

# PURE SCIENCES

## CAREER GUIDE 2025



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For students wishing to pursue B. Sc. in Anthropology, Basic Sciences, Biochemistry, Bioinformatics, Biological Sciences, Biology, Botany, Chemistry, Earth Science, Environmental Science, Forensic Science, Genetics, Geology, Life Sciences, Mathematics, Microbiology, Physical Sciences, Physics, Statistics, Zoology etc. after 12th in India

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## What is Pure Science?

Pure Science is also known as Natural Science, Basic Science or Fundamental Science. They deal with the study of natural phenomena through observation, experimentation and use of scientific methods.

The main objective of pure science is to increase information of a particular field of study and develop scientific theories. It is research oriented and creates and establishes information to understand nature. It aims to describe basic objects, forces, relation between them and laws governing them. Studying pure science requires a curious mind that aims to understand various phenomena, create theories and hypotheses about them, and then test and validate them through logic and experiments.

The major streams pursued include Physics, Chemistry, Biology and Mathematics.

## Career Prospects after Education in Pure Science

### BIOLOGY (ANIMALS / BIRDS / INSECTS / MICROORGANISMS) RELATED CAREERS

#### Acarologist

A specialist in the study of mites and ticks.

#### Aerobiologist

A branch of biology that studies organic particles, such as bacteria, fungal spores, very small insects, pollen grains and viruses, which are passively transported by the air.

#### Algologist

An expert in the study of algae.

#### Arachnologist

An expert in the study of spiders and other arachnids.

#### Archaeozoologist

An expert in the study of faunal remains.

#### Astacologist

An expert who investigates and analyses crayfish.

#### Bacteriologist

An expert in the study of various kinds of bacteria, which are constantly changing and evolving. They typically do their research in a laboratory, mostly for government or pharmaceutical agencies.

#### Biological Scientist

Biological scientists study living organisms and their relationship to the environment. Most biological scientists specialize in one area of biology, such as zoology (the study of animals) or microbiology (the study of microscopic organisms).

#### Biological Technician

Biological technicians typically set up, maintain, and clean laboratory instruments and equipment, such as microscopes, scales, pipets, and test tubes. They gather and prepare biological samples, such as blood, food, and bacteria cultures, for laboratory analysis.

Conduct biological tests and experiments.
<b>Biologist</b>
A scientist who studies life, specifically organisms and their relationship to their environment.
<b>Biomedical Scientist</b>
Biomedical scientists carry out a range of laboratory and scientific tests to support the diagnosis and treatment of disease. Operating theatres, accident and emergency (A&E) and many other hospital departments would not function without biomedical scientists.
<b>Biometeorologist</b>
An expert who studies the effects of natural or artificial atmospheric conditions, as temperature and humidity, on living organisms.
<b>Biotechnologist</b>
A biotechnologist studies the chemical, genetic and physical attributes of cells, tissues and organisms in order to develop new technologies, processes and products that will address some of the biggest problems facing society.
<b>Biotechnologist</b>
An expert who develops products from living systems. Biotechnology commonly refers to genetically derived materials, but can also refer to developments based in microbiology, molecular biology and cell biology.
<b>Carcinologist</b>
A scientist who studies crustaceans or is otherwise involved in carcinology (the science of crustaceans). Crustaceans form a large, diverse arthropod taxon which includes such familiar animals as crabs, lobsters, crayfish, shrimps, prawns, krill, woodlice, and barnacles.
<b>Cryobiologist</b>
An expert who studies the effects of low temperatures on living tissues or organs or organisms.
<b>Cryptozoologist</b>
An expert who studies about the animals that have been seen but not proven to exist.

Cytologist
An expert who prepares microscopic slides of human cells, examining them for abnormalities.
Cytotechnologist
Laboratory professionals who study cells and cellular anomalies.
Ecologist
An expert who studies the interactions among organisms and their environment.
Ecologist
Ecologists study the relationships of organisms and their environment. In addition to their research, they gather data and analyze it for importance. They study environmental problems and determine what caused them and how to improve the situation.
Ecotoxicologist
An expert who studies about the effects of toxic chemicals on biological organisms, especially at the population, community, ecosystem, and biosphere levels.
Electrobiologist
An expert who studies about the production and use of electricity by biological organisms.
Embryologist
An expert responsible for retrieving eggs, assisting with in vitro fertilization and running tests on eggs.
Epidemiologist
One who studies and analyses the distribution and determinants of health and disease conditions in defined populations.
Helminthologist
An expert in the study of parasitic worms.
Histologist
A professional who studies the microscopic structure of tissue.

<b>Hydrobiologist</b>
An expert who studies about the science of life and life processes in water.
<b>Ichthyologist</b>
An expert who scientifically studies about different aspects of various fish species, including history, behavior, growth patterns, and their place in the ecosystems.
<b>Insectologist</b>
A scientist who studies insects.
<b>Lepidopterologist</b>
An expert who's concerned with the scientific study of moths and the three superfamilies of butterflies. Someone that studies in this field is a lepidopterist or, archaically, an aurelian.
<b>Lichenologist</b>
A Specialist who studies about the lichens, symbiotic organisms made up of an intimate symbiotic association of a microscopic alga (or a cyanobacterium) with a filamentous fungus.
<b>Limacologist</b>
An expert who specializes in the study of slugs (a tough-skinned terrestrial mollusk which typically lacks a shell and secretes a film of mucus for protection).
<b>Malacologist</b>
An expert who deals with the study of the Mollusca (mollusks or molluscs), the second-largest phylum of animals in terms of described species after the arthropods.
<b>Mammalogist</b>
One who studies about mammals – a class of vertebrates with characteristics such as homoeothermic metabolism, fur, four-chambered hearts, and complex nervous systems.
<b>Microbiologist</b>
A scientist who studies microscopic life forms and processes. This includes study of the growth, interactions and characteristics of microscopic organisms such as bacteria, algae, fungi, and some types of parasites and their vectors.



<b>Micropalaeontologist</b>
A specialist who studies microfossils, or fossils that require the use of a microscope to see the organism, its morphology and its characteristic details.
<b>Morphologist</b>
A specialist dealing with the study of the form and structure of organisms and their specific structural features.
<b>Mycologist</b>
An expert in the study of fungi, including their genetic and biochemical properties, their taxonomy and their use to humans as a source for tinder, medicine, food, and entheogens, as well as their dangers, such as toxicity or infection.
<b>Myrmecologist</b>
An expert who scientifically studies about ants.
<b>Nematologist</b>
A nematologist specifically studies nematodes and their interaction with plants. Nematodes are microscopic roundworms that can transmit diseases and/or attack soil, water and insects.
<b>Odonatologist</b>
An expert who studies or is expert in insects that belong to the zoological group Odonata.
<b>Ophiologist</b>
An expert in the study snakes.
<b>Ornithologist</b>
An expert in the study of birds.
<b>Orthopterologist</b>
An expert who scientifically studies grasshoppers.
<b>Osteologist</b>
One who scientifically studies bones.
<b>Palaeanthropologist</b>

An expert in the study of the origins and predecessors of the present human species, using fossils and other remains.
Palaebiologist
An expert in the study of fossil animals and plants.
Palaeoanthropologist
An expert in the study of fossil fish.
Palaeoecologist
A scientist who studies fossils.
Palaeontologist
An expert who scientifically studies fossils and the evolution of life on Earth.
Palaeopathologist
An expert who scientifically studies ancient diseases.
Pantheologist
A scientist who studies the causes and effects of diseases, especially one who examines laboratory samples of body tissue for diagnostic or forensic purposes.
Parasitologist
A specialist dealing with the study of parasites and parasitism especially among animals.
Pestologist
An expert who analyses and researches pests and how to get rid of them.
Physiologist
A biologist specializing in the biological study of the functions and processes of living organisms and their parts.
Physiopathologist
A pathologist whose Speciality is physiopathology. Pathophysiology or physiopathology is a convergence of pathology with physiology. Pathology is the medical discipline that describes conditions typically observed during a disease state, whereas physiology is the biological discipline that describes processes or mechanisms operating within an organism.
Primatologist
An expert in the study of nonhuman primates. (Primates are characterized by large brains

relative to other mammals, as well as an increased reliance on stereoscopic vision at the expense of smell, the dominant sensory system in most mammals. These features are more developed in monkeys and apes and noticeably less so in lorises and lemurs.)

#### Protistologist

An expert in the study of numerous eukaryotic organisms that are not fungi, plants, or animals and are chiefly unicellular or colonial. Protists that are multicellular do not have cells differentiated into tissues. The protists include the protozoans, certain algae, oomycetes, and slime molds.

#### Protozoologist

A zoologist who studies protozoans. Also known as Animal scientist or a Zoologist - a specialist in the branch of biology dealing with animals.

#### Spongologist

An expert in the scientific studies of sponges.

#### Virologist

An expert from clinical microbiology service specializing in the identification and characterization of viruses that causes infection such as rubella, herpes, hepatitis and HIV.

#### Zoophytologist

An expert in the study of zoophyte. Zoophytes are plant-like animal, especially a coral, sea anemone, sponge, or sea lily.

### **BIOLOGY (PLANTS) RELATED CAREERS**

#### Batologist

A botanist involved in the study of brambles (Wild bushes)

#### Botanist

A botanist is a person who studies plant kingdom and the effect of the plant species on the environment. He is responsible for the production of herbal medicines, herbal products, perfumes, beauty products etc. They also play an important role in protecting the plant species and the environment.

#### Bryologist

A botanist that studies bryophytes, the nonvascular complex plants such as mosses and liverworts.

#### Dendrochronologist

An expert who deals with the study of the annual rings of trees in determining the dates and chronological order of past events.
<b>Dendrologist</b>
An expert who studies the bark, twigs, and True False leaves of a tree.
<b>Orchidologist</b>
A specialist in the study of orchids.
<b>Phytologist</b>
A biologist specializing in the study of plants. Also known as a Botanist or Plant Scientist.
<b>Phytopathologist</b>
An expert who scientifically studies plant diseases and their causes, processes, and effects.
<b>Pteridologist</b>
An expert in the study of ferns (a flowerless plant which has feathery or leafy fronds and reproduces by spores released from the undersides of the fronds) and other pteridophytes.
<b>OTHER CAREERS</b>
<b>Actuary</b>
An actuary is a business professional who deals with the financial impact of risk and uncertainty. They provide expert assessments of financial security systems, with a focus on their complexity, their mathematics, and their mechanisms. They mathematically and statistically evaluate the likelihood of events and quantify the contingent outcomes in order to minimize losses associated with uncertain
<b>Analytical Chemist</b>
An analytical chemist conducts basic laboratory research, perform process and product development, design instruments used in analytical analysis, teach, or work in marketing and law.
<b>Anthropologist</b>
Anthropologists are scientists who study the development and behaviors of human beings throughout the world, present and past, to help better understand humanity as a whole. They examine biological, archaeological, linguistic or sociocultural traditions, depending on their area of expertise.

