✓	Assistant Prof.	Physics		S. L.B.S.D. College, Gonda	8957265422
122	Avaneesh Kumar Mishra ✓	Research Scholar		Horticulture	K.S.Saket P.G. College, Ayodhya	
123	Syed Shamroz Arshad ✓	Research Scholar		Physics	A.N.D.U.A. & T. K. AYODHYA	9161233921
124	Dr. Manvendra Pratap Singh ✓	Assistant Prof.	Physics		S. L.B.S.D. College, Gonda	7007223345
125	Dr. Raj Bahadur Chaudhary ✓	Assistant Prof.	Psychology		R.R.P.G. College, Amethi	9415156972
126	Vijay Kumar Agarwal ✓	Professor	Commerce		S. L.B.S.D. College, Gonda	9455594759
127	Shyam Bahadur Singh ✓	Professor	B.Ed		S. L.B.S.D. College, Gonda	9450524917
128	Dr. Arvind Kumar Singh ✓	Assistant Prof.	Chemistry		R.R.P.G. College, Amethi	9565283283
129	Vindhya Prasad Sahu ✓			M.Sc.(Zool.)	S. L.B.S.D. College, Gonda	7565972985
130	Dr. Dilip Shukla ✓	Assistant Prof.	Chemistry		S. L.B.S.D. College, Gonda	9451854116
131	Atul Singh ✓	Professor	Pol.Science		S. L.B.S.D. College, Gonda	9415361792



S.No.	Name	Designation	Department	Class/Subject.	College Name	Mob.No.
132	Rekha Sharma ✓	Professor	Botany		S. L.B.S.D. College, Gonda	
133	Mukul Sinha ✓	Professor	Zoology		S. L.B.S.D. College, Gonda	
134	Raghvendra Mishra ✓	Research Scholar			S. L.B.S.D. College, Gonda	9415176745
135	Sharwan Kumar Srivastava ✓	Professor	Botany		S. L.B.S.D. College, Gonda	8004330682
136	Shailendra Nath Mishra ✓	Professor	Hindi		S. L.B.S.D. College, Gonda	9450428461
137	Dr. Pushyamitra Mishra ✓	Assistant Prof.	Chemistry		S. L.B.S.D. College, Gonda	8004738579
138	Dr. Mamta Shukla ✓	Assistant Prof.	Psychology		S. L.B.S.D. College, Gonda	9696464535
139	Priyanka Jayswal ✓	Student		M.Sc. I(Zool.)	S. L.B.S.D. College, Gonda	8736022455
140	Aiman Ansari ✓	Student		M.Sc. I(Zool.)	S. L.B.S.D. College, Gonda	8795308871
141	Naaz Bano ✓	Student		M.Sc. I(Zool.)	S. L.B.S.D. College, Gonda	7526080768
142	Gulnaz Fatima ✓	Student		M.Sc. I(Zool.)	S. L.B.S.D. College, Gonda	8303209823
143	Ashna Shaukat ✓	Student		M.Sc. I(Zool.)	S. L.B.S.D. College, Gonda	9839332969
144	Madiha Abbasi ✓	Student		M.Sc. I(Zool.)	S. L.B.S.D. College, Gonda	7800020229
145	TanZeela Fatima ✓	Student		M.Sc. I(Zool.)	S. L.B.S.D. College, Gonda	8707259638
146	Mariyam Salman ✓	Student		M.Sc. (Zool.)	S. L.B.S.D. College, Gonda	8707290166
147	Shivani Tiwari ✓	Student		M.Sc. (Zool.)	S. L.B.S.D. College, Gonda	9682781790
148	Pankaj Tiwari ✓	Student		M.Sc. (Zool.)	S. L.B.S.D. College, Gonda	9119610800
149	Bushra Khatoon ✓	Student		M.Sc. (Zool.)	S. L.B.S.D. College, Gonda	7905268819
150	Anand Kumar Singh ✓	Research Scholar		chemistry	Dr. R.M.L.A.U.Ayodhya	9415666158
151	Fariha Siddiqui ✓	Student		Physics	Kishan P.G. College. Bahriach	7800177294
152	Anushka ✓	Student		Physics	Kishan P.G. College. Bahriach	6387475773
153	Mohd Furqan ✓	Assistant Prof.	chemistry		Dr. R.M.L.A.U.Ayodhya	8299672029

S.No.	Name	Designation	Department	Class/Subject.	College Name	Mob.No.
154	Divya Darshan Tiwari ✓	Research Scholar		Physics	M.L.K.P.G. College, Balrampur	7408587116
155	Durgesh Kumar Tiwari ✓	Research Scholar		chemistry	Dr. A.K.T. University, Lucknow	9857000122
156	Amit Ranjan Pandey ✓	Research Scholar		chemistry	Dr. A.K.T. University, Lucknow	9451114910
157	Shiv Prasad Pandey ✓	Research Scholar		Physics	M.L.K.P.G. College, Balrampur	9616938442
158	Dr. Dharmendra Pratap Singh ✓	Assistant Prof.	Agriculture		S. L.B.S.D. College, Gonda	9839371776
159	Richi Bajpayee ✓	Student		M.Sc. II(Phy.)	S. L.B.S.D. College, Gonda	8429619516
160	Mohd. Azeem ✓	Student		M.Sc.(Math.)	S. L.B.S.D. College, Gonda	7235926897
161	Dr. Audhesh Kumar Verma ✓	Assistant Prof.	Geography		S. L.B.S.D. College, Gonda	7827090681
162	Dr. Harish Kumar Shukla ✓	Assistant Prof.	Education		S. L.B.S.D. College, Gonda	9140327979
163	Dr. Riyasuddin ✓	Student		M.Sc.(Math.)	S. L.B.S.D. College, Gonda	7232994454
164	Antima Pandey ✓	Student		Mathematics	S. L.B.S.D. College, Gonda	6386879366
165	Avneesh Kumar ✓	Research Scholar		Physics	M.L.K.P.G. College, Balrampur	8287478818
166	Shivashi Pandey ✓	Student		M.Sc. I (Zool.)	S. L.B.S.D. College, Gonda	8303183837
167	Ananya Shukla ✓	Student		M.Sc.I	S. L.B.S.D. College, Gonda	7905434706
168	Dr. Nand Kumar ✓	Assistant Prof.	Physics		J.N.M.G. College, Barabanki	9452428580
169	Shrinkhala Patwa ✓	Student		Physics	Kishan P.G. College. Bahriach	7565986020
170	Diksha Yadav ✓	Student		M.Sc. (Phy.)	Kishan P.G. College. Bahriach	7860301328
171	Ruchi Bajapayee ✓	Student		M.Sc. II(Phy.)	S. L.B.S.D. College, Gonda	8429619516
172	Kirti Singh ✓	Student		M.Sc. (Phy.)	Kishan P.G. College. Bahriach	6394763256
173	Deksha ✓	Student		M.Sc. (Phy.)	Kishan P.G. College. Bahriach	7985096647
174	Yoman Khan Yusufzoi ✓	Research Scholar		Physics	D.D.U. Gorakhpur	9651974302
175	Mohd. Qadir ✓	Student		M.Sc. (Phy.)	Kishan P.G. College. Bahriach	8400241538



S.No.	Name	Designation	Department	Class/Subject.	College Name	Mob.No.
176	Meenakshi Srivastava ✓	Research Scholar		Commerce	Dr. R.M.L.A.U.Ayodhya	
177	Deeksha ✓	Student		M.Sc. (Phy.)	Kishan P.G. College. Bahriach	7985096647
178	Kirti Singh ✓	Student		M.Sc. (Phy.)	Kishan P.G. College. Bahriach	6394763256
179	Anand Kumar Pandey ✓	Research Scholar		chemistry	K.N.J.P.S.S. Sultanpur	9415250012
180	Alankar Singh ✓	Research Scholar		Physics	S. L.B.S.D. College, Gonda	7800177294
181	Maya Devi ✓	Student		Physics	Kishan P.G. College. Bahriach	9569367759
182	Banazeer Fatima Usafzai ✓	Student		M.Sc. II(Phy.)	Kishan P.G. College. Bahriach	8922847737
183	Anjali Singh ✓	Student		M.Sc. II(Phy.)	Kishan P.G. College. Bahriach	8957722639
184	Dev Narayan Pandey ✓	Assistant Prof.	Physics		S. L.B.S.D. College, Gonda	9451035854
185	Dr. Monoj Kumar Mishra ✓	Assistant Prof.	Chemistry		S. L.B.S.D. College, Gonda	9670645000
186	Ajay Kumar Yadav ✓	Research Scholar		chemistry	S. L.B.S.D. College, Gonda	
187	Avinash Kumar Mishra ✓	Research Scholar		Physics	Dr. R.M.L.A.U.Ayodhya	9721339500
188	Dr. Smriti Shishir ✓	Assistant Prof.	B.B.A		S. L.B.S.D. College, Gonda	9792153026
189	Nitin Kumar Sharma ✓	Research Scholar		Commerce	Dr. R.M.L.A.U.Ayodhya	
190	Priya Pandey ✓	Research Scholar		Commerce	Dr. R.M.L.A.U.Ayodhya	
191	Adarsh Kumar Shukla ✓	Research Scholar		Commerce	S. L.B.S.D. College, Gonda	
192	Dr. Neetu Saxena ✓	Assistant Prof.	Home. Sci.		S. L.B.S.D. College, Gonda	
193	Shivangi Singh ✓	Research Scholar		Physics	K.N.J.P.S.S. Sultanpur	8178784032
194	Vikas Tiwari ✓					9795502288
195	Dr. Priyanka Srivastava ✓	Assistant Prof.	Botany		S. L.B.S.D. College, Gonda	9473882290
196	Dr. Sandeep Kumar Nigam ✓	Assistant Prof.	Physics		G.D.College, Amethi	9454157728
197	Sachin Sriavstava ✓	Research Scholar		Physics	K.N.J.P.S.S. Sultanpur	8858708777



