

SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE

Gonda, Uttar Pradesh | Academic & Research Division

PROGRAMME REPORT

One-Day Workshop on Advancing Scientific Research Through Instrumentation & Innovation (Research Sensitization Program)

Date:	07 October 2026 (Wednesday)	Patron:	Prof. Jitendra Singh (Principal Incharge)
Organised By:	Incubation Centre & IQAC	Coordinator:	Dr. Ravi Prakash Ojha



SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA

Affiliated to Maa Pateswari University, Balrampur



ONE-DAY ACADEMIC WORKSHOP ON

ADVANCING SCIENTIFIC RESEARCH THROUGH INSTRUMENTATION & INNOVATION

RESEARCH SENSITISATION PROGRAM

Organized by
Incubation Centre and IQAC



**DATE:**
07/10/2026

**VENUE:**
Seminar Hall, Science
Campus

**PATRON**

Prof. Jitendra Singh
Principal / IQAC Coordinator

**INVITED SPEAKERS**

Mr. Shishir Tripathi
Assistant Professor, Depart. of Zoology

Dr. Puneet Kumar
Assistant Professor, Department of
Chemistry

**Organizing Members**

Dr. Ravi Prakash Ojha
Coordinator

Dr. Ankit Maurya

Dr. Avneesh Kumar Mishra

1. Introduction and Objectives

A one-day academic workshop entitled “**Advancing Scientific Research Through Instrumentation and Innovation**” was organised jointly by the Incubation Centre and the Internal Quality Assurance Cell (IQAC) of Shri Lal Bahadur Shastri Degree College, Gonda, on 07 October 2026, under the patronage of the Principal Incharge, Prof. Jitendra Singh.

The primary objective of the workshop was to familiarise students and faculty members with scientific research methodologies, controlled experimental techniques, systematic approaches to research, and modern laboratory practices. The programme aimed to promote scientific temperament, encourage research-oriented thinking, and create awareness about the importance of experimental techniques in scientific investigations.

2. Inaugural Address by the Principal

The workshop commenced with the inaugural address by the principal Sir, who highlighted the importance of developing a strong research-oriented environment within the institution. He emphasised the need to strengthen research facilities and infrastructure, promote the effective utilisation of available laboratory resources, and create opportunities for students and faculty members to engage in meaningful research activities.

He encouraged students to cultivate scientific curiosity, develop innovative thinking, and actively participate in research and experimental learning. He further motivated the faculty members to guide and inspire students towards research, innovation, and academic excellence. His address provided an encouraging beginning to the workshop and reinforced the institution's commitment to promoting a vibrant research culture.



Inaugral Talk by Prof. Jitendra Singh, Principal Incharge, SLBSDC, Gonda

3. Technical Sessions and Expert Lectures

The workshop comprised two technical sessions delivered by subject experts.

Session I: Life Science & Controlled Methodology

The first lecture was delivered by **Mr. Shishir Tripathi**, Assistant Professor, Department of Zoology, SLBSDC, Gonda on the topic “*Life Science & Controlled Methodology*.” He elaborated on the research process in life sciences, the significance of controlled experiments, and the importance of systematic methodology in scientific investigations. He emphasised that proper experimental planning, control of variables, and objective observations are essential for obtaining reliable and scientifically valid results.



Expert Lecture-1 by **Mr. Shishir Tripathi**, Assistant Professor, Department of Zoology, SLBSDC, Gonda

Session II: Role of Thin-Layer and Column Chromatography in Organic Synthesis: From Reaction Monitoring to Product Purification

The second lecture was delivered by **Dr. Puneet Kumar** Assistant Professor, Department of Chemistry, SLBSDC, Gonda on the topic “*Role of Thin-Layer and Column Chromatography in Organic Synthesis: From Reaction Monitoring to Product Purification.*” He explained the importance of Thin-Layer Chromatography (TLC) in monitoring the progress of chemical reactions and Column Chromatography in the separation and purification of organic compounds. He also highlighted the practical applications of these techniques in organic synthesis and laboratory-based research.



Expert Lecture-2 by **Dr. Puneet Kumar** Assistant Professor, Department of Chemistry, SLBSDC, Gonda

4. Programme Coordination and Participation

The programme was coordinated by **Dr. Ravi Prakash Ojha**. Dr. Ankit Maurya and Dr. Avaneesh Kumar Mishra, members of the organising committee and Incubation Centre, actively contributed to the successful organisation of the workshop.

