

4/9/2019

Chennai

From

The Course Coordinator  
Introduction to Virology  
Department of Pharmacology  
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

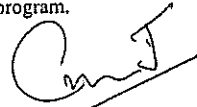
**Sub: -Permission to conduct value-added course: Introduction to Virology**

Respected sir,

With reference to subject mentioned above, the Pharmacology proposes to conduct a value-added course titled: Introduction to Virology

We kindly solicit your kind permission to commence the program.

Warm Regards,

  
Course Coordinator

**SREE BALAJI MEDICAL COLLEGE & HOSPITAL**

CHROMPET CHENNAI -600044

Date: 4/12/2019

**R. No 312/ SBMCH/2019**

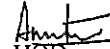
**CIRCULAR**

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

The Department of Pharmacology of Sree Balaji Medical College is scheduled to offer a Value added Course on Introduction to Virology from 5/10/2019 for a period of 3 weeks. Interested students can approach the Head of Pharmacology department and Course Coordinator, for registration and for further details on or before 5/3/2019.

**Eligibility-MBBS STUDENTS**

Course Coordinator

  
HOD

Copy to:

Dean office

Vice Principal

Medical Superintendent

AO College

## INTRODUCTION TO VIROLOGY

### COURSE OVERVIEW:

The existence of viruses was first suspected in the nineteenth century when it was shown that filtered extract of infective material passed through filters small enough to stop all known bacteria could still be infectious, and hence the 'virus' (Latin for poisonous liquid) concept was first introduced. However, viral diseases such as smallpox and poliomyelitis had been known to affect mankind since many centuries before this.

Subsequent to the discovery of viruses, the next major step in elucidating their role in human disease was the invention of the electron microscope, followed by cell culture and now molecular diagnostic techniques to detect the presence of viruses in infected material. Many new viruses have been discovered in the past two to three decades, but it was the discovery of human immunodeficiency virus (HIV) (the virus responsible for acquired immunodeficiency syndrome (AIDS)) in 1983 and the explosion of the AIDS epidemic that brought clinical virology to the forefront as a significant specialty. Millions of dollars have been spent by pharmaceutical companies in discovering drugs to treat AIDS; a by-product has been that our understanding of virus replication and pathogenesis has improved substantially and this has resulted in new antiviral drugs becoming available to treat other viral infections.

**Course duration:** 30 hours

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

### Course Syllabus

Topic	Faculty	Hours allotted
Discovery, nature, origin and evolutionary importance of viruses	Assistant Professor of Microbiology	2 hours
Structure of Viruses	Assistant Professor of Microbiology	2 hours
Isolation, purification and cultivation of viruses	Associate Professor of Microbiology	2 hours
Viral taxonomy: Classification and nomenclature of different groups of viruses	Assistant Professor of Microbiology	2 hours
Diversity, classification and one step multiplication curve	Assistant Professor of Microbiology	2 hours
Lytic and lysogenic phages	Assistant Professor of Microbiology	2 hours
Regulation of transcription in lambda phage	Associate Professor of Microbiology	2 hours
Intracellular trafficking, assembly, maturation and release	Assistant Professor of Microbiology	2 hours

Physical and biological methods of detection of viruses	Assistant Professor of Microbiology	2 hours
Characterization of viral product expressed in the infected cells	Assistant Professor of Microbiology	2 hours
Viruses as biopesticides	Associate Professor of Microbiology	2 hours
Assignments	Assistant Professor of Microbiology	2 hours
Viva voce	Associate Professor of Microbiology	2 hours
Written test	Assistant Professor of Microbiology	2 hours

COURSE FEEDBACK FORM

Date: 08/05/2019

Course Title: Introduction to virology

Name: Arya.R

RegNo: U18MB036

Department: Micro-Biology

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:

Arya.R  
Signature

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

COURSE FEEDBACK FORM

Date: 09/05/19.