S.No.	Name	Designation	Department	Class/Subject.	College Name	Mob.No.
198	Dr. Sandeep Kumar Sharma ✓	Assistant Prof.	Physics		K.N.J.P.S.S. Sultanpur	9336890662
199	Anmol Garg ✓	Research Scholar		Physics	G.S.P.G.College. Sultanpur	9554656459
200	Praveen Singh ✓	Research Scholar		Physics	K.N.J.P.S.S. Sultanpur	9616677056
201	Vandana Saraswat ✓	Professor	Med. History		S. L.B.S.D. College, Gonda	
202	Sanjay Kumar ✓	Professor			S. L.B.S.D. College, Gonda	9452549828
203	Shiv Dayal ✓	Assistant Prof.	Botany		R.S.S. college, Balpur, Gonda	8400330050
204	Smita Singh ✓	Assistant Prof.	Agriculture		S. L.B.S.D. College, Gonda	9450629069
205	Abhay Dwivedi ✓	Assistant Prof.	B.C.A		S. L.B.S.D. College, Gonda	8299195359
206	Dr. Shailja Singh ✓	Assistant Prof.	B.B.A		S. L.B.S.D. College, Gonda	9838610844
207	Mahi Srivastava ✓	Student		B.B.A	S. L.B.S.D. College, Gonda	8081773564
208	<del>Shrinkhala Patwa</del>	<del>Student</del>		<del>M.Sc. (Phy.)</del>	<del>Kishan P.G. College. Bahriach</del>	<del>7965986020</del>
209	Anuradha Gupta ✓	Assistant Prof.	Physics		S. L.B.S.D. College, Gonda	8887936231
210	Maya Devi ✓	Student		M.Sc. (Phy.)	Kishan P.G. College. Bahriach	9569367759
211	Namrata Shukla ✓	Assistant Prof.		Physics	S. L.B.S.D. College, Gonda	9565148004
212	Anjali Singh ✓	Student		M.Sc. II(Phy.)	Kishan P.G. College. Bahriach	8957722639
213	Diksha Yadav ✓	Student		M.Sc. (Phy.)	Kishan P.G. College. Bahriach	7860301323
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215	Alok Pratap Singh ✓	Assistant Prof.	Chemistry		Kishan P.G. College. Bahriach	9454537135
216	Pallvi ✓	Research Scholar		Physics	Dr. B.R.A. University, Agra	
217	Ajay Kumar Mishra ✓	Research Scholar		Physics	Dr. R.M.L.A.U.Ayodhya	8005467130
218	<del>Benazeer Fatima Usufzai</del>	<del>Student</del>		<del>M.Sc. II(Phy.)</del>	<del>Kishan P.G. College. Bahriach</del>	<del>8922847737</del>
219	Abhishek Shukla ✓	Student		Physics	S. L.B.S.D. College, Gonda	6393262684

S.No.	Name	Designation	Department	Class/Subject.	College Name	Mob.No.
220	Nidhi Singh ✓	Research Scholar		Physics	S. L.B.S.D. College, Gonda	9336908021
221	Nikhita Singh ✓	Res Student		Physics	S. L.B.S.D. College, Gonda	7007937188
222	Ankita Pathak ✓	Research Scholar		Physics	S. L.B.S.D. College, Gonda	9565998984
223	Susheel Kumar Singh ✓	Research Scholar		Physics	S. L.B.S.D. College, Gonda	998718539
224	Ankita Sharma ✓	Research Scholar		Physics	S. L.B.S.D. College, Gonda	8318717116
225	Dr. Lalit Kumar Dwivedi ✓	Research Scholar		Physics	S. L.B.S.D. College, Gonda	
226	Vipin Sharma ✓	Research Scholar		Physics	K.N.J.P.S.S. Sultanpur	9598980183
227	Deepak Singh ✓	Student		Physics	S. L.B.S.D. College, Gonda	6386165831
TOTAL						



  
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 GONDA (UP)



2021

SHRI LAL BAHADUR SHASTRI  
DEGREE COLLEGE GONDA

DEPARTMENT OF CHEMISTRY



A One Day Seminar  
Under Intellectual Property Rights  
Organized

Department of Chemistry

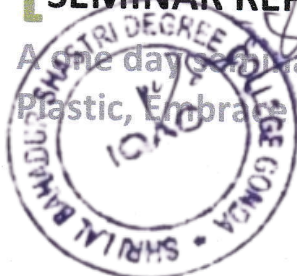
On

Refuse Plastic, Embrace Sustainability

(January 18, 2021)

[ SEMINAR REPORT ]

A one day seminar under intellectual property rights on  
Refuse Plastic, Embrace Sustainability



  
PRINCIPAL

SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA





SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA  
श्री लाल बहादुर शास्त्री डिग्री कॉलेज, गोण्डा  
AN AFFILIATED COLLEGE OF DR RAMMANOHAR LOHIA AVADH UNIVERSITY, AYODHYA, (U.P)

## Department of Chemistry

One day seminar under  
intellectual property rights  
(18 January 2021)

On  
Refuse Plastic, Embrace Sustainability

**ORGANIZED BY**

DEPARTMENT OF CHEMISTRY, SLBSDC, GONDA

**Inaugural Lecture**

**By**







**Dr. R. K. Pandey**  
**MLK PG College Balarampur**  
**(10.00 am to 11.00 am)**



## High Tea (11.00 am to 11.30 am)

### Keynote Speakers

<b>Lecture 1</b> (11.30 am to 12.45 pm)	<b>Lecture 2</b> (12.45 pm to 1.30 pm)	<b>Lunch Break</b> (1.30 pm To 02.00 pm)	<b>Lecture 3</b> (2.00 pm to 02.45 pm)	<b>Lecture 4</b> (2.45 pm to 03.30pm)
				
<b>Dr. Vikas Singh</b> HOD Chemistry NPGC Lucknow	<b>Dr. S. K. Gautam</b> Dept. of Chemistry MGPG College Gorakhpur		<b>Dr. R. R. Pandey</b> Dept. of Chemistry MLK PG College Balrampur	<b>Dr. Basant Kumar</b> Dept. of Chemistry MLK PG College Balrampur

#### Venue:

Smt. Lalita Shastri Sabhagar, Shri Lal Bahadur Shastri Degree College, Gonda

<b>Chief Patron</b> Varsha Singh Vice-President	<b>Patron</b> Shri Umesh Shah Secretary
<b>President</b> Dr. Vandana Saraswat Principal	<b>Convener</b> Dr. S. C. Mishra Head, Department of Chemistry
<b>Organizing Secretary</b> Dr. Pushyamitra Mishra Assistant Professor, Department of Chemistry	

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Dr. Manisha Pal, SLBSDC, Gonda  
Dr. Harish Kumar Shukla, SLBSDC, Gonda

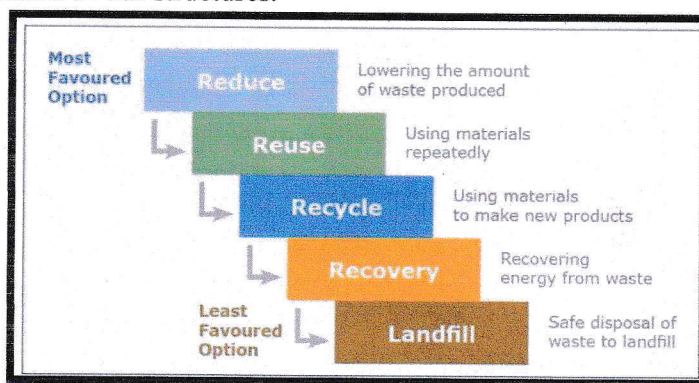


  
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A One Day Seminar  
Under Intellectual Property Rights  
Organized  
Department of Chemistry  
On  
**Refuse Plastic, Embrace Sustainability**  
(January 18, 2021)

Plastic products have become an integral part of our daily life as a result of which the polymer is produced at a massive scale worldwide. On an average, production of plastic globally crosses 150 Million tonnes per year. Its broad range of application is in packaging films, wrapping materials, shopping and garbage bags, fluid containers, clothing, toys, household and industrial products, and building materials.

Plastics are not inherently bad, and they have many redeeming ecological features. Many of the techniques we utilize in our designs involve targeted use of plastic products. Their durability and low maintenance reduce material replacement, their light weight reduces shipping energy, their formulation into glue products allows for the creation of engineered lumber and sheet products from recycled wood, and their formulation into superior insulation and sealant products improves the energy performance of our structures.