The programme was attended by Prof. Arvind Sharma (Deputy Chief Proctor), Dr. Santosh Kumar Srivastava, Dr. Dilip Shukla, Dr. Manoj Kumar Mishra, Dr. D. N. Pandey, Mr. Sudhir Tiwari, Mr. Shobhit Maurya, Mr. Vipin, along with other faculty members, supporting staff, and students of the college.

5. Outcomes of the Workshop

The workshop provided valuable academic exposure to the participants. The major outcomes included:

1. Enhanced understanding of fundamental research methodologies and systematic approaches to scientific investigations.
2. Awareness of the importance of controlled experiments in life science research.
3. Familiarisation with Thin-Layer Chromatography (TLC) for monitoring the progress of chemical reactions.
4. Understanding of Column Chromatography for the separation and purification of organic compounds.
5. Increased awareness and interest among students regarding experimental research and scientific investigations.
6. Exposure to the practical applications of important laboratory techniques used in modern research.
7. Motivation among students and faculty members to actively participate in research, innovation, and academic activities.
8. Better awareness of the importance of institutional research infrastructure and the effective utilisation of available facilities.

6. Valedictory Session and Vote of Thanks

At the conclusion of the programme, **Dr. Ravi Prakash Ojha**, Programme Coordinator, extended a vote of thanks to both the resource persons for their informative and insightful lectures. He also expressed gratitude to the Principal, Prof. Jitendra Singh, for his guidance and patronage, and acknowledged the cooperation of all faculty members, participating students, supporting staff, and members of the organising committee who contributed to the successful conduct of the workshop.

7. Conclusion

The one-day *Research Sensitisation Program* proved to be an informative and academically enriching initiative for students and faculty members. The inaugural address by the Principal highlighted the institutional commitment towards strengthening research facilities and fostering a research-oriented academic environment, while the technical sessions provided valuable insights into scientific research methodology and practical experimental techniques.

The workshop offered participants an opportunity to enhance their understanding of scientific investigations and the application of modern laboratory techniques. Such academic initiatives play a significant role in fostering scientific temperament, encouraging innovation, promoting research activities, and strengthening the research culture within the institution.

Permission Letter from Principal

To
The Principal
Shri Lal Bahadur Shastri Degree College
Gonda

Date: 30/09/2026

Subject: Request for permission to conduct One-Day Academic Workshop on Research Sensitization.

Respected Sir,

With due respect, I would like to seek your kind permission to organize a **One-Day Research Sensitization Program** on ...~~07~~⁰⁷ **October 2026** at the **Seminar Hall, Science Campus** of the college.

The proposed program is intended to sensitize students and participants towards research methodology, scientific investigation, instrumental techniques, and research-oriented activities. The program will include an inaugural session, expert lectures on chemical analysis and life science research, and interactive visits and demonstrations in the specialized laboratory and research facilities of the Science Campus.

The proposed program schedule includes lectures by **Mr. Shishir Tripathi, Assistant Professor, Department of Zoology**, and **Dr. Puneet Kumar, Assistant Professor, Department of Chemistry**, along with laboratory demonstrations led by the concerned faculty members. The program will also provide participants with an opportunity to familiarize themselves with the available research facilities and incubation activities of the college.

The programme is proposed to be conducted from **10:00 AM onwards**, followed by laboratory visits, demonstrations, participant interaction, feedback, and certificate distribution.

I, therefore, kindly request you to grant permission to conduct the above-mentioned program and to make the necessary arrangements for the smooth and successful organization of the event.

I shall be highly grateful for your kind consideration and approval.

Yours faithfully,


Dr. Ravi Prakash Ojha
Assistant Professor, Department of Chemistry
Convener, Incubation and Research Centre
Shri Lal Bahadur Shastri Degree College, Gonda

Allowed

30/09/26

शास्त्री महाविद्यालय के विज्ञान संकाय में एक दिवसीय अनुसंधान संवेदीकरण कार्यशाला संपन्न

