

" AWARENESS PROGRAM ON FUTURE ASPECTS OF LIFE SCIENCES"

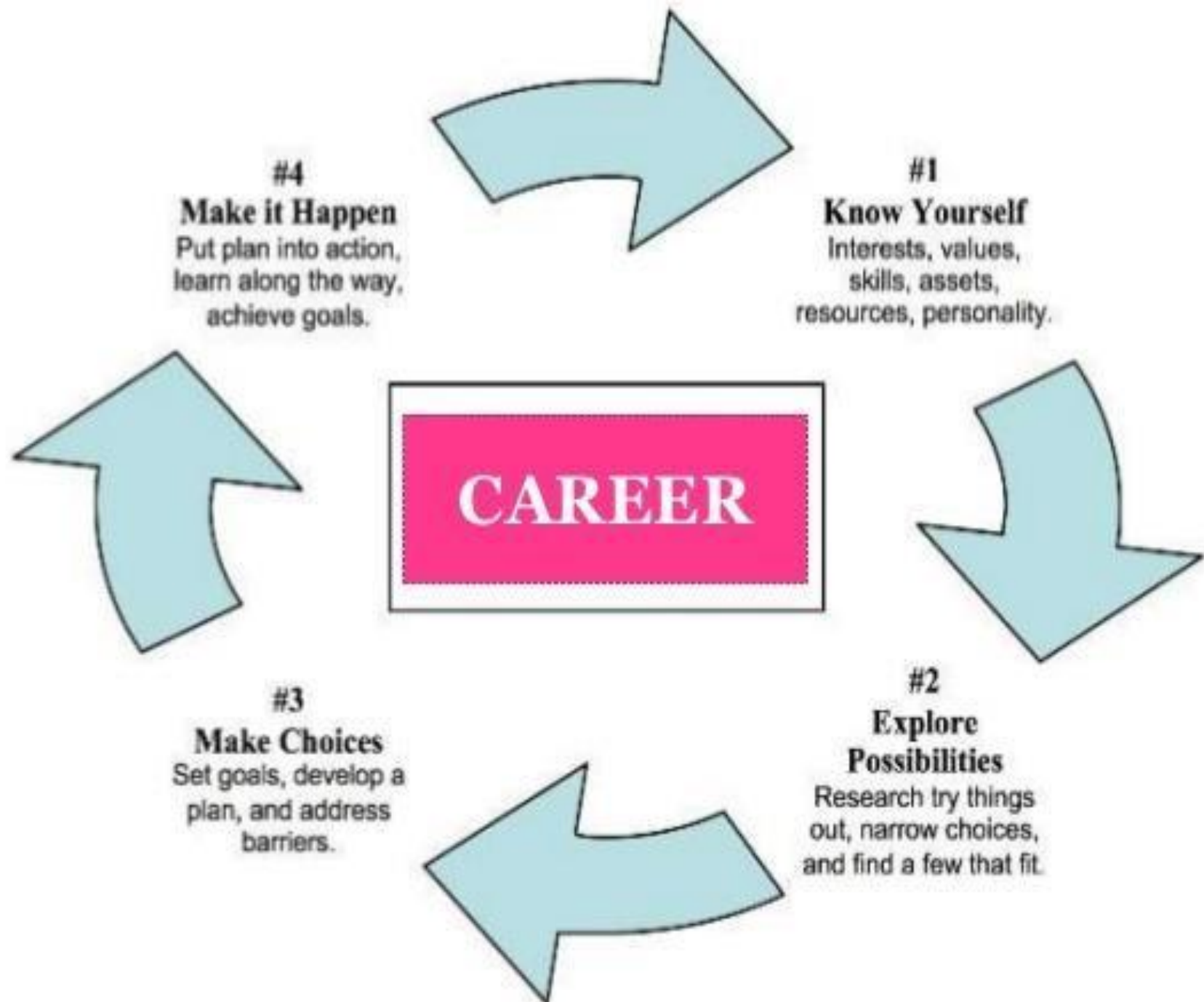
By

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graph TD; Career[Career] --> Education[Education Based Career]; Career --> Talent[Talent Based Career];
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Career