India brought into effect the Plastic Waste Management Amendment Rules (2021) that banned 19 categories of 'single-use plastics'. These are defined as disposable goods that are made with plastic but are generally use-and-throw after a single use and include plastic cups, spoons, earbuds, decorative thermocol, wrapping or packaging film used to cover sweet boxes and cigarette packets, and plastic cutlery. It, however, doesn't include plastic bottles – even those less than 200ml— and multi-layered packaging boxes (like in milk cartons). Moreover, even the single-use plastic items that are banned are not uniformly enforced nationally with several outlets continuing to retail these goods.

The objectives of this seminar were to study the current practices related to the various management initiatives taken in India for human wellbeing by reducing plastics use. The other purpose is to provide some suggestions and recommendations to improve the RRRR plastic



management practices in Indian. This report is based on secondary research as per the suggestions given by speakers.

#### **Outcomes and recommendation**

1. Target the most problematic single-use plastics by conducting a baseline assessment to identify the most problematic single-use plastics, as well as the current causes, extent and impacts of their mismanagement.
2. Consider the best actions to tackle the problem (e.g. through regulatory, economic, awareness, voluntary actions), given the country's socio-economic standing and considering their appropriateness in addressing the specific problems identified.
3. Assess the potential social, economic and environmental impacts (positive and negative) of the preferred short-listed instruments/actions, by considering how will the poor be affected, or what impact will the preferred course of action have on different sectors and industries.
4. Identify and engage key stakeholder groups – retailers, consumers, industry representatives, local government, manufacturers, civil society, environmental groups, and tourism associations – to ensure broad buy-in. Evidence-based studies are also necessary to defeat opposition from the plastics industry.
5. Raise public awareness about the harm caused by single-used plastics, by clearly explaining the decision and any punitive measures that will follow.
6. Promote alternatives. Before the ban or levy comes into force, the availability of alternatives need to be assessed, hence the government may:
  - Ensure that the preconditions for their uptake in the market are in place.
  - Provide economic incentives to encourage the uptake of eco-friendly and fit-for-purpose alternatives that do not cause more harm.
  - Support can include tax rebates, research and development funds, technology incubation, public-private partnerships, and support to projects that recycle single-use items and turn waste into a resource that can be used again.
  - Reduce or abolish taxes on the import of materials used to make alternatives.
7. Provide incentives to industry by introducing tax rebates or other conditions to support its transition. Governments will face resistance from the plastics industry, including importers and distributors of plastic packaging. Give them time to adapt.
8. Use revenues collected from taxes or levies on single-use plastics to maximize the public good, thereby supporting environmental projects or boosting local recycling with the funds and creating jobs in the plastic recycling sector with seed funding.
9. Enforce the measure chosen effectively, by making sure that there is clear allocation of roles and responsibilities.
10. Monitor and adjust the chosen measure if necessary and update the public on progress.



*Baoul*  
Principal  
Shri Lal Bahadur Shastri Degree College  
Gonda

Sr. No.

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5	NEERAJ SINGH	M.Sc-Chemistry Year-2
6	AKESH MAURYA	M.Sc-Chemistry Year-2
7	NAVNEET MAURYA	M.Sc-Chemistry Year-2
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93	vimal kumar tiwari	M.Sc-Chemistry Year-1



94	ritik soni	M.Sc-Chemistry Year-1
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146	jyoti dwivedi	B.Sc Bio Year-3
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148	NIDHI PANDEY	B.Sc Bio Year-3
149	seema vishvakarma	B.Sc Bio Year-3
150	aparna yadav	B.Sc Bio Year-3
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152	Akash singh	B.Sc Bio Year-3
153	KAJAL TIWARI	B.Sc Bio Year-3
154	ANSHIKA SINGH	B.Sc Bio Year-3
155	KM PRACHI PANDEY	B.Sc Bio Year-3
156	RAMESH KUMAR RAO	B.Sc Bio Year-3
157	jata shankar tiwari	B.Sc Bio Year-3
158	sujad husain	B.Sc Bio Year-3
159	shiv poojan saini	B.Sc Bio Year-3
160	SHIVNATH	B.Sc Bio Year-3
161	SHILPA SINGH	B.Sc Bio Year-3
162	nitish mishra	B.Sc Bio Year-3
163	sadhna	B.Sc Bio Year-3
164	KM PRITI PRAJAPATI	B.Sc Bio Year-3
165	FALAK FATIMA	B.Sc Bio Year-3
166	km priya ojha	B.Sc Bio Year-3
167	KANHAIYA LAL	B.Sc Bio Year-3
168	SANTOSH KUMAR	B.Sc Bio Year-3
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175	KM FARJANA BANO	B.Sc Bio Year-3
176	KM DEEP KUMARI SHUKLA	B.Sc Bio Year-3
177	reena mishra	B.Sc Bio Year-3
178	ASHUTOSH SHUKLA	B.Sc Bio Year-3
179	muskan vaish	B.Sc Bio Year-3
180	SHIVKUMAR	B.Sc Bio Year-3
181	VAISHNAVI OJHA	B.Sc Bio Year-3
182	VIDUSHI SRIVASTAVA	B.Sc Bio Year-3
183	saumya singh	B.Sc Bio Year-3
184	ANYA CHATURVEDI	B.Sc Bio Year-3
185	akash gupta	B.Sc Bio Year-3
186	riya gupta	B.Sc Bio Year-3
187	MALA DEVI	B.Sc Bio Year-3

188	ARCHANA CHAUHAN	B.Sc Bio Year-3
189	SHIV POOJAN	B.Sc Bio Year-3
190	SURAJ KUMAR	B.Sc Bio Year-3
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203	rekha verma	B.Sc Bio Year-3
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205	karishma devi	B.Sc Bio Year-3
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208	karan kumar	B.Sc Bio Year-3
209	shalini	B.Sc Bio Year-3
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212	SUMAN MISHRA	B.Sc Bio Year-3
213	Kaushlendra shukla	B.Sc Bio Year-3
214	vishnu saini	B.Sc Bio Year-3
215	nupur tiwari	B.Sc Bio Year-3
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217	km viajay laxmi pandey	B.Sc Bio Year-3
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237	harshita	B.Sc Bio Year-3
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241	POOJA DEVI	B.Sc Bio Year-3
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244	ARTI DEVI	B.Sc Bio Year-3
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246	RADHA	B.Sc Bio Year-3
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254	REKHA	B.Sc Bio Year-3
255	adarsh shukla	B.Sc Bio Year-3
256	ANJANLI	B.Sc Bio Year-3
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258	RAKESH KUMAR SHUKLA	B.Sc Bio Year-3
259	KM SALONI JAISWAL	B.Sc Bio Year-3
260	NEERAJ KUMAR MISHRA	B.Sc Bio Year-3



  
**PRINCIPAL**  
 SHRI LAL BHADUR SHASTRI DEGREE COLLEGE  
 GONDA (UP)



2022

SHRI LAL BAHADUR SHASTRI  
DEGREE COLLEGE GONDA

DEPARTMENT OF CHEMISTRY



A One Day Seminar  
Under Intellectual Property Rights  
Organized  
Department of Chemistry and IQAC  
On  
**Chemistry of Food**  
(February 13, 2022)



*SM*  
PRINCIPAL  
SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

[ SEMINAR REPORT ]

A one day seminar under intellectual property rights on Chemistry of Food



SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA

श्री लाल बहादुर शास्त्री डिग्री कॉलेज, गोण्डा

AN AFFILIATED COLLEGE OF DR RAMMANOHAR LOHIA AVADH UNIVERSITY, AYODHYA, (U.P)

**Department of Chemistry**

**One day seminar under intellectual  
property rights  
(13 Feb 2022)**

**On  
Chemistry of Food**

**ORGANIZED BY**

**DEPARTMENT OF CHEMISTRY AND IQAC SLBSDC, GONDA**

**Inaugural Lecture**

**By**



**Dr. P. Mishra**

**Head, Department of Chemistry  
SLBSDC GONDA**

**(10.00 am to 11.00 am)**

**High Tea- (11.00 am to 11.30 am)**

## Keynote Speakers

**Lecture 1: The Biochemistry of Food**  
(11.30 am to 12.45 pm)

**Lecture 2: Food Ethics**  
(12.45 pm to 01.30 pm)

**Lecture 3: Food Adulterations**  
(02.00 pm to 02.45 pm)

**Lecture 4: Various Metabolic reactions**  
(02.45 pm to 03.30 pm)



**Dr. Jitendra Kumar**

Dept. of Chemistry  
MLK PG College  
Balrampur



**Dr. Ravi Raj**

Dept. of Chemistry  
GDC  
Mushafirkhana

**Lunch Break**  
(1.30 pm  
To  
02.00 pm)



**Dr. R. R. Pandey**

Dept. of Chemistry  
MLK PG College  
Balrampur



**Dr. Avinash Tiwari**

K.S. Saket P.G.  
College  
Dept. of Chemistry

### Venue:

Smt. Lalita Shastri Sabhagar, Shri Lal Bahadur Shastri Degree College, Gonda

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Under Intellectual Property Rights  
Organized  
**Department of Chemistry**  
And  
**IQAC- SLBSDC**  
On  
**Chemistry of Food**  
(Feb 13, 2022)

At a small liberal arts institution, chemists are continually seeking methods to excite students about chemistry. Students need to understand that chemistry is an essential aspect in their everyday life. What could be more relevant than food consumption and production? Moreover, why do certain food taste good while others are repugnant? The Chemistry of Food seminar theme is designed to engage students in the basic concepts of chemistry while exploring a variety of topics related to food. The seminar also fosters educational skills such as logical thinking and effective communication through interactive sessions. The one day seminar was conducted in three sessions in which 200 students teachers and staff participated from various facilities.

