

**DR. AMBEDKAR COLLEGE, DEEKSHABHOOMI,
NAGPUR**

**DEPARTMENT OF BIOTECHNOLOGY AND
BIOCHEMISTRY**

ANIMAL CELL CULTURE TRAINING PROGRAMME

(ACC) 2018-2019

(26TH TO 29TH SEPTEMBER 2018)

DAY 1: 26th September 2018

SR	TIME			
1	11 AM TO 11:30 AM	Inauguration (Room No 1)	At the hands of Principal Dr P C Pawar. Introductory remarks by Mrs. B A Mehere (HOD).	
		Lectures	TOPICS	DELIVERED BY
2	11:30 Am to 12:30 PM	Lecture 1	History of Animal, Cell Culture Technology.	Prof. Mrs. B A Mehere
3	12:30 PM to 1:00 PM	Refreshment Break		
4	1:00 PM to 2:00 PM	Lecture 2	Principals of Animal Cell Culture	Dr D N Begde
5	2:00 PM to 3:00 PM	Lecture 3	Applications of Animal Cell Culture Technology	Prof. P Hirapure

Day 2: 27th / September/2018

Hands On Practice (By Dr Utpal Dongre)

SR	TIME	BATCH	PROTOCOLS
1	10AM TO 11 AM	1	Introduction to ACC laboratory, demonstration of equipments, demonstration of Cell Passaging; Hands on practice on preparation of complete media, cell counting and cell seeding.
2	11 AM TO 12 PM	2	
3	12 PM TO 1 PM	3	
4	1 PM TO 2 PM	(1-6)	Refreshment Break (Bio-Info Lab)
5	2 PM TO 3 PM	4	Introduction to ACC laboratory, demonstration of equipments, demonstration of Cell Passaging; Hands on Practice on preparation of complete media, cell counting and cell seeding.
6	3 PM TO 4 PM	5	
7	4 PM TO 5 PM	6	
	3:00 PM		

Day 2: 27th / September

Hands On Practice

SR	TIME	BATCH	PROTOCOLS
1	10AM TO 11 AM	1	Introduction to ACC laboratory, demonstration of equipments, demonstration of Cell Passaging; Hands on practice on preparation of complete media, cell counting and cell seeding.
2	11 AM TO 12 PM	2	
3	12 PM TO 1 PM	3	
4	1 PM TO 2 PM	(1-6)	Refreshment Break (Bio-Info Lab)
5	2 PM TO 3 PM	4	Introduction to ACC laboratory, demonstration of equipments, demonstration of Cell Passaging; Hands on Practice on preparation of complete media, cell counting and cell seeding.
6	3 PM TO 4 PM	5	
7	4 PM TO 5 PM	6	
	3:00 PM		

Day 3: 28th / September / 2018

SR	TIME	BATCH	PROTOCOLS
1	8 AM TO 9:30 AM	1	Individual practice on cell passaging, cell counting, MTT Assay and Cryopreservation.
2	9:30 AM TO 11 AM	2	
3	11 AM TO 12:30 PM	3	
4	12:30 PM TO 1 PM	(1-6)	Refreshment Break (Bio-Info Lab)
5	1 PM TO 2:30 PM	4	Individual practice on cell passaging, cell counting, MTT Assay and Cryopreservation.
6	2:30 PM TO 4 PM	5	
7	4PM TO 5:30 PM	6	

Day 4: 29th / September / 2018

SR	TIME	BATCH	PROTOCOLS
1	10 AM TO 11 AM	1-6	MTT Assay
2	11:30 to 12:30	1-6	Written test on provided manual and practical.
3	1 PM TO 2 PM	1-6	Observation and results discussion
4	2 PM TO 3 PM	1-6	LUNCH (Room No 2/ Biotech Lab)
5	3 PM TO 4 PM	1-6	VALEDICTORY AND CERTIFICATE DISTRIBUTION
5	1 PM TO 2:30 PM		
6	2:30 PM TO 4 PM		
7	4PM TO 5:30 PM		

B. Ardehane
25-9-18

Day 4: 29/September

SR	TIME	BATCH	PROTOCOLS
1	10 AM TO 11 AM	1-6	MTT Assay
2	11:30 to 12:30	1-6	Written test on provided manual and practical.
3	1 PM TO 2 PM	1-6	Observation and results discussion
4	2 PM TO 3 PM	1-6	LUNCH (Room No 2/ Biotech Lab)
5	3 PM TO 4 PM	1-6	VALEDICTORY AND CERTIFICATE DISTRIBUTION

HEAD
DEPARTMENT OF
BIOCHEMISTRY & BIOTECHNOLOGY
DR. AMBEDKAR COLLEGE,
DEEKSHA BHOOMI, NAGPUR



DR. AMBEDKAR COLLEGE, DEEKSHABHOOMI ,NAGPUR

IN VITRO CELL CULTURE”

A HANDS-ON TRAINING IN CELL CULTURE TECHNIQUES

REPORT

A four day workshop on “In vitro cell culture” A hands-on training in cell culture techniques” was organized from Wednesday 26th September 2018 to Saturday 29th September 2018 under the coordination of program coordinator Dr.Utpal Dongre , Assistant Professor, Department of Biochemistry and Biotechnology, Dr.Ambedkar College , Nagpur.

