

**P.D.E.A.'S**  
**Annasaheb Magar Mahavidyalaya, Hadapsar, Pune-411028.**

**Department of Microbiology**

*Guest lecture and Hands on Training*

Venue: M. Sc. II Laboratory

Date: 13.10.2018

**PROGRAM**

Sr.No	Time	Plan
1.	10.00 am – 10.15 am	Welcome to Guest
2.	10.15 am – 12.00 pm	Guest lecture on “ <b>Flow cytometry</b> ” by <i>Dr. Nishant Vyas</i> (Director, IABRD, Pune)
3.	12.00 pm – 12.30 pm	Lunch
4.	12.30 pm - 01.30 pm	Demonstration of Instruments by IABRD institute at Research laboratory
5.	01.30 pm - 03.30 pm	PCR Hands on training
6.	03.30 pm - 04.00 pm	Vote of Thanks

*C. V. K. S.*

Head

Department of Microbiology  
Annasaheb Magar Mahavidyalaya  
Hadapsar, Pune - 411028



**Co-ordinator**  
**IQAC Committee**  
Annasaheb Magar Mahavidyalaya,  
Hadapsar, Pune-28.

*P. S. S.*

Principal

Annasaheb Magar Mahavidyalaya  
Hadapsar, Pune-411028.

**P.D.E.A.'s**  
**Annasaheb Magar Mahavidyalaya, Hadapsar, Pune-28**  
**Department of Microbiology (P.G.)**


**Notice**

**Date: 11/10/2018**

All the students of M.Sc. I and M.Sc. II of Microbiology department are hereby informed that a demonstration of **PCR, Western Blotting and FACS** is arranged by the Institute of Applied Biological Research And Development (A Division of Nirav Biosolutions Pvt.Ltd.) on 13<sup>th</sup> October, 2018 at 10.00 am in Microbiology department of our College. Attendance is compulsory.

  
**Head**  
**HOD**  
Department of Microbiology  
Annasaheb Magar Mahavidyalaya  
Hadapsar, Pune - 411028

  
**Co-ordinator**  
**IQAC Committee**  
Annasaheb Magar Mahavidyalaya,  
Hadapsar, Pune-28.

  
**Principal**  
Annasaheb Magar Mahavidyalaya,  
Hadapsar, Pune-411028.

o/c

**PDEA's Annasaheb Magar Mahavidyalaya**

**C 1- Activity Audit Report Year: 2018-2019**

**Departmental Activity**

**Date: 13.10.2018**

1. Title of activity group – a. Hands on training in Polymerase chain reaction  
b. Demonstration of PCR, Western blot apparatus and Cell counter .

Name of the organizer: Dr. Nishant Vyas (Director, Nirav Biosolutions Pvt.Ltd.)

2. Names of convenors and members –Dr. Patil N.N., Ms. Waghmode M.S.
3. Names of students of core committee –
  - Ms. Bulla Ashwini Gorakhnath (M.Sc. II)
  - Mr. Sankpal Rohan Vishnu(M.Sc. II)
4. Attach list of student members of the activity group (Faculty Wise and Degree/ Junior )
  - Ms. Pande Roshani (M.Sc.II)
  - Mr. Ghule Mayur (M.Sc.II)
  - Mr.Dhasade Akshay (M.Sc.II)
5. Aims and objectives of the activity group.
  - To learn the working of polymerase chain reaction instrument and western blot instrument.
  - To make students aware about the instrumentation
  - Data analysis of flow cytometry.
6. Was the activity calendar prepared? Yes / No : Yes
7. Functions / duties allotted to committee members:

<b>Name of the committee members</b>	<b>Duties/ Function allotted</b>
Dr. Patil N.N.	-Felicitation of guest -Introduction of guest
Ms. Waghmode M.S.	Organization of the event ( Stage decoration, breakfast and lunch for the guest)
Ms. Sherkar S.D.	Report preparation
Ms. Gajarmal K.M.	Certificate of Hands on training programme
Mr. Jedhe S.C.	Notice preparation , Invitation and thanks giving

	letters , Attendance report
Mr. Bargal R.G.	Stage decoration, Laboratory cleaning
Mr. Shinde S.D.	Arrangement of projector, Photography
Ms. Bulla Ashwini	Instruments arrangement
Mr. Sankpal Rohan Vishnu	Instruments arrangement
Ms. Pande Roshani	Instruments arrangement
Mr. Ghule Mayur	Instruments arrangement

