

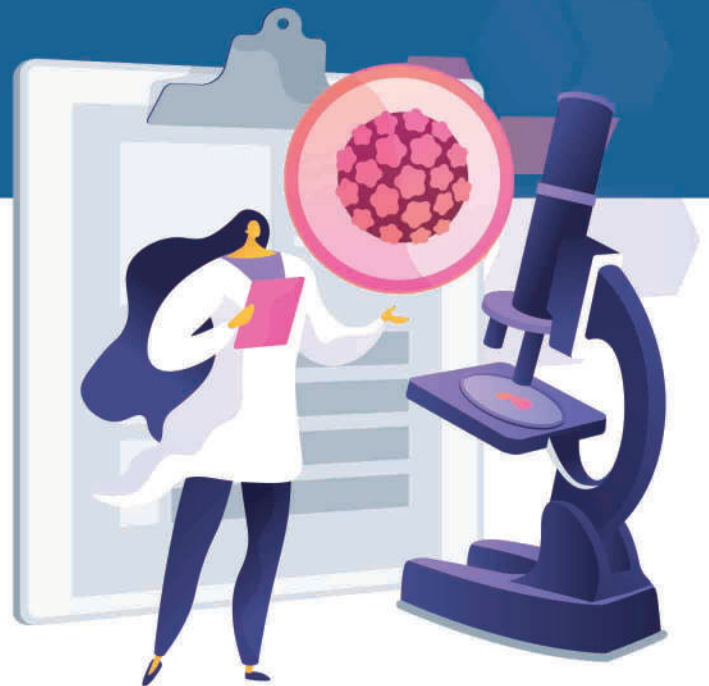
CYTOLOGIST/CYTOTECHNOLOGIST

Cytology is the branch of biology that deals with the structure, function, multiplication, pathology, and life history of cells. A cytologist is one who specializes in cytology.

PERSONAL COMPETENCIES



- You have an interest in Science
- You like to analyse problems/situations
- You pay attention to details



The approx. course fee ranges between **INR 15,000 - 2,25,000***

**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 (Physics, Chemistry and Biology)
2. Complete Bachelor's degree (BSc) in Biology/Life Sciences or related subject OR
Complete a Bachelor's degree followed by a Master's degree and PhD in the same or related field

Please check the duration of the course during enrolment



EXPECTED INCOME

**The figures are indicative & subject to change*

The approx. salary of a Cytotechnologist ranges between **INR 44,000 - 77,000*** and above per month.

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



WHERE WILL YOU WORK?

Places of Work: Colleges and Universities, Research Laboratories, Pathology Laboratories, Food Production Companies, Agricultural Research Agencies and Firms among others.

Work Environment: It requires physical activity. Local travel is a part of this job role. Part-time work and contractual jobs are available. 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

EXPECTED GROWTH PATH

Trainee → Cytologist → Senior Cytologist
→ Lead Researcher

Search keywords... 

cytologist, cell biologist, cytotechnologist

WHERE WILL YOU STUDY?

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

GOVERNMENT INSTITUTES

1. Bodoland University, Kokrajhar
2. Dibrugarh University, Dibrugarh
3. Gauhati University, Guwahati
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

Professor Arun Kumar Sharma was an eminent scientist and the founder programme coordinator of the University Grant Commission Centre of Advanced Study in Cell and Chromosome Research in University of Calcutta. An acclaimed cytogeneticist, Sharma had several distinguished professional honours to his credit including the Shanti Swarup Bhatnagar Prize of the Council of Scientific and Industrial Research and the third highest civilian Award Padma Bhushan.*

Source: <https://link.springer.com/article/10.1007/s13237-017-0226-3>

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