संवाददाता अय्यूब आलम

गोंडा। 07 अक्टूबर 2026 लाल बहादुर शास्त्री डिग्री कॉलेज के इनक्यूबेशन सेंटर एवं आई क्यू ए सी के संयुक्त तत्वावधान में एक दिवसीय अकादमिक कार्यशाला का आयोजन अनुसंधान संवेदीकरण विषय पर आयोजित किया गया प्राचार्य प्रो. जितेंद्र सिंह के संरक्षण में आयोजित कार्यशाला में वैज्ञानिक शोध पद्धतियों और प्रयोगात्मक तकनीकों की उपयोगिता पर व्याख्यान प्रस्तुत किए गए। मुख्य वक्ता शिशिर त्रिपाठी ने जीवन विज्ञान एवं नियंत्रित कार्य प्रणाली विषय पर व्याख्यान दिया देते हुए कहा जीवन विज्ञान में शोध की प्रक्रिया, नियंत्रित प्रयोगों के महत्व तथा वैज्ञानिक अध्ययन में व्यवस्थित कार्यपद्धति की भूमिका महत्वपूर्ण होती है। डॉ. पुनीत कुमार ने कार्बनिक संश्लेषण में थिन लेयर और कॉलम क्रोमेटोग्राफी की भूमिका रिएक्शन मॉनिटरिंग से उत्पाद शुद्धिकरण तक



विषय पर व्याख्यान देते हुए इसके महत्व पर प्रकाश डाला कार्यशाला का समन्वयन डॉ. रवि प्रकाश ओझा ने किया आयोजन समिति एवं इनक्यूबेशन सेंटर के सदस्य डॉ. अंकित मौर्य एवं डॉ. अवनीश कुमार मिश्रा का सहयोग सराहनीय रहा। इस अवसर पर उप मुख्य नियंता एवं सेवा संकल्प अभियान के नोडल प्रो. अरविंद शर्मा, डॉ. संतोष कुमार श्रीवास्तव, डॉ. दिलीप शुक्ला, डॉ.

मनोज कुमार मिश्रा, डॉ. डी. एन. पांडेय, सुधीर तिवारी, शोभित मौर्य एवं विपिन सहित अन्य शिक्षकगण, सहयोगी कर्मचारी और विद्यार्थी उपस्थित रहे। उक्त कार्यशाला के माध्यम से शोध कार्य प्रणाली एवं वैज्ञानिक प्रयोगों में प्रयुक्त तकनीकों की जानकारी छात्र-छात्राओं को दी गई। कार्यक्रम के अंत में कार्यक्रम के समन्वयक डॉ. रवि प्रकाश ओझा ने सभी को धन्यवाद ज्ञापित किया।

शास्त्री महाविद्यालय के विज्ञान संकाय में एक दिवसीय अनुसंधान संवेदीकरण कार्यशाला संपन्न



अय्यूब आलम
अल मदार टाइम्स

गोंडा 07 अक्टूबर 2026 लाल बहादुर शास्त्री डिग्री कॉलेज के इनक्यूबेशन सेंटर एवं आई क्यू ए सी के संयुक्त तत्वावधान में एक दिवसीय अकादमिक कार्यशाला का आयोजन अनुसंधान संवेदीकरण विषय पर आयोजित किया गया

प्राचार्य प्रो. जितेंद्र सिंह के संरक्षण में आयोजित कार्यशाला में वैज्ञानिक शोध पद्धतियों और प्रयोगात्मक

तकनीकों की उपयोगिता पर व्याख्यान प्रस्तुत किए गए।

मुख्य वक्ता शिशिर त्रिपाठी ने जीवन विज्ञान एवं नियंत्रित कार्य प्रणाली विषय पर व्याख्यान दिया देते हुए कहा जीवन विज्ञान में शोध की प्रक्रिया, नियंत्रित प्रयोगों के महत्व तथा वैज्ञानिक अध्ययन में व्यवस्थित कार्यपद्धति की भूमिका महत्वपूर्ण होती है।

डॉ. पुनीत कुमार ने कार्बनिक संश्लेषण में थिन लेयर और कॉलम

क्रोमेटोग्राफी की भूमिका रिएक्शन मॉनिटरिंग से उत्पाद शुद्धिकरण तक विषय पर व्याख्यान देते हुए इसके महत्व पर प्रकाश डाला कार्यशाला का समन्वयन डॉ. रवि प्रकाश ओझा ने किया आयोजन समिति एवं इनक्यूबेशन सेंटर के सदस्य डॉ. अंकित मौर्य एवं डॉ. अवनीश कुमार मिश्रा का सहयोग सराहनीय रहा। इस अवसर पर उप मुख्य नियंता एवं सेवा संकल्प अभियान के नोडल प्रो. अरविंद शर्मा, डॉ. संतोष कुमार श्रीवास्तव, डॉ. दिलीप शुक्ला, डॉ. मनोज कुमार मिश्रा, डॉ. डी. एन. पांडेय, सुधीर तिवारी, शोभित मौर्य एवं विपिन सहित अन्य शिक्षकगण, सहयोगी कर्मचारी और विद्यार्थी उपस्थित रहे। उक्त कार्यशाला के माध्यम से शोध कार्य प्रणाली एवं वैज्ञानिक प्रयोगों में प्रयुक्त तकनीकों की जानकारी छात्र-छात्राओं को दी गई। कार्यक्रम के अंत में कार्यक्रम के समन्वयक डॉ. रवि प्रकाश ओझा ने सभी को धन्यवाद ज्ञापित किया।

