

4/29/2022

Chennai

From

The Course Coordinator  
Certificate Course on 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

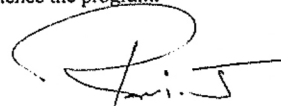
**Sub: -Permission to conduct value- added course: Certificate Course on Tissue Culture**

Respected sir,

With reference to subject mentioned above, the Medicine proposes to conduct a value-added course titled: Certificate Course on 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: 5/2/2022

**R. No 244/ 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 Certificate Course on Tissue Culture from 5/29/2022 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 5/22/2022.

**Eligibility-MBBS STUDENTS**

Course Coordinator

  
HOD

Copy to:

Dean office

Vice Principal

Medical Superintendent

AO College

## CERTIFICATE COURSE ON 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.

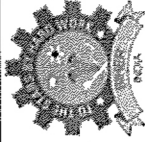
**Course duration: 30 hours**

**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. ABHINAV MALVIYA has completed the value added course on Certificate Course on Tissue Culture conducted by Medicine at Sree Balaji Medical College & Hospital, Chennai held during 5/29/2022.

**Dr.P.Sai Kumar MD**

Vice Principal, SBMCH

**Dr. Gunasekeran MS**

Dean, SBMCH

Certificate Course on Tissue Culture

S. No	Regn. No.	Name
1	U18MB039	ASWATHI SUDHEER
2	U18MB040	ATUL K SHANKAR
3	U18MB041	AVINASH K
4	U18MB042	AVINASH KUMAR PATHAK
5	U18MB043	AYSHWARIYA M
6	U18MB044	BACHU SRAVYA SAI
7	U18MB045	BAKSHI ANUSHKA
8	U18MB046	BALAJI S
9	U18MB047	BANA SUPRIYA
10	U18MB048	BEMILTON MACUS A
11	U18MB049	BINISHA I
12	U18MB050	BISWAJEET SAHU
13	U18MB051	BLESSY RACHEL R
14	U18MB052	BRAMATHESHWAR S
15	U18MB053	CATHRINE S
16	U18MB054	DEEPANKAR SHAN S
17	U18MB055	DENSINGH A
18	U18MB056	DHAMEEM HUSSAIN M
19	U18MB057	DIVYA SREE R
20	U18MB058	DONY JAMES L
21	U18MB059	EBENESAR T D
22	U18MB060	ELAMATHI M
23	U18MB061	ELAVENIL SARAVANAN
24	U18MB062	EMIDEIRIPHYLLA SUTING
25	U18MB063	ESHA ELANGO
26	U18MB064	FARZAN SADDIQ
27	U18MB065	FAZEELA FATHIMA TAJDEEN
28	U18MB066	FYAZ SHAFIUL MUHAIMIN S
29	U18MB067	GAJAPRIYA S
30	U18MB068	GANGALAKURTHI LOKESH
31	U18MB069	GEO JOSEPH
32	U18MB070	GOMATHI SELVI K
33	U18MB071	GUHAPPRIYA R
34	U18MB072	GURDASRH KAUR
35	U18MB073	GURU PRASAD T
36	U18MB074	HABEEB NATHIRA
37	U18MB075	HAMSINI SUDHAKAR
38	U18MB076	HARIHARAN P A
39	U18MB077	HARIMADHAV H
40	U18MB078	HARIPRASATH B



COURSE FEEDBACK FORM

Course Title: *Certificate Course on Tissue Culture* Date: *20/06/22*

Name: *Rajapathy.S*  
RegNo: *U18MB067*  
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:

*Rajapathy.S*  
Signature

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



COURSE FEEDBACK FORM

Date: 20/06/22

Course Title: Certificate Course on Tissue Culture

Name: Hariprasath - B

RegNo: U18MB078

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:

  
Signature

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