The objectives of this seminar were to study the current practices related to the various food habits among us and their pros and cons. The other purpose is to provide some suggestions and recommendations to improve the food habits among us. It offers deep knowledge about the various chemical processes during making our meals and inside our body during digestion. With this other objective of seminar is

1. To provide a small-group learning situation that will engage students and faculty in an intensive intellectual experience
2. To introduce students in an innovative fashion to a discipline's basic concepts, modes of thought, or procedures
3. To foster basic educational skills--how to read critically, think logically, and communicate effectively (1).

By the end of the seminar, students will describe how chemistry plays a role in food and cooking and intelligently communicate their knowledge with their peers about chemistry, food, and cooking. Moreover, students will have developed their skills with the scientific method. A final goal of the seminar is to consider the ethical issues surrounding food production. This work is original and could be further extended.

**The Biochemistry of Food:** To start the seminar, the students read a handout discussing basic physical and chemical principles. Next, the students were introduced to the major macromolecules in food and their roles in our health.

**Food Ethics:** In developing the concept of seminar on chemistry of food, the idea of how food production affects the environment and human health became an important one to address in the



course. At a small liberal college, we are often seeking to tackle issues in a wider social context. It was necessary to expose the students to both sides of the issue. Therefore, several cases studies where a variety of chemicals were found in food were explored. Students had to decide whether or not they would continue to eat the food with the knowledge toxic chemical were either in the food or produced as a byproduct.

**Food adulterations:** The increasing number of food producers and the outstanding amount of import foodstuffs enables the producers to mislead and cheat consumers. To differentiate those who take advantage of legal rules from the ones who commit food adulteration is very difficult. The consciousness of consumers would be crucial. Ignorance and unfair market behavior may endanger consumer health and misleading can lead to poisoning. So we need simple screening tests for their detection. In the past few decades, adulteration of food has become one of the serious problems.

#### **Metabolic Reactions:**


Metabolism performs four essential functions for cells.

1. It provides energy by generating ATP to conduct cellular functions.
2. It converts nutrients, such as fat, protein, and sugar, into simpler structures, such as fatty acids, amino acids, and glucose, respectively (i.e., catabolism). This process can generate energy.
3. It converts simpler structures into macromolecules, such as nucleotides, lipids, and proteins (i.e., anabolism). This process requires energy.
4. It participates in cellular functions beyond energy, anabolism, and catabolism, such as cellular signaling and gene transcription. For example, metabolites serve as substrates for posttranslational modification of proteins to elicit changes in protein function or regulate epigenetic to invoke changes in gene expression.

#### **Conclusion and outcomes**

Students were introduced to numerous general chemistry and biochemistry topics. More importantly, students gained experience related to experiments of food adulterations and communicating their knowledge to their neighbors. Perhaps, most importantly, students' awareness of how food is produced on the farm is vital for how it tastes on the table. Overall, students and the speakers had a positive experience with the seminar, and both would repeat the experience and knowledge shared.



  
Principal  
Sri Lal Bahadur Shastri Degree College  
Gonda

Sr. No.	List of Participant	
1	NIDHI DUBEY	M.Sc-Chemistry Year-1
2	archana	M.Sc-Chemistry Year-1
3	Roli Mishra	M.Sc-Chemistry Year-1
4	RAJNISH TIWARI	M.Sc-Chemistry Year-1
5	vaishnavi shukla	M.Sc-Physics Year-1
6	avaish khan	M.Sc-Zoology Year-1
7	VINDHYA PRASAD SAHU	M.Sc-Zoology Year-1
8	PRIYANKA JAYSAVAL	M.Sc-Zoology Year-1
9	Seema Verma	M.Sc-Zoology Year-1
10	SUDHA	M.Sc-Zoology Year-1
11	MOHIT GUPTA	M.Sc-Chemistry Year-1
12	arti jaiswal	M.Sc-Chemistry Year-1
13	Kajal shukla	M.Sc-Chemistry Year-1
14	SHUBHAM VAISHYA	M.Sc-Physics Year-1
15	uzma ansari	M.Sc-Physics Year-1
16	SHALINI SAHU	M.Sc-Zoology Year-1
17	richa shrivastava	M.Sc-Zoology Year-1
18	tanzeela fatima	M.Sc-Zoology Year-1
19	garima bhaskar	M.Sc-Zoology Year-1
20	MARIYAM SALMAN	M.Sc-Zoology Year-1
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22	PALLAVI SINGH	M.Sc-Chemistry Year-1
23	DIVYANSH PRATAP SINGH	M.Sc-Chemistry Year-1
24	km sukanya verma	M.Sc-Chemistry Year-1
25	shivam mishra	M.Sc-Chemistry Year-1
26	neetu pandey	M.Sc-Chemistry Year-1
27	ALOK KUMAR	M.Sc-Physics Year-1
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31	SANDIP KUMAR MISHRA	M.Sc-Physics Year-1
32	AMBALIKA SINGH	M.Sc-Physics Year-1
33	MUSKAN GUPTA	M.Sc-Physics Year-1
34	AMIT KUMAR MISHRA	M.Sc-Physics Year-1
35	SUSHILA MAURYA	M.Sc-Zoology Year-1
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39	ashutosh tiwari	M.Sc-Chemistry Year-1
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51	mata prasad yadav	M.Sc-Physics Year-1
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87	eram fatima	M.Sc-Zoology Year-1
88	ashna shaukat	M.Sc-Zoology Year-1
89	madiha abbasi	M.Sc-Zoology Year-1
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140	vimal kumar tiwari	M.Sc-Chemistry Year-2

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178	POOJA PANDEY	M.Sc-Chemistry Year-2
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180	SANJEET KUMAR	M.Sc-Physics Year-2
181	MOHAMMAD ASAD	M.Sc-Physics Year-2
182	MO AHMAD	M.Sc-Physics Year-2
183	ritik soni	M.Sc-Chemistry Year-2
184	RAKESH KUMAR VERMA	M.Sc-Chemistry Year-2
185	km laxmi chaurasiya	M.Sc-Chemistry Year-2
186	SHIVANI SRIVASTAVA	M.Sc-Chemistry Year-2
187	RUPALI	M.Sc-Chemistry Year-2



188	Awneesh Kumar Mishra	M.Sc-Chemistry Year-2
189	SHIWANI GUPTA	M.Sc-Physics Year-2
190	KM SAVITRI TRIPATHI	M.Sc-Chemistry Year-2
191	SATISH KUMAR	M.Sc-Physics Year-2
192	POONAM DEVI	M.Sc-Chemistry Year-2
193	RUBI YADAV	M.Sc-Chemistry Year-2
194	MOHD IBRAHEEM WARSI	M.Sc-Chemistry Year-2
195	RAJNI PANDEY	M.Sc-Physics Year-2
196	ABHISHEK MISHRA	B.Sc Bio Year-3
197	SANJEEV DUBEY	B.Sc Bio Year-3
198	SAKSHAM MISHRA	B.Sc Bio Year-3
199	VERSHA GOND	B.Sc Bio Year-3
200	SONAM CHAUDHARY	B.Sc Bio Year-3
201	KM ANUSHKA CHAUDHARI	B.Sc Bio Year-3
202	FATMA KHATUN	B.Sc Bio Year-3
203	MOHD SHAHRUKH SHAIKH MANSOORI	B.Sc Bio Year-3
204	TALIM	B.Sc Bio Year-3
205	AJAY KUMAR YADAV	B.Sc Bio Year-3
206	SONAM SAHU	B.Sc Bio Year-3
207	KHUSHBOO KASAUNDHAN	B.Sc Bio Year-3
208	SHWETA MISHRA	B.Sc Bio Year-3
209	UMMESARA	B.Sc Bio Year-3
210	NEHA	B.Sc Bio Year-3
211	LUCKY TIWARI	B.Sc Bio Year-3
212	PRAGYA DEVI	B.Sc Bio Year-3
213	RAGINI VERMA	B.Sc Bio Year-3
214	RAVI SHANKAR YADAV	B.Sc Bio Year-3
215	SAKSHI JAISWAL	B.Sc Bio Year-3
216	SUGANDHA RAJ SRIVASTAVA	B.Sc Bio Year-3
217	ARTI RANI	B.Sc Bio Year-3
218	KM ANSHIKA DWIVEDI	B.Sc Bio Year-3
219	UTTAM GUPTA	B.Sc Bio Year-3
220	ANURAG MISHRA	B.Sc Bio Year-3
221	MOHD IJHAR	B.Sc Bio Year-3
222	AJAY SAROJ	B.Sc Bio Year-3
223	SHESH NARAYAN PANDEY	B.Sc Bio Year-3
224	DEV PRAKASH MAURYA	B.Sc Bio Year-3
225	ABHISHEK KUMAR RAWAT	B.Sc Bio Year-3
226	DEVID KUMAR	B.Sc Bio Year-3
227	SEEMA	B.Sc Bio Year-3
228	sadhna dubey	B.Sc Bio Year-3
229	komal shukla	B.Sc Bio Year-3
230	SEEMA NISHAD	B.Sc Bio Year-3
231	KHUSHNUMA BANO	B.Sc Bio Year-3
232	SAJRUN NISHA	B.Sc Bio Year-3
233	NIKHAT ANJUM	B.Sc Bio Year-3
234	LALIT KUMAR	B.Sc Bio Year-3

