

Dayanand College Hisar

Department of Biotechnology

PROJETS AND INTERNSHIPS UNDERTAKEN DURING THE YEAR 2018-19

PROJECT TITLE	No. of Students Enrolled for projects and Trainings
Project training of 21 days on Enhancing Crop productivity through Biotechnological Tools and Techniques in the Department of Molecular Biology, Biotechnolgy& Bioinformatics, College of Basic Sciences & Humanities,CCS HAU,Hisar	1
Project training of 21 days on Various Molecular Biological techniques and antimicrobial activity of Aloe Vera at Department of Bio &Nanotechnology Centre, GJUS & Technology, Hisar	1
Taining on molecular breeding and plant tissue culture approaches for crop improvement at Deptt of Molecular Biology,Biotechnology and Bioinformatics.CCShAU Hisar	9
Project training on "General techniques in Plant Tissue Culture" at Centre for Plant, Biotechnology, CCShAU Campus, Hisar	1

<p>21 days project training from 5th feb to 25th Feb 2019 on Cell Culture Based Molecular Biology at Dept. of Animal Biotechnolgy, college of Veterinary Sciences, Hisar.</p>	<p>1</p>
<p>Project training of six weeks from May 28 to July 15, 2019 on Isolation and Characterization of Acetic Acid bacteria from various decomposed Fruits: Banana, Orange, Pear at Deptt of Biotechnology, DN College, Hisar.</p>	<p>6</p>
<p>Project training of six weeks from May 28 to July 15, 2019 on Analysis of Rhizobia from Root nodules of <i>VignaRadiata</i> at Deptt of Biotechnology, DN College, Hisar.</p>	<p>7</p>
<p>Project training of six weeks from May 28 to July 15, 2019 on Effects of different Sterilizing agents on in vitro culturing of cotton seeds at Deptt of Biotechnology, DN College, Hisar.</p>	<p>8</p>

STUDENTS RESEARCH ACTIVITES (2019-2020)

S. No.	Project Title	Class	Number of Participant	Name of Institute	Month of Training
1	Isolation and characterization of acetic acid bacteria from various decomposed plants	M.Sc. I Sem	4	Dayanand College, Hisar	20 th April to 31 st May 2020
2	Morphology and biochemical analysis of rhizobia from rot nodules of mung bean (<i>Vigna radiata</i>)	M.Sc. I Sem	4	Dayanand College, Hisar	April-May 2022
3	Characterization of Rhizobial bacteria isolated from Root nodules of Pisum Sativum	M.Sc. I Sem	4	Dayanand College, Hisar	19 April-31 May 2022
4	Effect of different concentrations of growth regulation on in-vitro culture of rice	M.Sc. I Sem	2	Dayanad College, Hisar	13 July-12 August 2022
5	Effect of different growth regulators on <i>in-vitro</i> propagation of <i>Brassica napus</i>	M.Sc. I Sem	2	Dayanand College, Hisar	July- August 2022

STUDENTS RESEARCH ACTIVITES (2020-2021)

S. No.	Project Title	Class	Number of Participant	Name of Institute	Month of training
1	Recent techniques in nucleic acid based diagnostics and cell culture".	M.Sc. II (III Sem)	16	College of Veterinary Sciences, Lala Lajpat Rai University of Veterinary and Animal Sciences	11 Jan. To 31 Jan. 2021
2	Techniques in Biofertilizer Production	M.Sc. I (II Sem)	10	Habitat Genome Improvement Primary Producer Co. Ltd. HAU, Hisar	20 Sept. 2021 to 19 Oct. 2021
3	Techniques in Molecular Biology	M.Sc. I (II Sem)	10	Department of Animal Biotechnology, LUVAS, Hisar	9 Sept. 2021 to 8 Oct. 2021

STUDENTS RESEARCH ACTIVITIES (2021-2022)

S. No.	Project Title	Class	Number of Participant	Name of Institute	Month of Training
1	Techniques in Biotechnology and Microbiology	M.Sc. IV Sem	13	Habitat Genome Improvement Primary Producer Co. Ltd. HAU, Hisar	20 April - 31 May 2022
2	Training in Manglam Diagnostics, Hisar	M.Sc. IV Sem	4	Manglam Diagnostics, Hisar	April-May 2022
3	Hands on Training in the Department of Molecular Biology	M.Sc. IV Sem	2	Times Paths Lab. Private Limited, Gurgaon.	19 April-31 May 2022
4	Techniques in Molecular Biology	M.Sc. II Sem	11	Department of Animal Biotechnology, LUVAS, Hisar	13 July-12 August 2022
5	Training in Manglam Diagnostics, Hisar	M.Sc. II Sem	4	Manglam Diagnostics, Hisar	July- August 2022
6	Biofertilizer Production and Technology	M.Sc. II Sem	2	Ambala College of Engineering and Applied Research, Ambala	12 July-14 August 2022
7	Fundamental and Advance Bioinformatics	B.Sc. Final Year	4	Rapture Biotech, Noida	22 June -22 July 2021

List of students
M.Sc. Biotechnology III sem.
In plant/ Summer training BTT 595
Session 2022-23