8. Whether other members were co-opted? Yes/No if yes, list names and duties allotted. : NIL
9. Participation of audience  
 No. of Students – 70 ( 39 UG students, 31 PG students; 20 PG students were engaged in hands on training programme)  
 No. of Staff - 05  
 No. of Committee Members -11
10. Awards won (Mention The Level of Competition) attach list of achievers of national repute (Details Expected): NIL
11. Funds allotted for the activity Rs. : NIL
12. Funds utilised Rs. : NIL
13. Funds generated there sponsorship Rs. : NIL
14. Method of publicity of activity within college.: Display of notice on board
15. Publicity of Activity Report in Print /Electronic Media.: Nil
16. Activity report submitted to \_\_\_\_\_
- Principal / Vice Principal / Registrar : Nil
  - HODS for monthly report : Yes
  - Magazine: Nil
  - IQAC : Nil
17. Mode of feedback from students/teacher and action taken on it to improve. : Yes
18. How do your activities contribute to the mission and vision of the institution?  
 This activity enables students to gain the knowledge about sophisticated instruments which are used in industries. It is the primary step for industry based job training.

*Arleel*

*R. H. W.*  
**Co-ordinator**  
**IQAC Committee**  
 Annasaheb Magar Mahavidyalaya,  
 Hadapsar, Pune-28.

*P. H. S.*  
**PRINCIPAL**  
 Annasaheb Magar Mahavidyalaya  
 Hadapsar, Pune - 411 028.

**PDEA's Annasaheb Magar Mahavidyalaya, Hadapsar, Pune-28.**  
**Department of Microbiology Students Attendance (Date-13/10/2018)**  
**Demonstration of Western Blotting and FACS**  
**By Institute of Applied Biological Research And Development**  
**(A Division of Nirav Biosolutions Pvt.Ltd.) Baner, Pune-45.**

Sr. No.	M.Sc.-I	Sign
1	Bankar Vrishali Rajendra F	<del>Bankar</del>
2	Bhosale Komal Papat F	<del>Bhosale</del>
3	Bhosale Shivam Ganesh 13	S.G.B
4	Bhujbal Rushikesh Ekanath 13	BRF
5	Bura Navin Kmar 13	<del>Bhujbal</del>
6	Chaudhari Rutuja Rajendra 13	Ab
7	Chavan Krishna Rajendra 13	<del>Chavan</del>
8	Dahibhate Deepika Dnyaneshwar F	Ab
9	Desai Samruddhi Dattatray F	<del>Desai</del>
10	Dhawle Yogesh Bhaiyyaji F	Ab
11	Dhote Rupali Watsaraj F	Ab
12	Duduskar Pooja Sunil F	<del>Duduskar</del>
13	Gaikwad Ankita Subhash F	Ab
14	Gaikwad Priti Vitthal F	Ab
15	Gaikwad Priyanka Kundlik F	Ab
16	Gaikwad Rushikesh Arjun B	<del>Gaikwad</del>
17	Gundargi Sagar Shivappa B	Sagar
18	Jadhav Priyanka Santosh F	<del>Jadhav</del>
19	Jadhav Shubham Arun B	Jadhav
20	Jajtap Kajal Shivaji F	Kajal
21	Javalkar Nikita Nana F	<del>Javalkar</del>
22	Kambale Ashwini Govind F	Ab
23	Karne Akshay Prakash B	<del>Karne</del>
24	Konde Shivtej Jaysingh F	Ab
25	Kumbhar Sayali Dattatray F	<del>Kumbhar</del>
26	Mahadik Sayali Balkrushna F	MSB
27	Mane Shrutika Shankar F	Ab
28	Mengade Kanchan Ankush F	Ab
29	Mhaske Rajashree Maruti F	<del>Mhaske</del>
30	Naik Prathemesh Rangrao B	<del>Naik</del>
31	Nevase Sandip Dnyaneshwar B	Ab
32	Paigude Shubham Jawahar F	Ab
33	Patil Nivedita Nana F	<del>Patil</del>
34	Patrick Roger Paul B	<del>Patrick</del>
35	Pawar Poojaita Bhimrao F	<del>Pawar</del>
36	Pawar Shruti Kanchan F	Ab
37	Sayyad Azahar Anwar B	<del>Sayyad</del>
38	Shaikh Amir Sikandar B	<del>Shaikh</del>
39	Shelake Ashvini Baburao B	<del>Shelake</del>
40	Sole Deepali Shivaji F	<del>Sole</del>
41	Sonawane Rajashri Dnyaneshwar F	Ab
42	Suryawanshi Abhijeet M. B	Abhi
43	Ubale Rupali Uttam F	<del>Ubale</del>
44	Udavant Prachi Shashikant F	<del>Udavant</del>
45	Undre Nikita Vinod F	Ab
46	Vaghale Mahesh Jagannath B	<del>Vaghale</del>
47	Yadhav Akshay Shivaji F	Ab
48	Yadhav Dhanashri Adhikrao F	<del>Yadhav</del>

