



RAM LAL ANAND COLLEGE

University of Delhi
DEPARTMENT OF MICROBIOLOGY
MIKROBIOLOGIKA



20th of March, 2024

To,
The Principal, Ram Lal Anand College,
University of Delhi, 110021

Subject: Permission to travel to and conduct an outreach program at a school located in Patiya village, Almora

Respected Sir,

Mikrobiologika, Department of Microbiology, Ram Lal Anand College, University of Delhi, is planning to conduct travel to Patiya village Almora and conduct an outreach program for school students. **We plan to proceed from New Delhi on the 22nd of April 2024 and return on the 25th of April 2024.** We are taking guidance from Dr Prabhas Pande to plan the trip and get in touch with school authorities. A group of 32 students have expressed their interest to be a part of the trip. Four faculty members have expressed their willingness to accompany the students (myself, Prof Prerna Diwan, Prof Vandana Gupta, Dr Nidhi Verma and Myself)

The main aim of the outreach initiative is to create curiosity among the students about microorganisms and spread awareness about their role in nature. The activities we are planning include microscopy, microbial diversity, simple staining, foldscope and soil analysis.

Our budgeted expenses for travel and accommodation are likely to be as follows:

1. Train tickets to and from Kathgodam ($755+815$ ie $1570 \times 36 = 56520$) Rs 56520
2. Bus from Kathgodam to Patiya and back ($9000+9000=18000$) Rs 18000
3. Homestay accommodation for 4 faculty members for three days and 3 nights ($4 \times 3000 = 12000$) Rs 12000

We would request you to grant us permission to undertake this trip and sanction an advance amount of INR 86000/- to allow us to go ahead with the necessary reservations at the earliest.

We seek your guidance and input to help us streamline the trip.

Thanking you!

Best regards,

M. Salome John 20/3/2024
(M Salome John)

Convener

Mikrobiologika

Department of Microbiology

Ram Lal Anand College, University of Delhi

Phone number: 8860504883

25th - 28th April
2024
Approved
Nalga/PT5
20/3/24

www.rlacollege.edu.in

Benito Juarez Road, New Delhi- 110021 (India)

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TO WHOMSOEVER IT MAY CONCERN

This is to inform you that a group of 23 third year students (16 girls and 7 boys) pursuing B.Sc.(H) Microbiology and 4 faculty members at the Department of Microbiology, Ram Lal Anand College, University of Delhi are travelling to Patiya Village cluster, Almora, (as adopted by the college), in order to carry out a Science Outreach Program titled “ सूक्ष्मजीवों से परिचय ” for high school students in the village. For this purpose, they will be carrying 2 microscopes, foldscopes, slides, coverslips, stains and some preserved sealed microbial samples. Kindly allow them to carry the material required for the outreach event. The list of students and faculty is attached.

Dates of the event & travel : 25th Apr 2024 - 28th Apr 2024.


Principal 24/4/24

(Prof. Rakesh Kumar Gupta)

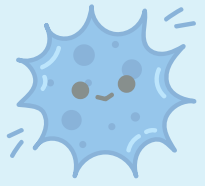
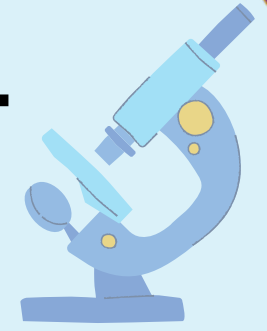
प्राचार्य / Principal

रामलाल आनन्द महाविद्यालय
Ram Lal Anand College
दिल्ली विश्वविद्यालय / University of Delhi
बेनिटो हुआरेज़ रोड, नई दिल्ली-110021
Benito Juarez Road, New Delhi-110021

	Name	Male/Female	Phone	Food	Age
Ram Lal Anand College, University of Delhi					
Mikrobiologika, Department of Microbiology					
Almora Outreach Program for Krishi IC Vijaypur, Patiya students (25 April 2024-28 April 2024)					
Almora_Student and Faculty Details					
GIRLS (16)					
S.No.					
1	Rakhi Kumari	F	8287243828	veg	23
2	Yashasvi	F	9873709009	veg	20
3	Swati Mishra	F	8303162868	veg	20
4	Diksha Semwal	F	7417309487	veg	20
5	Jyoti	F	9588741979	Veg	20
6	Kaushiki Dutta	F	9968611464	Non Veg	21
7	Diya Behwal	F	9310098447	veg	20
8	Sakshi Verma	F	8882470380	veg	21
9	Deepansha Raina	F	8700067984	veg	22
10	Sneh Priya	F	8512097195	veg	20
11	Ashima George	F	8273399929	Non Veg	20
12	Ashita Singh	F	9896325178	veg	20
13	Kalash Handoo	F	9906039405	Veg	21
14	Shreya Sain	F	6264571625	Non Veg	21
15	Tuba	F	6386447816	veg	21
16	Radhika	F	8287641063	veg	20
BOYS (7)					
17	Rishav Kalita	M	8135802370	Non Veg	21
18	Devansh Kumar	M	9319156112	veg	20
19	Gaurav	M	8527229926	veg	21
20	Priyansh Rastogi	M	8707511846	Non Veg	21
21	Dhananjay Singh	M	9301695104	veg	21
22	Hardik Singh	M	8619573085	Veg	21
23	Harsh Charak	M	7006198241	veg	20
FACULTY (4)					
24	Prof Prerna	F	9871290711	vegetarian	53
25	Prof Vandana	F	7838004880	vegetarian	52
26	Dr Nidhi Verma	F	9528498280	vegetarian	33
27	Dr M Salome	F	8860504883	vegetarian	51
A total of 23 students and 4 faculty members. Group size is 27					