S. No.	Name	Roll. No.	Title	Institute/Organization	Date
1	Priya Yadav	213040920001	Techniques in Molecular Biology	Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar	July, 2022 to August, 2022
2	Samta	213040920003	Biofertilizer Production and technology	Ambala College of Engineering & Applied Research, Ambala	July, 2022 to August, 2022
3	Asha	213040920004	Diagnostic test and clinical pathology	Mangalam Diagnostics, Hisar	July, 2022 to August, 2022
4	Priyanka	213040920005	Diagnostic test and clinical pathology	Mangalam Diagnostics, Hisar	July, 2022 to August, 2022
5	Sushmita	213040920006	Biofertilizer Production and technology	Ambala College of Engineering & Applied Research, Ambala	July, 2022 to August, 2022
6	Jyoti	213040920008	Diagnostic test and clinical pathology	Mangalam Diagnostics, Hisar	July, 2022 to August, 2022
7	Manisha	213040920009	Diagnostic test and clinical pathology	Mangalam Diagnostics, Hisar	July, 2022 to August, 2022
8	Pooja Devi	213040920010	Techniques in Molecular Biology	Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar	July, 2022 to August, 2022
9	Babli	213040920011	Techniques in Molecular Biology	Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar	July, 2022 to August, 2022
10	Arti	213040920013	Techniques in Molecular Biology	Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar	July, 2022 to August, 2022

11	Rita	213040920014	Techniques in Molecular Biology	Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar	July, 2022 to August, 2022
12	Sourabh	213040920016	Techniques in Molecular Biology	Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar	July, 2022 to August, 2022
13	Nandini Sharma	213040920018	Techniques in Molecular Biology	Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar	July, 2022 to August, 2022
14	Ramesh	213040920019	Techniques in Molecular Biology	Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar	July, 2022 to August, 2022
15	Rahul	213040920020	Techniques in Molecular Biology	Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar	July, 2022 to August, 2022
16	Jyoti	213040920021	Techniques in Molecular Biology	Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar	July, 2022 to August, 2022
17	Kiran	213040920022	Techniques in Molecular Biology	Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar	July, 2022 to August, 2022
18	Sarita	213040920023	Techniques in Molecular Biology	Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar	July, 2022 to August, 2022

List of students
M.Sc. Biotechnology 2nd Year (IV sem.)
Industrial/Research Training BTT 600
Session 2022-23

S. No.	Name	Roll. No.	Title	Institute/Organization	Date
1	Priya Yadav	213040920001	PCOD: Diagnosis and treatment	Chhabra Hospital, Hisar	Jan, 2023 to March, 2023
2	Samta	213040920003	Morphological and Biochemical analysis of <i>Rhizobia</i> from root nodules of <i>Vigna radiata</i>	Dayanand College, Hisar	Feb, 2023 to April, 2023
3	Asha	213040920004	Laboratory Diagnostic Techniques of HIV & hepatitis C infection	Maharaja Agarsen District Civil Hospital, Hisar	Jan, 2023 to March, 2023
4	Priyanka	213040920005	Clinical diagnostic techniques for detection of Malaria and Tuberculosis	Mangalam Diagnostics, Hisar	Jan, 2023 to March, 2023
5	Sushmita	213040920006	Isolation and characterization of lactobacillus from diaries products	Dayanand College, Hisar	Feb, 2023 to April, 2023
6	Jyoti	213040920008	Effects of biofertilizer and chemical fertilizer on wheat	Habitat Genome improvement primary producer company ltd., Hisar	Jan, 2023 to March, 2023
7	Manisha	213040920009	Management of kidney disease	Paras Diagnostic Laboratory & X-Ray, Rohtak	Jan, 2023 to March, 2023
8	Pooja Devi	213040920010	Isolation and characterization of amylase producing microorganisms from various samples	Dayanand College, Hisar	Feb, 2023 to April, 2023
9	Babli	213040920011	Formulation & Validation of herbal cream from Rosa rubiginon petal extract & its antimicrobial activity against skin disease causing bacteria	Rapture Biotech, Mohali	Jan, 2023 to March, 2023
10	Kulbeer	213040920012	Morphological and biochemical identification of amylase producing bacteria from water samples	Rapture Biotech, Mohali	Jan, 2023 to March, 2023
11	Arti	213040920013	Prevalence, awareness, control, methods of diabetes mellitus: statistical analysis	Nalwa Laboratories Pvt. Ltd., Hisar	Jan, 2023 to March, 2023

12	Rita	213040920014	Detection of <i>Candida</i> sp. from diabetic and non-diabetic patients	Nalwa Laboratories Pvt. Ltd., Hisar	Jan, 2023 to March, 2023
13	Vikas	213040920015	Biological screening of Strawberry for production and validation of flavored yoghurt using probiotic bacteria	Rapture Biotech, Mohali	Jan, 2023 to March, 2023
14	Sourabh Sharma	213040920016	Tuberculosis testing in pathology	Chhabra Hospital, Hisar	Jan, 2023 to March, 2023
15	Nandini Sharma	213040920018	Preparation of nutritional enriched pineapple jam & compare its physiological properties with market jam	Rapture Biotech, Mohali	Jan, 2023 to March, 2023
16	Ramesh Kumar	213040920019	To study the antimicrobial activity of leaf extract <i>Azadirachta indica</i>	Rapture Biotech, Mohali	Jan, 2023 to March, 2023
17	Rahul	213040920020	Adulteration & qualitative analysis of different species products according to FSSAI guidelines	Rapture Biotech, Mohali	Jan, 2023 to March, 2023
18	Jyoti	213040920021	Blood culture and identification of bacteria by staining and biochemical analysis	Mangalam Diagnostics Pvt. Ltd. Hisar	Jan, 2023 to March, 2023
19	Kiran	213040920022	Techniques in production of Biofertilizers	Habitat Genome Improvement Primary Producer Company Ltd., Hisar	Jan, 2023 to March, 2023
20	Sarita	213040920023	Isolation of <i>E. coli</i> from urinary tract infection	Nalwa Laboratories Pvt. Ltd. Hisar	Jan, 2023 to March, 2023