<b>Chemist</b>
A scientist trained in the study of chemistry. Chemists study the composition of matter and its properties.
<b>Chorologist</b>
An expert who studies causal relations between geographical phenomena occurring within a particular region. The study of the spatial distribution of organisms.
<b>Chronobiologist</b>
An expert who studies about how our body's natural cycles—mental, physical and emotional—are affected by solar and lunar rhythms.
<b>Clinical Research Associate</b>
The CRA will be involved in all stages of the clinical trial, including identifying an investigation site and setting up, initiating, monitoring and closing the trial upon completion or termination.
<b>Dietitian</b>
Clinical dietitians and nutritionists provide medical nutrition therapy. They create nutritional programs based on the health needs of patients or residents and counsel patients on how to lead a healthier lifestyle.
<b>Enologist</b>
In the context of wine and wine making, an Enologist or Oenologist is a person who studies and is an expert in the science of wine and wine making.
<b>Environmental Scientist</b>
Environmental Scientists use their knowledge of earth's systems to protect the environment and human health. They do this by cleaning up contaminated areas, making policy recommendations, or working with industry to reduce pollution and waste.
<b>Enzymologist</b>
A person who is trained in or engaged in enzymology (the branch of biochemistry concerned with enzymes).
<b>Flavorist</b>
A flavorist, also known as flavor chemist, is someone who uses chemistry to engineer artificial and natural flavors.
<b>Forensic Scientist/Technician</b>

Forensic science technicians aid criminal investigations by collecting and analyzing evidence. Many technicians specialize in either crime scene investigation or laboratory analysis.
<b>Gemmologist</b>
One who deals with the science of natural and artificial gemstone materials.
<b>Geochronologist</b>
An expert who studies the age of rocks, fossils, and sediments using signatures inherent in the rocks themselves.
<b>Geologist</b>
A scientist who studies the solid and liquid matter that constitutes the Earth as well as the processes that shape it.
<b>Geomorphologist</b>
An expert who studies how the earth's surface is formed and changed by rivers, mountains, oceans, air and ice. The role involves a large amount of fieldwork and research.
<b>Gerontologist</b>
An expert who studies the social, cultural, psychological, cognitive, and biological aspects of ageing.
<b>Glaciologist</b>
One who studies about snow and ice and their physical properties.
<b>Gerontologist</b>
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<b>Hydrogeologist</b>
An expert who studies the distribution, flow and quality of water underground (as opposed to hydrologists who are primarily concerned with surface water).
<b>Hydrologist</b>
An expert who collects surface water and soil samples and measures their properties.

<b>Hypnologist</b>
An expert who scientifically studies about sleep and hypnotic phenomena.
<b>Limnologist</b>
An expert who studies about the inland waters - lakes (both freshwater and saline), reservoirs, rivers, streams, wetlands, and groundwater - as ecological systems interacting with their drainage basins and the atmosphere.
<b>Lithologist</b>
An expert in the study of rocks.
<b>Mathematician</b>
An expert who uses an extensive knowledge of mathematics in his or her work, typically to solve mathematical problems. Mathematics is concerned with numbers, data, quantity, structure, space, models, and change.
<b>Microclimatologist</b>
An expert who studies about microclimates or climates of limited areas, as houses or communities.
<b>Micrologist</b>
A specialist in micrology. Micrology is the study of trivialities and minutiae. That part of science that deals with microscopic objects, or depends on microscopic observation.
<b>Micrometeorologist</b>
An expert who deals with small-scale weather systems ranging up to several kilometers in diameter and confined to the lower troposphere.
<b>Mineralogist</b>
An expert who studies about minerals. Minerals are solid, naturally occurring inorganic substance.
<b>Naval Officer</b>
Naval officers work in a specific career field within the Navy, such as aviation, healthcare, technology, engineering, law, safety services, or education.
<b>Nosologist</b>
A specialist in nosology. Nosology is a branch of medicine that deals with classification of disease.

<b>Nutritionists</b>
Professionals advising people on what to eat in order to lead a healthy lifestyle or achieve a specific health-related goal. They work in many settings, including hospitals, cafeterias, nursing homes, and schools. Some are self-employed with their own practice.
<b>Olfactologist</b>
A medical specialist in the sense of smell.
<b>Organologist</b>
A specialist who studies the structure and function of organs.
<b>Palaeolimnologist</b>
An expert in the study of ancient lake ecologies
<b>Palaeopedologist</b>
An expert who scientifically studies ancient soil.
<b>Paleoanthropologist</b>
An expert who scientifically studies the origins and development of early humans.
<b>Palynologist</b>
Palynology is the "study of dust" or "particles that are strewn". A classic palynologist analyses particulate samples collected from the air, from water, or from deposits including sediments of any age.
<b>Pedologist</b>
A scientist who studies origins, composition and distribution of soils and the materials from which soils are formed.
<b>Petrologist</b>
An expert who scientifically studies about rocks, including petrography and petrogenesis.
<b>Phenologist</b>
An expert in the study of periodic plant and animal life cycle events and how these are influenced by seasonal and interannual variations in climate, as well as habitat factors (such as elevation).
<b>Photobiologist</b>
An expert in the scientific study of the interactions of light (technically, non-ionizing radiation) and living organisms. The field includes the study of photophysics,



photochemistry, photosynthesis, photomorphogenesis, visual processing, circadian rhythms, photomovement, bioluminescence, and ultraviolet radiation effects
<b>Photogeologist</b>
An expert concerned with the identification and study of geological features through the study of aerial or orbital photographs.
<b>Research Assistant</b>
Research assistant is expected to contribute in many ways to the research project. They conduct literature reviews. Collect and analyze data. Prepare materials for submission to granting agencies and foundations.
<b>Saprobiologist</b>
An expert who studies decaying organic matter or environments.
<b>Scientist</b>
A scientist is a person engaging in a systematic activity to acquire knowledge that describes and predicts the natural world. In a more restricted sense, a scientist may refer to an individual who uses the scientific method.
<b>Sedimentologist</b>
An expert in the study of modern sediments such as sand, silt, and clay, and the processes that result in their formation, transport, deposition and diagenesis.
<b>Seismologist</b>
An expert in the study of earthquakes and the propagation of elastic waves through the Earth or through other planet-like bodies.
<b>Serologist</b>
Forensic serologists assist in criminal investigations by analyzing blood, urine, saliva, semen and other bodily fluids found at crime scenes. Their work can identify possible suspects, determine cause of death and help detectives unravel the sequence of events surrounding a crime.
<b>Somatologist</b>
An expert in the study or science of the human body as a branch of anthropology. This also includes the study of material substances, as in physics, chemistry, biology, botany which are under the general heading of physicalism.
<b>Spelaeologist</b>

An expert in the scientific study of caves.
<b>Statistician</b>
Statisticians work with formulas and data to help solve problems in industry, academia, and government. Mathematicians and statisticians analyze data and apply mathematical and statistical techniques to help solve real-world problems in business, engineering, healthcare, or other fields.
<b>Thanatologist</b>
An expert in the scientific study of death. It investigates the mechanisms and forensic aspects of death, such as bodily changes that accompany death and the post-mortem period, as well as wider psychological and social aspects related to death.
<b>Toxicologist</b>
An expert in toxicology. Toxicology is a discipline, overlapping with biology, chemistry, pharmacology, and medicine, that involves the study of the adverse effects of chemical substances on living organisms and the practice of diagnosing and treating exposures to toxins and toxicants.
<b>Zymologist</b>
An expert in the study of the science dealing with fermentation and the action of enzymes
<b>GOVERNMENT RELATED CAREERS</b>
<b>Public Sector Undertaking</b>
Work with government organizations like hospitals, clinics, health industry, education sector etc.
<b>Government Jobs</b>
CPCB (Central Pollution Control Board) • Environment Officer • MOEFCC (Ministry of Environment Forest & Climate Change) • SPCB (State Pollution Control Board) • Wildlife Institute of India (WII) • Indian Council for Forestry Research & Education (ICFRE) • Forest Research Institute (FRI) • Indian Institute of Remote Sensing (IIRS)
<b>Indian Civil Services</b>
The Indian Administrative Service (IAS), Indian Foreign Service (IFS), Indian Police Service (IPS) is the top ranking jobs. Other services, includes Finance, Post and Telegraph, Revenue, Secretariat etc.
<b>Indian Armed Forces</b>
A graduate can join through the Combined Defense Services examination as a

regular/short service commissioned officer. Training for regular commissioned officers is carried out at Indian Military Academy, Dehradun, known as the cradle of Military leadership. Those desirous of joining the Short Service Commission get trained at Officer's Training Academy at Chennai and serve for a period of five years. On completion of this term he can either resign or opt for an extension for five years or a permanent commission.

#### Defense Research Organizations

Get engaged in developing defense technologies covering various fields, like aeronautics, armaments, electronics, land combat engineering, life sciences, materials, missiles, and naval systems for Defense Research Organizations.

#### Central Research Organizations/ Research and Development

Work with Central Research Organizations like Central Research Institute for Dry land Agriculture, Central Institute for Cotton Research, Central Glass and Ceramic Research Institute, Central Soil Salinity Research Institute, etc.

#### State Research Organizations

Work with State Research Organizations like Indian Institute of Science Education and Research, Institute of Microbial Technology, Naval Physical and Oceanographic Laboratory, Aryabhatta Research Institute of Observational Sciences, etc.

#### Healthcare

Clinical Research Associate, Clinical Research Investigator, Study Coordinator, Data Manager / Biostatistician, Regulatory Affairs Manager, Clinical Trials Auditor, Clinical Project Manager, Clinical Research Manager, Business Development Manager, Drug Safety Associate, Medical Writer etc.

### ACADEMIC CAREERS

Get into teaching and academics with your choice of subject.

<b>Qualities required in the Candidate who wishes to pursue Pure Science</b>
Intense Curiosity
Patience, ability to read and research for long hours
Problem Solving Skills
Analytical Thinking
Attention to Detail
Quantitative Reasoning
Critical Thinking
Patience and Perseverance
Ethical Awareness

## Degrees Available in Pure Science

Degree Nomenclature	Level	Duration	General Eligibility
B Sc. (Hons.) (Bachelor of Science (Hons.))(Various Specializations)	Bachelor	3/4 Year	10+2 PCM/B
B Sc. (Bachelor of Science)(Various Specializations)	Bachelor	3 Year	10+2 PCM/B
B.Sc. (Research)	Bachelor	4 Year	10+2 PCM/B
B. Stat. (Bachelor of Statistics)	Bachelor	4 Year	10+2 with Stats/Maths
Integrated M. Sc. (Integrated Master of Science) at IIT Kharagpur & Roorkee (Various Specializations)	Integrated	5 Year	10+2 PCM/B
M. Stat. (Master of Statistics)	Master	2 Year	Bachelor's
M.Sc. (Master of Science)(Various Specializations)	Master	2 Year	Bachelor's
M. Phil. (Master of Philosophy)	Pre Doctoral	1.5 Year	Master's
Ph. D. / D. Phil. (Doctor of Philosophy)	Doctoral	3+ Year	Master's
D. Sc. (Doctor of Science)	Post-Doctoral	-----	Ph. D.

\* One of the major changes introduced by the National Education Policy 2020 was the discontinuation of the MPhil programme (Master of Philosophy) across India. Instead, emphasis has been placed on a four-year Bachelor's degree (undergraduate) and a research-intensive Master's degree (post-graduation). Till Implementation of the NEP 2020 completely, please check individual university websites to know the current status of their M.Phil. offering.

## Specializations available in Pure Science along with Course Description and Core Subjects of Study

### Specialization:

### **Actuarial Science**

### Description of Course:

The course in Actuarial Science teaches how you can apply mathematics and statistics in performing the day to day tasks that are assigned to actuaries. Also, the course exposes the learner to the knowledge and skills they need to tackle IAI, CAS, and IFoA examinations. It also helps in acquiring the knowledge and skills required to solve problems in the insurance sector. Besides, it helps understand how actuaries can contribute to the insurance process.

In many countries, the future for actuaries means employment in the finance ministry of the governments to assist them in Budget analysis, Demand forecasting, and revenue projections.

### Core Subjects of study:

- Differential and Integral Calculus
- Algebra and Modern Algebra
- Differential and Partial Differential equation
- Mathematical Statistics
- Micro Economics
- Introduction to Mortality and Markov Chains
- Basic Accounting Concept
- Stochastic Process
- Mathematics of Finance
- Discrete Mathematics
- Operations Research
- Basis of Life Contingencies
- Applied statistics using statistical software & Ms-Excel

### Specialization:

### **Anthropology**

### Description of Course:

The degree in Anthropology aims for a comprehensive and an integrated framework for understanding of human beings and humanities and its adaptabilities across time and space dimensions. It deals with all

kinds of communities including tribal, rural as well as urban societies. Anthropology as a discipline is oriented towards a holistic and relativistic understanding of humanity from both biology and cultural perspectives on one hand and from distant past to the present and also future possibilities.