**Education
Based
Career**

**Talent Based
Career**

A career in Life science







SCIENCE IS A
WAY OF THINKING

Graduate Recruitment Market



- Number of Graduates continues to increase

More Graduates + Less Jobs

=

Greater Competition

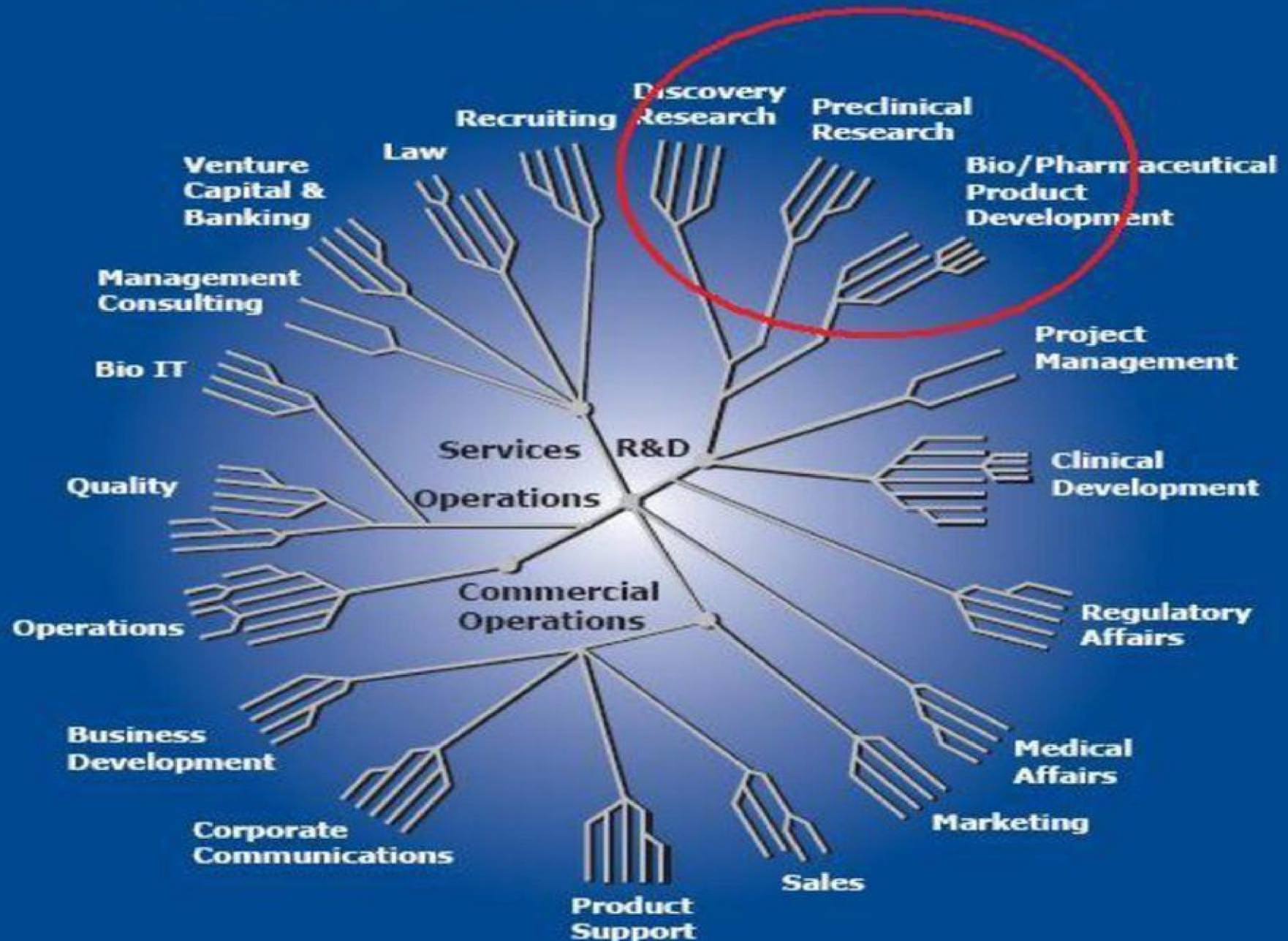


Employability skills and your degree



- Analytical
- Problem Solving
- Self Study
- Organisational
- IT Skills

Careers Overview in the Life Sciences





***"Companies are looking
for the best and brightest
students"***

According to Indian Higher Education statistics, there are nearly 35,500 affiliated colleges in India which enroll close to 20 million students every year.

37% of graduates go for Arts

19% for Science

18% Commerce

16% Engineering and Technology

Out of the 20 million opting to study;

86% are graduate students,

12% postgraduate students,

1% research students — and these numbers are changing significantly as more and more students prefer to enhance their career with higher education and master's degree.

This is an age in which there is rapid development in every branch of pure or applied sciences

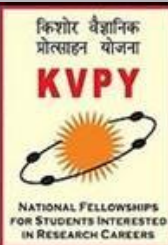


B.Sc Level Fellowship

S.No.	B.Sc. Scholarship Name	Details
1.	INSPIRE Scholarship	Know More
2.	HDFC Educational Crisis Scholarship Support (ECSS)	Know More
3.	Promotion of Science Education (POSE) Scholarship	Know More
4.	Kishore Vaigyanik Protsahan Yojana (KVPY)	Know More
5.	Dhirubhai Ambani Scholarship Programme	Know More
6.	Foundation for Academic Excellence and Access (FAEA) Scholarship	Know More
7.	Santoor Women's Scholarship	Know More
8.	IGCAR Junior Research Fellowship	Know More
9.	Ajmal National Talent Search Examination	Know More
10.	JM Sethia Merit Scholarship Scheme	Know More

11.	Central Sector Scheme of National Fellowship and Scholarship for Higher Education of ST Students	Know More
12.	Post-matric Scholarship for Student with Disabilities	Know More

M.Sc Level Fellowship



KISHORE VAIGYANIK PROTSAHAN YOJANA

(RUN BY INDIAN INSTITUTE OF SCIENCE)



HOME ABOUT KVPY COMMITTEES **FELLOWSHIPS** ELIGIBILITY SELECTION PROCEDURE APPLICATIONS FAQ FELLOWS RESULTS

FELLOWSHIPS

BASIC SCIENCES	Monthly Fellowship	Annual Contingency Grant
SA/SX/SB - during 1st to 3rd years of - B.Sc./B.S./B.Stat./B.Math. / Integrated M.Sc. /M.S.	Rs. 5000	Rs. 20000
SA/SX/SB - during M. Sc. / 4th to 5th years of Integrated M.Sc. /M.S./M.Math./M.Stat.	Rs. 7000	Rs. 28000

FELLOWSHIP SUMMARY

During 1st to 3rd year of - B.Sc./B.S./
B.Stat./B.Math./Integrated M.Sc. /M.S.

Monthly Stipend: Rs.5000
Annual Contingency Grant: Rs.20000



During 1st & 2nd year of M.Sc / 4th & 5th
year of Integrated M.Sc./M.S.

Monthly Stipend: Rs.7000
Annual Contingency Grant: Rs.28000



Eligibility

The applicants for the PMRF should:

- a.** have completed or be pursuing the final year of four (or five) year undergraduate or five year integrated M.Tech or five year integrated M.Sc. or 2 year M.Sc. or five year undergraduate-postgraduate dual degree programs in Science and Technology streams from IISc/IITs/NITs/IISERs/IIST and centrally funded IITs. These candidates should have secured a CGPA/CPI of at least 8.0 (on a 10-point scale). For applicants in the five year integrated or dual degree programs, if separate CGPAs/CPIs are awarded for UG and PG parts of the program then the CGPA/CPI of UG part (first four year) will be considered, **OR**
- b.** have completed or be pursuing the final year of four (or five) year undergraduate or five year integrated M.Tech or five year integrated M.Sc. or 2 year M.Sc. or five year undergraduate-postgraduate dual degree programs in Science and Technology streams from any other (not covered in a.) Institute / University recognized in India. These candidates should have secured a CGPA/CPI of at least 8.0 (on a 10-point scale) or equivalent till the last semester and have secured a score of 750 or higher in the respective GATE subject. **OR**



S.N Bose Scholar Program 2019

S.N Bose Scholar Program 2019 is organized by the Science and Engineering Board (SERB), Department of science and technology (DST), Govt. Of India, Indo-US Technology Forum and Win Step Forward. The scholarship envisages providing a world-class research platform in top US universities. It also aims at making Indo-US long-term collaboration in the field of research.

Eligibility Criteria

Candidate **pursuing bachelors or masters degree** from a recognized institution.

Scholarship Reward

The program includes:

- Airfare(roundtrip)
- Stipend
- Health Insurance

Note – This internship program which lasts for 10 to 12 week which will be in the month of May to July 2019.

Last date to Apply – **31st October 2019**

[Click here](#) to get Complete details



Bayer Science & Education Foundation - Jeff Schell Scholarships, 2019

- 🎓 Masters, PhD
- ③ Partial Funding
- 📖 Agricultural Sciences
- 🚩 Open to all nationals
- 📍 Institutions in Germany (foreign applicants) and Abroad (German applicants)

☆ Shortlist

📄 View & Apply

Expired
Try next time



G. P. Birla Scholarships In India, 2019-20

- 🎓 Bachelors
- ③ Full Funding
- 📖 Science, Humanities, Engineering, Medicine, Architecture, Commerce, Law, Chartered Accountancy, Company Secretary and Cost Accountancy
- 🚩 Open to Indian nationals
- 📍 Recognized Universities in India

☆ Shortlist

📄 View & Apply

Expired
Try next time



National Merit Scholarships In India, 2019

- 🎓 Bachelors, Masters
- ③ Partial Funding
- 📖 Subjects offered by the University
- 🚩 Open to Indian nationals
- 📍 Colleges and Universities in India

☆ Shortlist

📄 View & Apply

Deadline
varies



Foundation For Academic Excellence And Access Scholarships In India, 2019

- 🎓 Bachelors ③ Full Funding
- 📖 Subjects offered by the University
- 🚩 Open to Indian nationals
- 📍 Educational Institutions in India

