

Two Days Hands-on Workshop on “Immuno-techniques, based on Antigen-Antibody (Ag-Ab) Interactions” organized by Department of Zoology, Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme

June 13-14, 2018

REPORT

A two-day Hands-on Workshop on “Immuno-techniques, based on Antigen-Antibody (Ag-Ab) Interactions” was organized for students of B.Sc. (Hons.) Zoology and B.Sc. Life Sciences of our own college by Department of Zoology, Deen Dayal Upadhyaya College (university of Delhi) under the aegis of DBT Star College Scheme on June 13-14, 2018. A total of 20 students were registered for the workshop out of which 16 students could attend the same. The workshop was intended to provide a hands-on experience to students about immunological techniques being taught in theory but not practically, due to lack of funds. These techniques involved were, immunoelectrophoresis, double immunodiffusion (Ouchterlony method), single radial immunodiffusion (Mancini’s method) and enzyme linked immunosorbent assay, ELISA (sandwich method). These techniques are widely used in research and diagnosis and hence provide a good learning exposure to undergraduate students.

The workshop started on June 13, 2018 with a brief introduction about antigen, antibody and their interactions. Dr. Anita Gulati from Department of Zoology introduced these techniques briefly to students. Firstly, immunoelectrophoresis was performed by students followed by double immunodiffusion. On June 14, 2018, radial immunodiffusion and sandwich ELISA were performed by students. At last, students submitted their feedback wherein they expressed their willingness for many more such workshops in future.

This workshop was convened by Dr. Anita Gulati and Dr. Renu Solanki from Department of Zoology who also acted as resource persons along with Dr. Sudhir Verma, Dr. Krishna Bansal and Dr. Kamlesh Kumari. The organizers express their gratitude to Dr. Manoj Saxena, Coordinator, DBT Star College Scheme and Dr. S. K. Garg, Principal, Deen Dayal Upadhyaya

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College for their kind support. The funds received from DBT under Star College Scheme are highly acknowledged.

Some glimpses of the workshop



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Clockwise: Dr. Anita Gulati, introducing the immune-techniques to students, students performing ELISA, Group photograph of the students with Dr. S.K. Garg (Principal) and other dignitaries, students performing immunodiffusion.

Banner of the workshop

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Department of Zoology
under the aegis of
DBT STAR College Scheme

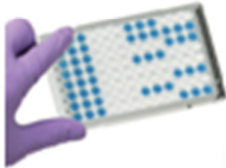


Organizes

Two- Days Hands-on Workshop

on

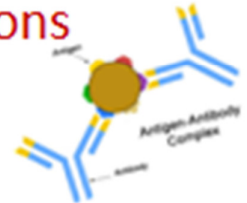
**Immuno-techniques, based on
Antigen-Antibody (Ag-Ab) Interactions**



on **June 13th & 14th, 2018**

(09:00 am-04:00 pm)

at **Department of Zoology Laboratories (Room No. 206 & 207)**



Event Conveners
**Dr. Anita Gulati &
Dr. Renu Solanki**

**Convener-DBT Star
Scheme (Zoology)**
Dr. Sudhir Verma

**Coordinator-DBT
Star Scheme**
Dr. Manoj Saxena

Principal
Dr. S. K. Garg

Teacher in-charge (Zoology)
Dr. Lathika Nair

*Two Days Hands-on Workshop on "Immuno-techniques, based on Antigen-Antibody (Ag-Ab) Interactions" on
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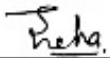


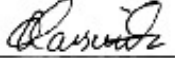
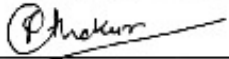
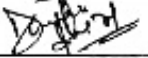
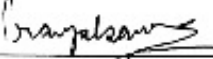
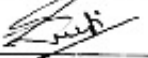
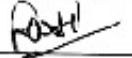
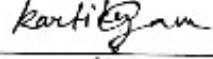

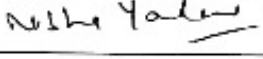

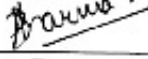
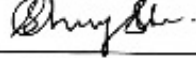

List of Participants

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June 13-14, 2018**

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Department of Zoology under the aegis of DBT Star College Scheme

List of Participants

S.No.	Name	Course	Semester	Signature
1	Sneha Bisht	B.Sc. Hons. Zoology	IV	
2	Nikhil Dhiman	B.Sc. Hons. Zoology	IV	
3	Pooja Sharma	B.Sc. Hons. Zoology	VI	—
4	Abhay Verma	B.Sc. Hons. Zoology	IV	
5	Ojaswita Toppo	B.Sc. Hons. Zoology	IV	
6	Rupali Thakur	B.Sc. Hons. Zoology	IV	
7	Devyani Sharma	B.Sc. Hons. Zoology	IV	
8	Pranjal Saxena	B.Sc. Life Science	IV	
9	Swati Gupta	B.Sc. Life Science	IV	
10	Bharti Sharma	B.Sc. Life Science	IV	
11	Kartikey Gaur	B.Sc. Life Science	IV	
12	Sonali	B.Sc. Life Science	IV	
13	Nisha Yadav	B.Sc. Hons. Zoology	IV	
14	Parul Khurana	B.Sc. Hons. Zoology	IV	—
15	Sheetal Rao	B.Sc. Hons. Zoology	IV	
16	Rupesh	B.Sc. Life Science	IV	
17	Shreenya Sharma	B.Sc. Hons. Biochem.	IV	
18	Nidhi Maurya	B.Sc. Life Science	IV	
19	Himani	B.Sc. Life Science	VI	—
20	Samridhhi	B.Sc. Hons. Zoology	IV	—