

PDEA'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist.-Pune
(2022-23)

Training Program on
'Chromatographic Techniques and Basic techniques in Molecular Biology'
for T.Y.B.Sc. Students

(Under DBT STAR scheme)

Organised by

Waghire College, Saswad in collaboration with
MakelIntern and E-CellJIT
Kharagpur.

The department of Microbiology had organized two days training program for T.Y.B.Sc. Students in collaboration with MakeIntern and E-Cell ITKharagpur. Fifty-four T.Y.B.Sc. students participated in the training session. T.Y.B.Sc. microbiology students are learning about different types of chromatographic and molecular biology techniques as a part of their curriculum. If they could get hands on experience of the same it would be easier to understand the concepts.

On 3rd October 2022, in the inaugural function, MS. V. N. Ganvir compared the ceremony. Smt. H. V. Sonawane introduced the idea of the training program. Mrs. Manasi Joshi introduced the guest Dr. B. Banerjee. Then Principal Dr. Sushama Bhosale felicitated the guest Dr. Devika Banerjee and gave her best wishes for the activity. Dr. Nita Patil expressed vote of thanks.

The organizing partner, MakelIntern, had provided two Mentors for conducting this program. On 3rd October 2022, Dr. Devika Banerjee had conducted session on Chromatographic Techniques. In the beginning she introduced students to basic principles of chromatography, its types and the application. Then she briefed about Thin Layer Chromatography and its advantages. In hands-on session students learnt about how to prepare solvent system, load sample on TLC sheet and develop it. In the afternoon session they were introduced to different types of column chromatographic techniques and their application in different fields such as protein/enzyme purification, pharmaceutical industries for the purification of various products. In hands on session, they performed one type of column based on Molecular sieving chromatography principle and the separation of sample was performed.

On second day of program, i.e. on 4th October 2022, second Mentor Dr. Chinmoy Patra Scientist from Aagharkar Research Institute, Pune had visited college to conduct session on, 'Basictchniques in Molecular Biology. In his session he introduced students with various laboratory animals used for testing purposes and lastly he talked about Zebrafish as model which is been used widely for the testing purpose because of its simple anatomical structure. He showed students the larvae of Zebrafish and how easy it is to see various internal structures of the animal because of the transparent skin. Students were very excited to see that. The whole training program was very exciting; full of knowledge, and students actively participated in all sessions.

H. Karawane
Head
Department of Microbiology
Waghire College, Saswad

Bhaty
Co-Ordinator
DBT- STAR College

[Signature]
PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune

PDEA's
Waghire college of Art , Commerce & Science
Saswad .Tal- Purander,Dist - Pune
Organised By :- Microbiology Department(under DBT STAR Scheme 2022-23)
Hands on training on Chromatographic and molecular Biology techniques.
Attendance (03rd & 04th October 2022)

T.Y.B.Sc. (2022-23)