M - 14

F - 16

**PDEA's Annasaheb Magar Mahavidyalaya, Hadapsar, Pune-28.**  
**Department of Microbiology Students Attendance (Date-13/10/2018)**

**Demonstration of Western Blotting and FACS**

**By Institute of Applied Biological Research And Development**

**(A Division of Nirav Biosolutions Pvt.Ltd.) Baner, Pune-45.**

Sr. No.	M.Sc.-II	Sign	
1	Akkalagari Sneha Shrinivas	F	Sneha
2	Bagadi Mayur Shripad	F	Mayur
3	Bhadale Shraddha Suresh	F	Shraddha
4	Bhosale Prasad Popat	F	AB
5	Bhote Tejas Rohidas	F	AB
6	Bhujbal Ravina Rajendra	F	Ravina
7	Bulla Ashwini Gorakhnath	F	AB
8	Chandak Pavan Shankarlal	F	AB
9	Chaudhari Kavita Uttam	F	AB
10	Chavan Somanath Rajendra	F	Chavan
11	Datir Ashish Wasudeorao	F	Ashish
12	Dhasade Akshay Yuvaraj	F	Akshay
13	Divekar Akshay Balasaheb	F	Akshay
14	Futane Abhishek Shankar	F	Abhishek
15	Gaikwad Gaufrav Kamalakar	F	Gaufrav
16	Galande Rutuja Dilip Galande	F	Rutuja
17	Ghodekar Anuradha Sharad	F	Anuradha
18	Ghule Mayur Anil	F	AB
19	Gole Akshata Ramesh	F	Akshata
20	Gorde Pradnya Vijay	F	Pradnya
21	Goud Sambhaji Ananda	F	Sambhaji
22	Gupta Kajal Sanjay	F	Kajal
23	Gurav Surbhi Ravindra	F	Surbhi
24	Indalkar Pravin Jaysing	F	Pravin
25	Jarande Kajal Shivaji	F	Jarande
26	Kalbhori Shweta Dattatray	F	Shweta
27	Kodd Shruti Appasaheb	F	Shruti
28	Kulkarni Sandesh Suhas	F	Sandesh
29	Kumbhar Bipin Ananda	F	Bipin
30	Kumbhar Kavita Arun	F	Kavita
31	Ladkat Apoorva Mahesh	F	Apoorva
32	Masalkar Swati Dnyaneshwar	F	Swati
33	Mulani Mansurali Kutubuddin	F	Mansurali
34	Muluk Sayli Subhash	F	Sayli
35	Pande Roshani Arvind	F	Roshani
36	Panghate Pallavi Dilip	F	Pallavi
37	Patil Tejaswini Jaysing	F	Tejaswini
38	Sakharkar Komal Janardhan	F	Komal
39	Sankpal Rohan Vishnu	F	Rohan
40	Satav Pallavi Sudam	F	Pallavi
41	Suryavanshi Aishwarya Arun	F	Aishwarya
42	Wagh Tejaswini Umakant	F	Tejaswini
43	Yadav Shweta Sadashiv	F	Shweta

M - 12  
F - 25

To,  
Principal,  
Annasaheb Magar College,  
Hadapsar, Pune.

Subject: Arrange workshop with hands on training of different biological techniques.

Respected Sir,

As per your discussion with Head of the microbiology department of your college, We are going to arrange a workshop on different molecular and cell biological techniques and demo of instruments like PCR, Gel electrophoresis, flow Cytometry, E- gel imager in your college on Saturday 13<sup>th</sup> October 2018, at 10.30 am. The programme will also include hands on training of PCR and theoretical lectures.

