

Hybrid Mode  
(Both Physical & Online)

# INTERNATIONAL CONFERENCE

on

## Emerging Trends In Microbiology

(ICETM-2023)

28<sup>th</sup> February & 1<sup>st</sup> March, 2023

Organised by:



**Department of Botany**  
**M.L.K.(P.G.) College, Balrampur (U.P.)**

in association with



**Microbiologists Society, India**

Event Report of the International Conference on Emerging Trends  
in Microbiology



**M.L.K. (P.G.) COLLEGE, BALRAMPUR, 271201, INDIA**  
**Affiliated to Siddharth University, Kapilvastu, Siddharth Nagar**

## **EVENT REPORT**

1. **Title of Event** : International Conference on ‘Emerging Trends in Microbiology’
2. **Nature of Event** : Hybrid mode (Both on line and off line)
3. **Date & Duration** : February 28 and March 1, 2023 (Two Days).
4. **Organizing Department** : Department of Botany
5. **Name of Resource Persons** : Listed Below
  1. **Dr. V. P. Singh**, Director, Research and Development, Avance Biosciences, Houston, Texas, USA
  2. **Prof. Shailendra Kumar**  
Professor and Head, Department of Microbiology, Dr. R. M. L. Avadh University
  3. **Dr. Shailendra Maurya**  
Staff Scientists, D.B. Washington University, St. Louis, Missouri, USA
  4. **Dr. Neeraj**  
Department of Botany, St. Andrews College, Gorakhpur
  5. **Dr. Avinash Singh**, Post Doc Scientist at University of Minnesota, Medical School Minneapolis, USA.
  6. **Dr Amrita Ranjan**  
Postdoctoral Researcher, AMHBI, CPUT, Bellville Campus, South Africa
  7. **Dr. Ramesh Kumar Srivastava, FNASc.**, Principal Scientist, CSIR-Central Institute of Medicinal and Aromatic Plants (CIMAP), Lucknow
  8. **Dr. Suchi Srivastava**  
Principle Scientist, NBRI, Lucknow
6. **Number of Participants** : About 800
7. **Summary of Events** :

The **International Conference on Emerging Trends in Microbiology-2023** was started on 28 February 2023 on the occasion of National Science Day in the auditorium of M.L.K. P.G. College, Balrampur at 10:00 AM. The inaugural session was anchored by Dr. Devendra Chauhan and it was started with the permission of the President of the Conference. The first event was the lightening of the lamp by the President of the Conference and Principal Prof. J. P. Pandey, Secretary,



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Management Committee, Lt. Col. R. K. Mohanta, Chief Guest, Prof S. C. Shukla, (President, Microbiologist Society, India) Department of Botany, Lucknow University, Prof. Shailendra Kumar, Department of Microbiology, Dr. R.M.L. Avadh University, Ayodhya, former Principal, Prof. N. K. Singh, and Prof R. K. Singh.



Welcome, address was given by Professor J. P. Panday sir, he welcomes all the respected members on the dais, the delegated, senior faculty members (because of which this college is illuminating the glory of its talents in the country and abroad), and the students. He also welcomes and give thanks to the Secretary, Management Committee, Lt. Col. R. K. Mohanta for giving consent of organizing, fourth, such type of event.

The next speech was delivered by the Secretary, Management Committee, Lt. Col. R. K. Mohanta. He said that both online and offline talks that will be delivered definitely enlighten our students and enrich our knowledge about the subject and he welcomes all and wishes good luck to have good sessions.

The Presidential address was given by Dr. V. P. Singh and the title was “Exploring and Understanding the COVID-19 Pandemic” The next speaker was Dr. Shailendra Maurya his topic of talk was "Functional human IPSC models to study infant leukaemia". The next talk was given by Prof Shailendra Kumar sir and speak on general microbiology and Microbiological treatment of waste water. After luncheon the next speaker was Dr. Neeraj who was spoken on the mycological flora.