☆ Shortlist

📄 View & Apply

Expired
Try next time



Aditya Birla Group Scholarships In India, 2019

- 🎓 Bachelors, Masters, MBA ③ Partial Funding
- 📖 Engineering, MBA, Law
- 🚩 Open to applicants of India from selected institutions
- 📍 Selected Universities in India

☆ Shortlist

📄 View & Apply

Deadline
varies



Nestle Nutrition Institute - Research Training Fellowships, 2019

- 🎓 Masters, PhD ③ Partial Funding
- 📖 Young women's health, mother and child health and nutrition
- 🚩 Open to all nationalities
- 📍 All institutions offering a training program in Maternal and/or Child Health and Nutrition

☆ Shortlist

📄 View & Apply

Expires in
46 days

1. General Scholarships Scheme—GSS, 2017

General Scholarships Scheme—GSS, 2017 is a Full Funding international scholarship offered by the [Government of India](#) for international students. Students eligible for this scholarship are: Open to applicants from certain Asian, African and Latin American countries

This [Bachelors/Undergraduate, Masters, PhD](#) scholarship can be taken for pursuing in Various subjects except for MBBS, BDS or medical research . Deadline varies is the deadline to send applications for General Scholarships Scheme —GSS, 2017 . The value of the scholarship is Living allowance, tuition fees, contingent allowance, and house rent allowance. This scholarship can be taken at Selected Indian universities . The scholarship application form can be seen [here](#)

[Check out](#) other international scholarships, fellowships and grants offered by Government of India.

Top Class Education Scholarship (for ST Students), 2017

Top Class Education Scholarship (for ST Students), 2017 is a Full Funding international scholarship offered by the [Government of India](#) for international students. Students eligible for this scholarship are: Open to nationals of India

This [Bachelors/Undergraduate, Masters](#) scholarship can be taken for pursuing in All subjects. Deadline varies is the deadline to send applications for Top Class Education Scholarship (for ST Students), 2017. The value of the scholarship is full tuition, living expenses of Rs. 2200/- per month, and other expenses . This scholarship can be taken at Any of 213 Government identified quality educational institutions . The scholarship application form can be seen [here](#)

[Check out](#) other international scholarships, fellowships and grants offered by Government of India.

3. Central Sector Scholarship (For SC Students)

Central Sector Scholarship (For SC Students) is a Partial Funding international scholarship offered by the [Government of India](#) for international students. Students eligible for this scholarship are: Open to applicants of India

This [Bachelors/Undergraduate, Masters, PhD, Post Doc, Diploma](#) scholarship can be taken for pursuing in All subjects. 30 Sep is the deadline to send applications for Central Sector Scholarship (For SC Students). The value of the scholarship is .. This scholarship can be taken at All Government identified institutions . The scholarship application form can be seen [here](#)

[Check out](#) other international scholarships, fellowships and grants offered by Government of India.

6. Raman Charpak Fellowship Program, 2019

Raman Charpak Fellowship Program, 2019 is a Partial Funding international scholarship offered by the [Government of India](#) for international students. Students eligible for this scholarship are: Open to French and Indian applicants

This [Masters, PhD](#) scholarship can be taken for pursuing in Programs offered by the chosen university. 01 Jun is the deadline to send applications for Raman Charpak Fellowship Program, 2019. The value of the scholarship is 1500 Euros per month (Indians); 40,000 per month (French) + other benefits. This scholarship can be taken at Research Institutes / Universities in India or France . The scholarship application form can be seen [here](#)

[Check out](#) other international scholarships, fellowships and grants offered by Government of India.

- ▣ Sitaram Jindal Scholarship Scheme For Postgraduate Students 2019
- ▣ Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulk
Shishyavrutti Yojna, Maharashtra
- ▣ Technical Education Scholarship For PG/Degree/Engineering Courses, Himachal Pradesh 2019

- ▣ IndusInd Foundation Scholarship For Postgraduate Students
- ▣ Mahabir Pratap Singh Foundation Scholarship 2019,BIOTECHNOLOGY
- ▣ DuPont Nutri Scholars Award 2019

- ▣ The candidate while preparing for the test should give importance to the following areas
1.Analytical 2.Logical reasoning 3.English language proficiency

“PHARMACY RESEARCH”

Pharmacy: the art, practice, or profession of preparing, preserving, compounding, and dispensing medical drugs

Research: studious inquiry or examination; especially: investigation or experimentation aimed at the discovery and interpretation of facts, revision of accepted theories or laws in the light of new facts, or practical application of such new or revised theories or laws

Pharmaceutical Sciences (including Pharmaceutics, Pharmacology,
Pharmacognosy, **Pharmaceutical Chemistry** and **Pharmacy Practice** etc)

Medical Sciences (Pre-clinical, clinical)

Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homoeopathy

(AYUSH)

**Areas of Pharmacy research may include
several areas of study such as**

- Chemistry, stereochemistry and chiral techniques
- Clinical studies, Clinical toxicology, Pharmacology,
- Community pharmacy,
- Computational biology, Biostatistics,
- Cosmetology,
- Drug safety,
- Forensic pharmacy,
- Genetics,
- Health economics,
- Imaging Techniques
- Industrial pharmacy,
- Medical writing,



- Medicinal biochemistry,
- Medicine access and rational use,
- Medicines policy and governance,
- Patenting, Regulatory affairs,
- intellectual property rights in
pharmacy,
- Patho-physiology,
- Pharmaceutical biotechnology,
- Chemistry / Microbiology,
- Pharmaceutics, Pharmacokinetics,
- Safety and standards,
- Research information,
- Quality assurance,

1. Health Care Providers
2. Agriculture Industry
3. Pharmaceuticals and Biotechnology Industry
4. Testing Laboratories
5. Forensic Crime Research
6. Forest Services
7. Educational Institutes
8. Wildlife and Fishery Departments
9. Seed and Nursery Companies
10. Environmental Management and Conservation
11. Food Institutes
12. Chemical Industry
13. Geological Survey Departments



1. Health Care Providers (BPO)

Healthcare & Life Sciences Information Technology Services (ITS) Reports

Business process outsourcing is defined as a subset of outsourcing that involves the contracting of the operations and responsibilities of a specific business process to a third-party service provider

Medical Coding Services

Outsourced Billing & Collection Services

Medical Billing Services

Medical Data Entry Services

Medical Insurance Claims Processing Services



2. Agriculture Industry

If you have the passion, skills and knowledge, there are several opportunities.

