

# SEED TECHNOLOGIST

A Seed Technologist deals with the methods of improving physical and genetic characteristics of seed. Seed technology involves activities such as variety development, evolution and release of seed varieties, seed production, processing, certification and storage.

## PERSONAL COMPETENCIES

- You have an interest in Science
- You find pleasure in creating new things
- You have excellent analytical skills
- You like to work in teams



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](http://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](http://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](http://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 the Science stream (Physics, Chemistry and Biology)
2. Complete Bachelor's degree (BSc) in Agriculture/Biotechnology/Life Sciences/Biology or any other related subject

**OR**

Complete Bachelor's degree followed by a Master's degree (MSc) in Seed Science and Technology

For admissions into Seed Science and Technology course, you may have to clear entrance examinations like ICAR AIEEA, GATE, OUAT CUET, NPAT, GSAT, AGRICET

*Please check the duration of the course during enrolment*



## EXPECTED INCOME

*\*The figures are indicative & subject to change*

The approx. salary of a Seed Technologist is **INR 67,700-2,08,700\*** per month.

Source: <http://nsrtc.nic.in/Recruit/Recruitment.pdf>



## WHERE WILL YOU WORK?

**Places of Work:** Horticulture Industry, Nurseries, Plant Breeding Centers, Research Labs and others.

**Work Environment:** You will work in an office set up. Local travel is part of the job profile. You will not handle a team. You are likely to work 5 to 6 days a week, 8 to 9 hours every day

*Opportunities for work exist for differently abled in this field*

## EXPECTED GROWTH PATH

Seed/Crop System Specialist →  
Seed/Crop Inspector

Search keywords... 

*seed technologist, seed scientist, agricultural scientist*

## WHERE WILL YOU STUDY?

This course is offered by the Department of Agricultural Sciences. This list of institutes is indicative only

### GOVERNMENT INSTITUTES

1. Banaras Hindu University, Uttar Pradesh
2. Assam Agricultural University, Jorhat
3. Maharana Pratap University of Agriculture and Technology, Udaipur
4. Bidhan Chandra Krishi Viswa Vidyalaya, West Bengal
5. Indian Agricultural Research Institute, New Delhi
6. Pandit Jawaharlal Nehru College of Agriculture & Research Institute, Puducherry
7. Swami Sarvanand Institute of Management and Technology, Punjab
8. Doon College of Agriculture Science and Technology, Dehradun

### PRIVATE INSTITUTES

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

1. Rasoni Group of Institutions, Nagpur
2. SHIATS, Allahabad
3. MGC Fatehgarh Sahib, Punjab
4. Maharani's Science College for Women, Mysuru
5. SMCET, Jaipur
6. Sapphire Group of Institutions, Madhya Pradesh
7. Chanakya Mahavidyalaya, Bhopal
8. Amity University, Noida

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

### ONLINE COURSE

• NPTEL\*Swayam- <https://swayam.gov.in/explorer?searchText=seed>

\*NPTEL- National Programme in Technology Enhanced Learning. It is by the Government of India and offers a variety of courses in an audio - video form

## EXAMPLE FROM THE FIELD

**Badrinarayan Ramulal Barwale**, known as the father of seed technology in India, has pioneered in producing cheaper and better-quality seeds. He started with ladies' fingers to increase yield of the vegetable in Maharashtra. In 1998, he received the World Food Prize.\*

Source: <https://indianexpress.com/article/india/b-r-barwale-1931-2017-the-engine-oil-dealer-who-fathered-indias-seed-industry-4779620/>

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