



SUPPORTING DOCUMENTS

3.2.2

NUMBER OF WORKSHOPS/SEMINARS CONDUCTED ON RESEARCH METHODOLOGY, INTELLECTUAL PROPERTY RIGHTS (IPR) AND ENTREPRENEURSHIP DURING THE YEAR



Hands on training workshop on Gene Cloning

Objectives:

The key objectives of the workshop were:

1. To familiarize participants with the principles of gene cloning.
2. To provide an understanding of various gene cloning techniques.
3. To offer practical training in the laboratory techniques involved in gene cloning.
4. To explore the applications of gene cloning in modern science and industry.
5. To facilitate discussions on ethical considerations related to gene cloning.

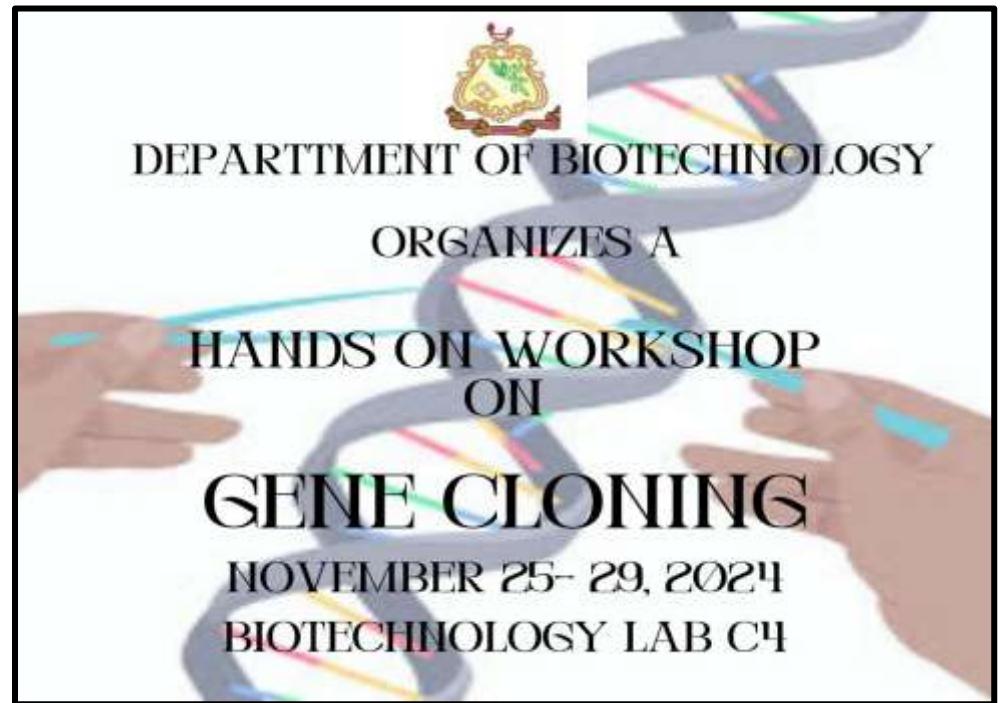
A five-day workshop on Gene Cloning was organized by Department of Biotechnology from November 24- 29, 2024. The workshop aimed to provide a comprehensive understanding of gene cloning techniques, which are fundamental in molecular biology and biotechnology. Participants included students of B.Sc. (Hons.) Biotechnology 2nd and 3rd year who were keen to explore the intricacies of gene cloning, its methodologies, and its applications in various fields like medicine, agriculture, and environmental science.

The workshop was structured to offer a balance of theoretical knowledge and practical hands-on experience. Dr. Shruti Gupta, assistant professor, department of biotechnology, guided the participants throughout the sessions, which covered everything from the basics of DNA manipulation to advanced cloning techniques.

Outcomes:

The students

1. Gained hands-on experience in gene cloning techniques and laboratory practices.
2. Developed an understanding of various gene cloning and expression systems.
3. Acquired technical skills in DNA extraction, transformation, and protein purification.
4. Learned the applications of gene cloning in biotechnology, medicine, and agriculture.
5. Gained awareness of ethical issues surrounding gene cloning and genetic modification.



Brochure



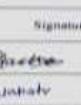
Hands on training workshop on 'Gene Cloning' (November 25-29, 2024)



Hands on training workshop on 'Gene Cloning' (November 25-29, 2024)

 *Department of Biotechnology
St. Bede's College, Shimla*

Hands on Workshop on Gene Cloning
Attendance Sheet
Date: November 25-29, 2024

S.No.	Name	Class	Signature
1.	Aastha Kaur	BioTech - II	
2.	Shalakshi Sawat	BioTech - II	
3.	Jasvee Verma	BioTech - II	
4.	Sakshi Chauhan	BioTech - II	
5.	Anushita	BioTech - II	
6.	Rishabh Chauhan	BioTech - II	
7.	Ranama	BioTech - II	
8.	Angeline Nader	BioTech - II	
9.	Niyati Sharma	BioTech - II	
10.	Anurika Bhakare	BioTech - II	
11.	Mounika	BioTech - II	
12.	Anusara	BioTech - II	
13.	Wadhavir Sharma	BioTech 3rd year	
14.	Sahil Thakur	BioTech 3rd year	

*29/11/24
St. Bede's College
Shimla*

Attendance Sheet



Department of Biotechnology
St. Bede's College, Shimla

15	Akanksha Sharma	BSC. Hons Biotech III year	Akanksha
16	Aditi Suman	B.Sc (Hons) Biotech III year	Aditi
17	Kanan Sharma	BSC (Hons) Biotech III year	Kanan
18	Neetika Kumar	BSC (Hons) Micro. III year	Neetika
19	Srividya Kaurwal	BSC. Biotech (Hons) III year	Srividya
20	Anchal Kaur	BSC. Biotech (Hons) III year	Anchal
21	Anni Thimgte	BSC (Hons) Biotech III year	Anni
22	Priya Thakur	" "	Priya
23	Yashika Sharma	" "	Yashika
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roll no
29/4/24
Principal
St. Bede's College
Shimla

Attendance Sheet