Attendance Record

SHRI BHADUR SHASTRI DEGREE COLLEGE, GONDA

Incubation Centre & IQAC

Research Sensitization Programme — Attendance Sheet

Date: 07 October 2026

S. No.	Name of Participant	Designation	Signature
1.	Aayushka Yadav	Student	Aayushka Yadav
2.	Abhay Kumar Dubey	Student	Abhay Kumar Dubey
3.	Ananya Tripathi	Student	
4.	Abhishek Mishra	Student	Abhishek Mishra
5.	Aditya Gupta	Student	Aditya Gupta
6.	Akanksha Maurya	Student	Akanksha Maurya
7.	Anamika Tiwari	Student	Anamika Tiwari
8.	Anand Kumar Shukla	Student	Anand Shukla
9.	Anshika Mishra	Student	Anshika Mishra
10.	Anshika Shukla	Student	Anshika Shukla
11.	Anshika Tiwari	Student	Anshika Tiwari
12.	Deepak Kumar Verma	Student	Deepak Verma
13.	Garima Mishra	Student	Garima Mishra
14.	Garima Singh	Student	Garima Singh
15.	Isma Khan	Student	Samra Khan
16.	Jyoti Chauhan	Student	Jyoti Chauhan
17.	Kajal Jaisawal	Student	Kajal Jaisawal
18.	Kanchan Gupta	Student	Kanchan Gupta
19.	Karan Paswan	Student	Karan Paswan
20.	Laxmi Devi	Student	Laxmi Devi
21.	Mansi Verma	Student	Mansi Verma
22.	Muskan Maurya	Student	Muskan Maurya
23.	Muskan Shukla	Student	Muskan Shukla
24.	Navya Dubey	Student	

002 Satya Prakash Ojha

Student

Satya Prakash Ojha

SHRI BHADUR SHASTRI DEGREE COLLEGE, GONDA

Incubation Centre & IQAC

Research Sensitization Programme — Attendance Sheet

Date: 07 October 2026

S. No.	Name of Participant	Designation	Signature
25.	Nidhi Chakarvarty	Student	Nidhi Chakarvarty
26.	Nikita Jaiswal	Student	Nikita Jaiswal
27.	Pallavi Tiwari	Student	Pallavi Tiwari
28.	Pragya Kasaudhan	Student	Pragya Kasaudhan
29.	Priya Tiwari	Student	—
30.	Rajan	Student	Rajan
31.	Rishi Pandey	Student	Rishi Pandey
32.	Ritika Verma	Student	Ritika
33.	Roshani Maurya	Student	Roshani Maurya
34.	Sambhu Nath Shukla	Student	—
35.	Shivani Shukla	Student	—
36.	Shreya Tiwari	Student	Shreya Tiwari
37.	Suhani Pandey	Student	Suhani Pandey
38.	Uma Sharma	Student	Umasharma
39.	Vivek Pandey	Student	Vivek Pandey
40.	Yogesh Kumar	Student	Yogesh
41.	Zikra Khaliq	Student	Zikra Khaliq
42.	Kusum Pandey	Student	Kusum Pandey
43.	Riya Srivastava	"	Riya Srivastava
44.	Shubham Shukla	"	Shubham Shukla
45.	Kaushal Yadav	"	Kaushal

46- Monika Tiwari Student
 47- Anshika Shukla Student
 48- Priyanshu Choudhary
 Principal/IQAC Coordinator/Patron
 Monika Tiwari
 Anshika Shukla
 Priyanshu Choudhary
 Convener, Incubation Centre

49 - Satish Arya - Student
 50 - Jatin Singh - Student

06 Shubham Pandey - Student

041 - Raman Kasaudhan - Student

029 - Khushi Pandey - Student

Raman
 Khushi Pandey

Photographs of Program




Programme Coordinator
Dr. Ravi Prakash Ojha
Incubation Centre
Shri Lal Bahadur Shastri Degree College, Gonda