As a discipline, it is divided into three sub-branches viz., biological anthropology, social/cultural anthropology and pre-historical archaeology, which aims to study the three facets of human beings i.e. biological, cultural and prehistorical. Thus it brings together perceptive drawn from natural sciences, social sciences and the humanities.

#### **Core Subjects of study:**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• Introduction to Biological Anthropology</li> <li>• Introduction to Socio-cultural Anthropology</li> <li>• Human Ecology: Biological &amp; Cultural Dimensions</li> <li>• Biological Diversity in Human Populations</li> <li>• Theories of Culture and Society</li> <li>• Media Anthropology</li> <li>• Demographic Anthropology</li> <li>• Urban Anthropology</li> <li>• Human Genetics</li> <li>• Anthropology in Practice</li> <li>• Anthropology of Health</li> <li>• Sports and Nutritional Anthropology</li> <li>• Anthropology of Kinship, Family &amp; Marriage</li> <li>• Indian Archaeology</li> <li>• Physiological Anthropology</li> </ul> | <ul style="list-style-type: none"> <li>• Business and Corporate Anthropology</li> <li>• Archaeological Anthropology</li> <li>• Fundamentals of Human Origin &amp; Evolution</li> <li>• Human Growth and Development</li> <li>• Tribes and Peasants in India</li> <li>• Public Health and Epidemiology</li> <li>• Fashion Anthropology</li> <li>• Tourism Anthropology</li> <li>• Human Population Genetics</li> <li>• Anthropology of India</li> <li>• Anthropology of Religion, Politics &amp; Economy</li> <li>• Visual Anthropology</li> <li>• Forensic Anthropology</li> <li>• Linguistic Anthropology</li> <li>• Forensic Dermatoglyphics</li> <li>• Neuro Anthropology</li> </ul> |
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#### **Specialization:**

### **Applied Psychology**

#### **Description of Course:**

Psychology is a broad and diverse field that encompasses the study of human thought, behaviour, development, personality, emotion, motivation, and how all of these operate over the life course and in society.

Applied Psychology is a scientific study especially concerned with the practical applications of the mind, behaviour and of mental processes in relation to everyday life. This includes engagement with education, health, crime, technology and substance use.

#### **Core Subjects of study:**

- Foundations of Psychology
- Systems and Theories to Psychology
- Foundations of Personality
- Research Methods in Psychology
- Applications of Statistics in Psychology
- Experimental Psychology.
- Introduction to Counselling
- Happiness and Positive Psychology
- Foundations of Applied Psychology
- School and Educational Psychology
- Sports Psychology and Motivation
- Psychology of Happy Aging

- Biological basis of behaviour
- Life Span Development
- Statistics for Psychology
- Social Psychology and its applications
- Approaches and Introduction to Psychological Disorders
- Foundations of Cognitive Psychology
- Foundations of Industrial and Organizational Psychology
- Psychological Testing and assessment
- Foundations of Applied Psychology
- Climate and Environmental Psychology
- Community Psychology

### **Specialization:**

## **Aviation**

### **Description of Course:**

An aviation degree counts as an initiative to provide willing candidates to empower education regarding departments in the airlines as well as those of airports. It is also related to the aircraft maintenance, air traffic control, design and operation of aircraft, airport and airline management, Line Technician, Diver Dispatch/Load Planner, and flight attendants. Students who have desire to build their career in the design, production, and management of aircraft can pursue B.Sc. in aviation.

### **Core Subjects of study:**

- Aviation Mathematics
- Aviation Physics
- Aviation Science
- Communication Skill Practical

- Aircraft Awareness and Basics of Simulator
- Environmental Science
- Computer Application in Aviation
- Air Navigation and Regulation
- Aircraft Ground Handling and Safety

### **Specialization:**

## **Biochemistry**

### **Description of Course:**

The Biochemistry program is a blend of biology and chemistry to provide students with the most comprehensive understanding of scientific processes. Starting from nutrition & health to body substances like enzymes as well as clinical diagnosis, biochemistry plays a pivotal role in the progress of these studies, thus pursuing this program, places students on a career vantage point. Fundamentals of biochemistry have been the solutions and answers to many of the challenges of today, thus pursuing this



program equips students with the relevant skill sets to progress in the field of study.

#### **Core Subjects of study:**

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Cell Biology</li> <li>• Introduction to Microbiology</li> <li>• Chemistry</li> <li>• Basic Mathematics &amp; Basic Statistics</li> <li>• Molecular Genetics</li> <li>• Plant Physiology</li> <li>• Human Anatomy and Physiology</li> <li>• Environmental Biochemistry</li> <li>• Bioethics</li> <li>• Developmental Biology</li> <li>• Nutritional Biochemistry</li> <li>• Bioinformatics</li> <li>• Molecular Physiology</li> </ul> | <ul style="list-style-type: none"> <li>• Biochemistry</li> <li>• Metabolism</li> <li>• Enzymology and Bioenergetics</li> <li>• Immunology</li> <li>• Molecular Biology</li> <li>• Membrane Biology</li> <li>• Animal Physiology</li> <li>• Recombinant DNA Technology</li> <li>• Omics Technologies</li> <li>• Genetic Engineering</li> <li>• Clinical Biochemistry</li> <li>• Endocrinology</li> </ul> |
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#### **Specialization:**

### **Bioinformatics**

#### **Description of Course:**

Bioinformatics program focuses on developing methods and software tools for understanding large biological data. It is an interdisciplinary field of science that combines computer science, statistics, mathematics, and engineering to analyze and interpret biological information. The field of bioinformatics experienced explosive growth by the Human Genome Project and rapid advances in DNA sequencing technology. Genome-wide association studies are a useful approach to pinpoint the mutations responsible for such complex diseases. Massive sequencing efforts are used to identify previously unknown point mutations in a variety of genes in cancer. There is a strong need to train students in these core areas, who in turn can work to increase life expectancy and improve the quality of health fostering both humans and animals. The future and present scope of Bioinformatics is increasing as the need of medical science is increasing rapidly.

#### **Core Subjects of study:**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Plant diversity and bioprospecting/ Physiology</li> <li>• Physical chemistry</li> <li>• Organic chemistry</li> <li>• Microbiology and genetics</li> <li>• Animal Diversity and economic zoology/Physiology</li> <li>• Computer graphics and visualizations</li> </ul> | <ul style="list-style-type: none"> <li>• Cell biology and biochemistry Concept in bioinformatics</li> <li>• Inorganic chemistry</li> <li>• Biostatistics</li> <li>• Introduction to C and DBMS</li> <li>• Biological database and data analysis</li> <li>• Molecular biology</li> <li>• Taxonomy and Phlogeny</li> </ul> |
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<ul style="list-style-type: none"> <li>• Computer added drug designing</li> <li>• Recombinant DNA technology</li> <li>• Genomics and proteomics</li> <li>• Biodiversity informatics</li> <li>• Molecular modelling</li> </ul>	<ul style="list-style-type: none"> <li>• Immunology</li> <li>• IPR's ,Bioethics and biosafety</li> <li>• Techniques for sequence and structure analysis</li> </ul>
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**Specialization:**

## Biological Sciences

**Description of Course:**

Understanding biology and its complex processes is key to understand nature and its creativity. The knowledge thus obtained helps one to gain better insights about diverse organisms (uni- and multi-) at different levels. Such studies help address questions on evolution, co-existence, survival, defense, growth, resistance and pathophysiology.

**Core Subjects of study:**

<ul style="list-style-type: none"> <li>• Light and Life</li> <li>• Physics and Applications to Biology</li> <li>• Biodiversity &amp; Bioprospecting</li> <li>• Ecology: Concepts and Management</li> <li>• Metabolism, Integration and Adaptation</li> <li>• Molecular Biology</li> <li>• System Physiology &amp; Behaviour</li> <li>• Evolution &amp; Adaptation</li> <li>• Genetics &amp; Genomics</li> <li>• Differentiation &amp; Morphogenesis</li> </ul>	<ul style="list-style-type: none"> <li>• Chemistry</li> <li>• Mathematics &amp; Statistics</li> <li>• Bio-resources and Management</li> <li>• Bio-organic &amp; Bioinorganic Chemistry</li> <li>• Cell Biology</li> <li>• Growth &amp; Reproduction</li> <li>• Defence Mechanisms</li> <li>• Biomaterials</li> <li>• Applied Biology</li> <li>• Microbiology : Principles and applications</li> </ul>
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**Specialization:**

## Biology

**Description of Course:**

Biology is the study of living things from tiny micro-organisms, plants and animals to human beings. You will learn about genetics, environmental biology, plant biology, zoology (including animal behaviour), biochemistry and molecular biology.

**Core Subjects of study:**

<ul style="list-style-type: none"> <li>• Chemistry</li> <li>• Light and Life</li> <li>• Biophysics</li> <li>• Biodiversity</li> </ul>	<ul style="list-style-type: none"> <li>• Systems Physiology</li> <li>• Molecular Biology</li> <li>• Metabolism and Integration</li> <li>• Growth and Reproduction</li> </ul>
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<ul style="list-style-type: none"> <li>• Proteins and Enzymes</li> <li>• Cell Biology</li> <li>• Ecology</li> </ul>	<ul style="list-style-type: none"> <li>• Genetics</li> <li>• Defense Mechanisms</li> <li>• Evolutionary Biology</li> </ul>
<b>Specialization:</b>	
<b>Biomedical Science</b>	
<b>Description of Course:</b>	
<p>The field of Biology and Medicine that involves the study of cells, organs and functioning of the systems in the human body with a primary focus on understanding the human health and diseases and to conduct medical research to treat those diseases.</p>	
<b>Core Subjects of study:</b>	
<ul style="list-style-type: none"> <li>• Bioorganic Chemistry</li> <li>• Cell and Radiation Biology</li> <li>• Principles of Genetics</li> <li>• Human Physiology and Anatomy</li> <li>• Biochemistry</li> <li>• Medical Microbiology</li> <li>• Immunobiology</li> </ul>	<ul style="list-style-type: none"> <li>• Molecular Biology</li> <li>• Medicinal Chemistry</li> <li>• Biophysics</li> <li>• Pharmacology</li> <li>• Human Pathology</li> <li>• Toxicology</li> </ul>
<b>Specialization:</b>	
<b>Biophysics</b>	
<b>Description of Course:</b>	
<p>Biophysics is the application of the laws of physics to biological problems. It uses the languages of math and computation in seeking to describe biology in quantitative terms. Biophysicists use the ideas, instrumentation, and computational models of physics to understand living things.</p>	
<b>Core Subjects of study:</b>	
<ul style="list-style-type: none"> <li>• Molecular Biophysics</li> <li>• Cellular Biophysics</li> <li>• Basic Biophysical Techniques</li> <li>• Biostatistics &amp; Computer Fundamentals</li> <li>• Membrane Biophysics</li> <li>• Molecular Biology</li> </ul>	<ul style="list-style-type: none"> <li>• Molecular Enzymology</li> <li>• Physiological Biophysics</li> <li>• Immunology</li> <li>• Bioinformatics &amp; Structural Biology</li> <li>• Radiation Biophysics</li> <li>• Medical Biophysics</li> </ul>
<b>Specialization:</b>	

## Biotechnology

### Description of Course:

Biotechnology is an interdisciplinary field that combines biological sciences with engineering to manoeuvre biological systems to manufacture products that advances healthcare, medicine, agriculture, food, pharmaceuticals and environment control. Biotechnology is an amalgamation of R&D in Biological Sciences and Industrial Processes. The biological sciences aspect deals with research and development in areas such as Biochemistry, Genetic Engineering, Microbiology, Cell biology, Bioinformatics, Molecular Biology etc. for understanding the cause, incidence and treatment of diseases, agricultural development, food production, protection of the environment and many more. Iteration of success in biotechnology can be seen in genomic sequencing technology, advances in disease diagnosis and developments in stem cells technology.