235	HIMANSHU KUMAR PALIYA	B.Sc Bio Year-3
236	vipin kumar pandey	B.Sc Bio Year-3
237	Dev Narayan sharma	B.Sc Bio Year-3
238	SAURABH MISHRA	B.Sc Bio Year-3
239	PREETI PATHAK	B.Sc Bio Year-3
240	RICHA TRIPATHI	B.Sc Bio Year-3
241	MOHD GAUS	B.Sc Bio Year-3
242	ANSHUMAN SINGH	B.Sc Bio Year-3
243	DEEPTI	B.Sc Bio Year-3
244	SHAMBHU LAL	B.Sc Bio Year-3
245	SONU SONI	B.Sc Bio Year-3
246	SHESH RAM JAISWAL	B.Sc Bio Year-3
247	KM NISHA MISHRA	B.Sc Bio Year-3
248	DEEPIKA SHUKLA	B.Sc Bio Year-3
249	Rajnee Mishra	B.Sc Bio Year-3
250	MINAZ	B.Sc Bio Year-3
251	AKANKSHA MISHRA	B.Sc Bio Year-3
252	ANJALI TIWARI	B.Sc Bio Year-3
253	KOMAL	B.Sc Bio Year-3
254	PALAK PATWA	B.Sc Bio Year-3
255	RUBY BARANWAL	B.Sc Bio Year-3
256	MANISHA	B.Sc Bio Year-3
257	AYUSHI MISHRA	B.Sc Bio Year-3
258	AMARDEEP PANDEY	B.Sc Bio Year-3
259	SHILPA PASWAN	B.Sc Bio Year-3
260	MANSHI SINGH	B.Sc Bio Year-3
261	PRIYA MISHRA	B.Sc Bio Year-3
262	ANKIT SINGH	B.Sc Bio Year-3
263	SHANTI	B.Sc Bio Year-3
264	RAJVIR	B.Sc Bio Year-3
265	ARHAM RAFI	B.Sc Bio Year-3
266	SUGAM SINGH	B.Sc Bio Year-3
267	SACHIN KUMAR	B.Sc Bio Year-3
268	REETA VISHWAKARMA	B.Sc Bio Year-3
269	SHIV NATH SAHU	B.Sc Bio Year-3
270	SHRI KANT	B.Sc Bio Year-3
271	SHUBHAM SINGH	B.Sc Bio Year-3
272	KM SONAL CHATURVEDI	B.Sc Bio Year-3
273	SUMAIYA FATIMA	B.Sc Bio Year-3
274	LAXMI VERMA	B.Sc Bio Year-3
275	RAMU SHUKLA	B.Sc Bio Year-3
276	JAI	B.Sc Bio Year-3
277	FAUZIA AHSAN SIDDIQUI	B.Sc Bio Year-3
278	KM KAMRUN NISHA	B.Sc Bio Year-3
279	ROLI TIWARI	B.Sc Bio Year-3
280	neha pandey	B.Sc Bio Year-3
281	VISHNU KUMAR	B.Sc Bio Year-3

282	JAYA PANDEY	B.Sc Bio Year-3
283	KM JAYA	B.Sc Bio Year-3
284	SAVITA PANDEY	B.Sc Bio Year-3
285	VAISHALI TIWARI	B.Sc Bio Year-3
286	SHIVAM	B.Sc Bio Year-3
287	SHIVANI SINGH	B.Sc Bio Year-3
288	SONAM MISHRA	B.Sc Bio Year-3
289	KHUSHBOO SAINI	B.Sc Bio Year-3
290	km anshu tiwari	B.Sc Bio Year-3
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296	KAVITA VERMA	B.Sc Bio Year-3
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298	PUJA PANDEY	B.Sc Bio Year-3
299	KOMAL SHUKLA	B.Sc Bio Year-3
300	KM SAUMYA DEVI	B.Sc Bio Year-3
301	ANURADHA	B.Sc Bio Year-3
302	SONAM SINGH	B.Sc Bio Year-3
303	ARCHNA VERMA	B.Sc Bio Year-3
304	KM PALLAVI TIWARI	B.Sc Bio Year-3
305	ARTI	B.Sc Bio Year-3
306	KM ANITA VERMA	B.Sc Bio Year-3
307	KM SNEHA KANNAUJIA	B.Sc Bio Year-3
308	SHIV PRAKASH	B.Sc Bio Year-3
309	vaishnavi singh	B.Sc Bio Year-3
310	KM RAGINI TIWARI	B.Sc Bio Year-3
311	KM ANSHIKA SINGH	B.Sc Bio Year-3
312	SHUBHAM SHUKLA	B.Sc Bio Year-3
313	PINTU VERMA	B.Sc Bio Year-3
314	MAHAK TIWARI	B.Sc Bio Year-3
315	VIVEK PRAKASH	B.Sc Bio Year-3
316	RAJBABU	B.Sc Bio Year-3
317	KM NISHA	B.Sc Bio Year-3
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319	jang bahadur	B.Sc Bio Year-3
320	SATYA PRAKASH	B.Sc Bio Year-3
321	MONU VERMA	B.Sc Bio Year-3
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324	SHRAVAN KUMAR PRAJAPATI	B.Sc Bio Year-3
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327	ANCHAL VERMA	B.Sc Bio Year-3
328	OM PRAKASH MAURIYA	B.Sc Bio Year-3

329	MAHESH KUMAR YADAV	B.Sc Bio Year-3
330	SHIVAM MAURYA	B.Sc Bio Year-3
331	ARPITA	B.Sc Bio Year-3
332	ALOK SHUKLA	B.Sc Bio Year-3
333	AKASH SAHU	B.Sc Bio Year-3
334	SHIVAM TIWARI	B.Sc Bio Year-3
335	MOHD HAFIZUDDIN	B.Sc Bio Year-3
336	DINESH PRATAP SINGH	B.Sc Bio Year-3
337	AKANSHA	B.Sc Bio Year-3
338	KM SIDDHI SRIVASTAV	B.Sc Bio Year-3
339	VIJAY BAHADUR	B.Sc Bio Year-3
340	SURUCHI MISHRA	B.Sc Bio Year-3
341	JYOTI DEVI	B.Sc Bio Year-3
342	DILEEP KUMAR	B.Sc Bio Year-3
343	ANKIT CHAUDHARY	B.Sc Bio Year-3
344	arjun verma	B.Sc Bio Year-3
345	SALEEM SHAHJADE	B.Sc Bio Year-3
346	AMIT KUMAR VERMA	B.Sc Bio Year-3
347	SHUDHA SINGH	B.Sc Bio Year-3
348	RUCHI YADAV	B.Sc Bio Year-3



  
**PRINCIPAL**  
 SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE  
 GONDA (UP)

2020

SHRI LAL BHADUR SHASTRI  
DEGREE COLLEGE GONDA

DEPARTMENT OF CHEMISTRY



A One Day Seminar  
Under Intellectual Property Rights  
Organized

Department of Chemistry and IOAC

On

<sup>2015</sup>  
PRINCIPAL  
SHRI LAL BHADUR SHASTRI DEGREE COLLEGE  
GONDA (UP)

Creating bonds: The Chemistry of Healthy  
Foods

(February 08, 2020)



[ SEMINAR REPORT ]

A one day seminar under intellectual property rights on Creating bonds:  
Chemistry of healthy Food





SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA  
श्री लाल बहादुर शास्त्री डिग्री कॉलेज, गोण्डा  
AN AFFILIATED COLLEGE OF DR RAMMANOHAR LOHIA AVADH UNIVERSITY, AYODHYA, (U.P)

## Department of Chemistry

One day seminar under intellectual  
property rights  
(08 February 2020)

On

**Creating bonds: The Chemistry of  
Healthy Foods**

**ORGANIZED BY**

**DEPARTMENT OF CHEMISTRY, SLBSDC, GONDA**





## Inaugural Lecture

By



**Dr. Avinash Tiwari**  
**Department of Chemistry**  
**K. S. Saket College Ayodhya**  
**(10.00 am to 11am)**  
**High Tea- (11.00 am to 11.30 am)**

## Keynote Speakers

<b>Lecture 1: The Metabolism and their kinetics</b> (11.30 am to 12.45 pm)	<b>Lecture 2: Vitamins and their specific roles</b> (12.45 pm to 01.30 pm)	<b>Lunch Break</b> (1.30 pm To 02.00 pm)	<b>Lecture 3: Role of Carbohydrates</b> (02.00 pm to 02.45 pm)	<b>Lecture 4: Hydrolysis of Peptides</b> (02.45 pm to 03.30 pm)
 <p><b>Dr. Pushyamitra Mishra</b></p>	 <p><b>Dr. Ravi Raj</b></p>		 <p><b>Dr. R. R. Pandey</b></p>	 <p><b>Dr. Jitendra Kumar</b></p>
Dept. of Chemistry SLBSDC Gonda	Dept. of Chemistry GDC Mushafirkhana		Dept. of Chemistry MLK PG College Balrampur	Dept. of Chemistry MLK PG College Balrampur

