



**Kanoria PG Mahila Mahavidyalaya, Jaipur
Department of Zoology**



Two days hands on workshop
**“ADVANCES IN MOLECULAR BIOLOGY
TECHNIQUES”**

Date: 5th - 6th August, 2022

**organised by
Escherichia Genomics Pvt. Ltd.,
New Delhi**

Kanoria PG Mahila Mahavidyalaya, Jaipur

Department of Zoology

Two Days' Hands-on Workshop on
Advances in Molecular Biology Techniques

(5th – 6th August, 2022)

Programme Plan

Date	Day	Time/ Duration	Session / Topic
Day-I (5 th August, 2022)	Friday	09:30 am to 04:00 pm	<ul style="list-style-type: none">• DNA/RNA Extraction from Plant, Blood, Hair and Fungal Algae and Bacterial Sample• DNA Electrophoresis and DNA Visualization
Day-II (6 th August, 2022)	Saturday	09:30 am to 04:00 pm	<ul style="list-style-type: none">• Molecular Marker Analysis and DNA Fingerprinting Techniques• Career Mantra Session• Research Paper Writing

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Participant Attendance Sheet (Students)

S. No.	Name of Participant	M.Sc. Zoology Semester (Kindly Tick Below)		Signature	
		Sem-II	Sem-IV	05-08-2022	06-08-2022
1.	Chainsee Saini	✓		Chainsee	Chainsee
2.	Bhanika Baweja	✓		Bhanika	Bhanika
3.	Sonali Soni		✓	Sonali	Sonali
4.	Siya Choudhary		✓	Siya	Siya
5.	Anshu Sharma		✓	Anshu	Anshu
6.	Aditi Tyagi	✓		Aditi	Aditi
7.	Tanu Chakradar	✓		Tanu	Tanu
8.	Aakanksha Kumari	✓		Aakanksha	Aakanksha
9.	Rishita Bhavsar	✓		Rishita	Rishita
10.	Manisha Yadav	✓		Manisha	Manisha
11.	Pooja Singh	✓		Pooja Singh	Pooja Singh
12.	Avani Bhargava	✓	✓	Avani	Avani
13.	Bhawana Sharma	✓		Bhawana	Bhawana
14.	Divya Jainini	✓		Divya	Divya
15.	Chelsea Agarwal	✓	✓	Chelsea Agarwal	Chelsea Agarwal
16.	Preema Sharma	✓		Preema	Preema
17.	Nidhi Dawsa	✓		Nidhi Dawsa	Nidhi Dawsa
18.	Prechi Dixit	✓	✓	Prechi	Prechi
19.	Pinki Kumari	✓		Pinki	Pinki
20.	Punisha	✓		Punisha	Punisha

Principal

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S. No.	Name of Participant	M.Sc. Zoology Semester (Kindly Tick Below)		Signature	
		Sem-II	Sem-IV	05-08-2022	06-08-2022
21	DEEPA	✓		<i>Deepa</i>	<i>Deepa</i>
22	NEHA KUMARI	✓		<i>NeHa</i>	<i>NeHa</i>
23	VARSHA VERMA	✓		<i>varsha</i>	<i>varsha</i>
24	ANJALI VERMA	✓		<i>anjali</i>	<i>anjali</i>
25	PRIYA YADAV		✓	<i>Priya yadav</i>	<i>Priya yadav</i>
26	SAPNA YADAV		✓	<i>Sapna Yadav</i>	<i>Sapna Yadav</i>
27	NEHA YADAV		✓	<i>neha</i>	<i>neha</i>
28	SADAF SAREEN		✓	<i>Sadaf</i>	<i>Sadaf</i>
29	Pooja Sharma	✓		<i>Pooja</i>	<i>Pooja</i>
30	Sudiksha Gaur	✓		<i>Sudiksha</i>	<i>Sudiksha</i>
31	Shivangili Sharma	✓		<i>Shivangili</i>	<i>Shivangili</i>
32	Nandini Tomar	✓		<i>Nandini</i>	
33	Gheetika Arora	✓	✓	<i>Gheetika</i>	<i>Gheetika</i>
34	LAKSHMI JANU	✓		<i>Laxmi</i>	<i>Laxmi</i>
35	PRACHI GAUTAM	✓		<i>Prachi</i>	
36	Sakshi Mittal		✓	<i>Sakshi</i>	<i>Sakshi</i>
37	Anukriti Pareek		✓	<i>Anukriti</i>	<i>Anukriti</i>
38	Saloni Agrawal		✓	<i>Saloni</i>	<i>Saloni</i>
39	Radhika Jain		✓	<i>Radhika Jain</i>	<i>Radhika Jain</i>
40	Neha		✓	<i>Neha</i>	<i>Neha</i>

Principal

Kanoria PG Mahila Mahavidyalaya
JAIPUR

Report

“Two days hands on training program on Molecular Biology Techniques”

A workshop on **“Advanced Hands-on DNA on Molecular Biology Techniques and Molecular Marker Analysis Methods”** was conducted by Department of Zoology, Kanoria PG Mahila Mahavidyalaya in association with Escherichia Genomics Pvt. Ltd., New Delhi for Zoology postgraduate students on 5-6th August, 2022.

The main objective of the workshop was to strengthen the moving intelligence of student. It included changes in their mindset and thinking patterns, eliminating fears and identifying strengths and talents. Introduction of high standard biotechnology protocols provide them skills of biology experiments for their life time excellence in biology and increased job opportunity across the globe in biology fields.

Resource person for the workshop was V. K. Singh (Director, Escherichia Genomics Pvt. Ltd). He described advance practical skills about all kind of DNA Isolation, Agarose Gel Electrophoresis, DNA Photography & Gel Documentation, DNA Fingerprinting & Analysis Methods, Molecular Marker Analysis, DNA Isolation Kit Development, Chemical / Buffer / Solution Preparation.

The main outcome of the workshop was that every student got an opportunity to do experiments individually and independently and practiced on their own on the instruments.

This workshop provided a platform for students to stay competitive, upgrade skills, prepared themselves for startup, increase productivity, promote continuous improvement and build confidence in development of high standard skills, thought, and concepts to leads independent research/ thesis/ & development.

42 students along with faculties participated in the workshop and each of them got certificate. At, the end of the workshop feedback forms were filled by the students. The workshop was highly beneficial and appreciated by the participants.



Principal

Kanoria PG Mahila Mahavidyalaya
JAIPUR

Two Days Hands on Workshop on “Advanced Molecular Biology Techniques”

Date: 5 & 6th August, 2022

Resource Person:

V. K. Singh, Director, Escherichia Genomics Pvt. Ltd
New Delhi





GPS Map Camera



Jaipur, Rajasthan, India

Kanoria Pg Mahila Mahavidyalaya Main Campus, Kanoria Pg Mahila Mahavidyalaya,
Jawahar Lal Nehru Marg, Bapu Nagar, Jaipur, Rajasthan 302015, India
Lat 26.886255°
Long 75.81197°
06/08/22 02:09 PM



GPS Map Camera



Jaipur, Rajasthan, India

VRP6+8P6, Jawahar Lal Nehru Marg, Near Gandhi Circle - Kanodiya Bus
Stop, Bapu Nagar, Jaipur, Rajasthan 302004, India
Lat 26.885914°
Long 75.812008°
06/08/22 03:50 PM