ICRISAT *The International Crops Research Institute for the Semi-Arid Tropics is an International organization which conducts agricultural research*

Central Institute for Cotton Research **(CICR)**

Central Institute of Medicinal and Aromatic Plants **(CIMAP)**

ICAR-Central Sheep and Wool Research Institute **(ICAR-CSWRI)**

Central Soil Salinity Research Institute **(IISS)**

Centre for Sustainable Agriculture **(CSA)**

The Indian Institute of Spices Research **(IISR)**

The Indian Institute of Sugarcane Research

The Indian Agricultural Research Institute **(IARI)**

Indian Institute of Agricultural Biotechnology **(IIAB)**

The Indian Institute of Food Processing Technology (Formerly Indian Institute of Crop Processing Technology) **(IIFPT)**

The Indian Institute of Horticultural Research **(IIHR)**

The Indian Institute of Natural Resins and Gums **(IINRG)**

The Indian Institute of Plantation Management **(IIPM)**

Research Firms

3. Pharmaceuticals & Biotechnology Industry

Medical Writing (Technical Copy Writing)

Scientific Journalism

Healthcare Informatics

Data Science & Big Data Analytics

Product Marketing & Management

Market Research & Consulting

Intellectual Property & Patent Law

Regulatory Affairs

Entrepreneurship

Primary & Secondary (Online)

Research

Communication Skills (Written & Verbal)

Critical Thinking

Problem Solving

Teamwork

Language

Computing & IT

Data Analysis & Interpretation

Public Speaking

Networking

4. Testing Laboratories

- Central Drugs Laboratory- ,*HIMACHAL PRADESH*
- Controllerate of Quality Assurance (Materials), Drugs Test House-*KANPUR*
- Indian Pharmacopoeia Commission (Indian Pharmacopoeia Laboratory)-*U.P*
- National Dope Testing Laboratory (NDTL) – *NEW DELHI*
- National Institute of Biologicals, Ministry of Health & Family Welfare-*NOIDA*
- Punjab Biotechnology Incubator – *MOHALI*
- Quality Control & Assurance, Indian Institute of Integrative Medicine- *JAMMU*
- Drugs Testing Laboratory- *BANGALORE*
- Food & Drugs controller Laboratory- *VADODARA*
- Central Drugs Laboratory- *KOLKATA*
- Regional Drugs Testing Laboratory - *ASSAM*

Skills Required

Knowledge of various fields of science

Technical Skills

Intelligent

Strong Analytical Skills

Keen Observation

Top Recruiters

Intelligence Bureau (IB)

Central Bureau of Investigation (CBI)

Central Govt. Forensic Sciences Labs

Hospitals / Banks

Private Detective Agencies

Law Firms / Police Department

Quality Control Bureau

Universities

Defense/Army

5. Forensic Crime Research

Job Profiles

- ***Investigative officers***
- ***Legal counselors***
- ***Forensic Expert***
- ***Forensic Scientist***
- ***Crime Scene Investigator***
- ***Teacher / Professor***
- ***Crime Reporter***
- ***Forensic Engineer***
- ***Law Consultant***
- ***Handwriting Expert***



**Forensic and
Criminal Investigation**



6. Forest Services



Indian Forest Service (IFS) (भारतीय वन सेवा)

Recruitment to this service is done by the Union Public Service Commission (UPSC) through a competitive examination every year.

7.Educational Institutes

India has 850 operational universities as of April 2018.

With both the Government and the private sector stepping up to invest in the Indian education sector, the number of schools and colleges have seen an uptrend over the past few years

Government's initiative to increase awareness among all sections of the society has played a major role in promoting higher education among the youth

Central Universities

State Universities

Private University

Deemed-to-be Universities

University-level institutions.

Indian Institute of Science (IISc) Bangalore

Indian Institute of Technology (IIT), Madras (IIT)

Indian Institute of Technology Bombay

Banaras Hindu University

8. Wildlife and Fishery Departments



Fisheries Institutes under the control of the Department Central Institute of Fisheries,
Nautical & Engineering Training (**CIFNET**), Cochin

Central Institute of Coastal Engineering for Fishery, (**CICEF**), Bangalore

Fishery Survey of India (**FSI**), Mumbai

National Institute of Fisheries Post Harvest Technology and Training (**NIFPHATT**),
Cochin

Coastal Aquaculture Authority (**CAA**), Chennai

National Fisheries Development Board (**NFDB**), Hyderabad

National Federation of Fishers Cooperatives Ltd. (**FISHCOPFED**), New Delhi

Ministry of Environment, Forest and Climate Change (MoEFCC)

Zoological Survey of India (ZSI)

Wildlife Crime Control Bureau

Central Zoo Authority

Wildlife Institute of India

National Biodiversity Authority (NBA)

Animal Welfare Board of India



Ministry of Environment, Forest
& Climate Change



Central Zoo Authority
केन्द्रीय चिड़ियाघर प्राधिकरण



Sow the seeds of a career with botany

9. Seed and Nursery Companies

Agro Associate or Field Manager

Botany Project Assistant

Senior Research Fellow (or) Young Professional Agriculture

Field Assistant/ JRF

Indian Agricultural Research Institute (IARI) offers the job of Lab Assistant

Forest Range Officer in Forest Department

Environmental consultant

Farming consultant

Plant pathologist

Plant biochemist

Nursery manager

*Seed And Nursery Companies
Plant Health Inspection Services
Educational Institutions
Plant Resources Laboratory
Food Companies*

- Botanical Survey of India (BSI) as Botanical Assistant – 4.2 lac /- per Annum
- Preservation Assistant- 3.5 Lac /- per Annum
- Agharkar Research Institute as Junior Scientific Assistant- 3 Lac /- per Annum
- Project Assistant in National Institute of Oceanography (NIO) – 2 lac / per Annum
- Indian Agricultural Research Institute Lab Assistant- 2.5 lac / per Annum
- Forest Range – 5 lac/ Per Annum



Floriculturists are also recruited by government bodies namely

Indian Council for Agricultural Research (ICAR)

Indian Agricultural Research Institute (IARI)

Agricultural and Processed Food Products Export Development Authority (APEDA)

Defence Institute of Bio-Energy Research (DIBER)

CSIR-National Botanical Research Institute (NBRI)

NATIONAL SEED ASSOCIATION OF INDIA (NSAI)



Some of the Job Profiles given below under Floriculture Courses

- ❖ *Floral Designers*
- ❖ *Interior Decorator*
- ❖ *Production Managers*
- ❖ *Management Analysts*
- ❖ *Floral Wholesaler*
- ❖ *Sales Representatives*
- ❖ *Landscape Technician*



*Floriculture
is an Exciting
Career Option
in India.*



- Environmental Scientist
- Environmental Consultant
- Environmental Science Manager
- Environment Journalists
- Conservation Hydrologist
- Director of Waste Management
- Environmental education officer
- Environmental engineer
- Environmental manager
- Marine biologist
- Nature conservation officer
- Recycling officer
- Sustainability consultant
- Water quality scientist

"Environmental Science is a broad and generalized field with endless job opportunities."