### Core Subjects of study:

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>Biochemistry and Metabolism</li> <li>Mammalian Physiology</li> <li>Genetics</li> <li>Chemistry</li> <li>Immunology</li> <li>Recombinant DNA Technology</li> <li>Genomics &amp; Proteomics</li> <li>Biostatistics</li> <li>Environment Biotechnology</li> <li>Animal Biotechnology</li> </ul> | <ul style="list-style-type: none"> <li>Cell Biology</li> <li>Plant Physiology</li> <li>General Microbiology</li> <li>Molecular Biology</li> <li>Bioprocess technology</li> <li>Bio Analytical Tools</li> <li>Bioinformatics</li> <li>Medical Microbiology</li> <li>Plant Biotechnology</li> <li>Microbial Physiology</li> </ul> |
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### Specialization:

## Botany

### Description of Course:

Botany is plant science, which aims at scientifically studying the life of a plant. This course includes practical as well as a theoretical study of plants.

### Core Subjects of study:

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>Plant Diversity, Microbiology, and Phycology</li> <li>Mycology, Lichenology and Plant Pathology,</li> <li>Anatomy and Embryology of Angiosperms</li> <li>Bryology and Pteridology</li> <li>Gymnosperms, Palaeobotany, and</li> </ul> | <ul style="list-style-type: none"> <li>Angiosperm Morphology, Taxonomy, and Economic Botany</li> <li>Environmental Studies and Ecotourism</li> <li>Plant Breeding and Horticulture</li> <li>Plant Physiology and Biochemistry</li> <li>Biotechnology and Bioinformatics</li> <li>Phytochemistry and Pharmacognosy</li> </ul> |
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Evolution <ul style="list-style-type: none"> <li>Cell Biology and Genetics</li> </ul>	
<b>Specialization:</b>	
<b>Cancer Biology</b>	
<b>Description of Course:</b>	
The course of Cancer Biology provides in-depth about the biology of cancer and teaches the students on its diagnosis and therapy. It studies the complexity of its genes, proteins and biological processes. Students get to learn various biological systems of cancer.	
<b>Core Subjects of study:</b>	
<ul style="list-style-type: none"> <li>Fundamentals of cancer biology</li> <li>Modulation of cell cycle in cancer</li> <li>Cancer screening and early detection</li> <li>tumour markers</li> <li>Principles of carcinogenesis</li> <li>Chemical carcinogenesis</li> <li>Mechanisms of radiation carcinogenesis</li> <li>Principles of molecular cell biology of cancer</li> <li>Activation of kinases</li> <li>Identification of oncogenes</li> <li>Detection of oncogenes</li> <li>Telomerases</li> <li>Single Nucleotide Polymorphism (SNP) in cancer</li> <li>Principles of cancer metastasis</li> <li>Metastatic cascade</li> <li>Proteinase and tumor cell invasion</li> <li>Diagnosis of cancers</li> <li>Different forms of therapy</li> <li>Chemotherapy</li> <li>Use of signal targets towards cancer therapy</li> </ul>	<ul style="list-style-type: none"> <li>Introduction to Cancer Biology</li> <li>Different forms of cancers</li> <li>Detection using biochemical assays</li> <li>molecular tools for early diagnosis of cancer</li> <li>Theory of Carcinogenesis</li> <li>Principles of physical carcinogenesis</li> <li>Nutrition and cancer</li> <li>Signal targets and cancer</li> <li>Proto oncogenes and oncogenes activity</li> <li>Retroviruses and oncogenes</li> <li>Growth factors related to transformation</li> <li>Tumor suppressor genes</li> <li>Molecular tools for identifying cancer genes</li> <li>Clinical significances of invasion</li> <li>Basement membrane disruption</li> <li>New molecules for cancer therapy</li> <li>Prediction of aggressiveness of cancer</li> <li>Advances in cancer detection</li> <li>Radiation therapy</li> <li>Gene therapy</li> </ul>
<b>Specialization:</b>	
<b>Chemistry</b>	
<b>Description of Course:</b>	

The discipline of science that study the chemical composition of matter, its properties, reactions with other substances and interaction with energy.

**Core Subjects of study:**

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>Analytical Chemistry</li> <li>Concepts in Inorganic Chemistry</li> <li>Inorganic Qualitative Analysis</li> <li>Hydrocarbons and Stereochemistry</li> <li>Organic Qualitative Analysis</li> <li>Organic Functional Groups</li> <li>Main Group Elements and Solid State Chemistry</li> </ul> | <ul style="list-style-type: none"> <li>Thermodynamics</li> <li>Volumetric Analysis and Inorganic Preparations</li> <li>Electrochemistry</li> <li>Transition Elements and Nuclear Chemistry</li> <li>Phase Equilibria and Kinetics</li> <li>Fundamentals of Spectroscopy</li> <li>Gravimetric Analysis and Organic Preparations</li> </ul> |
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**Specialization:**

**Clinical Research**

**Description of Course:**

Clinical research is a branch of medical science that determines the safety and effectiveness of medications, devices, diagnostic products and treatment regimens for humans. India is making a remarkable development in the field of Clinical Research and there is a massive demand for the clinical research professionals in this fast growing field. Education and training in Clinical Research and manpower development is in demand for the Pharma / Biotech industries, Clinical Research Organisations, Medical Colleges and Universities.

**Core Subjects of study:**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>Introduction to Clinical Research</li> <li>Guidelines, Regulations and Ethics in Clinical Research</li> <li>Introduction to Health Care</li> <li>Perspective in Clinical Evaluation</li> <li>Site Management Organization</li> <li>Preclinical Studies</li> <li>Biochemistry</li> <li>Bioethics and Bio Safety</li> <li>Pharmacovigilance</li> <li>Medical Writing &amp; Clinical Data Management</li> <li>Ethics in Clinical Research</li> <li>Bio-Availability Bio-Equivalence Studies</li> </ul> | <ul style="list-style-type: none"> <li>Pharmacology</li> <li>Medical Therapeutics</li> <li>Health, Hospital and Drug Administration</li> <li>Regulatory Affairs</li> <li>Clinical Trial Management</li> <li>Clinical Trials Operations</li> <li>Biostatistics</li> <li>Fundamentals of Anatomy, Physiology &amp; Pathophysiology</li> <li>Medical Records Management</li> <li>Epidemiology &amp; EBM</li> <li>Healthcare Management</li> </ul> |
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**Specialization:**

**Clinical Psychology**

**Description of Course:**

Clinical Psychology is a branch of Psychology. The subject focuses on the assessment, diagnosis, treatment, and prevention of mental disorders. The specialised discipline mainly deals with the psychoanalytic approaches or child and adolescent treatment modalities.

**Core Subjects of study:**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Foundations of Psychology</li> <li>• Systems and Theories to Psychology</li> <li>• Foundations of Personality</li> <li>• Research Methods in Psychology</li> <li>• Applications of Statistics in Psychology</li> <li>• Experimental Psychology.</li> <li>• Introduction to Counselling</li> <li>• Happiness and Positive Psychology</li> <li>• Foundations of Clinical Psychology</li> <li>• Developmental Disorders</li> <li>• Health Psychology</li> </ul> | <ul style="list-style-type: none"> <li>• Biological basis of behaviour</li> <li>• Life Span Development</li> <li>• Statistics for Psychology</li> <li>• Social Psychology and its applications</li> <li>• Approaches and Introduction to Psychological Disorders</li> <li>• Foundations of Cognitive Psychology</li> <li>• Foundations of Industrial and Organizational Psychology</li> <li>• Psychological Testing and assessment</li> <li>• Advanced understanding of Psychological Disorders</li> <li>• Psychology in Special Education</li> <li>• Neuropsychology</li> </ul> |
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**Specialization:**

**Computer Science**

**Description of Course:**

Computer Science comprises designing and analyzing algorithms to solve programs and study the performance of computer hardware and software.

**Core Subjects of study:**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• Computer Fundamental</li> <li>• Programming in C</li> <li>• PC Software</li> <li>• Operating System</li> <li>• C++ and Object Oriented Programming</li> </ul> | <ul style="list-style-type: none"> <li>• Data Structure Using C</li> <li>• Visual Basic and Introduction to Web-Designing</li> <li>• Computer Architecture &amp; Data Communication</li> <li>• Introduction To DBMS—SQL &amp; Software Engineering Concept</li> </ul> |
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**Specialization:**

**Data Science / Analytics**

**Description of Course:**

Data Science is a specialization training course that provides you detailed learning in data science, data analytics, project life cycle, data acquisition, analysis, statistical methods and machine learning. Apart from that, this course will give you an in-depth understanding of Business Analytics and Big Data using tools like SAS, Hadoop, and Python etc. In addition, this course will help you understand certain skills such as high end data mining tactics, Data exploration, visualization, and hypothesis testing.

Demand for Data Analytics jobs is predicted to increase over the next decade. After completing the course, students may join in job descriptions such as Data Scientist, Big Data Experts, Data Base expert, Data Analyst. Business Intelligence Analyst, Program Analyst etc.

**Core Subjects of study:**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Programming in C</li> <li>• Foundation of Data Analytics</li> <li>• Introduction to FinTech</li> <li>• Enterprise JAVA applications</li> <li>• Data Structures</li> <li>• Discrete structures for computer science</li> <li>• Machine Learning</li> <li>• Data warehousing and mining</li> </ul> | <ul style="list-style-type: none"> <li>• Data Operations</li> <li>• Applied data analytics using Python</li> <li>• Object Oriented Programming using C++</li> <li>• Data Wrangling</li> <li>• Data Base Management System</li> <li>• Data Visualization in Data Science</li> <li>• Operating systems</li> <li>• Software Project Management</li> </ul> |
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**Specialization:**

**Earth Science**

**Description of Course:**

Earth Science has a broad view on the environment and focuses on location and development of energy and mineral resources, methods to protect the planet and the protection of communities from environmental events.

**Core Subjects of study:**

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|---|---|
| <ul style="list-style-type: none"> <li>• Earth System Science</li> <li>• Structural Geology and Tectonics</li> <li>• Quaternary Geology and Palaeoclimate</li> <li>• Elements of Geochemistry</li> <li>• Introduction to Geophysics</li> <li>• Exploration Geology</li> </ul> | <ul style="list-style-type: none"> <li>• Mineral Science</li> <li>• Geochemistry</li> <li>• Fuel Geology</li> <li>• Evolution of Life through Time</li> <li>• Hydrogeology</li> <li>• GIS and Remote Sensing</li> <li>• Economic Geology</li> </ul> |
|---|---|



<ul style="list-style-type: none"> <li>• Engineering Geology</li> <li>• Geology of India</li> <li>• Igneous Petrology</li> </ul>	<ul style="list-style-type: none"> <li>• Metamorphic Petrology</li> </ul>
<b>Specialization:</b>	
<b>Electronics</b>	
<b>Description of Course:</b>	
<p>Electronics is a branch of physics concerned with the design of circuits and the study of electrons under a variety of conditions.</p>	
<b>Core Subjects of study:</b>	
<ul style="list-style-type: none"> <li>• Semiconductor Devices</li> <li>• Applied Physics</li> <li>• C Programming and Data Structures</li> <li>• Signals and Systems</li> <li>• Microprocessors and Microcontrollers</li> <li>• Communication Electronics</li> <li>• Basic Circuit Theory and Network Analysis</li> </ul>	<ul style="list-style-type: none"> <li>• Electronic Circuits</li> <li>• Digital Electronics and Verilog</li> <li>• Operational Amplifiers and Applications</li> <li>• Electronic Instrumentation</li> <li>• Electromagnetics</li> <li>• Photonics</li> </ul>
<b>Specialization:</b>	
<b>Environmental Science</b>	
<b>Description of Course:</b>	
<p>The interdisciplinary field of science dealing with the interaction of human system with the natural system in order to conserve the environment and to find solutions to the environmental problems. It involves the understanding of Earth processes, evaluating alternative sources of energy, pollution control, natural resource management and so on.</p>	
<b>Core Subjects of study:</b>	
<ul style="list-style-type: none"> <li>• Physical Environment</li> <li>• Basic Animal Science</li> <li>• Environmental Chemistry</li> <li>• Climate Change</li> <li>• Environmental Pollution</li> <li>• Environmental microbiology</li> <li>• Environmental Management</li> <li>• Environmental Monitoring</li> </ul>	<ul style="list-style-type: none"> <li>• Basic Plant Science</li> <li>• Environmental Biology</li> <li>• Natural Resources</li> <li>• Biodiversity and its conservation</li> <li>• Environmental hazard &amp; Case studies</li> <li>• Technique for pollution control.</li> <li>• Eco-Restoration Solid &amp; Hazardous Waste Management</li> <li>• Environmental Legislation</li> </ul>

**Specialization:**

**Fire & Safety**

**Description of Course:**

The Fire Safety Training Course is designed to raise awareness of fire hazards in the workplace and how to act safely in the event of an emergency fire situation, including selecting and using the correct fire extinguisher.

