



# Online Certificate Course on Immunology

Offered by Atal Bihari Vajpayee Vishwavidyalaya, Bilaspur, CG

In Association with Commonwealth Educational Media Centre for Asia (CEMCA)



CEMCA



## Intended Audience :

UG/ PG/ PhD/ Scientist in Industry

Prerequisites : General Biology 10+2

## Schedule of Online Course

Lecture No.	Lectures Topic
<b>Week 1 (Module 1)</b>	
1.	Autoimmune diseases
2.	Immunoglobulins
3.	Immunoheamatology
4.	Antigens
<b>Week 2 (Module 2)</b>	
5.	Serological reactions
6.	Major Histocompatibility Complex
7.	Transplantation immunology
8.	Hypersensitivity
<b>Week 3 (Module 3)</b>	
9.	Immunodeficiency
10.	Immunoprophylaxis
11.	Theories of Antibody Formation
12.	Organs of Immune system
<b>Week 4 (Module 4)</b>	
13.	Cells of Immune System
14.	Complement System
15.	Tumour immunology
16.	Infection
<b>Week 5 (Module 5)</b>	
17.	Types of immunities
18.	Immunity against fungi
19.	Immunity against Virus
20.	Immunity against bacteria

Web-portal

- "e-atalgiansangum.ac.in"

Date of Online Registration

- From 25<sup>st</sup> Nov, 2019

Course Coordinator

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Course Duration

- 5 weeks (Starting from 01<sup>st</sup> January 2020)

Date of Online Exam

- Details will be on website

## Highlights of the Course :-

The present online certificate course is designed to cater the needs of B.Sc. and M.Sc. students of Microbiology, Biotechnology and Pharmacy. The basic concepts of Immunology such as antigen, antibody, Serological Reactions, hypersensitivity are discussed concisely for better understanding of the students and form a source material to the teachers. Immunoheamatology, Autoimmune disease, Immunodeficiency, Transplantation immunology and Tumor immunology are also covered precisely. The subject matter is written in simple language keeping in view of student's standard and very well illustrated with clear diagrams.