National Level Departments/ Organizations

- Industries , distilleries, fertilizer plants, mines, refineries, textile mills etc.
- Social Development
- Research and Development
- Forest and Wildlife Management
- NGOs
- Pollution Control Boards
- Urban Planning
- Water Resources and Agriculture
- Public Institutions and Private Industries and Firms
- Colleges and Universities
- Ministry of Environment and Forests



International Organizations

These organizations are involved in environmental management, and conservation efforts:

(IPCC)

United Nations Environment Programme (UNEP)

Earth System Governance Project

Embassies and other Inter-national organization related to environment

11. Food Institutes

Some of the job profiles in the field of food technology are as the following

- *Food Technologists*
- *Organic Chemists*
- *Biochemists*
- *Analytical Chemists*
- *Home Economists*
- *Engineers*
- *Research Scientists*
- *Managers*
- *Accountants*
- *Senior Food Technologist*
- *Head Engineer*
- *Production Manager*
- *Assistant General Manager*
- *Senior Manager*



Some of the reputed recruiters in the field of food technology are as the following

- *MTR Foods limited*
- *Amul*
- *Dabur India Ltd*
- *Godrej Industrial Limited*
- *PepsiCo India Holdings*
- *Britannia Industries Ltd*
- *Nestle India Pvt Ltd*
- *ITC Limited*
- *Agro Tech Foods*
- *Parle Products Pvt Ltd*
- *Perfetti India Ltd*
- *Hindustan Lever Limited*
- *Cadbury India Ltd*
- *Milkfood*
- *Gits Food Products Pvt Ltd*



Top Academic & Research Institutes in India

Central Food Technological Research Institute (CFTRI)
National Institute of Food Technology Entrepreneurship and Management (NIFTEM)
Indian Institute of Crop Processing Technology (IICPT)
National Agri-Food Biotechnology Institute (NABI)
Food and Drug Toxicology Research Centre (FDTRC)
National Institute of Nutrition (NIN)
Indian Institute of Toxicology Research (IITR)
Indian Agricultural Research Institute (IARI)
International Life Sciences Institute – India (ILSI)
National Dairy Research Institute (NDRI)
Department of Food Science and Nutrition, SNDT Women's University
School of Life Sciences, JNU
Agricultural & Food Engineering Department, IIT Kharagpur
Central Institute of Post-Harvest Engineering & Technology (CIPHET)
Indian Veterinary Research Institute (IVRI)
National Institute of High Security Animal Diseases (NIHSAD)
Central Marine Fisheries Research Institute (CMFRI)
Indian Institute of Vegetable Research (IIVR)
National Institute of Abiotic Stress Management (NIAM)
Central Institute of Fisheries Education (CIFE)

12. Chemical Industry

- Analytical Chemist
- Biomedical Chemist
- Quality Controller
- Safety Health and Environment Specialist
- Teacher
- Chemical Engg Associate
- Industrial Research Scientist
- Lab Chemist etc



Defense Research Development and Organization (DRDO),
Council of Scientific and Industrial Research (CSIR)
Bhabha Atomic Research Centre (BARC)

- Pharmaceutical Companies
- Agrochemical Industry
- Petrochemical Industry
- Toiletry Industry
- Plastic Manufacturing Units
- Chemical Manufacturers
- Food Processing Firms
- Paint Manufacturing Companies
- Plastics Industries
- Textile Industries
- Educational Institutes
- Independent laboratories
- Environmental Law
- Patent Law Firms
- Space Exploration Agencies
- Forensic Science Department
- Ceramics Industry
- Paper Industry
- Military Systems Department



Council of Scientific and Industrial Research(C.S.I.R)

- ▣ Established 26 September 1942

Career Scope After Pursuing M.Sc. Biological Science from IITs and IISC

Biological Science is used in scientific research, detection, prevention, and treatment of human diseases. So, we can say that it is an important part of life and natural science.

M.Sc. in Biological Science offers career opportunities in various fields such as:

- Laboratory
- Scientific research and development
- Bioinstrumentation
- Medical imaging
- Drug design and delivery
- Medical equipment manufacturing
- Hospitals and healthcare
- Consultant and management

General Biology:

BIOLOGICAL SCIENCES (BL)

IIT JAM Syllabus for Biotechnology (BT)

- ▣ *Basics of Biochemistry, Molecular Biology, Biophysics*
- ▣ *Microbiology, Cell Biology and Immunology*
 - ▣ *Mathematical Sciences:*
- ▣ BIOTECHNOLOGY (BT) The Biotechnology (BT) test paper comprises of Biology (44% weightage of 10+2+3 level), Chemistry (20%

M.SC BIOTECHNOLOGY-IITS

weightage of 10+2+3 level), Mathematics (18% weightage¹ of 10+2 level) and Physics (18% weightage of 10+2 level).

- ▣ IIT Bombay ▣ IIT Roorkee
- ▣ IIT Indore
- ▣ National Institute of Technology, Rourkela
- ▣ MSc in Life Science
 - ▣ AMPRI - Advanced Materials and Processes Research Institute, Bhopal

- ▣ C-MMACS - CSIR Centre for Mathematical Modelling and Computer Simulation, Bangalore
- ▣ CBRI - CSIR-Central Building Research Institute, Roorkee
- ▣ CCMB- **Centre for Cellular and Molecular Biology, Hyderabad**
- ▣ CDRI - **Central Drug Research Institute, Lucknow**
- ▣ CECRI- Central Electro Chemical Research Institute, Karaikudi
- ▣ CEERI - Central Electronics Engineering Research Institute, Pilani
- ▣ CFTRI - **Central Food Technological Research Institute, Mysore**
- ▣ CGCRI - Central Glass and Ceramic Research Institute, Kolkata
- ▣ CIMAP - **Central Institute of Medicinal and Aromatic Plants, Lucknow**
- ▣ CIMFR - Central Institute of Mining and Fuel Research, Dhanbad
- ▣ CLRI - **Central Leather Research Institute, Chennai**
- ▣ CMERI - Central mechanical engineering research institute, Durgapur
- ▣ CRRRI - Central Road Research Institute, New Delhi
- ▣ CSIO - **Central Scientific Instruments Organisation, Chandigarh**
- ▣ CSMCRI - **Central Salt and Marine Chemicals Research Institute, Bhavnagar**
- ▣ IGIB - **Institute of Genomics and Integrative Biology, Delhi**
- ▣ IHBT - **Institute of Himalayan Bioresource Technology, Palampur**
- ▣ IICB - **Indian Institute of Chemical Biology, Kolkata**
- ▣ IICT - **Indian Institute of Chemical Technology, Hyderabad**

- ▣ IIIM, Jammu - Indian Institute of Integrative Medicine, Jammu
- ▣ IIP - Indian Institute of Petroleum, Dehradun
- ▣ IMMT - Institute of Minerals and Materials Technology, Bhubaneswar
- ▣ IMTECH - Institute of Microbial Technology, Chandigarh
- ▣ IITR - Indian Institute of Toxicology Research, Lucknow (formerly known as Industrial Toxicology Research Centre)
- ▣ NAL - National Aerospace Laboratories, Bangalore
- ▣ NBRI - National Botanical Research Institute, Lucknow
- ▣ NCL - National Chemical Laboratory, Pune
- ▣ NEERI - National Environmental Engineering Research Institute, Nagpur
- ▣ NEIST (RRL), Jorhat - North East Institute of Science and Technology, Jorhat , Jorhat
- ▣ NGRI - National Geophysical Research Institute, Hyderabad
- ▣ NIIST - National Institute for Interdisciplinary Science and Technology - Thiruvananthapuram
- ▣ NIO - National Institute of Oceanography, Goa
- ▣ NISCAIR - National Institute of Science Communication and Information Resources, New Delhi
- ▣ NISTADS - National Institute of Science, Technology and Development Studies, New Delhi
- ▣ NML - National Metallurgical Laboratory, Jamshedpur
- ▣ NPL - National Physical Laboratory, New Delhi
- ▣ OSDD - Open Source Drug Discovery