राम लाल आनंद महाविद्यालय दिल्ली विश्वविद्यालय



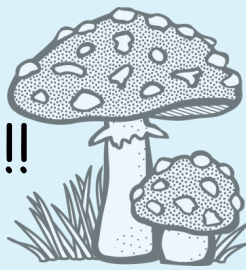
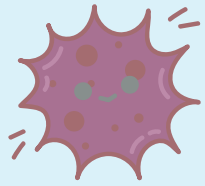
माइक्रोबायोलॉजिका सूक्ष्मजीवविज्ञान विभाग

द्वारा

कृषि इंटर कॉलेज विजयपुर पातिया हाई स्कूल,
अल्मोड़ा
के छात्रों के लिए आयोजित

"सूक्ष्मजीवों से परिचय"

उन्हें देखें और उनके महत्व को समझें !!
दिनांक: 26th अप्रैल 2024



Prof. Vandana Gupta
Teacher-in-charge

Prof. Prerna Diwan
IQAC, Coordinator

Dr. M. Salome John
Convenor, Mikrobiologika

Prof. Rakesh Kumar Gupta
Principal, RLAC

Organizing Committee: Dr. Sudha Chaudhry, Dr. Sunila, Dr. Nidhi S Chandra, Dr. Nidhi Verma, Dr. Shalini Swami.

mikrobiologika2023@rla.du.ac.in

[mikrobiologika_rlac](https://www.instagram.com/mikrobiologika_rlac)

Student Organizers: Deepansha Raina
Sneh Priya Gaurav, Devansh Kumar

Outreach Trip to Patiya Village Cluster, Almora

Event Report

DEPARTMENT: Department of Microbiology, Ram Lal Anand College

NATURE OF THE EVENT: On-Site Outreach

DATE AND DURATION: 25th April 2024 to 28th April 2024 (4 days)

VENUE/ MODE: Krishi Inter College, Vijaypur Patiya High School Almora
263601

NUMBER OF PARTICIPATING STUDENTS, MIROBIOLOGIKA: 23
(attached with report)

NUMBER OF BENEFICIARIES: 60

NUMBER OF PARTICIPATING FACULTY MEMBERS: 4

BRIEF SUMMARY OF THE EVENT:

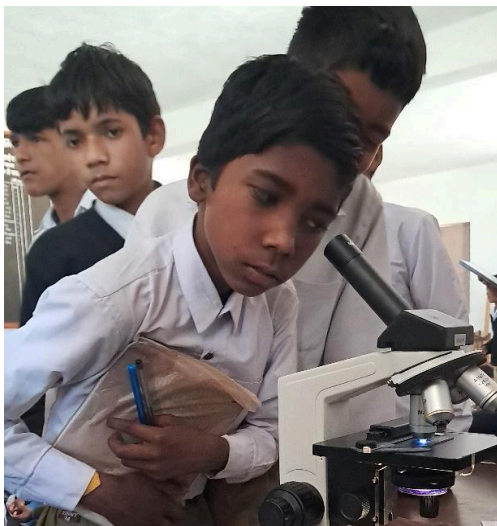
On April 26th, 2024, an On-site Outreach Program was conducted in Krishi Inter College, Vijaypur Patiya High School, Almora 263601 aimed at introducing local students to the fascinating world of microbes and highlighting some beneficial microbes.

This program was organized by MikroBiologika, The Department of Microbiology, Ram Lal Anand College, University of Delhi. A team of 23 students and four faculty members from the Department visited the Patiya village cluster adopted by our college and stayed there for two days to get acquainted with the local conditions and people. All necessary permissions (find attached with this report), parental consent and student undertakings were taken prior to the trip at the time of Registration (stored in the Mikrobiologika drive as part of the Registration form responses). We traveled to Kathgodam by train and proceeded onwards by a local bus.

The objective of the outreach event was to spark interest in microbiology among young students and educate them on the significant roles microbes play in everyday life. The outreach program was structured into an interactive session for

all high school children present on the 26th of April 2024 (**approximately, 60 beneficiary students**) hands-on activity of slide preparation and viewing of the microscopic realm through the Microscope.

We took along two microscopes, foldscopes, microbial samples, permanent slides, temporary mounts, stains etc. and donated the foldscopes and supplies for future use. The exercise was mutually enjoyable and not only educated students about the microbial world but also inspired a sense of wonder and curiosity. The outreach program also served as an opportunity for our students to experience life in a remote village in India, especially the difficult mountain terrain and extend hands in empathy and compassion to build a brighter future where all individuals thrive.





Event Poster





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माइक्रोबायोलॉजिका सूक्ष्मजीवविज्ञान विभाग

द्वारा

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Feedback of Almora Outreach Trip

Access to home stays was very bad and a bit dangerous too. Local transport was of poor quality and the bus driver and conductor were very non-cooperating. They forced us to eat at places where their commission was fixed, in spite of telling them repeatedly that none of the students' and teachers wanted to eat at those places. We were at their mercy.

On day two the bus driver was not experienced enough and the bus scraped against the mountain side on one occasion and with a side rail on another occasion during descent into the valley. Overall we found that small cabs were better to travel on the narrow and difficult hilly terrain of Almora than buses, in terms of maneuvering, parking and the ability to reach the destination with ease.

The worst part was that the students were scattered over three home stays which were quite far from each other and therefore the spirit of a group trip was completely lost. Moreover, teachers couldn't keep a track of the students. Staying together as a group would have made the trip a whole lot more enjoyable.

The food and arrangements were better in Trishul as compared to Panchachuli. Nevertheless, all students concurred that Almora gave them memories to cherish for a lifetime. They learnt to empathize with people living in villages and in the mountains where day to day life is fraught with many hardships. The learnt to enjoy the process despite the difficulty involved. Overall, the trip had been an enriching experience.