### Venue:

Smt. Lalita Shastri Sabhagar, Shri Lal Bahadur Shastri Degree College, Gonda

<p><b>Chief Patron</b>  <b>Satya Dev Singh</b>                  Vice-President</p> <p><b>President</b>  <b>Dr. Vandana Saraswat</b>                  Principal</p>	<p><b>Patron</b>  <b>Shri Umesh Shah</b>                  Secretary</p> <p><b>Convener</b>  <b>Dr. S. C. Mishra</b>                  Head, Department of Chemistry</p>
<p><b>Organizing Secretary</b>  <b>Dr. Pushyamitra Mishra</b>                  Head, Department of Chemistry</p>	

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<p><b>Mr. Jitendra Kumar</b>                  Assistant Professor, Department of Chemistry</p>	<p><b>Mr. Shudhir Tiwari</b>                  Assistant Professor, Department of Chemistry</p>	<p><b>Mr. Arjun Verma</b>                  Lab In-charge, Department of Chemistry</p>

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**A One Day Seminar**  
**Under Intellectual Property Rights**  
**Organized**  
**Department of Chemistry**  
**And**  
**IQAC- SLBSDC**  
**On**  
**Creating bonds: The Chemistry of Healthy Foods**  
**(Feb 13, 2022)**

The objectives of this seminar were to study the current practices related to the various food habits among us and their pros and cons. The other purpose is to provide some suggestions and recommendations to improve the food habits among us. It offers deep knowledge about the various chemical processes during making our meals and inside our body during digestion. With this other objective of seminar is

1. To provide a small-group learning situation that will engage students and faculty in an intensive intellectual experience
2. To introduce students in an innovative fashion to a discipline's basic concepts, modes of thought, or procedures
3. To foster basic educational skills--how to read critically, think logically, and communicate effectively .

By the end of the seminar, students will describe how chemistry plays a role in food and cooking and intelligently communicate their knowledge with their peers about chemistry, food, and cooking. Moreover, students will have developed their skills with the scientific method. A final goal of the seminar is to consider the ethical issues surrounding food production. This work is original and could be further extended.

- To start the seminar, the students read a handout discussing basic physical and chemical principles. Next, the students were introduced to the major macromolecules in food and their roles in our health.
- In developing the concept of seminar on chemistry of food, the idea of how food production affects the environment and human health became an important one to address in the course. At a small liberal college, we are often seeking to tackle issues in a wider social context. It was necessary to expose the students to both sides of the issue. Therefore, several cases studies where a variety of chemicals were found in food were explored. Students had to decide whether or not they would continue to eat the food with the knowledge toxic chemical were either in the food or produced as a byproduct.
- The increasing number of food producers and the outstanding amount of import foodstuffs enables the producers to mislead and cheat consumers. To differentiate those

who take advantage of legal rules from the ones who commit food adulteration is very difficult. The consciousness of consumers would be crucial. Ignorance and unfair market behavior may endanger consumer health and misleading can lead to poisoning. So we need simple screening tests for their detection. In the past few decades, adulteration of food has become one of the serious problems.

- **Metabolic Reactions:**

Metabolism performs four essential functions for cells.

1. It provides energy by generating ATP to conduct cellular functions.
2. It converts nutrients, such as fat, protein, and sugar, into simpler structures, such as fatty acids, amino acids, and glucose, respectively (i.e., catabolism). This process can generate energy.
3. It converts simpler structures into macromolecules, such as nucleotides, lipids, and proteins (i.e., anabolism). This process requires energy.
4. It participates in cellular functions beyond energy, anabolism, and catabolism, such as cellular signaling and gene transcription. For example, metabolites serve as substrates for posttranslational modification of proteins to elicit changes in protein function or regulate epigenetic to invoke changes in gene expression.

- **Conclusion and outcomes**

Students were introduced to numerous general chemistry and biochemistry topics. More importantly, students gained experience related to experiments of food adulterations and communicating their knowledge to their neighbors. Perhaps, most importantly, students' awareness of how food is produced on the farm is vital for how it tastes on the table. Overall, students and the speakers had a positive experience with the seminar, and both would repeat the experience and knowledge shared.



Sr. No.	<b>List of Participant</b>	
1	HENA Khan	M.Sc-Chemistry Year-1
2	SACHIN KUMAR TIWARI	M.Sc-Chemistry Year-1
3	upasana srivastava	M.Sc-Chemistry Year-1
4	SATYENDRA SHUKLA	M.Sc-Chemistry Year-1
5	SAUMYA PANDEY	M.Sc-Chemistry Year-1
6	MANSI SINGH	M.Sc-Chemistry Year-1
7	SHUBHI RASTOGI	M.Sc-Chemistry Year-1
8	VIVEKANAND MISHRA	M.Sc-Chemistry Year-1
9	SACHIN TIWARI	M.Sc-Chemistry Year-1
10	KM MAMTA SAHU	M.Sc-Chemistry Year-1
11	NIDA PARVEEN	M.Sc-Chemistry Year-1
12	UDAY SHANKER SAINI	M.Sc-Chemistry Year-1
13	NAVNEET MAURYA	M.Sc-Chemistry Year-1
14	AKESH MAURYA	M.Sc-Chemistry Year-1
15	ruby mishra	M.Sc-Chemistry Year-1
16	RIDDHI KAUSHAL	M.Sc-Chemistry Year-1
17	ANKUL KUMAR TIWARI	M.Sc-Chemistry Year-1
18	NEERAJ SINGH	M.Sc-Chemistry Year-1
19	KSHAMA PAL	M.Sc-Chemistry Year-1
20	RAMIYA KHATOON	M.Sc-Chemistry Year-1
21	ANKITA PANDEY	M.Sc-Chemistry Year-1
22	sakina	M.Sc-Chemistry Year-1
23	RITIKA CHAUHAN	M.Sc-Chemistry Year-1
24	ekta mishra	M.Sc-Chemistry Year-1
25	ranu singh	M.Sc-Chemistry Year-1
26	Ghan Shyam	M.Sc-Chemistry Year-1
27	sana	M.Sc-Chemistry Year-1
28	LALIT KUMAR PANDEY	M.Sc-Chemistry Year-1
29	yamini singh	M.Sc-Chemistry Year-1
30	SAKSHI RAICHANDANI	M.Sc-Chemistry Year-1
31	ANKITA DUBEY	M.Sc-Chemistry Year-1
32	ashutosh shukla	M.Sc-Chemistry Year-1
33	SHASHANK SHEKHAR SINGH	M.Sc-Chemistry Year-1
34	nidhi srivastava	M.Sc-Chemistry Year-1
35	MANOJ SHUKLA	M.Sc-Chemistry Year-1
36	ROHIT VISHWAKARMA	M.Sc-Chemistry Year-1
37	NOOR FATIMA	M.Sc-Chemistry Year-1
38	ANOOP KASAUDHAN	M.Sc-Chemistry Year-1
39	SUNIL UPADHYAY	M.Sc-Chemistry Year-1
40	nasreen	M.Sc-Chemistry Year-1
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47	akanksha gupta	M.Sc-Chemistry Year-2
48	PRINCEE KASAUNDHAN	M.Sc-Chemistry Year-2
49	PRIYANKA SINGH	M.Sc-Chemistry Year-2
50	ANAM FATIMA	M.Sc-Chemistry Year-2
51	AFROZ AMAN	M.Sc-Chemistry Year-2
52	NAZIYA ISLAM	M.Sc-Chemistry Year-2
53	KM KOMAL PANDEY	M.Sc-Chemistry Year-2
54	SHESH RAM VERMA	M.Sc-Chemistry Year-2
55	QUAMRUN NISA	M.Sc-Chemistry Year-2
56	PAWAN KUMAR SHUKLA	M.Sc-Chemistry Year-2
57	MUKESH KUMAR	M.Sc-Chemistry Year-2
58	KM PRIYA PATHAK	M.Sc-Chemistry Year-2
59	ruby khatoon	M.Sc-Chemistry Year-2
60	RAVI SHANKAR PANDEY	M.Sc-Chemistry Year-2
61	SWETA SHUKLA	M.Sc-Chemistry Year-2
62	DARSHANA SINGH	M.Sc-Chemistry Year-2
63	princi singh	M.Sc-Chemistry Year-2
64	Abhishek kumar	M.Sc-Chemistry Year-2
65	SHALINI	M.Sc-Chemistry Year-2
66	SHIVAM PATHAK	M.Sc-Chemistry Year-2
67	ARCHANA AWASTHI	M.Sc-Chemistry Year-2
68	VIPIN VERMA	M.Sc-Chemistry Year-2
69	NIHARIKA KURIL	M.Sc-Chemistry Year-2
70	MANISHA SINGH	M.Sc-Chemistry Year-2
71	ATUL KUMAR PANDEY	M.Sc-Chemistry Year-2
72	NIDHI SHUKLA	M.Sc-Chemistry Year-2
73	MANISH KUMAR SAHU	M.Sc-Physics Year-1
74	hari shankar mishra	M.Sc-Physics Year-1
75	SHIVAM UPADHAYAYA	M.Sc-Physics Year-1
76	JYOTI JAISWAL	M.Sc-Physics Year-1
77	APOORVA SRIVASTAVA	M.Sc-Physics Year-1
78	himanshu sharma	M.Sc-Physics Year-1
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80	mridula pandey	M.Sc-Physics Year-1
81	KM KHUSHBOO GUPTA	M.Sc-Physics Year-1
82	REETA	M.Sc-Physics Year-1
83	PRIYA MISHRA	M.Sc-Physics Year-1
84	MOHD ARMAAN	M.Sc-Physics Year-1
85	SHAHID GULZAR	M.Sc-Physics Year-1
86	KULMEET KUMAR	M.Sc-Physics Year-1
87	rohit yadav	M.Sc-Physics Year-1
88	SUNNY KUMAR KANAUIYA	M.Sc-Physics Year-1
89	SURAJ KUMAR PANDEY	M.Sc-Physics Year-1
90	SIRAJ AHMAD	M.Sc-Physics Year-1