In the honour ceremony honour was given to retired faculty of the Department of Botany and the best students awards was given to the best students.

Now the session was begin for oral presentation and various research scholars from other Universities (Gorakhpur University, Lucknow University), and M.Sc. Botany students. At same time poster session and evaluation was begin outside the auditorium.

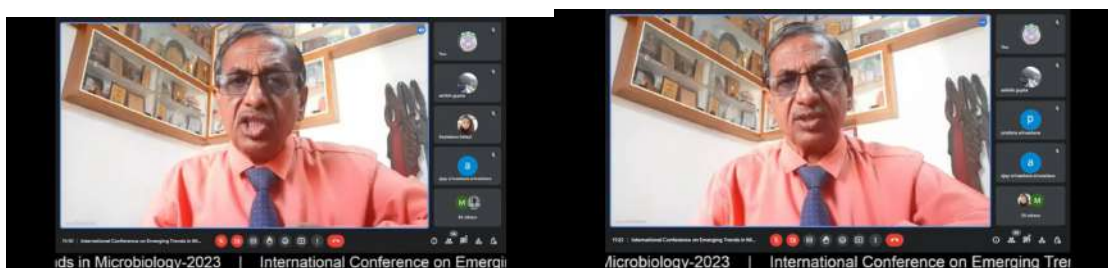


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On next day of the seminar session was begin with the lightening of lamp by the Principal, Prof J. P. Panday and the respected Guest

The first oral talk was given by Dr. Avinash Singh and then Prof. A. M. Deshmukh was address the audience with their talk on microbiologist Society, India.



Dr. Vrushali Wagh is presenting

### Applications of Naringinase enzyme in food industry: Enzymic Debittering of Fruit Juice:

The mature fruit juice was taken and naringin content was treated with Naringinase enzyme by Davis method. The enzymic debittering of sweet lime juice using naringinase enzyme produced by fungal isolate N1 showed maximum decrease of naringin at naringinase concentration of 1.0µg/100ml with incubation time of 3 hrs at room temperature (30 °C).

#### Effects of varying Naringinase concentration and Time of Incubation on Sweet lime juice debittering

Trials	Naringinase (µg/ml)	Time (hrs)	Naringin content (µg/ml)	Trials	Naringinase (µg/ml)	Time (hrs)	Naringin content (µg/ml)
Control (Before Treatment)	-	-	44.94	6	1.0	2	48.31
After Treatment				7	0.25	3	40.44
1	0.25	1	41.57	8	0.5	3	37.07
2	0.5	1	47.19	9	1.0	3	34.83
3	1.0	1	48.31	10	0.25	4	52.80
4	0.25	2	46.06	11	0.5	4	50.56
5	0.5	2	42.69	12	1.0	4	48.31

12:22 | International Conference on Emerging Trends in Microbiology-2023 | International Conference on Emerging Trends in Microbiology-2023

### Technical Session 2 - International Conference on Emerging Trends in Microbiology-2023

MLK - Education Channel

## INTRODUCTION

### CYANOBACTERIA (BLUE GREEN ALGAE)

- Diverse group of oxygenic photosynthetic prokaryotes
- Originated about 2.8-3.5 billion years ago
- Inherent capacity of photosynthesis resulted oxygen evolution and development of aerobic life on the Earth
- Ubiquitous in nature, may survive in extreme environmental conditions
- Dominant primary producer and contribute major biomass and productivity in aquatic and terrestrial ecosystems
- Maintain ecological integrity and trophic energy dynamics of an ecosystem
- Excellent source of secondary metabolites of medicinal, agricultural and industrial importance such as Biofertilizers, Biofuels, sunscreens and food supplements that are eco-friendly and economically important

12:04 | International Conference on Emerging Trends in Microbiology-2023 | International Conference on Emerging Trends in Microbiology-2023



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After that oral online session was begin and the oral talk was given by below listed speakers from all over India and abroad.

