



Kanoria
PG Mahila
Mahavidyalaya
Jaipur

14. Advanced Hands on DNA Workshop on Molecular Biology Techniques and Molecular Marker Analysis Methods

Date: 29-09-2018

1. Brochure:

(Biology Excellence & Life Time Skills Program)

Department of Zoology
Kanoria PG Mahila Mahavidhyalaya
Jaipur
Organising

**ADVANCE HANDS ON DNA WORKSHOP
ON MOLECULAR BIOLOGY TECHNIQUES AND MOLECULAR MARKER
ANALYSIS METHODS**

Date: 29th September, 2018

Resource Person
V. K. Singh
Director, E.G.P. Ltd., New Delhi

Coordinator
Dr. Shipra Goyal
Assistant Professor

Convenor
Dr. Ratna Saxena
Head

Escherichia Genomics

PRINCIPAL
KANORIA PG MAHILA MAHAVIDYALAYA
JAIPUR

2. List of resource person/guests:


1. Mr. V.K. Singh, Director, EGP Ltd., New Delhi

3. Geotagged photograph of the event:




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 26.88593, 75.81189

Mr. V.K. Singh Explaining the Analytical Methods



 26.88593, 75.81189

Doubt Clearing Session with Participants

Report

“Advanced Hands-on DNA Workshop”

A workshop on **“Advanced Hands-on DNA on Molecular Biology Techniques and Molecular Marker Analysis Methods”** was conducted by Department of Zoology in association with Escherichia Genomics Pvt. Ltd., New Delhi for both Zoology and Botany post-graduate students on 29th September, 2018.

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.

Around 55 students 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.