91	SATRUHAN KUMAR RANJAN	M.Sc-Physics Year-1
92	KM KIRTI RAI	M.Sc-Physics Year-1
93	NIDHI SRIVASTAVA	M.Sc-Physics Year-1
94	NISHANT KUMAR TIWARI	M.Sc-Physics Year-1
95	ASTHA SINGH	M.Sc-Physics Year-1
96	divvyanshi tiwari	M.Sc-Physics Year-1
97	tamanna bano	M.Sc-Physics Year-1
98	PRACHI SRIVASTAVA	M.Sc-Physics Year-1
99	NEERAJ KUMAR	M.Sc-Physics Year-1
100	RICHA SRIVASTAVA	M.Sc-Physics Year-1
101	manu singh	M.Sc-Physics Year-1
102	km akanksha srivastava	M.Sc-Physics Year-1
103	Rinkoo	M.Sc-Physics Year-1
104	MONIKA SHARMA	M.Sc-Physics Year-1
105	SAKCHHI SINGH	M.Sc-Physics Year-1
106	SHALINI PANDEY	M.Sc-Physics Year-1
107	PRACHI MISHRA	M.Sc-Physics Year-1
108	AKANSHA NELSON	M.Sc-Physics Year-1
109	pratima dwivedi	M.Sc-Physics Year-1
110	HRISHI DEV PANDEY	M.Sc-Physics Year-1
111	BHUPENDRA KUMAR SHUKLA	M.Sc-Physics Year-1
112	PRIYANSHI SRIVASTAVA	M.Sc-Physics Year-2
113	roli mishra	M.Sc-Physics Year-2
114	smriti sharma	M.Sc-Physics Year-2
115	DINESH KUMAR VERMA	M.Sc-Physics Year-2
116	HARSHITA SRIVASTAVA	M.Sc-Physics Year-2
117	SWATI DWIVEDI	M.Sc-Physics Year-2
118	SUDHA MISHRA	M.Sc-Physics Year-2
119	SHREYA TIWARI	M.Sc-Physics Year-2
120	KM VAISHNAVI MISHRA	M.Sc-Physics Year-2
121	km nidhi	M.Sc-Physics Year-2
122	rachna	M.Sc-Physics Year-2
123	SUBHI SHUKLA	M.Sc-Physics Year-2
124	APARNA SRIVASTAVA	M.Sc-Physics Year-2
125	SIMRAN THAKURAL	M.Sc-Physics Year-2
126	SWATI SHUKLA	M.Sc-Physics Year-2
127	ANURADHA GUPTA	M.Sc-Physics Year-2
128	piyush kumar dubey	M.Sc-Physics Year-2
129	ANJALI TIWARI	M.Sc-Physics Year-2
130	geetika pathak	M.Sc-Physics Year-2
131	JITENDAR PRASAD	M.Sc-Physics Year-2
132	VIKAS TIWARI	M.Sc-Physics Year-2
133	MINAKSHI VERMA	M.Sc-Physics Year-2
134	ankit kumar srivastava	M.Sc-Physics Year-2
135	AMBIKA RAJ SINGH	M.Sc-Physics Year-2
136	BASANT KUMAR	M.Sc-Physics Year-2
137	deepak maurya	M.Sc-Physics Year-2

138	SHWETA PANDEY	M.Sc-Physics Year-2
139	jagdeesh prasad	M.Sc-Physics Year-2
140	ANAND KUMAR TIWARI	M.Sc-Physics Year-2
141	SANJAY VERMA	M.Sc-Physics Year-2
142	ARPITA NISHAD	M.Sc-Physics Year-2
143	AMIT KUMAR TIWARI	M.Sc-Physics Year-2
144	AKASH TIWARI	M.Sc-Physics Year-2
145	anchal singh	B.Sc Bio Year-3
146	kajal singh	B.Sc Bio Year-3
147	AFTAB AHMAD	B.Sc Bio Year-3
148	KM JAINAB	B.Sc Bio Year-3
149	KM TABASSUM KHAN	B.Sc Bio Year-3
150	PUJA MISHRA	B.Sc Bio Year-3
151	supriya shukla	B.Sc Bio Year-3
152	ruqaiya fatima	B.Sc Bio Year-3
153	SAMREEN	B.Sc Bio Year-3
154	SURESH CHANDRA MAURYA	B.Sc Bio Year-3
155	UMA SHANKAR VERMA	B.Sc Bio Year-3
156	VANDANA DEVI	B.Sc Bio Year-3
157	sarfraz khan	B.Sc Bio Year-3
158	mohammad shameem	B.Sc Bio Year-3
159	SIDDHANT GUPTA	B.Sc Bio Year-3
160	mansi pandey	B.Sc Bio Year-3
161	ROLI CHAUBE	B.Sc Bio Year-3
162	LAXMI KASHYAP	B.Sc Bio Year-3
163	anurag srivastava	B.Sc Bio Year-3
164	TULSI RAM	B.Sc Bio Year-3
165	DEEPAK KUMAR	B.Sc Bio Year-3
166	umang singh	B.Sc Bio Year-3
167	ANSHU KANOJJIYA	B.Sc Bio Year-3
168	KM SAVITRI TRIPATHI	B.Sc Bio Year-3
169	mohd sayeed	B.Sc Bio Year-3
170	KHUSBHU PANDEY	B.Sc Bio Year-3
171	hemant kumar	B.Sc Bio Year-3
172	Ravindra kumar	B.Sc Bio Year-3
173	Taha khurshed khan	B.Sc Bio Year-3
174	INSHA	B.Sc Bio Year-3
175	aSHUTOSH TIWARI	B.Sc Bio Year-3
176	DHANANJAY DUBEY	B.Sc Bio Year-3
177	MOHAMMAD ANEES	B.Sc Bio Year-3
178	SHUBHI SHUKLA	B.Sc Bio Year-3
179	MANDAVI OJHA	B.Sc Bio Year-3
180	DISHA SHUKLA	B.Sc Bio Year-3
181	noopur sharma	B.Sc Bio Year-3
182	shameem ahamad	B.Sc Bio Year-3
183	km moni	B.Sc Bio Year-3
184	ragini sharma	B.Sc Bio Year-3

185	ANIL KUMAR	B.Sc Bio Year-3
186	RITIK RASTOGI	B.Sc Bio Year-3
187	SURENDRA BHASKER	B.Sc Bio Year-3
188	geeta yadav	B.Sc Bio Year-3
189	PRERANA VERMA	B.Sc Bio Year-3
190	atul tiwari	B.Sc Bio Year-3
191	DHRAMESH VISHVAKARMA	B.Sc Bio Year-3
192	SANDEEP KUMAR	B.Sc Bio Year-3
193	HARENDRA	B.Sc Bio Year-3
194	ankur singh	B.Sc Bio Year-3
195	sadia khan	B.Sc Bio Year-3
196	kaynat fatima	B.Sc Bio Year-3
197	SHIVANI SINGH	B.Sc Bio Year-3
198	sudha kasoudhan	B.Sc Bio Year-3
199	kajol verma	B.Sc Bio Year-3
200	SHRESHTHA MISHRA	B.Sc Bio Year-3
201	km akanksha verma	B.Sc Bio Year-3
202	krishn kant maurya	B.Sc Bio Year-3
203	AYSHA	B.Sc Bio Year-3
204	KM PRAPTI	B.Sc Bio Year-3
205	MAHIMA PANDEY	B.Sc Bio Year-3
206	KM PRIYAM SHUKLA	B.Sc Bio Year-3
207	reeta devi	B.Sc Bio Year-3
208	tanzeela fatima	B.Sc Bio Year-3
209	km afreen bano	B.Sc Bio Year-3
210	shallu tiwari	B.Sc Bio Year-3
211	sakshi yadav	B.Sc Bio Year-3
212	AYESHA BANO	B.Sc Bio Year-3
213	PUNITA VERMA	B.Sc Bio Year-3
214	PRIYANKA SHUKLA	B.Sc Bio Year-3
215	KALI PRASAD SHARMA	B.Sc Bio Year-3
216	AJAY KUMAR PATHAK	B.Sc Bio Year-3
217	KM KHUSBU PANDEY	B.Sc Bio Year-3
218	KM INDIA RAJPUT	B.Sc Bio Year-3
219	km kirti singh	B.Sc Bio Year-3
220	PRIYANKA GUPTA	B.Sc Bio Year-3



  
**PRINCIPAL**  
 SHRI LAL BHADUR SHASTRI DEGREE COLLEGE  
 GONDA (UP)



**Exploring The Universe**  
**A one day workshop jointly organized by**  
**IQAC & Department of Mathematics, Shri L B S Degree College, Gonda**  
**& ICARD, DDU Gorakhpur**  
**22 November, 2019**

**One-Day Workshop Report: "Exploring The Universe"**

**Held on 22 November 2019 at Shri L.B.S. Degree College, Gonda**

On November 22, 2019, Shri L.B.S. Degree College in Gonda hosted an enlightening one-day workshop titled "Exploring The Universe". The event brought together M.Sc. Students and bright students of B.Sc. from Shri L.B.S. Degree College, Gonda, Raghukul Vidhyapeeth, Gonda, K.D.C. Bahraich, and M.L.K.P.G. College Balrampur, providing them with a unique opportunity to delve into the complexities and wonders of the cosmos.