**Core Subjects of study:**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• Fundamentals of chemistry</li> <li>• Chemistry of combustion</li> <li>• Manual &amp; Portable Firefighting Equipment</li> <li>• Town Planning &amp; Safety in Construction Industry</li> <li>• Automobile Technology &amp; Different Fire Tenders</li> <li>• Electrical Safety</li> <li>• Fire Fighting Operations</li> <li>• Safety in Oil &amp; Gas Industry</li> <li>• Special Fire hazards (Marine &amp; Aviation)</li> <li>• Structural Fire Safety and Passive Fire Protection</li> </ul> | <ul style="list-style-type: none"> <li>• Fundamentals of Fire &amp; Safety</li> <li>• Rescue Techniques &amp; First Aid</li> <li>• Safety Engineering and its Industrial Applications</li> <li>• Fire Protection Systems – Design &amp; Application</li> <li>• Special Fire Suppression &amp; Fire Detection Systems</li> <li>• Chemical Safety for Industries</li> <li>• Industrial Safety Management</li> <li>• Legislation related to Fire &amp; Safety</li> <li>• Industrial Risk Assessment and Control</li> <li>• Building Fire Prevention and Protection Measures</li> </ul> |
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**Specialization:**

**Forensic Science**

**Description of Course:**

Forensic science is the study of scientific techniques and methods to apply in order to investigate and solve crime scenes by collecting and analyzing biomedical evidences and administering various biomedical tests.

**Core Subjects of study:**

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|--|---|
| <ul style="list-style-type: none"> <li>• Introduction to Forensic Science</li> <li>• Digital Forensics</li> <li>• Forensic Psychology</li> <li>• Law to Combat Crime</li> <li>• Technological Methods in Forensic Science</li> <li>• Forensic Chemistry</li> </ul> | <ul style="list-style-type: none"> <li>• Crime and Society</li> <li>• Criminal Law</li> <li>• Tools and Techniques in Forensic Science</li> <li>• Forensic Dermatoglyphics</li> <li>• Criminalistics</li> <li>• Questioned Documents</li> </ul> |
|--|---|

- Forensic Biology
- Forensic Toxicology
- Forensic Anthropology
- Handwriting Identification and Recognition
- Computer Forensics Investigations

- Forensic Ballistics
- Introduction to Biometry
- Forensic Medicine
- Forensic Science and Society

### **Specialization:**

## **Genetics**

### **Description of Course:**

Genetics includes the study of structure and function of genes, chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, population genetics, use of genetic methods to analyze protein function, gene regulation and inherited disease.

### **Core Subjects of study:**

- Principles of Microbiology
- Biophysics and Instrumentation
- Immunology
- Applied Microbiology
- Microbial Physiology
- Microbial Diversity and Classification
- Virology
- Agricultural Microbiology
- Recombinant DNA Technology
- Enzymology
- Bioinformatics

- Cell Biology
- Molecular Genetics
- Microbial Genetics
- Medical Microbiology
- Microbial Biotechnology
- Food Microbiology
- Molecular Biology
- Dairy Microbiology
- Environmental Microbiology
- Microbial Metabolism
- Industrial Biotechnology
- Omics Technologies
- Bioethics

### **Specialization:**

## **Geology**

### **Description of Course:**

The study of physical aspects of the planet Earth and the processes occurring on and inside Earth such as Rocks, Mountains, Oceans, Volcanoes, Earthquakes, material inside the Earth, the structural composition and the changes occurring over time on Earth.

### **Core Subjects of study:**

- Earth System Science
- Elements of Geochemistry

- Mineral Science
- Structural Geology

- Igneous Petrology
- Paleontology
- Stratigraphic Principles and Indian Stratigraphy
- Geomorphology
- Remote Sensing and GIS

- Sedimentary Petrology
- Metamorphic Petrology
- Hydrogeology
- Economic Geology
- Engineering Geology

**Specialization:**

## Health Informatics

**Description of Course:**

The course has been designed to explore the healthcare information technology planning and management issues associated with decision making in healthcare organizations. IT provides a framework to understand the types of information systems prevalent in healthcare organizations, evaluate specific strategies related to healthcare IT investments, and understand the ramifications of health data standards and privacy concerns on information management policy.

In this course, students will be encouraged to learn, how the core competencies of healthcare informatics can be developed and applied using real-world case studies. In addition, students will be exposed to specific concepts related to electronic medical records (EMR), health data and standards, sourcing, and IT investments in healthcare.

**Core Subjects of study:**

- Healthcare information/data management
- Clinical information systems / electronic medical records
- Healthcare information technology architecture

- IT Governance & Security in healthcare organizations
- Health IT software selection & Developments.

**Specialization:**

## Industrial Chemistry

**Description of Course:**

Industrial Chemistry is the branch of chemistry which applies physical and chemical processes towards the transformation of raw materials into products that are of benefit to humanity.

**Core Subjects of study:**

- Fundamentals of Chemistry
- Mathematics & Physics
- Inorganic Chemistry

- Industrial Aspects of Chemistry
- Unit Processes
- Heat Transfer and Unit Operations
- Plant Utilities, Instrumentation & Control

<ul style="list-style-type: none"> <li>Physical Chemistry</li> <li>Organic Chemistry</li> <li>Analytical Methods in Chemistry</li> <li>Heavy &amp; Fine Chemicals Industries</li> </ul>	<ul style="list-style-type: none"> <li>Green Chemistry</li> <li>Industrial Inorganic Materials</li> </ul>
<b><u>Specialization:</u></b>	
<b>Instrumentation</b>	
<b><u>Description of Course:</u></b>	
<p>The study of Instrumentation involves studying the science of automated measurement and control. Instruments are used to measure and control the condition of process streams as they pass through a Plant. Instruments are used to measure and control process variables such as: Temperature; Flow; Level; Pressure; Quality.</p>	
<b><u>Core Subjects of study:</u></b>	
<ul style="list-style-type: none"> <li>Basic Circuit Theory and Network Analysis</li> <li>Applied Physics</li> <li>Transducers and Sensors</li> <li>Digital Electronics and VHDL</li> <li>Analytical Instrumentation</li> <li>Measurement Technology</li> <li>Power Electronics</li> </ul>	<ul style="list-style-type: none"> <li>Analog Devices and Circuits</li> <li>Biomedical Instrumentation</li> <li>Engineering Mathematics</li> <li>Operational Amplifiers and Applications</li> <li>Electronic Instrumentation</li> <li>Microprocessor</li> <li>Control Systems</li> </ul>
<b><u>Specialization:</u></b>	
<b>Marine Science</b>	
<b><u>Description of Course:</u></b>	
<p>In Marine Science, students will generally study Marine biology with the study of marine organisms, their behaviours, and interactions with the environment. They also study biological oceanography and the associated fields of chemical, physical, and geological oceanography to understand marine organisms and their usage.</p>	
<b><u>Core Subjects of study:</u></b>	
<ul style="list-style-type: none"> <li>Fundamentals of Marine Ecology</li> <li>Bio-Statistics and Its application</li> <li>Biology of Marine Organism</li> <li>Marine Botany</li> <li>Marine Food Technology</li> <li>Marine Geology</li> <li>Marine Monitoring &amp; MEIA &amp; GIS</li> </ul>	<ul style="list-style-type: none"> <li>Chemical Oceanography</li> <li>Fundamentals of Environmental Science</li> <li>Biological Oceanography</li> <li>Physical Oceanography</li> <li>Fundamentals of Fishery Science</li> <li>Marine Pollution</li> <li>Marine Pharmacology</li> </ul>

<ul style="list-style-type: none"> <li>• Aquaculture</li> </ul>	<ul style="list-style-type: none"> <li>• Coastal Zone Management</li> </ul>
<b><u>Specialization:</u></b>	
<b>Mathematics</b>	
<b><u>Description of Course:</u></b>	
<p>The branch of science that involves study of shape, logics, quantity and arrangement. It includes pure and applied mathematics dealing with theorems, principles, facts and figures and its application to solve real world problems.</p>	
<b><u>Core Subjects of study:</u></b>	
<ul style="list-style-type: none"> <li>• Ordinary Differential equation and Real Number System</li> <li>• Calculus</li> <li>• Linear Algebra</li> <li>• Differential Calculus of several variable</li> <li>• Real Analysis and Metric Topology</li> <li>• Discipline Specific Courses</li> <li>• Group theory and Ring Theory</li> <li>• Complex Analysis</li> </ul>	<ul style="list-style-type: none"> <li>• Discrete Mathematics</li> <li>• Algebra</li> <li>• Riemann integration and introduction to Complex analysis</li> <li>• Linear Algebra and Group Theory</li> <li>• Number Theory and Cryptography</li> <li>• Integral Calculus</li> <li>• Metric Topology</li> </ul>
<b><u>Specialization:</u></b>	
<b>Microbiology</b>	
<b><u>Description of Course:</u></b>	
<p>The study of microscopic organisms including cellular microbes like bacteria, algae and fungi and a cellular microbes like viruses that cause disease and environmental damage or are of industrial or agricultural interest. The study focuses on their biological composition and its impact on various factors.</p>	
<b><u>Core Subjects of study:</u></b>	
<ul style="list-style-type: none"> <li>• Basics of Computer Application</li> <li>• Cell Biology</li> <li>• Molecular Genetics</li> <li>• Biochemistry</li> <li>• Microbial Genetics</li> <li>• Immunology</li> <li>• Applied Microbiology</li> <li>• Microbial Physiology</li> <li>• Microbial Diversity and Classification</li> </ul>	<ul style="list-style-type: none"> <li>• Principles of Microbiology</li> <li>• Biophysics and Instrumentation</li> <li>• Basic Mathematics &amp; Basic Statistics</li> <li>• Medical Microbiology</li> <li>• Microbial Biotechnology</li> <li>• Food Microbiology</li> <li>• Molecular Biology</li> <li>• Dairy Microbiology</li> <li>• Virology</li> <li>• Agricultural Microbiology</li> </ul>

- Bioethics
- Environmental Microbiology
- Microbial Metabolism
- Industrial Biotechnology
- Omics Technologies

- Recombinant DNA Technology
- Enzymology
- Bioinformatics

#### **Specialization:**

### **Nautical Science**

#### **Description of Course:**

The study of the theories and practical techniques to handle a ship and also to navigate safely from one point to another across the sea is Nautical Science. It also undergoes the studies of ship collision prevention, ship stability and maintenance, marine signaling, etc.