- ▣ SERC, M - Structural Engineering Research Centre, Chennai
- ▣ URDIP Unit for Research and Development of Information Products, Pune

List of IIT 'S

Sl No	Name	Abbreviations ^[citation needed]	Founded	Established (as IIT)	State/UT
1	IIT Kharagpur	IITKGP	1951	1951	West Bengal
2	IIT Bombay	IITB	1958	1958	Maharashtra
3	IIT Madras	IITM	1959	1959	Tamil Nadu
4	IIT Kanpur	IITK	1959	1959	Uttar Pradesh
5	IIT Delhi	IITD	1961	1963	Delhi
6	IIT Guwahati	IITG	1994	1994	Assam
7	IIT Roorkee	IITR	1847	2001	Uttarakhand

8	IIT Ropar	IITRPR	2008	2008	Punjab
9	IIT Bhubaneswar	IITBBS	2008	2008	Odisha
10	IIT Gandhinagar	IITGN	2008	2008	Gujarat
11	IIT Hyderabad	IITH	2008	2008	Telangana
12	IIT Jodhpur	IITJ	2008	2008	Rajasthan
13	IIT Patna	IITP	2008	2008	Bihar
14	IIT Indore	IITI	2009	2009	Madhya Pradesh
15	IIT Mandi	IITMandi	2009	2009	Himachal Pradesh
16	IIT (BHU) Varanasi	IIT (BHU)	1919	2012	Uttar Pradesh
17	IIT Palakkad	IITPKD	2015 ^[9]	2015 ^[9]	Kerala
18	IIT Tirupati	IITTP	2015	2015	Andhra Pradesh
19	IIT (ISM) Dhanbad	IIT (ISM)	1926	2016	Jharkhand
20	IIT Bhilai ^[10]	IITBH	2016	2016	Chhattisgarh
21	IIT Goa ^[11]	IITGOA	2016	2016	Goa
22	IIT Jammu ^[12]	IITJM	2016	2016	Jammu and Kashmir
23	IIT Dharwad ^[13]	IITDH	2016	2016	Karnataka

National Institutes of Technology (NIT)

NITs and locations, sorted by date of establishment^[5]

Serial No ⇅	Name ⇅	Short Name ⇅	Founded ⇅	Established ⇅	City/Town ⇅	State/UT ⇅
1	NIT Allahabad	MNNIT	1961	2001	Allahabad	Uttar Pradesh
2	NIT Bhopal	MANIT	1960	2002	Bhopal	Madhya Pradesh
3	NIT Calicut	NITC	1961	2002	Calicut	Kerala
4	NIT Hamirpur	NITH	1986	2002	Hamirpur	Himachal Pradesh
5	NIT Jaipur	MNIT	1963	2002	Jaipur	Rajasthan
6	NIT Jalandhar	NITJ	1987	2002	Jalandhar	Punjab
7	NIT Jamshedpur	NITJSR	1960	2002	Jamshedpur	Jharkhand
8	NIT Kurukshetra	NITKKR	1963	2002	Kurukshetra	Haryana
9	NIT Nagpur	VNIT	1960	2002	Nagpur	Maharashtra
10	NIT Rourkela	NITRKL	1961	2002	Rourkela	Odisha
11	NIT Silchar	NITS	1967	2002	Silchar	Assam
12	NIT Karnataka	NITK	1960	2002	Mangalore	Karnataka
13	NIT Warangal	NITW	1959	2002	Warangal	Telangana
14	NIT Durgapur	NITDGP	1960	2003	Durgapur	West Bengal
15	NIT Srinagar	NITSRI	1960	2003	Srinagar	Jammu and Kashmir
16	NIT Surat	SVNIT	1961	2003	Surat	Gujarat
17	NIT Trichy	NITT	1964	2003	Trichy	Tamil Nadu

18	NIT Patna	NITP	1886	2004	Patna	Bihar
19	NIT Raipur	NITRR	1956	2005	Raipur	Chhattisgarh
20	NIT Agartala	NITA	1965	2006	Agartala	Tripura
21	NIT Arunachal Pradesh	NITAP	2010	2010	Yupia	Arunachal Pradesh
22	NIT Delhi	NITD	2010	2010	New Delhi	Delhi
23	NIT Goa	NITG	2010	2010	Farmagudi	Goa
24	NIT Manipur	NITMN	2010	2010	Imphal	Manipur
25	NIT Meghalaya	NITM	2010	2010	Shillong	Meghalaya
26	NIT Mizoram	NITMZ	2010	2010	Aizawl	Mizoram
27	NIT Nagaland	NITN	2010	2010	Dimapur	Nagaland
28	NIT Puducherry	NITPY	2010	2010	Karaikal	Puducherry
29	NIT Sikkim	NITSKM	2010	2010	Ravangla	Sikkim
30	NIT Uttarakhand	NITUK	2010	2010	Srinagar	Jammu and Kashmir
31	NIT Andhra Pradesh	NITANP	2015	2015	Tadepalligudem	Andhra Pradesh

Indian Institutes of Science Education and Research (IISERs)

- ▣ To create quality education and research in basic sciences.
- ▣ To attract and nurture high-quality academic faculty.
- ▣ To create integrated Masters Programme in sciences, in order to provide entry into research at a younger age. In addition, the Institutes will have integrated programmes leading to Masters and Ph.Ds to those who hold a Bachelor's degree in science.
- ▣ To make possible a flexible borderless curriculum in sciences.
- ▣ To actively forge strong relationship with existing universities and colleges and network with laboratories and institutions.
- ▣ To establish advanced Research Laboratories and Central facilities.

Admission in undergraduate courses in IISERs is through extended merit list of IIT-Joint Entrance Examination, Kishore Vaigyanik

List of Indian Institutes of Science Education and Research (IISERs)

Protsahan Yojana (KVPY) and Direct Admission based on class X & XII performance in science stream.

