

3/25/2022

Chennai

From

The Course Coordinator  
Short term course on PGD Tissue Culture  
Department of Medicine  
Sree Balaji Medical College  
Bharath Institute of Higher Education and Research,  
Chennai

To

The Dean  
Sree Balaji Medical College  
Bharath institute of Higher Education Research,  
Chennai

**Sub: -Permission to conduct value- added course: Short term course on PGD Tissue Culture**

Respected sir,

With reference to subject mentioned above, the Medicine proposes to conduct a value-added course titled: Short term course on PGD Tissue Culture

We kindly solicit your kind permission to commence the program.

Warm Regards,

  
Course Coordinator

**SREE BALAJI MEDICAL COLLEGE & HOSPITAL**

CHROMPET CHENNAI -600044

Date: 3/29/2022

**R. No 223/ SBMCH/2022**

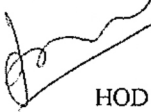
**CIRCULAR**

**Notification for Value added courses offered by the Department of Medicine**

The Department of Medicine of Sree Balaji Medical College is scheduled to offer a Value added Course on Short term course on PGD Tissue Culture from 4/24/2022 for a period of 3 weeks. Interested students can approach the Head of Medicine department and Course Coordinator, for registration and for further details on or before 4/17/2022.

**Eligibility-MBBS STUDENTS**

Course Coordinator



HOD

Copy to:

Dean office

Vice Principal

Medical Superintendent

AO College

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## SHORT TERM COURSE ON PGD TISSUE CULTURE

### Course Outline:

The discipline "TISSUE CULTURE" a novel concept of culturing totipotent single cells and developing the plants that is challengeable to the environmental habitat including to the dominating pathogens that cause diseases. Gottlieb Haberlandt, the father of plant tissue culture, established this unique process that involves the cultivation of embryo and culturing of vegetative cells in vitro and acclimatizing in vivo. Tissue culture has at most priority in the fields of Plant Breeding, Plant Propagation and Plant Biotechnology. It has become one of the most reliable and dependent technology among the plant science study. Inclusive of Molecular Biology and Genetic Engineering, this branch of science can revolutionize the existing system. This branch has been exploited and explored in different contexts viz., Industrial, Commercial production of saplings including in the field of Research and development etc

### Course Objectives:

This field is another candidate in the pool of scientific horizon that creates ample avenues for undergraduate and postgraduate students in both the field of research and placements in research and developments and also in biotechnology based companies.

1. The students will be technically and critically trained with good practical exposure
2. perform both the plant and animal culture, which is the at most required in this field of science, skilled candidates are absorbed in well established and commercial tissue culture units.
3. This area can be taken up as micropropagation business with smaller investment by entrepreneurs.

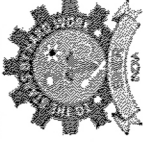
**Course duration: 30 hours**

**Course Coordinator: Associate Professor / Assistant Professor of Pathology**

### Course Syllabus

Topic	Faculty	Hours allotted
Introduction	Assistant Professor of Pathology	2 hours
INTRODUCTION TO ANIMAL CELL CULTURE: PRINCIPLES and	Associate Professor of Pathology	2 hours

APPLICATIONS		
Composition of animal cell culture media	Assistant Professor of Pathology	2 hours
Characterization of cells in culture	Associate Professor of Pathology	2 hours
Generation and maintenance of animal cells in culture	Assistant Professor of Pathology	2 hours
Applications of animal culture and immortal cells	Associate Professor of Pathology	2 hours
Sterilization methods: physical and chemical	Assistant Professor of Pathology	2 hours
Establishment of suspension cultures	Associate Professor of Pathology	2 hours
Industrial Application of Tissue Culture and Conservation of germplasm	Assistant Professor of Pathology	2 hours
Assignment	Associate Professor of Pathology	2 hours
Group discussion	Assistant Professor of Pathology	2 hours
Group discussion / practical	Associate Professor of Pathology	2 hours
Viva	Assistant Professor of Pathology	2 hours
Assessment	Associate Professor of Pathology	2 hours



**Bharath Institute of Higher Education and Research  
Sree Balaji Medical College & Hospital**



**CERTIFICATE**

This is to certify that Mr./Ms. AARTI D R has completed the value added course on Short term course on PGD Tissue Culture conducted by Medicine at Sree Balaji Medical College & Hospital, Chennai held during 4/24/2022.