#### **Core Subjects of study:**

- Nautical Mathematics
- Ship Construction
- Cargo Handling and Stowage
- Bridge Equipment & Bridge Resource Mgmt.
- Maritime law
- Meteorology
- Maritime Management

- Nautical Physics
- Ship Operation Technology
- Navigation
- Ship Stability
- Marine Engr. Automation Control System
- Maritime Commerce

#### **Specialization:**

### **Nano Science**

#### **Description of Course:**

Nanotechnology is the study of manipulating matter on an atomic and molecular scale. Generally, Nanotechnology deals with structures sized between one to a hundred nanometres in at least one dimension and involves developing materials or devices possessing at least one dimension within that size. Quantum mechanical effects are very important at this scale, which is in the quantum realm. Nanotechnology is very diverse, ranging from extensions of conventional device physics to completely new approaches based upon molecular self-assembly, from developing new materials with dimensions on the nanoscale to investigating whether we can directly control matter on the atomic scale.

#### **Core Subjects of study:**

- Basic Inorganic Chemistry
- Basic Organic Chemistry
- Basic Physical Chemistry

- General Characteristics of Nanomaterials
- Nanomaterials – Structures and Fabrications

- Solid State Chemistry
- Physical Properties of Nanomaterials
- Chemical Properties of Nanomaterials
- Basics of Nanoscience and Technology

- Nanostructures in biological systems
- Nanocomposites
- Nanomaterials for Energy and Environment
- Carbon and Nanoforms of Carbon
- Characterization of Nanomaterials

### Specialization:

## Physics

### Description of Course:

The branch of science dealing with the study of nature and properties of matter and energy is called Physics. It includes concepts like heat, light, mechanics, sound, electricity, magnetism, etc. It also includes the study of Universe and its related phenomena.

### Core Subjects of study:

- Mathematical Physics
- Electricity and Magnetism
- Thermal Physics
- Elements of Modern Physics
- Quantum Mechanics and Applications
- Electromagnetic Theory

- Mechanics
- Waves and Optics
- Digital Systems and Application
- Analog Systems and Applications
- Solid State Physics
- Statistical Mechanics

### Specialization:

## Polymer Science

### Description of Course:

Polymer science is the study of the materials of everyday life and the development of new materials that meet societal and technological needs. Course structure introduces the students to Polymers that are usually manufactured in the form of fibres, yarns, flakes and granules.

### Core Subjects of study:

- Mechanical and Heat & Thermodynamics
- Emerging Physics & Magnetism
- Physical Chemistry
- Solar Photovoltaic Energy Conservation
- Energy conservation system
- Oscillation, Wave and Sound

- Mathematical Methods in Physics
- Organic and Inorganic Chemistry
- Algebra and Geometry
- Bio - Energy
- Fundamentals of Energy System
- Solar Thermal Energy
- Wind Energy
- Analytical Chemistry



<ul style="list-style-type: none"> <li>• Optics</li> <li>• Energy Storage System</li> <li>• Energy Management</li> <li>• Hydro Energy and Fuel Cells</li> <li>• Solar Energy</li> </ul>	<ul style="list-style-type: none"> <li>• Energy Efficiency in Building</li> <li>• Energy Storage Devices</li> <li>• Instrumentation</li> </ul>
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**Specialization:**

## Renewable Energy

**Description of Course:**

Renewable Energy course developed to produce graduates highly knowledgeable in production and management techniques of Renewable Energy. The areas covered include hydroelectricity, solar power, geothermal, biomass, wind energy, fossil fuel and nuclear.

**Core Subjects of study:**

<ul style="list-style-type: none"> <li>• Fundamentals of Energy Systems</li> <li>• Solar Photovoltaic Energy Conversion</li> <li>• Solar Thermal Energy</li> <li>• Energy Storage System</li> <li>• Energy Efficiency in Building &amp; ECBC</li> <li>• Physics</li> <li>• Maths</li> </ul>	<ul style="list-style-type: none"> <li>• Energy Conversion System</li> <li>• Bio-Energy</li> <li>• Wind Energy</li> <li>• Other Renewable Energy sources</li> <li>• Energy Management</li> <li>• Chemistry</li> </ul>
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**Specialization:**

## Statistics

**Description of Course:**

Statistics is the language of the uncertainties riddled modern information age. Statistics facilitates the decision making process by quantifying the element of chance or uncertainties. It's descriptive and inferential roles not only formulate the basis of the growth of almost all the disciplines of the contemporary world, but also provide an array of non-traditional employment avenues ranging from that of sport analysts to business analysts. The thrust of the course is to prepare students to enter into a promising professional life even after graduation, as also provide to them a platform for pursuing higher studies leading to post-graduate or doctorate degrees.

**Core Subjects of study:**

<ul style="list-style-type: none"> <li>• Descriptive Statistics</li> <li>• Probability and Probability Distributions</li> <li>• Multivariate Analysis and Nonparametric Methods</li> </ul>	<ul style="list-style-type: none"> <li>• Calculus</li> <li>• Statistical Computing Using C/C++ Programming</li> <li>• Survey Sampling and Indian Official</li> </ul>
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<ul style="list-style-type: none"> <li>• Mathematical Analysis</li> <li>• Linear Models</li> <li>• Stochastic Processes and Queuing Theory</li> <li>• Design of Experiments</li> </ul>	Statistics <ul style="list-style-type: none"> <li>• Statistical Inference</li> <li>• Statistical Quality Control</li> <li>• Algebra</li> <li>• Sampling Distributions</li> </ul>
<b><u>Specialization:</u></b>	
<b>Zoology</b>	
<b><u>Description of Course:</u></b>	
<p>The study of animals and their physical characteristic, diet, behavior, classification and distribution in the ecosystem, their interactions with ecosystem and the impacts humans have on them. It also considers the conservation of the endangered species.</p>	
<b><u>Core Subjects of study:</u></b>	
<ul style="list-style-type: none"> <li>• Protista to Pseudocoelomates</li> <li>• Coelomates</li> <li>• Diversity of Chordates</li> <li>• Fundamentals of Biochemistry</li> <li>• Physiology: Life Sustaining Systems</li> <li>• Molecular Biology</li> <li>• Developmental Biology</li> </ul>	<ul style="list-style-type: none"> <li>• Perspectives in Ecology</li> <li>• Cell Biology</li> <li>• Physiology: Controlling and Coordinating Systems</li> <li>• Comparative Anatomy of Vertebrates</li> <li>• Biochemistry of Metabolic Processes</li> <li>• Principles of Genetics</li> <li>• Evolutionary Biology</li> </ul>

## Pure Science Entrance Exams

Exams for Pure Sciences	Institute/s admitting students for Course/s	Website																																														
JEE Main- Paper 1 (Joint Entrance Examination)	For admission in BS, Integrated BS.MS to NITs, IIITs, CFTIs, SFIs, State Engineering Colleges for Participating States	<a href="https://jeemain.nta.nic.in/">https://jeemain.nta.nic.in/</a>																																														
<ul style="list-style-type: none"><li>The exam will be conducted in ONLINE mode</li><li>The duration of the exam will be 180 minutes (2 slots each day)</li><li>Correct answers will be awarded 4mark. Incorrect answers will be penalised1marks.</li></ul> <table><tr><th>S.No.</th><th>Section(s)</th><th>No. of Questions</th><th>Marks</th></tr><tr><td>1.</td><td>Maths</td><td>20+5*</td><td>100</td></tr><tr><td>2.</td><td>Physics</td><td>20+5*</td><td>100</td></tr><tr><td>3.</td><td>Chemistry</td><td>20+5*</td><td>100</td></tr><tr><td></td><td>TOTAL</td><td>75</td><td>300</td></tr><tr><td colspan="4">*20 questions will be MCQs and 5 out of 10 questions will have answer to be filled as numerical value.</td></tr></table>			S.No.	Section(s)	No. of Questions	Marks	1.	Maths	20+5*	100	2.	Physics	20+5*	100	3.	Chemistry	20+5*	100		TOTAL	75	300	*20 questions will be MCQs and 5 out of 10 questions will have answer to be filled as numerical value.																									
S.No.	Section(s)	No. of Questions	Marks																																													
1.	Maths	20+5*	100																																													
2.	Physics	20+5*	100																																													
3.	Chemistry	20+5*	100																																													
	TOTAL	75	300																																													
*20 questions will be MCQs and 5 out of 10 questions will have answer to be filled as numerical value.																																																
JEE Advanced (Joint Entrance Examination-Advanced)	For admission in Bachelor’s, Integrated Master’s or Bachelor-Master Dual Degree in Sciences at IIT’s & some CFTI’s	<a href="https://www.jeeadv.ac.in/">https://www.jeeadv.ac.in/</a>																																														
<ul style="list-style-type: none"><li>The exam will be conducted in ONLINE mode</li><li>The duration of the exam will be 180+180 minutes</li><li>Variable negative marking scheme</li></ul> <table><tr><th>S.No.</th><th>Section(s)</th><th>No. of Questions</th><th>Marks</th></tr><tr><td>1.</td><td>Maths</td><td>18</td><td>60</td></tr><tr><td>2.</td><td>Physics</td><td>18</td><td>60</td></tr><tr><td>3.</td><td>Chemistry</td><td>18</td><td>60</td></tr><tr><td colspan="4">Paper-1 (Same pattern for All 3 Subjects Section I = Physics Section II = Chemistry Section III = Maths Each section has 3 Parts: Part I, Part II, Part III Paper-2 (Same Pattern as Paper-I)</td></tr></table>			S.No.	Section(s)	No. of Questions	Marks	1.	Maths	18	60	2.	Physics	18	60	3.	Chemistry	18	60	Paper-1 (Same pattern for All 3 Subjects Section I = Physics Section II = Chemistry Section III = Maths Each section has 3 Parts: Part I, Part II, Part III Paper-2 (Same Pattern as Paper-I)																													
S.No.	Section(s)	No. of Questions	Marks																																													
1.	Maths	18	60																																													
2.	Physics	18	60																																													
3.	Chemistry	18	60																																													
Paper-1 (Same pattern for All 3 Subjects Section I = Physics Section II = Chemistry Section III = Maths Each section has 3 Parts: Part I, Part II, Part III Paper-2 (Same Pattern as Paper-I)																																																
NEET-UG (National Eligibility cum Entrance Test)	For admission in BSc./Integrated M.Sc. at IISc, IISERs & others Conducted by: NTA	<a href="https://neet.nta.nic.in/">https://neet.nta.nic.in/</a>																																														
<ul style="list-style-type: none"><li>The exam will be conducted in PEN-PAPER mode</li><li>The duration of the exam will be 200 minutes</li><li>Correct answers will be awarded 4mark. Incorrect answers will be penalised1marks.</li></ul> <table><tr><th>S.No.</th><th>Subject</th><th>Section(s)</th><th>No. of Questions</th><th>Marks</th></tr><tr><td>1.</td><td rowspan="2">Physics</td><td>Section A</td><td>35</td><td>140</td></tr><tr><td>2.</td><td>Section B</td><td>15</td><td>40</td></tr><tr><td>3.</td><td rowspan="2">Chemistry</td><td>Section A</td><td>35</td><td>140</td></tr><tr><td>4.</td><td>Section B</td><td>15</td><td>40</td></tr><tr><td>5.</td><td rowspan="2">Botany</td><td>Section A</td><td>35</td><td>140</td></tr><tr><td>6.</td><td>Section B</td><td>15</td><td>40</td></tr><tr><td>7.</td><td rowspan="2">Zoology</td><td>Section A</td><td>35</td><td>140</td></tr><tr><td>8.</td><td>Section B</td><td>15</td><td>40</td></tr><tr><td></td><td>TOTAL</td><td></td><td>200</td><td>720</td></tr></table>			S.No.	Subject	Section(s)	No. of Questions	Marks	1.	Physics	Section A	35	140	2.	Section B	15	40	3.	Chemistry	Section A	35	140	4.	Section B	15	40	5.	Botany	Section A	35	140	6.	Section B	15	40	7.	Zoology	Section A	35	140	8.	Section B	15	40		TOTAL		200	720
S.No.	Subject	Section(s)	No. of Questions	Marks																																												
1.	Physics	Section A	35	140																																												
2.		Section B	15	40																																												
3.	Chemistry	Section A	35	140																																												
4.		Section B	15	40																																												
5.	Botany	Section A	35	140																																												
6.		Section B	15	40																																												
7.	Zoology	Section A	35	140																																												
8.		Section B	15	40																																												
	TOTAL		200	720																																												
NEST (National Entrance Screening	For admission in Integrated M.Sc. at University of Mumbai-Department of Atomic Energy & NISER	<a href="https://www.nestexam.in/">https://www.nestexam.in/</a>																																														