1	Mohd. Sajjad Ahmad Khan	Anti-candida activity of selected essential oils alone and in combination with fluconazole and amphotericin B against drug resistant isolates of <i>Candida albicans</i>
2.	Seyieleno Seleyi	Seasonal bacterial diversity in two mangroves dominated tropical estuaries and their possible influence on organic matter mineralization
3.	Dhruv Joshi	Isolation and Identification of Potent Biocellulose Producing Bacteria From Fresh Fruits & Study of its Applications in Various Fields
4.	Prathamesh Shetgaonkar	Production of Eco-friendly Bioplastic
5.	Dr. Ompal Singh	Role of Medicinal plant species in immunity booster against covid-19 Pandemic
6.	Ashish Gupta	Antiviral, antifungal and antibacterial activities of <i>Pseudomonas aeruginosa</i> isolate PM1 with plant growth promotion activity
7.	Dr. Swati Chaurasia	BGA: A Plant Growth Promoting Microorganism
8.	Anil Kumar	Isolation and molecular identification of vancomycin resistant enterococci in freshwater fish collected from retail fish markets in Uttar Pradesh
9.	Ravi Kumar Yadav	Impact of green synthesized zinc oxide nanoparticles in ameliorating the harmful effects of cadmium in <i>Vigna radiata</i> L.
10.	Ms. Shilpa Supekar	Epidemiological and demographic characteristics of dengue at a tertiary care center in Kutch region during the year 2019
11.	Ishwar Deen Chaudhary	Survey and occurrence of Mosaic disease on Pearl millet in District Ayodhya of Eastern Uttar Pradesh, India
12.	Priya S.	Evaluation of antimicrobial efficacy and assessing the wound healing potential of topical ointment formulated using prodigiosin
13	Vrushali Wagh	Production of Naringinase enzyme by <i>Aspergillus flavus</i> and its applicability for debittering of fruit juice
14.	Dr. Sachin V. Tawade	Leaf Blight Disease Severity in Safed Musli Cultivation
15.	Naveen Kumar	Molecular Profiling of the Host and Microbes Involved in the Treatment of Wastewater
16.	Humaira Mukadam	Biosurfactant Mediated Synthesis of Chitosan Nanoparticles Using Bacillus Sp SH3A and their Antibacterial Studies against <i>E. Coli</i>
17	Deepak Arya	Reletionship between Environmental and Clinical Isolates of <i>E. Coli</i>
18.	Dr. Gyanendra Kumar	Aphids enhance transmission of plant viruses



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19.	Mr. Shantanu Mishra	Physico-Chemical Analysis and Distribution of Heavy Metals in Damanganga River water
20.	Anu Shree	UV radiation-induced synthesis of MAAs and their photo-protective function in the hypersaline cyanobacterium <i>Euhalothece</i> sp. WR7
21.	Sandeep Jambholkar	Disquisition of keratinophilic fungi inside the time period of isolation and identification
22.	G. B. Labade and S. P. Surve	Biochemical studies on Bacterial blight of Pomegranate caused by <i>Xanthomonas axonopodis</i> pv. <i>punicae</i>
23.	Pratima Srivastava	Evaluation of antimicrobial and plant growth promoting trait of bacterial endophytes from Turmeric ( <i>Curcuma longa</i> L.)

The next invited online talk was given by Dr Amrita Ranjan. She speaks on the topic “Microbial Bioplastic Production: Current Trend, Scope and Challenges”

**What are Polyhydroxyalkanoates (PHAs) ?**

- Natural, intracellular and biodegradable polyesters produced by microbes
- A way to store energy.
- Produced under nutrient limitation conditions
- External factors limitation: Phosphorous and nitrogen, oxygen (Electron acceptors) ,
- Internal factor limitation: insufficiency in RNA or some enzymes needed for growth.
- These polymers have almost similar chemical structure, thus have similar physicochemical properties.
- Biodegradable
- High hydrophobicity
- High strength and flexibility.