Schedule of the workshop –

1. A lecture on cellular analysis by multicolor flowcytometry – 10.30 am to 12 PM
2. Live hands on demo on PCR – 12.15 to 1.30 PM
3. Result discussions and demo of other instruments – 2 pm to 3 pm
4. Conclusion and certificate distribution – 3 pm to 3.30 pm

Note – Students taking part in Hands on live demo of PCR are charged with 500 Rs and they will be provided with certificate.

निशान्त व्यास

Regards

Dr. Nishant vyas

IABRD



**PDEA's Annasaheb Magar Mahavidyalaya**

**C 2 – Guest Lecture / Activity Audit Report Year 2018-19**

**Microbiology Department**

**Date: 15.10.2018**

1. Title of Lecture : "FACS data analysis"
2. Occasion: Late Yashwant Ramchandra Paradkar memorial lecture series
3. Names of the guest Lecturer: Mr.Javed.A Mulla  
(Research Student, IBB Department, SPPU.)
4. Names of students of core committee: M.Sc II students
5. Attach list of student members of the activity group (Faculty Wise and Degree/ Junior )  
Attendance list attached
6. Aims and objectives of the Lecture  
To give knowledge about working and applications of FACS data analysis in biology.
7. Was the activity calendar prepared? Yes / No Yes
8. Functions / duties allotted to committee members
  - I. Welcome committee: Dr. N.N.Patil  
Mr.M.V.Despande  
Dr.U.V.Khisti  
Mrs.S.R.Shinde
  - II. Organization Committee: Ms. U.S.Dhangar  
Ms.M.V.Bhailume  
Ms.M.S.Waghmode
  - III. Hall arrangement committee: Dr. V.A.Karande  
Ms.P.D.Jagtap
  - IV. Seating arrangement Committee : Ms. S.D.Sherkar  
Ms. K.M. Gajarmal  
Ms. U.B.Borade
9. Whether other members were co-opted? Yes/No if yes, list names and duties allotted.  
N.A



10. Participation of audience

No. of Students - 33

No. of Staff - 12

No. of Committee Members - 12

11. Activity report submitted to

- a) Principal / Vice Principal / Registrar: Yes
- b) HODS for monthly report : Yes
- c) Magazine : Yes
- d) IQAC: Yes

12. Mode of feedback from students/teacher and action taken on it to improve.

Mentioned in attendance list

13. How do your activities contribute to the mission and vision of the institution?

It helped in equipping with requisite knowledge and holistic development methods.

14. Suggestions, if any

N.A

Name of convenor

Ms. M.S. Waghmode

  
Signature

Date:-

  
Co-ordinator  
IQAC Committee  
Annasaheb Magar Mahavidyalaya,  
Hadapsar, Pune-28.

  
PRINCIPAL  
Annasaheb Magar Mahavidyalaya  
Hadapsar, Pune - 411 022

P.D.E.A.'s  
**Annasaheb Magar College, Hadapsar, Pune-28.**  
**Department of Microbiology (P.G.)**  
**Guest Lecture on Topic- Data Analysis of FACS**  
**Guest Lecturer Name - Javed Mulla A.**  
**Attendance Class- M.Sc.-II (Date-16/10/2018)**