Test)																														
<ul style="list-style-type: none"><li>The exam will be conducted in ONLINE R mode</li><li>The duration of the exam will be 210 minutes</li><li>Differential marking system</li></ul>																														
<table><tr><th>S.No.</th><th>Section(s)</th><th>No. of Questions</th><th>Marks</th></tr><tr><td>1.</td><td>Biology</td><td>17</td><td>50</td></tr><tr><td>2.</td><td>Chemistry</td><td>17</td><td>50</td></tr><tr><td>3.</td><td>Maths</td><td>17</td><td>50</td></tr><tr><td>4.</td><td>Physics</td><td>17</td><td>50</td></tr><tr><td></td><td>TOTAL</td><td>68</td><td>200</td></tr></table>			S.No.	Section(s)	No. of Questions	Marks	1.	Biology	17	50	2.	Chemistry	17	50	3.	Maths	17	50	4.	Physics	17	50		TOTAL	68	200				
S.No.	Section(s)	No. of Questions	Marks																											
1.	Biology	17	50																											
2.	Chemistry	17	50																											
3.	Maths	17	50																											
4.	Physics	17	50																											
	TOTAL	68	200																											
<b>BITSAT</b> (BITS Aptitude Test)	For admission in 5 Year Integrated M.Sc. at BITS Pilani, Goa & Hyderabad Campus	<a href="https://www.bitsadmission.com/">https://www.bitsadmission.com/</a>																												
<ul style="list-style-type: none"><li>The exam will be conducted in ONLINE mode</li><li>The duration of the exam will be 180 minutes – 2 slots each day</li><li>Correct answers will be awarded 3mark. Incorrect answers will be penalised1marks.</li></ul>																														
<table><tr><th>S.No.</th><th>Section(s)</th><th>No. of Questions</th><th>Marks</th></tr><tr><td>1.</td><td>Physics</td><td>40</td><td>120</td></tr><tr><td>2.</td><td>Chemistry</td><td>40</td><td>120</td></tr><tr><td>3.</td><td>English</td><td>15</td><td>45</td></tr><tr><td>4.</td><td>Logical Reasoning</td><td>10</td><td>30</td></tr><tr><td>5.</td><td>Mathematics</td><td>45</td><td>135</td></tr><tr><td></td><td>TOTAL</td><td>150</td><td>450</td></tr></table>			S.No.	Section(s)	No. of Questions	Marks	1.	Physics	40	120	2.	Chemistry	40	120	3.	English	15	45	4.	Logical Reasoning	10	30	5.	Mathematics	45	135		TOTAL	150	450
S.No.	Section(s)	No. of Questions	Marks																											
1.	Physics	40	120																											
2.	Chemistry	40	120																											
3.	English	15	45																											
4.	Logical Reasoning	10	30																											
5.	Mathematics	45	135																											
	TOTAL	150	450																											
<b>CMI-EE</b> (CMI Entrance Exam)	For admission in 3 Year B.Sc. (Hons.) Maths& Physics and Maths& Computer Science at Chennai Mathematical Institute	<a href="https://www.cmi.ac.in/">https://www.cmi.ac.in/</a>																												
<ul style="list-style-type: none"><li>The exam will be conducted in PEN-PAPER mode</li><li>The duration of the exam will be 210 minutes</li><li>Differential marking scheme</li></ul>																														
<table><tr><th>S.No.</th><th>Section(s)</th><th>No. of Questions</th><th>Marks</th></tr><tr><td>1.</td><td>Maths (10+2) level Part A</td><td>10</td><td>40</td></tr><tr><td>2.</td><td>Maths (10+2) level Part B</td><td>6</td><td>80</td></tr><tr><td></td><td>TOTAL</td><td>16</td><td>120</td></tr></table>			S.No.	Section(s)	No. of Questions	Marks	1.	Maths (10+2) level Part A	10	40	2.	Maths (10+2) level Part B	6	80		TOTAL	16	120												
S.No.	Section(s)	No. of Questions	Marks																											
1.	Maths (10+2) level Part A	10	40																											
2.	Maths (10+2) level Part B	6	80																											
	TOTAL	16	120																											
<b>ISI-AT</b> (ISI Admission Test)	For admission in 3 Year B.S. Maths& Stats Indian Statistical Institute, Calcutta and Bangalore	<a href="https://www.isical.ac.in/">https://www.isical.ac.in/</a>																												
<ul style="list-style-type: none"><li>The exam will be conducted in PEN-PAPER mode</li><li>The duration of the exam will be 120 minutes</li><li>Differential Marking Scheme</li></ul>																														
<table><tr><th>S.No.</th><th>Section(s)</th></tr><tr><td>1.</td><td>Maths (10+2 level) Multiple Choice Questions Short-Answer Questions</td></tr></table>			S.No.	Section(s)	1.	Maths (10+2 level) Multiple Choice Questions Short-Answer Questions																								
S.No.	Section(s)																													
1.	Maths (10+2 level) Multiple Choice Questions Short-Answer Questions																													
<b>PU-CET</b> (PAU Common Entrance Test)	For admission in B.Sc. (Hons.) programs at Punjab University, Chandigarh	<a href="https://cetug.puchd.ac.in/">https://cetug.puchd.ac.in/</a>																												
<ul style="list-style-type: none"><li>The exam will be conducted in PEN-PAPER mode</li><li>The duration of the exam will be 90 minutes</li><li>Correct answers will be awarded 2mark. Incorrect answers will be penalized 0.25 marks.</li></ul>																														
<table><tr><th>S.No.</th><th>Section(s)</th><th>No. of Questions</th><th>Marks</th></tr></table>			S.No.	Section(s)	No. of Questions	Marks																								
S.No.	Section(s)	No. of Questions	Marks																											

	<table><tr><td>1.</td><td>Physics</td><td>60</td><td>120</td></tr><tr><td>2.</td><td>Chemistry</td><td>60</td><td>120</td></tr><tr><td>3.</td><td>Biology/Maths</td><td>60</td><td>120</td></tr><tr><td></td><td>TOTAL</td><td>180</td><td>360</td></tr></table>	1.	Physics	60	120	2.	Chemistry	60	120	3.	Biology/Maths	60	120		TOTAL	180	360									
1.	Physics	60	120																							
2.	Chemistry	60	120																							
3.	Biology/Maths	60	120																							
	TOTAL	180	360																							
<b>KALSEE</b> (Kalinga Scholastic Entrance Examination)	For admission in B.Sc. Programs at Kalinga University, Chhattisgarh	<a href="https://kalingauniversity.ac.in/">https://kalingauniversity.ac.in/</a>																								
<ul style="list-style-type: none"><li>The exam will be conducted in ONLINE mode</li><li>The duration of the exam will be 90 minutes</li><li>Correct answers will be awarded 1 mark. Incorrect answers will be penalized 0 marks.</li></ul>																										
	<table><tr><td>S.No.</td><td>Section(s)</td><td>No. of Questions</td><td>Marks</td></tr><tr><td>1.</td><td>English Communication</td><td>25</td><td>25</td></tr><tr><td>2.</td><td>Logical Reasoning</td><td>25</td><td>25</td></tr><tr><td>3.</td><td>Quantitative Aptitude</td><td>20</td><td>20</td></tr><tr><td>4.</td><td>General Aptitude</td><td>20</td><td>20</td></tr><tr><td></td><td>TOTAL</td><td>90</td><td>90</td></tr></table>	S.No.	Section(s)	No. of Questions	Marks	1.	English Communication	25	25	2.	Logical Reasoning	25	25	3.	Quantitative Aptitude	20	20	4.	General Aptitude	20	20		TOTAL	90	90	
S.No.	Section(s)	No. of Questions	Marks																							
1.	English Communication	25	25																							
2.	Logical Reasoning	25	25																							
3.	Quantitative Aptitude	20	20																							
4.	General Aptitude	20	20																							
	TOTAL	90	90																							
<b>UG-JET</b> (Jain Entrance Test)	For admission in 3 Year B.Sc. Programs at Jain University, Bangalore, Karnataka	<a href="https://www.jainuniversity.ac.in/">https://www.jainuniversity.ac.in/</a>																								
<ul style="list-style-type: none"><li>The exam will be conducted in ONLINE mode</li><li>The duration of the exam will be 120 minutes</li><li>Correct answers will be awarded 1 mark. Incorrect answers will be penalized 0 marks.</li></ul>																										
	<table><tr><td>S.No.</td><td>Section(s)</td><td>No. of Questions</td><td>Marks</td></tr><tr><td>1.</td><td>Reading Comprehension</td><td>20</td><td>20</td></tr><tr><td>2.</td><td>Subject Based</td><td>20</td><td>20</td></tr><tr><td>3.</td><td>Basic Mathematics</td><td>20</td><td>20</td></tr><tr><td>4.</td><td>GK and Current Affairs</td><td>40</td><td>40</td></tr><tr><td></td><td>TOTAL</td><td>100</td><td>100</td></tr></table>	S.No.	Section(s)	No. of Questions	Marks	1.	Reading Comprehension	20	20	2.	Subject Based	20	20	3.	Basic Mathematics	20	20	4.	GK and Current Affairs	40	40		TOTAL	100	100	
S.No.	Section(s)	No. of Questions	Marks																							
1.	Reading Comprehension	20	20																							
2.	Subject Based	20	20																							
3.	Basic Mathematics	20	20																							
4.	GK and Current Affairs	40	40																							
	TOTAL	100	100																							
<b>JMI-ET</b> (JMI Entrance Test)	For admission in B.Sc. Biosciences Program at Jamia Millia Islamia, New Delhi	<a href="https://www.jmi.ac.in/http://jmicoe.in/">https://www.jmi.ac.in/http://jmicoe.in/</a>																								
<ul style="list-style-type: none"><li>The exam will be conducted in ONLINE mode</li><li>The duration of the exam will be 120 minutes</li><li>Correct answers will be awarded 1 mark. Incorrect answers will be penalized 0.25 marks.</li></ul>																										
	<table><tr><td>S.No.</td><td>Section(s)</td><td>No. of Questions</td><td>Marks</td></tr><tr><td>1.</td><td>Biological Sciences</td><td>50</td><td>50</td></tr><tr><td>2.</td><td>Physics, Chemistry, Maths</td><td>50</td><td>50</td></tr><tr><td></td><td>TOTAL</td><td>100</td><td>100</td></tr></table>	S.No.	Section(s)	No. of Questions	Marks	1.	Biological Sciences	50	50	2.	Physics, Chemistry, Maths	50	50		TOTAL	100	100									
S.No.	Section(s)	No. of Questions	Marks																							
1.	Biological Sciences	50	50																							
2.	Physics, Chemistry, Maths	50	50																							
	TOTAL	100	100																							
<b>JMI-ET</b> (JMI Entrance Test)	For admission in 3 year B.Sc. Pass Program at Jamia Millia Islamia, New Delhi	<a href="https://www.jmi.ac.in/http://jmicoe.in/">https://www.jmi.ac.in/http://jmicoe.in/</a>																								
<ul style="list-style-type: none"><li>The exam will be conducted in ONLINE mode</li><li>The duration of the exam will be 90 minutes</li><li>Correct answers will be awarded 1 mark. Incorrect answers will be penalized 0.25 marks.</li></ul>																										
	<table><tr><td>S.No.</td><td>Section(s)</td><td>No. of Questions</td><td>Marks</td></tr><tr><td>1.</td><td>Physics</td><td rowspan="4">100</td><td rowspan="4">100</td></tr><tr><td>2.</td><td>Chemistry</td></tr><tr><td>3.</td><td>Maths</td></tr><tr><td>4.</td><td>General Studies</td></tr></table>	S.No.	Section(s)	No. of Questions	Marks	1.	Physics	100	100	2.	Chemistry	3.	Maths	4.	General Studies											
S.No.	Section(s)	No. of Questions	Marks																							
1.	Physics	100	100																							
2.	Chemistry																									
3.	Maths																									
4.	General Studies																									
<b>JMI-ET</b>	For admission in 3 year B.Sc. Pass Program at Jamia Millia Islamia, New Delhi	<a href="https://www.jmi.ac.in/">https://www.jmi.ac.in/</a>																								