Bioreactor PHA-rich microbial cell PHA granules ('carbonosomes')

PHA structure

Cape Peninsula University of Technology  
creating futures

Amrita Ranjan is presenting

You  
Ajay Srivastava Srivastava  
Amrita Ranjan  
21 others

12:50 | International Conference on Emerging Trends in M...  
Microbiology-2023 | International Conference on Emerging Trend

After luncheon next offline presentation was delivered by Dr. Suchi Srivastava, from NBRI, Lucknow and Dr. Ramesh from CIMAP, Lucknow. After that valedictory session was begin.



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### 8. Brochure of the International Conference

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 Microbiologists Society, India  
 9716430071, 7027843231

Hybrid Mode  
 (Both Physical & Online)

**INTERNATIONAL CONFERENCE**  
 on  
**Emerging Trends In Microbiology**  
 (ICETM-2023)  
 28<sup>th</sup> February & 1<sup>st</sup> March, 2023

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**About the Conference**

The Conference Emerging Trends In Microbiology mainly focuses on emerging challenges in the field of microbiology. Microbiological research going on all over the world to develop ecofriendly product to save environment and sustainability like bio-degradable, bioplastic, bioenergy, biodegradation etc. The conference will provide a platform for the scientists, researchers, academicians as well as scholars to talk about microorganisms and their awareness in the latest microbiological research. Microbes are present everywhere; they are both beneficial and harmful. The harmful micro-organisms like viruses, bacteria, and fungi like molds and Protozoa causes diseases in plants as well as in animals. Different diseases are caused by different types of micro-organisms or pathogens. The microorganism also benefits us at every stage of our lives. As recombinant DNA technology uses microorganisms, particularly bacteria and viruses, to amplify DNA sequences and generate the encoded products. Moving genes from one microorganism to another, or amplifying them within microorganisms, permits application of microbial skills to solve medical and environmental problems. Many microorganisms are unique among living things in their ability to use gaseous nitrogen from the air for their nutritional requirements, or to degrade complex macro-molecules in such materials as wood. By rearranging the genes that control these and other processes, scientists seek to engineer micro organisms that will process wastes, fertilize agricultural land, produce desirable biomolecules, and solve other problems inexpensively and safely. The present event help in evolving new projects or areas where microbiology can utilize for the development of new technologies which may be useful in overcoming the problem of energy, environment and health issues.

The major thrust areas:

- Plant Microbes interaction
- Plant Pathology and Plant disease management
- Animal Microbial disease
- Microbial Biotechnology
- Industrial Microbiology
- Applied Microbiology
- Bioprocess Engineering
- Phytoremediation and Bioremediation
- Environmental Microbiology

Note: There will be best paper awards on oral & poster sessions both.

**About the College**

The Venue of the Seminar is M.L.K.(P.G.) College, Balrampur (U.P.). The College was established by Maharaja Sir Pateshwari Prasad Singh in the year 1955 and is more popularly known as **Oxford of Tarai**. The College is accredited with Grade 'B' by NAAC. The College is situated at a distance of 165 km in the East from Lucknow & 189 km from Gorakhpur. Direct Trains are available to reach Balrampur from any corner of India. The College is situated in the heart of city at distance 03 Km from Balrampur Railway Station and 01 Km. from Jharkhandi Halt (Station).

**About MSI**

Microbiologist Society, India was established in March 1996 and registered in November 1996 in Satara, Maharashtra, India. The main aim of the society is to organize courses in Microbiology at all levels of education. The society also advice the government and its agencies on the microbiological problems of public interest. The society sponsor or support conferences, seminars, symposia, exhibition & meetings to arrange lectures and demonstration on any aspect of microbiology.