**Exploring The Universe**

A one day workshop jointly organized by  
Department of Mathematics,  
Shri Lal Bahadur Shastri Degree College, Gonda and  
ICARD, DDU Gorakhpur University  
Date: 22 November 2019

*Astronomy and Astrophysics (A&A) is an attractive area for students from curiosity point of view but very few choose to take it up as a career option. With the recent involvement of India in several international and large scale projects related to A&A there is increase in opportunities for those interested. The aim of the present workshop is to introduce the students basics of A&A as well as make them aware of different opportunities available in this exciting field.*

**Program**

**1. Lectures**  
Prof. T.R. Seshadri, Delhi University, New Delhi  
Prof. Durgesh Tripathi, IUCAA, Pune  
Prof. A.N. Ramprakash, IUCAA, Pune  
Prof. Shantanu Rastogi, DDU Gorakhpur University  
Dr. Sanjay K. Pandey, Shri Lal Bahadur Shastri Degree College, Gonda

**2. An Interaction Session**  
*Participants will get an opportunity to interact with speakers regarding their various curiosities and future prospects in the field of Astronomy and Astrophysics.*

**Patron**  
Dr. V. Saraswat, Principal, Shri Lal Bahadur Shastri Degree College, Gonda

**Organizing Committee**  
Prof. Durgesh Tripathi - Coordinator  
Prof. Shantanu Rastogi - Coordinator, ICARD  
Dr. Sanjay K. Pandey

**How To Apply**  
Outstation students may write an email to [2ndgondaworkshop@gmail.com](mailto:2ndgondaworkshop@gmail.com) mentioning their name, class, college, contact number and reason for participation. Local students may contact Dr. Sanjay K. Pandey for further information.

The workshop featured a series of expert talks by distinguished speakers from renowned institutions, each covering different aspects of astronomical sciences. The day began with an introduction by Prof. Sanjay K Pandey from Shri L.B.S. Degree College, who set the stage for the day's journey through the universe.

In the inaugural session, Shri Satyadev Singh Ji, Vice President of college management committee encouraged the students to participate in such workshops and seminars. He thanked the speakers to give their precious time to this event. Shri Umesh Shah,

secretary of management committee assured the faculty members and students that management is always ready to provide any kind of support for the advancement of the students through such events. Dr. Vandana Saraswat, officiating Principal of the college, motivated the students to participate in such events and introduced them with some upcoming events. Dr. Veena Singh, Associate Professor, Department of Mathematics, M.L.K PG College, Balrampur participated in the workshop as a special guest along with other faculty members

The first session was led by Prof. Durgesh Tripathi from IUCAA, Pune, who presented on "The Sun." His talk provided insights into the latest research about our closest star, its structure, and its impact on the solar system. His engaging presentation style made complex solar phenomena accessible to all attendees.

Following this, Prof. Shantanu Rastogi from D.D.U. Gorakhpur University captivated the audience with his discussion on the "Chemical Evolution of the Universe." He explained how elements are formed in the cores of stars and spread across the universe, contributing to the formation of new stars and planets. His ability to connect chemical processes to everyday astronomical observations was particularly appreciated.

All speakers, organising committee members, guests and students were provided snacks and lunch during the workshop



Prof. Kanak Saha from IUCAA took the stage next to explore the topic of "Galaxies." His detailed analysis of the formation and interaction of galaxies provided a deeper



understanding of the structure of the universe. Through stunning visuals and simulations, Prof. Saha illustrated the dynamic processes that govern galactic development and evolution. His overview of lenticular galaxies was very impressive.

The complexities of "Star Evolution" were adeptly handled by Prof. Saurabh from ARIES, Nainital. He outlined the life cycle of stars, from their fiery births in nebulae to their ultimate fate as white dwarfs, neutron stars, or black holes. His session included simulations that showed the dramatic changes stars undergo in their lifetimes, which was a highlight for many attendees.

Concluding the day, Prof. Sanjay K Pandey returned to discuss the "Universe in Different EM Bands." His presentation revealed how different electromagnetic wavelengths provide varied and complementary views of the universe. From radio waves capturing the cosmic microwave background to X-rays revealing the violent phenomena in the cosmos, Prof. Pandey demonstrated the importance of multi-wavelength astronomy.

The workshop not only enhanced the students' understanding of the universe but also inspired a sense of wonder and curiosity about the cosmos. The sessions were interactive, with students engaging in question-and-answer round, eagerly discussing their thoughts and seeking further clarifications on complex topics. Students written feedback was a special feature of the workshop.



"Exploring The Universe" was a successful event that achieved its aim of fostering a deeper appreciation and understanding of the cosmos among young scholars. The workshop underscored the collaborative spirit of the astronomical community and the educational institutions involved, making it a memorable learning experience for all participants. In the last session, Mr. Manish Sharma, Assistant Professor, Department of Mathematics, passed a vote of thanks to all the guests, speakers, faculty members of the college, non-teaching staff, media personnel and participating students of all institutes.

**Some sample of collected feedback**

Exploring the Universe,  
Dt. 22<sup>nd</sup> Nov. 2019  
(Workshop feedback form)

Participant's Class (M.Sc./B.Sc. I, II or III/any other): M.Sc. Final year

- How will you rate the level of the lectures in the workshop?  
easy / appropriate / slightly difficult / difficult  
appropriate
- Was the workshop useful for you?  
not at all / slightly / very much  
very much
- Overall impact of the workshop -  
poor / ordinary / good / very good  
very good
- Topic/lecture best understood or liked by you -  
The stars in our backyard
- Topic/lecture least understood -  
Redshifts by galaxies
- Which topic or areas will you prefer for a follow up workshop?  
Formation of stars (mainly) by gamma rays
- Any other comments (if required you may write on back)

Exploring the Universe,  
Dt. 22<sup>nd</sup> Nov. 2019  
(Workshop feedback form)

Participant's Class (M.Sc./B.Sc. I, II or III/any other): B.Sc. III<sup>rd</sup> year

- How will you rate the level of the lectures in the workshop?  
easy / appropriate / slightly difficult / difficult  
appropriate
- Was the workshop useful for you?  
not at all / slightly / very much  
not at all / slightly / very much
- Overall impact of the workshop -  
poor / ordinary / good / very good  
poor / ordinary
- Topic/lecture best understood or liked by you -  
The topic. I am liked not because it is simple language
- Topic/lecture least understood -  
difficult. It is not easy to discuss questions
- Which topic or areas will you prefer for a follow up workshop?  
About stars. I am interested to know about sun
- Any other comments (if required you may write on back)  
What shape of galaxy presentation to question.

Exploring the Universe,  
Dt. 22<sup>nd</sup> Nov. 2019  
(Workshop feedback form)

Participant's Class (M.Sc./B.Sc. I, II or III/any other): B.Sc. 1<sup>st</sup> year

- How will you rate the level of the lectures in the workshop?  
easy / appropriate / slightly difficult / difficult  
appropriate
- Was the workshop useful for you?  
not at all / slightly / very much  
very much
- Overall impact of the workshop -  
poor / ordinary / good / very good  
very good
- Topic/lecture best understood or liked by you -  
given lecture by professor is liked by me but it is
- Topic/lecture least understood -  
The lecture given by lecturer is some understand
- Which topic or areas will you prefer for a follow up workshop?  
The topic of galaxy in Astro physics will be preferred
- Any other comments (if required you may write on back)  
The lecture in Astrophysics of galaxy is useful & useful lecture by lecturer (Professor's) the great lecture but our understanding for is some difficult, because this lecture given in difficult English or some not understand. Then had this lecture for professor for study Astro physics

Exploring the Universe,  
Dt. 22<sup>nd</sup> Nov. 2019  
(Workshop feedback form)

Participant's Class (M.Sc./B.Sc. I, II or III/any other): B.Sc. 1<sup>st</sup> year

- How will you rate the level of the lectures in the workshop?  
easy / appropriate / slightly difficult / difficult  
appropriate
- Was the workshop useful for you?  
not at all / slightly / very much  
very much
- Overall impact of the workshop -  
poor / ordinary / good / very good  
very good
- Topic/lecture best understood or liked by you -  
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