SN	Name of the Students	Sign
1	Akkalagari Sneha Shrinivas	Sneha
2	Bagadi Mayur Shripad	Mayur
3	Bhadale Shradha Suresh	Shradha
4	Bhosale Prasad Popat	AB
5	Bhote Tejas Rohidas	AB
6	Bhujbal Ravina Rajendra	Ravina
7	Bulla Ashwini Gorakhnath	AB
8	Chandak Pavan Shankarlal	AB
9	Chaudhari Kavita Uttam	Kavita
10	Chavan Somanath Rajendra	AB
11	Datir Ashish Wasudeorao	Ashish
12	Dhasade Akshay Yuvaraj	Akshay
13	Divekar Akshay Balasaheb	Akshay
14	Futane Abhishek Shankar	Abhishek
15	Gaikwad Gaurav Kamalakar	Gaurav
16	Galande Rutuja Dilip Galande	Rutuja
17	Ghodekar Anuradha Sharad	Anuradha
18	Ghule Mayur Anil	Mayur
19	Gole Akshata Ramesh	AB
20	Gorde Pradnya Vijay	Pradnya
21	Goud Sambhaji Ananda	AB
22	Gupta Kajal Sanjay	Kajal
23	Gurav Surbhi Ravindra	Surbhi
24	Indalkar Pravin Jaysing	Pravin
25	Jarande Kajal Shivaji	Jarande
26	Kalbhor Shweta Dattatray	Shweta
27	Kodd Shruti Appasaheb	Shruti
28	Kulkarni Sandesh Suhas	AB
29	Kumbhar Bipin Ananda	Bipin
30	Kumbhar Kavita Arun	Kavita
31	Ladkat Apoorva Mahesh	Apoorva
32	Masalkar Swati Dnyaneshwar	Swati
33	Mulani Mansurali Kutubuddin	Mulani
34	Muluk Sayli Subhash	Sayli
35	Pande Roshani Arvind	AB
36	Panghate Pallavi Dilip	Pallavi
37	Patil Tejaswini Jaysing	Tejaswini
38	Sakharkar Komal Janardhan	Komal
39	Sankpal Rohan Vishnu	Rohan
40	Satav Pallavi Sudam	AB
41	Suryavanshi Aishwarya Arun	Aishwarya
42	Wagh Tejaswini Umakant	Tejaswini
43	Yadav Shweta Sadashiv	Shweta

PDEA's Annasaheb Magar Mahavidyalaya

C 2 – Guest Lecture / Activity Audit Report Year 2018-19

Microbiology Department

Date: 13.10.2018

1. Title of Lecture : Flow cytometry
2. Occasion: Late Yashwant Ramchandra Paradkar memorial lecture series
3. Names of the guest Lecturer : Dr. Nishant Vyas

(Director, IABRD, Pune.)

4. Names of students of core committee : M.Sc II students
5. Attach list of student members of the activity group (Faculty Wise and Degree/  
Junior ): Attendance list attached
6. Aims and objectives of the Lecture :  
To give knowledge regarding working and application of flow cytometry and to give  
hands on training and demonstration of PCR, Western Blotting and FACS.
7. Was the activity calendar prepared? Yes / No: Yes
8. Functions / duties allotted to committee members
  - I. Welcome committee: Dr. N.N.Patil  
Mr.M.V.Despande  
Dr.U.V.Khisti  
Mrs.S.R.Shinde
  - II. Organization Committee: Ms. U.S.Dhangar  
Ms.M.V.Bhailume  
Ms.M.S.Waghmode
  - III. Hall arrangement committee: Dr. V.A.Karande  
Ms.P.D.Jagtap
  - IV. Seating arrangement Committee: Ms. S.D.Sherkar  
Ms. K.M. Gajarmal  
Ms. U.B.Borade
9. Whether other members were co-opted? Yes/No if yes, list names and duties  
allotted. : N.A

10. Participation of audience

No. Of Students for lecture: 67

No. Of students for hands on training: 20

No. Of Staff: 12

No. Of Committee members: 12

11. Activity report submitted to

a) Principal/Vice principal /Register: Yes

b) HODS for monthly report: yes

c) Magazine : YES

d) IQAC: Yes

12. Mode of feedback from student / teacher and action taken on it to improve.

Mentioned in attendance list

13. How do your Activities contribute to the mission and vision of the institution ?

It helped in equipping with requisite Knowledge and holistic development methods.

*Creels*

Department of Microbiology  
Annasaheb Magar Mahavidyalaya  
Hadapsar, Pune - 411028



*R. J. Son*  
Co-ordinator  
IQAC Committee  
Annasaheb Magar Mahavidyalaya,  
Hadapsar, Pune - 411028

OB of  
Principal

*P. J. Son*

Principal  
Annasaheb Magar Mahavidyalaya  
Hadapsar, Pune-411028.

14. Photographs.



15. Suggestions, if any

N.A

*Mrs. M.S. Waghmode*  
Name of convenor

Date:-



*[Signature]*  
Signature

*[Signature]*  
**Co-ordinator**  
**IQAC Committee**  
**Annasaheb Magar Mahavidyalaya,**  
**Hadapsar, Pune-28.**

*[Signature]*  
**Principal**  
**Annasaheb Magar Mahavidyalaya**  
**Hadapsar, Pune-411028.**

Head  
Department of Microbiology  
Annasaheb Magar Mahavidyalaya  
Hadapsar, Pune - 411028