

SOIL SCIENTIST

Soil science is the study of soil, which is the loose surface material that covers most land. Soil scientists study, analyse, and recommend appropriate land use to increase productivity of the soil. This is of great significance because soil health affects plant or crop growth, which in turn is linked to food security.

PERSONAL COMPETENCIES

- You have an interest in Science
- You like working outdoors
- You like to do experiments
- You have a keen sense of observation



The approx. course fee ranges between **INR 7,000 - 4,00,000***

**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 the Science stream (Physics, Chemistry and Biology)
2. Complete a Bachelor's degree (B.Sc.) in Agriculture, Botany, Chemistry or any related field

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 Soil Scientist ranges between **INR 68,300 - 1,18,564*** per month.

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



WHERE WILL YOU WORK?

Places of Work: Agriculture Co-operative Organizations, NGOs, Public and Private Organisations, Environment Consultancies, Research Establishments, Commercial and Industrial Enterprises and Institutes of Higher Education among others

Work Environment: It is not a desk job and you are likely to work outdoors. You are likely to head a team. You will be working for 8 to 9 hours every day 5 to 6 days a week

Opportunities for work exist for differently abled in this field

EXPECTED GROWTH PATH

Soil Scientist → Senior Soil Scientist → Head of Research Operation

Search keywords...



soil scientist, soil science

WHERE WILL YOU STUDY?

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

GOVERNMENT INSTITUTES

1. Assam Agricultural University, Jorhat
2. Banaras Hindu University, Uttar Pradesh
3. Central Agricultural University, Imphal
4. Maharana Pratap University of Agriculture and Technology, Rajasthan
5. Bidhan Chandra Krishi Viswa Vidyalaya, West Bengal
6. Indira Gandhi Agricultural University, Chhattisgarh
7. Pandit Jawaharlal Nehru College of Agriculture & Research Institute, Puducherry
8. Swami Sarvanand Institute of Management and Technology, Punjab

PRIVATE INSTITUTES

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

1. Indian Agricultural Research Institute, New Delhi
2. Arunachal University of Studies, Namsai
3. National Dairy Research Institute, Karnal
4. Banasthali Vidyapith, Jaipur
5. CIFE, Mumbai.
6. Dr DY Patil College of Agriculture Business Management, Pune
7. Sam Higginbottom University of Agriculture, Technology and Sciences, Uttar Pradesh
8. Indian Agricultural Research Institute, New Delhi

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

Ashok Patra is the Director of Indian Institute of Soil Science. He did his Bachelor's in Agriculture from Banaras Hindu University and his Master's in Soil Science and Agricultural Chemistry from Indian Agricultural Research Institute. In December, 2022, he received the Glinka World Soil Prize 2022 for his 33-year dedicated career in soil science.*

Source: <https://icar.org.in/content/dr-ashok-kumar-patra-award-ed-glinka-world-soil-prize-2022>

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