**Call for Abstracts/Papers:**

All the participants are requested to send their Articles, Abstracts and Research Paper through E-mail on [icetm2023.mlk@gmail.com](mailto:icetm2023.mlk@gmail.com). The last date of submission is 22<sup>th</sup> February, 2023. Selected Papers will be published in the Edited book with ISBN number. All papers should be typed in MS-Word in Times New Roman with Font size 12 & line spacing 1.5pt. Title of the paper should be in Times New Roman with Fontsize 14.

**Registration Fee**

Faculty Members	Rs. 500/-
Staff Members of M.L.K.	Rs. 400/-
Research Scholars	Rs. 300/-
P.G. Students	Rs. 250/-

**Online Payment**

Scan the QR Code for Payment or  
 Ajoy Srivastava  
 UPI No: 9455042895  
 UPI ID: 9455042895@ybl

**Registration link:**  
<https://forms.gle/TCppSpuzKHQ3qUz9>

**Advisory Committee:**

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 Prof. F.D. Yadav, Head, Deptt. of Botany, N.S. Saha P.G. College, Allahabad  
 Prof. Gopal A. Kushwaha, Head, Deptt. of Botany, N.S. Saha P.G. College, Allahabad  
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 Dr. Anand Kumar Mishra, Zonal Co-ordinator, Prayagraj  
 Dr. Rajesh Kumar Pandey, Zonal Co-ordinator, Lucknow  
 Dr. Manoj Kumar Singh, Zonal Co-ordinator, Lucknow  
 Dr. Ramaraj Yadav, Zonal Co-ordinator, Lucknow  
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 Dr. Anand Gopal Singh, Deptt. of Botany, M.B. P.G. College, Patna  
 Dr. Rajesh Pandey, Deptt. of Botany, Banaraspur University, Banaraspur  
 Dr. Ravi Krishna Mishra, Lucknow



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**9. Faculty & Students in the International Conference “Emerging Trends in Microbiology (ICETM-2023).**







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**10. News Headings**

# सूक्ष्मजीव जीवन के लिए महत्वपूर्ण

एमएलके पीजी कॉलेज में अंतरराष्ट्रीय सम्मेलन शुरू, पांच देशों के प्रोफेसर कर रहे प्रतिभाग

संवाद न्यूज एजेंसी

**बलरामपुर।** 'सूक्ष्म जीव विज्ञान में उभरते रुझान' (इमर्जिंग ट्रेन्ड्स इन माइक्रो बायोलॉजी) विषय पर एमएलके महाविद्यालय में दो दिवसीय अंतरराष्ट्रीय सम्मेलन का शुभारंभ मंगलवार को हुआ। सम्मेलन में पांच देशों व नौ राज्यों के विषय विशेषज्ञ एवं शोध छात्रों ने भाग लिया। विषय विशेषज्ञों ने सूक्ष्म जीव की विशेषता एवं उपयोगिता के खंड में महत्वपूर्ण जानकारी साझा की।

सम्मेलन का शुभारंभ डॉ. राम मनोहर लोथिया अग्रिम विरयविद्यालय के माइक्रोबायोलॉजी के विभागाध्यक्ष प्रो. शैलेन्द्र कुमार, लैंग्विजट कलेज आरके मोहनदा, प्राचार्य प्रो. जे.पी. पांडेय, प्रो. अमृतेश चंद्र

शुक्ल, प्रो. एनके सिंह, प्रो. आरके सिंह व डॉ. राजीव रंजन ने दीप जलाकर किया।

रिसर्च एंड डेवलपमेंट टेक्नोलॉजी (अमेरिका) के निदेशक डॉ. विवेक प्रताप सिंह ने कहा कि सूक्ष्मजीव पृथ्वी पर उपस्थित जीवों के लिए बहुत ही महत्वपूर्ण घटक हैं। सभी जानते हैं कि सूक्ष्मजीव प्रायः मनुष्यों में बहुत से रोग उत्पन्न करते हैं। ये पराओं तथा फलपत्रों में भी रोग उत्पन्न करते हैं, परंतु इसका यह अर्थ नहीं है कि सभी सूक्ष्मजीव हानिकारक ही हैं। उन्होंने कोविड-19 को बर्बाद करते हुए सूक्ष्म जीवों के स्वच्छता को विलुप्त जानकारी दी। साथ ही कोरोना के कारण शरीर पर पड़ने वाले प्रभावों पर भी आवश्यक जानकारी दी।