S.N.	Name of student	sign		S.N.		sign	
		3/10/22	4/10/22			03/10/22	04/10/22
1	BAHIRAT SUMIT	<i>Sumit</i>	<i>Sumit</i>	32	MHETRE ANKITA VIJAY	<i>ANKITA</i>	<i>ANKITA</i>
2	BARKADE PRASAD BALU	<i>Barkade</i>	<i>Barkade</i>	33	MORE ADITYA	<i>ADITYA</i>	<i>ADITYA</i>
3	BARKADE RUTVIK	<i>Barkade Rutvik</i>	<i>Barkade Rutvik</i>	34	MORE MAYUR SOMNATH	<i>MORE</i>	<i>MORE</i>
4	BHONGALE NIKITA	<i>A</i>	<i>A</i>	35	MULIK TANUJA JALINDAR	<i>TANUJA</i>	<i>TANUJA</i>
5	BORAWAKE ISHA ANIL	<i>I.A. Borawake</i>	<i>I.A. Borawake</i>	36	OMBALE SAYALI	<i>OMBALE</i>	<i>OMBALE</i>
6	BOTRE NEHA NAMDEV	<i>Botre</i>	<i>Botre</i>	37	PANGARE DIPALI	<i>PANGARE</i>	<i>PANGARE</i>
7	CHAVAN KUNAL	<i>Chavan</i>	<i>Chavan</i>	38	PANGARE TANUJA	<i>TANUJA</i>	<i>TANUJA</i>
8	CHIVHE VAISHNAVI	<i>Chivhe</i>	<i>Chivhe</i>	39	PAWAR GAURAV	<i>PAWAR</i>	<i>PAWAR</i>
9	Choudhari Rutik	<i>Choudhari</i>	<i>Choudhari</i>	40	PAWAR KARTIK	<i>K.R. Pawar</i>	<i>K.R. Pawar</i>
10	Dalvi Gorakh	<i>A</i>	<i>A</i>	41	PAWAR PRANAV	<i>PAWAR</i>	<i>PAWAR</i>
11	DESHPANDE ANAGHA	<i>Deshpande</i>	<i>Deshpande</i>	42	PAWAR SAKSHI	<i>PAWAR</i>	<i>PAWAR</i>
12	DHUMAL APEKSHA	<i>Dhumal</i>	<i>Dhumal</i>	43	PRAJAPATI MEENAKSHI	<i>PRAJAPATI</i>	<i>PRAJAPATI</i>
12	GAIKWAD POONAM	<i>A</i>	<i>A</i>	44	SHAIKH SEHABAJ	<i>SEHABAJ</i>	<i>SEHABAJ</i>
14	GAIKWAD SAKSHI	<i>S. Gaiwad</i>	<i>S. Gaiwad</i>	45	SHINDE PRASHANT	<i>SHINDE</i>	<i>SHINDE</i>
15	GAIKWAD SONALI	<i>A</i>	<i>A</i>	46	SHIRKE SANDIP TANAJI	<i>SANDIP</i>	<i>SANDIP</i>
16	GAVADE VISHAL	<i>Gavade</i>	<i>Gavade</i>	47	SURVE SAKSHI NITIN	<i>SAKSHI</i>	<i>SAKSHI</i>
17	GURAV VIRAJ VIJAY	<i>Gurav</i>	<i>Gurav</i>	48	TAKAWALE MAYURI	<i>MAYURI</i>	<i>MAYURI</i>
18	KALE PRATIK SANJAY	<i>Pratik</i>	<i>Pratik</i>	49	THOPATE RAVINA	<i>THOPATE</i>	<i>THOPATE</i>
19	KALE SALONI SANDEEP	<i>Saloni</i>	<i>Saloni</i>	50	TILEKAR SNEHAL	<i>SNEHAL</i>	<i>SNEHAL</i>
20	KALE SHWETA SANJAY	<i>Shweta</i>	<i>Shweta</i>	51	VEDPATHAK PRATIK	<i>PRATIK</i>	<i>PRATIK</i>
21	KAMTHE VAISHNAVI	<i>Kamthe</i>	<i>Kamthe</i>	52	VISHWAKARMA LAXMI	<i>LAXMI</i>	<i>LAXMI</i>
22	KAPARE YASH ARUN	<i>Yash Kapare</i>	<i>Yash Kapare</i>	53	YADAV RAVINA GORAKH	<i>YADAV</i>	<i>YADAV</i>
23	KAZI ALFIYA AJAJ	<i>Kazi</i>	<i>Kazi</i>	54	ZENDE TEJAL BAJIRAO	<i>T.B. Zende</i>	<i>T.B. Zende</i>
24	KHARADE SHWETA	<i>Kharade</i>	<i>Kharade</i>				
25	KHUTWAD VAIBHAV	<i>Vaibhav</i>	<i>Vaibhav</i>				
26	KOLTE TANUJA VIKAS	<i>Kolte</i>	<i>Kolte</i>				
27	KUL SHUBHAM DADASO	<i>KSD</i>	<i>KSD</i>				
28	KULKARNI MRUDULA	<i>Kulkarni</i>	<i>Kulkarni</i>				
29	MANE SRUSHTI AJIT	<i>A. Mane</i>	<i>A. Mane</i>				
30	MEMANE SOURABH	<i>Sourabh</i>	<i>Sourabh</i>				
31	MHETRE ADITYA SUNIL	<i>Mhetre</i>	<i>Mhetre</i>				

Hands on training on chromatographic techniques and Molecular Biology Techniques

3rd and 4th Oct 2022



GPS Map Camera



Google

Saswad, Maharashtra, India
923G+Q9F, Swarna Nagari, Saswad, Maharashtra 412301, India
Lat 18.354854°
Long 74.025662°
03/10/22 03:04 PM GMT +05:30



GPS Map Camera



Google

Saswad, Maharashtra, India
1stnd floor,POEA Waghere College, Swarna Nagari, Saswad,
Maharashtra 412301, India
Lat 18.354959°
Long 74.025826°
04/10/22 03:06 PM GMT +05:30



PUNE DISTRICT EDUCATION ASSOCIATION'S
**WAGHIRE COLLEGE OF ARTS, COMMERCE
AND SCIENCE, SASWAD**

Tal: PurandarDist: Pune 412301
NAAC Reaccredited with B++ Grade

Department of Microbiology

Organizes

*Training Program and Workshop on
"Chromatographic Techniques and Basic Techniques in Molecular Biology"*

On 3rd and 4th Oct 2022

CERTIFICATE

This is to certify that Mr. / Miss. /Mrs. Zende Tejal Bajirao Student has
actively participated in **Training Program and Workshop on "Chomatographic Techniques and Basic Techniques
in Molecular Biology"** organized by Department of Microbiology, PDEA's Waghire College of Arts, Commerce and
Science, Saswad on 3rd and 4th October 2022.

J. Benawan
Coordinator

P. B. B.
Principal