DEPARTMENT OF BIOTECHNOLOGY AND **BIOCHEMISTRY**

ANIMAL CELL CULTURE TRAINING PROGRAMME

(ACC) 2018-2019

(26TH TO 29TH SEPTEMBER 2018)

DAY 1: 26th September 2018

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SR	TIME			
1	11 AM TO	Inauguration	At the hands of Principal Dr P C Pay	war. Introductory
	11:30 AM	(Room No 1)	remarks by Mrs. B A Mehere (HOD).
1.43	Lectur	ês:	TOPICS -	DELIVERED BY
2	11:30 Am to	Lecture 1	History of Animal Cell Culture	Prof. Mrs. B A
	12:30 PM	7.1	Technology.	Mehere
3	12:30 PM to 1:00 PM	(illy, CU	Refreshment Break	RANGWI
4	1:00 PM to 200 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
DAY 1: 26th September 10
Hands On Practice (By Dr Utpal Dongre)

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

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Day 3: 28th/ September/2018

SR	TIME	BATCH	PROTOCOLS
1	8 AM TO 9:30 AM	1 1	Individual practice on cell passaging, cell counting,
2	9:30 AM TO 11 AM	2	MTT Assay and Cryopreservation.
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: 29/September/ 2018

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SR	TIMETO BELL	BATCH	PROTOCOLS couring.
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 _V 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
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Day 4: 29/September

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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.

A 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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DR. AMBEDKAR COLLEGE, DEEKSHABHOOMI, ANIMAL CELL CULTURE TRAINING PROGRAMME DEPARTMENT OF BIOTECHNOLOGY AND 4. Have you find content of practical session useful and sufficient? $(26^{TH} TO 29^{TH} SEPTEMBER 2018)$ 1) Name of Student, Sem and group: Yashalshah Rao. 2. Have you find provided literature useful and satisfactory? How did you find food? Howe you was trashy but spice, Any complaints? FEEDBACK FORM Suggestions / Your feelings about ACC 2018-2019: BIOCHEMISTRY (ACC) 2018-2019 5. Any suggestion related to practical upgradation? Satisfactory NAGPUR Have you find content in the lecture useful? How do you rate this training out of 10: it was low-did