

VIROLOGIST

Virologists study viruses and how they affect humans, animals, insects, bacteria, fungi and plants, in community, clinical, agricultural and natural environments.

PERSONAL COMPETENCIES

- You enjoy Science
- You like to analyse problems/situations
- You pay attention to details
- You have strong communication skills



The approx. course fee ranges between **INR 80,000-2,50,000***

**These figures are estimated numbers and will vary from Institute to Institute.*

SCHOLARSHIPS

• National Scholarship Portal - Visit www.scholarships.gov.in. Under this portal there are Central Government schemes, UGC/AICTE Schemes and Assam Government Schemes offered by different departments*

• Visit www.buddy4study.com for details on available scholarships. This is a gateway to scholarships starting from Class XI*

• Scholarships are also available in the institutes based on merit*

**(Availability of these scholarships can vary from time to time)*

LOANS

• VidyaLakshmi, www.vidyalakshmi.co.in, is a portal for students seeking education loan. This portal has been developed under the guidance of the Department of Financial Services, (Ministry of Finance), Department of Higher Education (Ministry of Human Resource Development) and Indian Banks Association (IBA)

• Some states have student credit cards with low interest rates, for instance, West Bengal, Odisha, Bihar, etc.

• All banks give education loans



ENTRY PATHWAY

1. Complete 10+2 in Science stream
2. Complete a Bachelor's degree (B.Sc.) in Microbiology/Virology/Life Science/Biochemistry/Biotechnology/Zoology/Medical lab technology or any allied subject OR

Complete a Bachelor's degree followed by a Master's degree in the same or allied field

Please check the duration of the course during enrolment



EXPECTED INCOME

**The figures are indicative & subject to change*

The approx. salary of a Virologist ranges between **INR 90,000-1,60,000*** per month

Source - <https://www.salaryexpert.com/salary/job/virologist/india>



WHERE WILL YOU WORK?

Places of Work: Hospitals, Health Departments, Universities, Research agencies

Work Environment: It is a desk job. You may need to handle a team of laboratory workers and helpers. Local travel is not a part of this job role. Part-time work and contractual jobs may be available. You are likely to have regular work hours. Organizations usually work for 5 to 6 days a week and 9 to 10 hours every day. This may vary from organization to organization. Shift system may be available

Opportunities for work exist for differently abled in this field

EXPECTED GROWTH PATH

Research Fellow → Virologist → Senior Virologist → Head of Department, Virology

Search keywords...



virology, virologist, virology technician

WHERE WILL YOU STUDY?

The course is offered by the Department of Botany. This list of institutes is indicative only

GOVERNMENT INSTITUTES

1. Gauhati University, Guwahati
2. Dibrugarh University, Dibrugarh
3. Bodoland University, Kokrajhar
4. B Borooah College, Guwahati
5. Assam University, Silchar
6. Cotton University, Guwahati
7. North Eastern Hill University, Shillong
8. Scottish Church College, Kolkata

PRIVATE INSTITUTES

(Please check if the Institute is affiliated and accredited with UGC before applying)

1. Royal Global University, Guwahati
2. Mount Carmel College, Bangalore
3. Assam Down Town University, Guwahati
4. Ramnarain Ruia College, Mumbai
5. Assam Don Bosco University, Guwahati
6. Sir Parashurambhau College, Pune
7. St Joseph's College, Bangalore
8. K J Somaiya College of Science and Commerce, Mumbai

Information on the institute rankings can be found at - <https://www.nirfindia.org/2022/Ranking.html>

DISTANCE LEARNING INSTITUTE

Indira Gandhi National Open University (IGNOU)

EXAMPLE FROM THE FIELD

Dr. Gangandeep Kang, an Indian Virologist, is hailed as the 'vaccine godmother' of India. She has been a leading researcher in viral infections in children and has worked on public health and diarrhoea diseases since the 1990s in India. She is the first Indian woman to be elected as Fellow of the Royal Society, London. She has worked extensively in the rotavirus research and was a key scientist in developing the vaccine for diarrhoea, Rotovac from Bharat Biotech International.*

Source - <https://www.cmch-vellore.edu/SinglePage.aspx?pid=P160802009&mid=M190619168>

**The above information is for training purposes only and will not be used for any commercial gains*