Mrs. B.A.Mehere ,Dr.Deovrat Begde and Mr.Pradip Hirapure were the guest speakers. Their talk was very informative and beneficial to the students attending the workshop. Around thirty two students have attended the workshop.

The first day of the workshop started with the enlightening of the lamp and seek the blessing of Lord Buddha and Dr.BabaSaheb Ambedkar. Mrs.Bhuvaneshwari Mehere, HOD, Department of Biochemistry and Biotechnology welcomed the guest of honour Principal, Dr. P.C. Pawar, Dr.Ambedkar College.

An introductory remark of the workshop along with the history of animal cell line, was given by Mrs. Bhuvaneshwari Mehere, HOD, Department of Biochemistry and Biotechnology, Dr.AmbedkarCollege ,DeekshaBhoomi, Nagpur. Followed by this, students gained knowledge about animal cell culture, precautions to be taken in performing cell culture, laboratory set up requirement, working of each and every instrument in cell culture technique, advantages and limitations etc. given by Dr.Deovrat Begde.A brief knowledge of applications of animal tissue culture was given by Mr. Pradip Hirapure.

On the second day of the workshop Dr. Utpal Dongre introduced Animal Tissue Culture lab to the students and gave the demonstration of equipments and cell passaging technique .Hands-on practice was also given on preparation of complete media , cell counting and cell seeding.

Third day started with individual practice on cell passaging ,cell counting ,MTT assay and cryopreservation.

Fourth day includes observation of MTT assay results and a written test was conducted by Dr.Utpal Dongre on provided manual and hands-on experiments.

On the same day, valedictory function was conducted with the eminent guest speaker Dr.V.G.Meshram HOD,PGTD Biochemistry, LIT premises ,Nagpur. He motivated the students about animal cell culture and also inspired them to take part in such workshops. Feedback was given by the students attending the workshop. The program was then concluded with the vote of thanks proposed by Dr. Utpal Dongre Assistant Professor, Department of Biochemistry and Biotechnology.



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FEEDBACK FORM

1. Name of Student, Sem and group: Rahul Shikhatu Sem II BT

2. Have you find provided literature useful and satisfactory?

Yes

3. Have you find content in the lecture useful?

Yes

4. Have you find content of practical session useful and sufficient?

Yes

5. Any suggestion related to practical upgradation?

No

6. How did you find food?

Food was tasty

7. Any complaints?

No

8. Suggestions / Your feelings about ACC 2018-2019:

9. How do you rate this training out of 10: 8

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FEEDBACK FORM

1. Name of Student, Sem and group: Rohit Rathore
2. Have you find provided literature useful and satisfactory?
Yes
3. Have you find content in the lecture useful?
Yes
ANIMAL
4. Have you find content of practical session useful and sufficient?
Yes
5. Any suggestion related to practical upgradation?
No
6. How did you find food?
Not
7. Any complaints?
No
8. Suggestions / Your feelings about ACC 2018-2019:
More training programme work be arranged for the students in future.
9. How do you rate this training out of 10: 7

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FEEDBACK FORM

1. Name of Student, Sem and group: Apoorva Bandhe
2. Have you find provided literature useful and satisfactory?
Yes very informative
3. Have you find content in the lecture useful?
Yes very Informative
4. Have you find content of practical session useful and sufficient?
Yes but wanted more time
5. Any suggestion related to practical upgradation?
No
6. How did you find food?
Very very tasty and delicious
7. Any complaints?
No
8. Suggestions / Your feelings about ACC 2018-2019:
It was very nice and informative we learned a lot.
9. How do you rate this training out of 10: 9
10. How did you find the training?
11. Any comments?
12. Suggestions for the next year?

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FEEDBACK FORM

1. Name of Student, Sem and group: Aakash Utkar
2. Have you find provided literature useful and satisfactory?
Yes
3. Have you find content in the lecture useful?
Yes very useful.
4. Have you find content of practical session useful and sufficient?
yes, it was very useful and sufficient.
5. Any suggestion related to practical upgradation?
No.
6. How did you find food?
Very very delicious and mouth watering
7. Any complaints?
No.
8. Suggestions / Your feelings about ACC 2018-2019:
More such training programmes must be organized but at some low cost.
9. How do you rate this training out of 10: 10
6. How did you
7. Any com

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FEEDBACK FORM

1. Name of Student, Sem and group: Nashishiv Rao 1ST SEM

2. Have you find provided literature useful and satisfactory?
Yes it was satisfactory

3. Have you find content in the lecture useful?
Yes

4. Have you find content of practical session useful and sufficient?
Yes

5. Any suggestion related to practical upgradation?
No

6. How did you find food?
Yes it was very tasty but spicy

7. Any complaints?
No

8. Suggestions / Your feelings about ACC 2018-2019:
No

9. How do you rate this training out of 10: 10

10. How did you find the training?
Very good

11. Any other comments?
No

12. Signature of the student
Nashishiv Rao

13. Date
26/09/2018