**Dr.P.Sai Kumar MD**

Vice Principal, SBMCH

**Dr.Gunasekeran MS**

Dean, SBMCH

## Short term course on PGD Tissue Culture

S. No	Regn. No.	Name
1	U16MB001	AATHIRA A
2	U16MB002	ABDUL MANNAN MOHAMMAD
3	U16MB003	ABIRAMI R
4	U16MB004	ABISHEK JOEL KUMAR V
5	U16MB005	ADARSH KUMAR A
6	U16MB006	ADITYA SESA SAI UNDAVALLI
7	U16MB007	AFRA MARIAM T F
8	U16MB008	AFSANA S
9	U16MB009	AISHVHARAANI S T
10	U16MB010	AISHWARYA D
11	U16MB011	AISHWARYA S
12	U16MB012	AISHWARYA V
13	U16MB013	AISWARYA MOHAN
14	U16MB014	AJAY NAYAGAM P
15	U16MB015	AJITHA BEGUM A
16	U16MB016	AKASH D
17	U16MB017	AKASH JAIN
18	U16MB018	AKASH KRISHNA
19	U16MB019	AKSHAYA R
20	U16MB020	ALBERT SHAJI
21	U16MB021	ALHEEBA M
22	U16MB022	ALINA SAMAN
23	U16MB023	AMAN SINGLA
24	U16MB024	AMBATI LAKSHMI VAISHALI
25	U16MB025	AMEYAARJUN ARUMUGAM
26	U16MB026	AMISHA VERMA
27	U16MB027	AMITHA HASHIM
28	U16MB028	ANAGHA V K
29	U16MB029	ANAM HIRANMAYI
30	U16MB030	ANGEL CELIN S



**COURSE FEEDBACK FORM**

Course Title: *Short term Course on PhD Tissue Culture* Date: *24/02/22*

Name: *Akash D*  
RegNo: *U16MB016*  
Department: *Medicine*

S.NO	Particulars	1	2	3	4	5
(1. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied 5. Very satisfied)						
1.	Objectives of the course clear to you		/			
2.	The course contents met with your expectations		/			
3.	The lecture sequence was well planned		/			
4.	The lecturers were clear and easy to understand			/		
5.	The teaching aids were effective			/		
6.	The instructors encourage interaction and were helpful			/		
7.	The level of the course			/		
(1. Very poor 2. Poor 3. Average 4. Good 5. Excellent)						
8.	Overall rating of the course:	1	2	3	4	5

Please give suggestion for the improvement of the course:

Weakness of the course:

Strength of the course:

*Akash D*  
Signature

\*\*\*Thank you\*\*\*



COURSE FEEDBACK FORM

Date: 24/02/22

Course Title: Short term course on PAD Tissue Culture

Name: Akash Jain

RegNo: U16MB017

Department: Medicine.

S.NO	Particulars	1	2	3	4	5
(1. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied 5. Very satisfied)						
1.	Objectives of the course clear to you			/		
2.	The course contents met with your expectations			/		
3.	The lecture sequence was well planned			/		
4.	The lecturers were clear and easy to understand			/		
5.	The teaching aids were effective			/		
6.	The instructors encourage interaction and were helpful			/		
7.	The level of the course			/		
(1. Very poor 2. Poor 3. Average 4. Good 5. Excellent)						
8.	Overall rating of the course:	1	2	3	4	5

Please give suggestion for the improvement of the course:

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Weakness of the course:

Strength of the course:

  
Signature

\*\*\*Thank you\*\*\*