

## **AVENUES OPEN AFTER MSC. BOTANY**

### **Research Positions**

- At Sanjay Gandhi P.G Institute (SGPGI), Lucknow
- Indian Agricultural Research Institute (IARI), New Delhi
- Indian Institute Of Science, Education, Research Institute (IISER), Mohali
- IISER, Kolkata
- IISER, Pune
- IISER, Thiruvananthapuram
- IISER, Calicut
- Indian Institute Of Advanced Research, Gandhi Nagar
- Centre For Dna Finger Printing And Diagnostics (CDFD) Hyderabad
- National Institute For Research In Reproductive Health (NIRRH) Mumbai
- Regional Medical Research Centre (RMRC) Bhubaneswar

### **PROJECTS**

- Project On Map Foresight Activities At JNU, New Delhi
- Projects In Bioinformatics, Drug-Designing Microarray Data Designing, Molecular Dynamics II And Modelling
- Projects In Department Of Biotechnology (IARI) New Delhi
- Project On Strategic Vision For Development Of N-Bioproject At Wildlife Institute Of India (WII), Dehradun
- Drylabs-Dealing With Data Coordination And Data
- Project At Azyme-Biosciences [www.azymbio.com](http://www.azymbio.com)
- Project Directory [www.gate2biotech.com](http://www.gate2biotech.com)
- Biotech Project [www.bioaxis.in](http://www.bioaxis.in)
- Project At Department Of Biotech .IARI, New Delhi [www.iari.res.in](http://www.iari.res.in)

### **Career In Private Sector**

There Are Several Common Career Options For Botany Graduates. Though These All Fall Under The Larger Botany Umbrella, Many Of These Scientific Careers Blend With One Another In Areas Of Study Or Emphasis. In Addition To The Following Positions, Research And Teaching Positions Are Common Occupations For Graduates Of Advanced Botany Degree Programs.

### **Agriculturists**

In Agricultural Supply Companies And Government Agencies As Food Professional

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**COURSES AVAILABLE: REGULAR/WEEKEND/CORRESPONDENCE/ STUDY MATERIAL .**

## **Botanists**

In Finding Plant Disease And Cures, Plant Growth And Preparing Scientific Reports.

[www.bioquicknews.co](http://www.bioquicknews.co)

[www.indeed.com](http://www.indeed.com)

## **Enviornmental Carrier**

As Enviornmental Consultant In Industrial Sector, Academic Institutions, Government And Non-Government Agencies.

## **Organic Farming**

The New Field Under Agricultural Sector.

[www.acresusa.com](http://www.acresusa.com)

## **Taxonomis**

## **T**

TAXONOMISTS ORGANIZE SPECIES OF PLANTS INTO CATEGORIES, AFTER STUDYING INDIVIDUAL PLANTS AND GROUPING THEIR SPECIES TOGETHER BASED ON SIMILARITIES. A LOT

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THE SPECIES THAT THEY IDENTIFY ARE REPRESENTATIVE OF THE ESTABLISHED EVOLUTIONARY RELATIONSHIPS OF PLANT GROUPS.

### **AGRONOMIST**

THESE ARE SOIL AND PLANT SCIENTISTS WHO WORK TO IMPROVE THE YIELD OF FIELD CROPS LIKE GRAINS AND COTTON. THEY DEVELOP PROCESSES THAT ASSIST FARMERS IN GROWING MORE CROPS AND PREVENTING DISEASE IN THEM.

### **ECOLOGIST**

THESE SCIENTISTS STUDY PLANTS INTERACTIONS WITH THE ENVIRONMENT AND OTHER ORGANISMS. THEY STUDY THE ECOSYSTEMS OF PLANTS WITH THE GOAL OF PROTECTING THEM AND SOLVING ENVIRONMENTAL ISSUES.

### **MYCOLOGIST**

TRADITIONALLY, MYCOLOGISTS STUDY FUNGI AND HOW THESE DAMAGING ORGANISMS INJURE PLANT LIFE. MYCOLOGISTS MAY ALSO BE GROUPED AS A TYPE OF MICROBIOLOGIST OWING TO THEIR STUDY OF BACTERIA AND ALGAE AS THEY RELATE TO MICROORGANISMS.

### **PLANT BREEDER**

PLANT BREEDERS USE TRADITIONAL HYBRIDIZING AND CROSSBREEDING TECHNIQUES, RATHER THAN GENETIC ENGINEERING, TO IMPROVE PLANTS FOR HUMAN USES AS WELL AS THE ENVIRONMENT. PLANT BREEDERS ARE A TYPE OF PLANT GENETICIST, AND OTHER GENETICISTS MAY WORK MORE DIRECTLY WITH THE PLANT GENOMES.

### **HORTICULTURIST**

THESE INDIVIDUALS CULTIVATE, GROW AND CARE FOR PLANTS, RANGING FROM FRUITS TO FLOWERS. THEY CAN WORK IN AREAS SUCH AS GARDENS, NURSERIES OR TREE ORCHARDS.

### **BIOPHYSICIST**

BIOPHYSICISTS STUDY THE PHYSICAL AND MECHANICAL ENERGY OF CELLS AND LIVING ORGANISMS. WITHIN PLANTS, THEY CAN DETERMINE HOW APPLICABLE MEDICINE CURES PLANT

### **PROJECTS ON RESEARCH AFTER MSc.**

- RESEARCH PROJECTS UNDER UGC
- PROJECTS UNDER WHO, UNICEF, UNESCO
- PROJECTS UNDER BHABHA ATOMIC RESEARCH CENTRE

[www.pharmabiz.com](http://www.pharmabiz.com)

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- PROJECTS RELATED TO CHEMICAL SCIENCES.

IT IS A COMPREHENSIVE PHARMA PORTAL.

- PROJECTS RELATED TO BIOTECHNOLOGY

[www.gate2biotech2.com](http://www.gate2biotech2.com)

DBT ASSISTS 112 PROJECTS UNDER SBIRI (SMALL BUSINESS INNOVATION RESEARCH INITIATIVE)

- BHABHA ATOMIC RESEARCH CENTRE –OCES TRAINEES.

#### SCHOLRSHIPS IN R&D

- [www.csirhrdg.res.in](http://www.csirhrdg.res.in)

#### LATEST INTERNATIONAL SCHOLARSHIP-FELLOWSHIP IN BIOTECH AND LIFE SCIENCES

HERE ARE SOME LINKS PROVIDING LATEST INFORMATION ON CURRENTLY AVAILABLE SCHOLARSHIPS AND FELLOWSHIPS ABROAD:

- [www.getscholarship.net/archives/](http://www.getscholarship.net/archives/): VERY GOOD WEBSITE HAVING HUNDREDS OF DIFFERENT TYPES OF UPDATED FOREIGN SCHOLARSHIPS AND FELLOWSHIPS, RIGHT FROM NON-DEGREE, DEGREE TO POST DOC LEVELS.
- [www.scholarshipnet.info/](http://www.scholarshipnet.info/): GOOD INFORMATION ON INTERNATIONAL SCHOLARSHIP AND FELLOWSHIP INFORMATION.
- [www.findaphd.com/](http://www.findaphd.com/): GOOD WEBSITE THAT PROVIDES INFORMATION REGARDING AVAILABILITY OF FELLOWSHIPS FROM POSTGRADUATE TO POST DOC LEVEL ALL OVER THE WORLD.