डॉ.बी. खरिगटन विरयविद्यालय सेट लुइस मिसौरी अमेरिका के डॉ. शैलेन्द्र मौर्य

ने बच्चों में होने वाले विभिन्न प्रकार के कैंसर पर विलुप्त चर्चा की।

अग्रिम विरयविद्यालय के प्रो. शैलेन्द्र कुमार ने विश्व व भारत की वर्तमान जनसंख्या को केंद्र बिंदु मानते हुए सूक्ष्म जीवों की भूमिका पर प्रकाश डाला। किस प्रकार सूक्ष्म जीवों से वातावरण को बचाया जा सकता है, इस बारे में भी उन्होंने जानकारी दी।

कार्यक्रम में अतिथियों ने स्मारिका का विमोचन भी किया। इस दौरान महाविद्यालय के सौखिनसुव शिक्षक प्रो. एनके सिंह, डॉ. एसबी सिंह, डॉ. जे.पी. लिवारी, डॉ. चंद्रकान्त, डॉ. जी.पी. श्रीवास्तव, डॉ. डॉ. डॉ. डॉ. आरके पांडेय को स्मृति धियान व अमरवज्र भेंटकर सम्मानित किया गया।

1.

अंतरराष्ट्रीय सेमिनार में कई देशों तथा प्रदेश के वैज्ञानिक शोधकर्ता होंगे सम्मिलित

# दो दिवसीय इंटरनेशनल कॉन्फ्रेंस का एमएलके कॉलेज में हुआ शुभारंभ

जगत लखनौ • बलरामपुर



बलरामपुर। 'सूक्ष्म जीव विज्ञान में उभरते रुझान' (इमर्जिंग ट्रेन्ड्स इन माइक्रो बायोलॉजी) विषय पर एमएलके महाविद्यालय में दो दिवसीय अंतरराष्ट्रीय सम्मेलन का शुभारंभ मंगलवार को हुआ। सम्मेलन में पांच देशों व नौ राज्यों के विषय विशेषज्ञ एवं शोध छात्रों ने भाग लिया।

सम्मेलन का शुभारंभ डॉ. राम मनोहर लोथिया अग्रिम विरयविद्यालय के माइक्रोबायोलॉजी के विभागाध्यक्ष प्रो. शैलेन्द्र कुमार, लैंग्विजट कलेज आरके मोहनदा, प्राचार्य प्रो. जे.पी. पांडेय, प्रो. अमृतेश चंद्र

अमेरिका के अतिथि विशेषज्ञ एम.एल.के. पीजी कॉलेज में आयोजित अंतरराष्ट्रीय सम्मेलन का शुभारंभ मंगलवार को हुआ। सम्मेलन में पांच देशों व नौ राज्यों के विषय विशेषज्ञ एवं शोध छात्रों ने भाग लिया।

3.

राजनीतिक बुलेटिन (दैनिक) लखनऊ • बुधवार 01 मार्च, 2023 • लखनऊ महानगर

# इमर्जिंग ट्रेन्ड्स इन माइक्रोबायोलॉजी विषय पर दो दिवसीय अंतरराष्ट्रीय सम्मेलन का हुआ आयोजन

# माइक्रोबायोलॉजी में उभरते रुझान पर विज्ञानियों ने की चर्चा



एमएलके महाविद्यालय में आयोजित अंतरराष्ट्रीय सम्मेलन में अतिथि विशेषज्ञ एम.एल.के. पीजी कॉलेज में आयोजित अंतरराष्ट्रीय सम्मेलन का शुभारंभ मंगलवार को हुआ। सम्मेलन में पांच देशों व नौ राज्यों के विषय विशेषज्ञ एवं शोध छात्रों ने भाग लिया।