Course Title: Introduction to virology

Name: Binisha . J

RegNo: U18MB049

Department: micro-biology

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

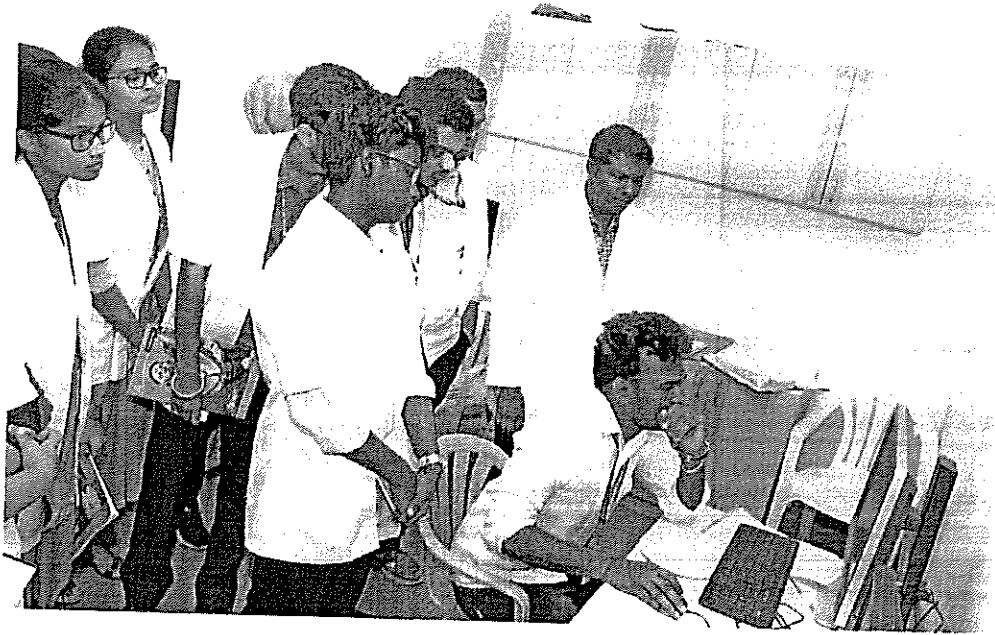
Please give suggestion for the improvement of the course:

Weakness of the course:

Strength of the course:

Binisha J  
Signature

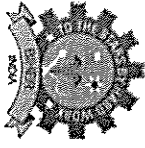
\*\*\*Thank you\*\*\*



## Introduction to Virology

S. No	Regn. No.	Name
1	U18MB031	ARAVINDHAN D
2	U18MB032	ARKAJAA K
3	U18MB033	ARPITA CHOUDHURY
4	U18MB034	ARUN SANTHAN M
5	U18MB035	ARUNNIDHI R
6	U18MB036	ARYA R
7	U18MB037	ASHLIN SHARAN R
8	U18MB038	ASHMITHAA R
9	U18MB039	ASWATHI SUDHEER
10	U18MB040	ATUL K SHANKAR
11	U18MB041	AVINASH K
12	U18MB042	AVINASH KUMAR PATHAK
13	U18MB043	AYSHWARIYA M
14	U18MB044	BACHU SRAVYA SAI
15	U18MB045	BAKSHI ANUSHKA
16	U18MB046	BALAJI S
17	U18MB047	BANA SUPRIYA
18	U18MB048	BEMILTON MACUS A
19	U18MB049	BINISHA I
20	U18MB050	BISWAJEET SAHU
21	U18MB051	BLESSY RACHEL R
22	U18MB052	BRAMATHESHWAR S
23	U18MB053	CATHRINE S
24	U18MB054	DEEPANKAR SHAN S
25	U18MB055	DENSINGH A
26	U18MB056	DHAMEEM HUSSAIN M
27	U18MB057	DIVYA SREE R
28	U18MB058	DONY JAMES L
29	U18MB059	EBENESAR T D
30	U18MB060	ELAMATHI M
31	U18MB061	ELAVENIL SARAVANAN
32	U18MB062	EMIDEIRIPHYLLA SUTING
33	U18MB063	ESHA ELANGO
34	U18MB064	FARZAN SADDIQ
35	U18MB065	FAZEELA FATHIMA TAJDEEN





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



**CERTIFICATE**

This is to certify that Mr./Ms. DHIVYA S has completed the value added course on  
Introduction to Virology conducted by Pharmacology at Sree Balaji Medical College &  
Hospital, Chennai held during 5/10/2019.

**Dr. W M S Johnson**

Dean, SBMCH