- ▣ 1. Indian Institute of Science Education and Research (IISER), Kolkata, 2006
- ▣ 2. Indian Institute of Science Education and Research (IISER), Pune, 2006
- ▣ 3. Indian Institute of Science Education and Research (IISER), Mohali, 2007
- ▣ 4. Indian Institute of Science Education and Research (IISER), Bhopal, 2008
- ▣ 5. Indian Institute of Science Education and Research (IISER), Thiruvananthapuram, 2008

- ▣ 6. Indian Institute of Science Education and Research (IISER), Tirupati, 2015
- ▣ 7. Indian Institute of Science Education and Research (IISER), Berhampur, 2016



सत्यमेव जयते

MHRD

Department of Higher Education
Ministry of Human Resource Development
Government of India

Central Universities:40

- ▣ 1. UNIVERSITY OF DELHI,
- ▣ 2. NORTH EASTERN HILL UNIVERSITY
- ▣ 3. ASSAM UNIVERSITY
- ▣ 4. TEZPUR UNIVERSITY
- ▣ 5. MIZORAM UNIVERSITY
- ▣ 6. NAGALAND UNIVERSITY
- ▣ 7. MANIPUR UNIVERSITY
- ▣ 8. UNIVERSITY OF ALLAHABAD
- ▣ 9. RAJIV GANDHI UNIVERSITY
- ▣ 10. TRIPURA UNIVERSITY
- ▣ 11. SIKKIM UNIVERSITY
- ▣ 12. THE ENGLISH AND FOREIGN LANGUAGES UNIVERSITY
- ▣ 13. ALIGARH MUSLIM UNIVERSITY
- ▣ 14. BANARAS HINDU UNIVERSITY
- ▣ 15. JAWAHARLAL NEHRU UNIVERSITY
- ▣ 16. JAMIA MILLIA ISLAMIA
- ▣ 17. VISVA BHARATI
- ▣ 18. UNIVERSITY OF HYDERABAD
- ▣ 19. PONDICHERRY UNIVERSITY
- ▣ 20. BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY, LUCKNOW
- ▣ 21. MAULANA AZAD NATIONAL URDU UNIVERSITY
- ▣ 22. MAHATMA GANDHI ANTARRASHTRIYA HINDI VISHWAVIDYALAYA
- ▣ 23. INDIRA GANDHI NATIONAL OPEN UNIVERSITY (IGNOU)
- ▣ 24. INDIRA GANDHI NATIONAL TRIBAL UNIVERSITY
- ▣ 25. CENTRAL UNIVERSITY OF BIHAR
- ▣ 26. GURU GHASIDAS VISHWAVIDYALAYA
- ▣ 27. CENTRAL UNIVERSITY OF GUJARAT
- ▣ 28. CENTRAL UNIVERSITY OF HARYANA

- ▣ 29. CENTRAL UNIVERSITY OF HIMACHAL PRADESH
- ▣ 30. CENTRAL UNIVERSITY OF KASHMIR
- ▣ 31. CENTRAL UNIVERSITY OF JHARKHAND
- ▣ 32. CENTRAL UNIVERSITY OF KARNATAKA
- ▣ 33. CENTRAL UNIVERSITY OF KERALA
- ▣ 34. Dr. HARISINGH GOUR VISHWAVIDYALAYA
- ▣ 35. CENTRAL UNIVERSITY OF ORISSA
- ▣ 36. CENTRAL UNIVERSITY OF PUNJAB
- ▣ 37. CENTRAL UNIVERSITY OF RAJASTHAN
- ▣ 38. CENTRAL UNIVERSITY OF TAMIL NADU

- ▣ 39. HEMWATI NANDAN BAHUGUNA GARWAL UNIVERSITY
- ▣ 40. CENTRAL UNIVERSITY OF JAMMU

**Other Central Universities which are not under
Ministry of HRD**

▣ 1. SOUTH ASIAN UNIVERSITY

- ▣ The South Asian University is an International University sponsored by the eight Member States of the South Asian Association for Regional Cooperation (SAARC). The eight countries are: Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and

Sri Lanka. The formal Agreement to establish the University was signed on April 4, 2007

- ▣ 2. **NALANDA UNIVERSITY**
- ▣ 3. **CENTRAL AGRICULTURAL UNIVERSITY**
- ▣ 4. **INDIAN MARITIME UNIVERSITY**
- ▣ 5. **RAJIV GANDHI NATIONAL AVIATION UNIVERSITY**

Indian Institutes of Management (IIM)

Name	Photo	Short Name	Established ^[12]	Location	State/UT	Website	Notes
First generation							
Indian Institute of Management Calcutta		IIM-C	1961	Kolkata	West Bengal	iimcal.ac.in	[a]
Indian Institute of Management Ahmedabad		IIM-A	1961	Ahmedabad	Gujarat	iima.ac.in	[b]
Indian Institute of Management Bangalore		IIM-B	1973	Bangalore	Karnataka	iimb.ac.in	
Indian Institute of Management Lucknow		IIM-L	1984	Lucknow	Uttar Pradesh	iiml.ac.in	
Indian Institute of Management Kozhikode		IIM-K	1996	Kozhikode	Kerala	iimk.ac.in	[c]
Indian Institute of Management Indore		IIM-I	1996	Indore	Madhya Pradesh	iimidr.ac.in	

Second generation

Indian Institute of Management Shillong		IIM-S	2007	Shillong	Meghalaya	iimshillong.ac.in	
Indian Institute of Management Rohtak		IIM-R	2010	Rohtak	Haryana	iimrohtak.ac.in	[d]
Indian Institute of Management Ranchi		IIM-Ranchi	2010	Ranchi	Jharkhand	iimranchi.ac.in	[e]
Indian Institute of Management Raipur		IIM-Raipur	2010	Raipur	Chhattisgarh	iimraipur.ac.in	[f]
Indian Institute of Management Tiruchirappalli		IIM-T	2011	Tiruchirappalli	Tamil Nadu	iimtrichy.ac.in	[g]
Indian Institute of Management Kashipur		IIM-Kashipur	2011	Kashipur	Uttarakhand	iimkashipur.ac.in	[h]
Indian Institute of Management Udaipur		IIM-U	2011	Udaipur	Rajasthan	iimu.ac.in	[i]

Third generation							
Indian Institute of Management Nagpur		IIM-N	2015	Nagpur	Maharashtra	iimnagpur.ac.in	[j]
Indian Institute of Management Amritsar		IIM Amritsar	2015	Amritsar	Punjab	iimamritsar.ac.in	[k]
Indian Institute of Management Bodh Gaya		IIM-BG	2015	Bodh Gaya	Bihar	iimbg.ac.in	[l]
Indian Institute of Management Sirmour		IIM Sirmour	2015	Sirmour district	Himachal Pradesh	iimsirmour.ac.in	[m]
Indian Institute of Management Visakhapatnam		IIM-V	2015	Visakhapatnam	Andhra Pradesh	iimv.ac.in	[n]
Indian Institute of Management Sambalpur		IIM Sambalpur	2015	Sambalpur	Odisha	iimsambalpur.ac.in	[o]
Indian Institute of Management Jammu		IIM Jammu	2016	Jammu	Jammu and Kashmir	iimj.ac.in	[p]

TOTAL :- 20

List of state universities in India

State universities in India by state

State	Fit under Section 12 (B)?		Total universities ^[4]
	Yes ^[11]	No	
Andhra Pradesh	13	7	20
Assam	4	8	12
Bihar	11	4	15
Chandigarh	1	0	1
Chhattisgarh	4	9	13
Delhi	5	2	7
Goa	1	0	1
Gujarat	12	16	28
Haryana	11	3	14
Himachal Pradesh	3	1	4
Jammu and Kashmir	6	3	9
Jharkhand	4	4	8
Karnataka	16	10	26 ^[note 1]
Kerala	9	4	13
Madhya Pradesh	12	9	21