सम्मेलन का शुभारंभ डॉ. राम मनोहर लोथिया अग्रिम विरयविद्यालय के माइक्रोबायोलॉजी के विभागाध्यक्ष प्रो. शैलेन्द्र कुमार, लैंग्विजट कलेज आरके मोहनदा, प्राचार्य प्रो. जे.पी. पांडेय, प्रो. अमृतेश चंद्र

अंतरराष्ट्रीय सम्मेलन का शुभारंभ मंगलवार को हुआ। सम्मेलन में पांच देशों व नौ राज्यों के विषय विशेषज्ञ एवं शोध छात्रों ने भाग लिया।



सम्मेलन का शुभारंभ मंगलवार को हुआ। सम्मेलन में पांच देशों व नौ राज्यों के विषय विशेषज्ञ एवं शोध छात्रों ने भाग लिया।

2.

4.

1. Amar Ujala Date 01/03/2023
2. Dainik Jagran, Balrampur Date 01/03/2023
3. Jan Express Date 01/03/2023
4. Rajnetic Bulletin Date 01/03/2023





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## 11. Video clips and Media coverage



<https://www.crimejunction.com/2023/02/international-seminar-started-in-mlk.html>

<https://youtu.be/IZ3vd0O3e04>



<https://youtu.be/0Xfg3WyQ9Dk>



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**LEARNING NEWS**  
सूक्ष्म जीव विज्ञान में उभरते रुझान विषय पर दो दिवसीय सम्मेलन का हुआ आयोजन  
बलरामपुर

सूक्ष्म जीव विज्ञान में उभरते रुझान विषय पर दो दिवसीय सम्मेलन का हुआ आयोजन  
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इस दौरान पोस्टर व ओरल प्रेजेंटेशन के विजयी प्रतिभागियों को किया गया सम्मानित  
फरीद वारसी ब्यूरो चीफ देवीपाटन मंडल\*  
डीसीपी न्यूज चैनल को लाइक सब्सक्राइब और शेयर जरूर करें

👍👍👍👍👍👍👍👍  
<https://youtu.be/u5mvQXUyqWM>

<https://youtu.be/u5mvQXUyqWM>

एमएलके पीजी कॉलेज में आयोजित दो दिवसीय इंटरनेशनल कॉन्फ्रेंस का समापन  
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एमएलके पीजी कॉलेज में आयोजित दो दिवसीय इंटरनेशनल कॉन्फ्रेंस का समापन

<https://youtu.be/70ImWXWTqY0>

अपने क्षेत्र के खबरों के लिए चैनल को अभी सब्सक्राइब करके 🔔 आइकन दबाए

<https://youtu.be/70ImWXWTqY0>

बलरामपुर: दो दिवसीय अंतरराष्ट्रीय सेमिनार का समापन | CRIME JUNCTION  
Two-day international seminar concludes  
www.crimejunction.com

बलरामपुर: दो दिवसीय अंतरराष्ट्रीय सेमिनार का समापन | CRIME JUNCTION  
<https://www.crimejunction.com/2023/03/two-day-international-seminar-concludes.html>

<https://www.crimejunction.com/2023/03/two-day-international-seminar-concludes.html>

#MLK PG बलरामपुर में 5 देश व 10 राज्यों के #विज्ञानिक व #प्रोफेसर द्वारा #अंतरराष्ट्रीय सम्मेलन महाविद्यालय बलरामपुर में 5 देश व 10 राज्यों के विज्ञानिक व  
youtube.com

<https://youtu.be/9I37HWhXAvU> 9:44 am

<https://youtu.be/9I37HWhXAvU>