Maharashtra	17	8	23
Manipur	0	1	1
Odisha	10	6	16
Punjab	7	2	9
Rajasthan	11	10	21 ^[note 1]
Tamil Nadu	19	3	22
Telangana	11	5	16
Tripura	0	1	1
Uttar Pradesh	17	12	29 ^[note 1]
Uttarakhand	3	8	11
West Bengal	16	10	26
Total	223	144	367

- ▣ Section 12 (B) of the UGC Act of 1956 also grants the UGC the right to "allocate and disburse, out of the Fund of the Commission, grants to Universities

Deemed Universities

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Career Links

Academics

- University Grants Commission - www.ugc.ac.in
- Central Board Of Secondary Education - www.cbse.n
- Delhi University - www.du.ac.in
- Jawaharlal Nehru University - www.jnu.ac.in
- National Council for Teacher Education - www.ncte-in.org
- National Council for Educational Research & Training - www.ncert.nic.in
- Ministry of HRD (Education) - www.education.nic.in



Banking

Reserve Bank of India - www.rbi.org.in
State Bank of India - www.statebankofindia.com
Panjab National Bank - www.pnbindia.com
Corporation Bank - www.corpbank.com



Civil – Services

Union Public Service Commission - www.upsc.gov.in/
Staff Selection Commission - ssc.nic.in
Department of Personal & Training - www.dopt.nic.in



Defence

National Defence Academy - www.nda.nic.in
Indian Army - www.indianarmy.nic.in
Join Indian Army - www.joinindianarmy.nic.in
Indian Air Force - www.indianairforce.nic.in
Indian Navy - www.indiannavy.nic.in



Incredible India - www.incredibleindia.org

Ministry of Tourism - www.tourisminindia.com

HOSPITALITY



Medicine

➤ Ministry of Health & Welfare - www.mohwf.nic.in

➤ Department of Ayurveda, Yoga & Naturopathy, Unani,

Siddha and Homoeopathy (AYUSH) -

www.indianmedicine.nic.in

➤ National Aids Control Organisation - www.nacoonline.org



राष्ट्रीय स्वास्थ्य मिशन

Ministry of Health & Family Welfare



Department of AYUSH
Department of Indian Systems of
Medicine & Homoeopathy

Armed Forces Medical College



Railways

Indian Railways - www.indianrail.gov.in

Ministry of Railways - www.railnet.gov.in

IRCON - www.ircon.org

Indian Railway Catering and Tourism Corporation Ltd. - www.irctc.co.in



IRCON INTERNATIONAL LIMITED

(A Government of India Undertaking)



IRCTC

Indian Railway
E-Ticket Booking



Science

Jawaharlal Nehru Technological University - www.jntu.ac.in

IIT Bombay - www.iitb.ac.in

Mumbai University - www.mu.ac.in

Indian School of Mines, Dhanbad - www.ismdhanbad.ac.in

CSIR-UGC (NET) - www.csirhrdg.res.in

Indian Council of Medical Research, - www.icmr.nic.in

Birla Institute of Technology, Ranchi - www.bitmesra.ac.in

Madurai Kamaraj University, Madurai - www.mkudde.org

Indian Institute of Technology, Kharagpur - www.iitkgp.ernet.in

Central Institute of Fisheries Nautical and Engineering Training - www.cifnet.nic.in

Bioinformatics Institute of India - www.bioinformaticscentre.org

National Institute of Pharmaceutical Education & Research (NIPER). S.A.S. Nagar,
Punjab - www.niper.nic.in



Patent Office, Govt of India - www.ipindia.nic.in

Science-IPR/PATENTS

Institute of Intellectual Property Studies, Mumbai - www.iips.ac.in

National Law School of India University, Nagarbhavi - www.nls.ac.in

Indian Institute of Information Technology, Allahabad (Deemed University) - www.iiita.ac.in

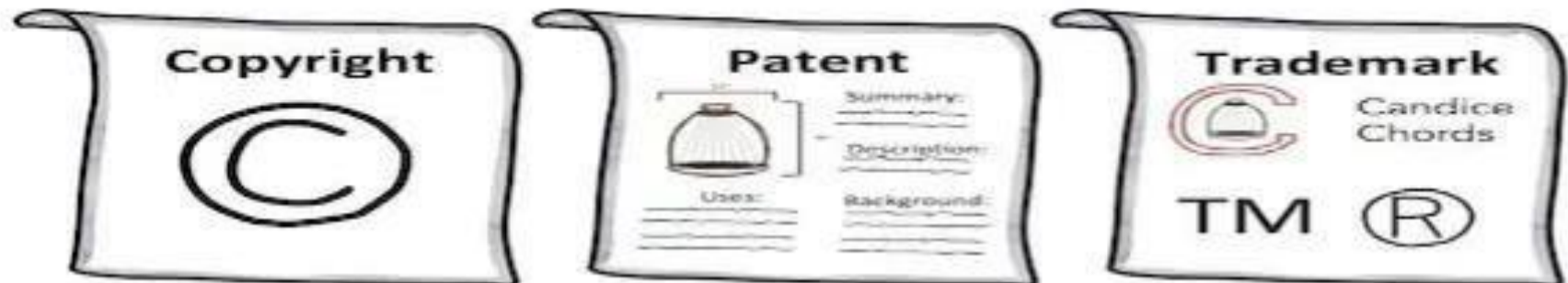
Self Entrepreneurship

Central Marine Fisheries Research Institute, Kochi - www.cmfri.com

Tata Institute of Social Sciences, Mumbai - www.tiss.edu

Ministry of Labour & Employment (Directorate General of Employment & Training)

ADVANCED TRAINING INSTITUTE - <http://dget.nic.in/atikanpur>



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<https://swayam.gov.in/>



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ranging from
primary to post-
graduate levels



<https://ndl.iitkgp.ac.in/>

ENTREPRENEURSHIP



Be Your Own

B  **SS**

ENTREPRENEURSHIP

STARTING YOUR BUSINESS

- 
- ☒ **Idea**
 - ☒ **Plan**
 - ☒ **Do it!**

COMPETITION

IDEAS

VISION



start-up entrepreneur

SUCCESS

PLAN

MARKETING



The image features a word cloud on a solid blue background. The word 'Entrepreneurship' is the largest and is positioned in the center. Surrounding it are various other words of different sizes, all contained within white, torn-edge rectangular boxes. The words are arranged in a circular pattern around the central word.

Entrepreneurship

Concept

Quality

Success

Creativity

Strategy

Finance

Audit

Global

Consumer

Develop

Goals

Vision

SEO

Social

Internet

Innovation

Economics

Inspire

People

Marketing

Customers

Sales

EDUCATION
IS THE MOST
POWERFUL WEAPON
WE CAN USE
TO CHANGE THE WORLD

- NELSON MANDELA





Knowledge

Explore *& Develop*

Where curiosity leads to learning



EXPLORE
THE
WORLD

*I wish you
all the best*



A vibrant and cheerful graphic with a blue sky and white clouds background. In the center, the words "Thank You" are written in a large, blue, rounded font with a white outline. A monarch butterfly is perched on the letter 'k', and another monarch butterfly is flying on the right. Several red hearts of different sizes are scattered around the text. At the bottom, there is a row of red and orange tulips. In the top left corner, there are green leaves and white blossoms.

Thank You