(JMI Entrance Test)		<a href="http://jmicoe.in/">http://jmicoe.in/</a>	
<ul style="list-style-type: none"><li>The exam will be conducted in ONLINE mode</li><li>The duration of the exam will be 90 minutes</li><li>Correct answers will be awarded 1 mark. Incorrect answers will be penalized 0.25 marks.</li></ul>			
S.No.	Section(s)	No. of Questions	Marks
1.	Mathematics	75	75
2.	General Awareness, Reasoning, General English	25	25
	TOTAL	100	100
SNUSAT (Scholastic Aptitude Test)		For admission in B.Sc. (Research) Programs at Shiv Nadar University,, Delhi & Chennai	
		<a href="https://home.pearsonvue.com/snu">https://home.pearsonvue.com/snu</a>	
<ul style="list-style-type: none"><li>The exam will be conducted in ONLINE mode</li><li>The duration of the exam will be 120 minutes</li></ul>			
S.No.	Section(s)		
1.	Verbal reasoning		
2.	Quantitative ability		
3.	Abstract reasoning		
4.	Essay		
SSSIHL-UGT (Under Graduate Test)		For admission in B.Sc. in Mathematics/Physics/ Chemistry programs at SSSIHL University, Andhra Pradesh	
		<a href="https://www.ssihl.edu.in/">https://www.ssihl.edu.in/</a>	
<ul style="list-style-type: none"><li>The exam will be conducted in ONLINE mode</li><li>The duration of the exam will be 180 minutes</li><li>Correct answers will be awarded 1 mark. Incorrect answers will be penalized 0.25 marks.</li></ul>			
S.No.	Section(s)	No. of Questions	Marks
1.	General English	40	40
2.	Maths+Physics+Chemistry	40+40+40	120
	TOTAL	160	160
SSSIHL-UGT (Under Graduate Test)		For admission in B.Sc in Biosciences/Chemistry programs at SSSIHL University, Andhra Pradesh	
		<a href="https://www.ssihl.edu.in/">https://www.ssihl.edu.in/</a>	
<ul style="list-style-type: none"><li>The exam will be conducted in ONLINE mode</li><li>The duration of the exam will be 180 minutes</li><li>Correct answers will be awarded 1 mark. Incorrect answers will be penalized 0.25 marks.</li></ul>			
S.No.	Section(s)	No. of Questions	Marks
1.	General English	40	40
2.	Botany, Zoology, Chemistry	40, 40, 40	120
	TOTAL	160	160
SSSIHL-UGT (Under Graduate Test)		For admission in B.Sc. in Maths/Stats program at SSSIHL University, Andhra Pradesh	
		<a href="https://www.ssihl.edu.in/">https://www.ssihl.edu.in/</a>	
<ul style="list-style-type: none"><li>The exam will be conducted in ONLINE mode</li><li>The duration of the exam will be 180 minutes</li><li>Correct answers will be awarded 1 mark. Incorrect answers will be penalized 0.25 marks.</li></ul>			
S.No.	Section(s)	No. of Questions	Marks
1.	General English	40	40
2.	Maths, Economic, Stats OR Maths, Physics, Chemistry OR Maths, Com. Sci., Statistics	40, 40, 40	120
	TOTAL	160	160
AMU-ET		For admission in B.Sc. (Hons./Research) Program at Aligarh Muslim University,	
		<a href="https://www.amu.ac.in/">https://www.amu.ac.in/</a>	

(Aligarh Muslim Univ. Entrance Test)		Aligarh, Uttar Pradesh																													
<ul style="list-style-type: none"><li>The exam will be conducted in PEN-PAPER mode</li><li>The duration of the exam will be 120 minutes</li><li>Correct answers will be awarded 1 mark. Incorrect answers will be penalized 0.25 marks.</li></ul>																															
		<table><tr><th>S.No.</th><th>Section(s)</th><th>No. of Questions</th><th>Marks</th></tr><tr><td>1.</td><td>English</td><td>25</td><td>25</td></tr><tr><td>2.</td><td>Chemistry</td><td>25</td><td>25</td></tr><tr><td>3.</td><td>Physics</td><td>25</td><td>25</td></tr><tr><td>4.</td><td>Maths</td><td>25</td><td>25</td></tr><tr><td>5.</td><td>Biology</td><td>25</td><td>25</td></tr><tr><td></td><td>TOTAL</td><td>125</td><td>125</td></tr></table>	S.No.	Section(s)	No. of Questions	Marks	1.	English	25	25	2.	Chemistry	25	25	3.	Physics	25	25	4.	Maths	25	25	5.	Biology	25	25		TOTAL	125	125	
S.No.	Section(s)	No. of Questions	Marks																												
1.	English	25	25																												
2.	Chemistry	25	25																												
3.	Physics	25	25																												
4.	Maths	25	25																												
5.	Biology	25	25																												
	TOTAL	125	125																												
CUET (UG) (Common University Entrance Test)		For admission in B.Sc. courses at Central, Public and Private Universities who have opted to take UG admissions through CUET across India	<a href="https://cuet.samarth.ac.in/">https://cuet.samarth.ac.in/</a>																												
<ul style="list-style-type: none"><li>The exam will be conducted in ONLINE mode</li><li>The duration of the exam will be: Slot 1: 195 minutes; Slot-2: 225 minutes</li><li>Correct answers will be awarded 5mark. Incorrect answers will be penalised1marks.</li></ul>																															
S.No.	Section(s)	No. of Questions	Marks																												
1.	Section IA: Choose any 1 of 13 Languages	40/50	200																												
2.	Section IB: Choose any 1 of 20 Languages other than IA																														
3.	Section II: Choose Maximum 6 of 27 Domain Specific Subjects as desired for particular course by applicable University	40/50	200																												
4.	Section III: General Aptitude Test	60/75	300																												
PWC-ET (Entrance Test)		For admission in B.Sc. programs at Patna Women’s College, Patna, Bihar	<a href="https://patnawomenscollege.in/">https://patnawomenscollege.in/</a>																												
<ul style="list-style-type: none"><li>The exam will be conducted in ONLINE mode</li><li>The duration of the exam will be 120 minutes</li><li>Correct answers will be awarded 1 mark. Incorrect answers will be penalized 0 marks.</li></ul>																															
S.No.	Section(s)	No. of Questions	Marks																												
1.	General Knowledge and Aptitude Test	10	10																												
2.	Physics and Chemistry	60	60																												
3.	Biology/ Maths+Stats	30	30																												
	TOTAL	100	100																												
APU-ET (Entrance Test)		For admission in B.Sc. programs at Azim Premji University, Bengaluru and Bhopal	<a href="https://azimpremjioniversity.edu.in/">https://azimpremjioniversity.edu.in/</a>																												
<ul style="list-style-type: none"><li>The exam will be conducted in ONLINE mode</li><li>The duration of the exam will be 120+60 minutes</li><li>Part A: Correct answers will be awarded 2mark. Incorrect answers will be penalised1marks.</li><li>An interview accompanies the test</li></ul>																															
S.No.	Section(s)	No. of Questions	Marks																												
1.	MCQ: English Language	20	40																												
2.	MCQ: Quantitative Reasoning	20	40																												
3.	2 descriptive questions (1 analytical writing question and 1 contextual writing question. Response to be given in 150 – 200 words each.)	2																													
UG-JET (Jain Entrance Test)		For admission in B.Sc. in Forensic Science Program at Jain University, Bangalore	<a href="https://www.jainuniversity.ac.in/">https://www.jainuniversity.ac.in/</a>																												
<ul style="list-style-type: none"><li>The exam will be conducted in ONLINE mode</li><li>The duration of the exam will be 120 minutes</li></ul>																															

- Correct answers will be awarded 1 mark. Incorrect answers will be penalized 0 marks.

S.No.	Section(s)	No. of Questions	Marks
1.	Reading Comprehension	20	20
2.	Subject Based	20	20
3.	Basic Mathematics	20	20
4.	GK and Current Affairs	40	40
	<b>TOTAL</b>	<b>100</b>	<b>100</b>

**SET-General**  
 (Symbiosis Entrance Test)

For admission in 4 year B.Sc. (Applied Statistics &amp; Data Science) Symbiosis Statistical Institute, Pune

<https://www.set-test.org/>

- The exam will be conducted in ONLINE mode
- The duration of the exam will be 60 minutes
- Correct answers will be awarded 1 mark. Incorrect answers will be penalized 0 marks.
- Personal Interview follows the test

S.No.	Section(s)	No. of Questions	Marks
1.	General English	16	16
2.	Quantitative	16	16
3.	General Awareness	16	16
4.	Analytical & Logical Reasoning	12	12
	<b>TOTAL</b>	<b>60</b>	<b>60</b>

**MSU-ET**

(MS University Entrance Test)

For admission in 3 Year B.Sc. in Environmental Science Program at MSU, Baroda

<https://admission.msubaroda.ac.in/>

- The exam will be conducted in PEN-PAPER mode
- The duration of the exam will be 90 minutes
- Correct answers will be awarded 2mark. Incorrect answers will be penalized 0 marks.

S.No.	Section(s)	No. of Questions	Marks
1.	Current Environmental Issues & Challenges	20	40
2.	Biology	30	60
3.	Chemistry	30	60
4.	Physics	20	40
	<b>TOTAL</b>	<b>50</b>	<b>100</b>

**IDSS-OEE**

(Online Entrance Exam)

For admission in B.Sc. (Blended) at Interdisciplinary School of Sciences, Savitribai Phule Pune University, Pune

<http://www.unipune.ac.in/>

- The exam will be conducted in ONLINE mode
- The duration of the exam will be 120 minutes

S.No.	Section(s)	No. of Questions	Marks
1.	<b>Section A:</b> Logic, Comprehension, Numerical Ability, English Grammar, Vocabulary & General Aptitude	20	20
2.	<b>Section B:</b> Physics, Chemistry, Biology/Maths	80	80
	<b>TOTAL</b>	<b>100</b>	<b>100</b>

## Top 98 Pure Science Universities in India

Rank	Best Pure Sciences Colleges in India	Admission Process	Website
1	IISc, Bangalore, Karnataka	IAT / JEE-MAIN / JEE-ADVANCED / NEET-UG	<a href="https://iisc.ac.in/">https://iisc.ac.in/</a>



2	IIT, Kharagpur, West Bengal	JEE Advanced	<a href="http://www.iitkgp.ac.in/">http://www.iitkgp.ac.in/</a>
3	IIT, Madras, Tamil Nadu	JEE Advanced	<a href="https://www.iitm.ac.in/">https://www.iitm.ac.in/</a>
4	IIT, Roorkee, Uttarakhand	JEE Advanced	<a href="https://www.iitr.ac.in/">https://www.iitr.ac.in/</a>
5	IIT, Bombay, Maharashtra	JEE Advanced	<a href="https://www.iitb.ac.in/">https://www.iitb.ac.in/</a>
6	IIT, Kanpur, Uttar Pradesh	JEE Advanced	<a href="http://www.iitk.ac.in/">http://www.iitk.ac.in/</a>
7	NIT, Agartala, Tripura	JEE-MAIN	<a href="https://www.nita.ac.in/">https://www.nita.ac.in/</a>
8	NIT, Durgapur, West Bengal	JEE-MAIN	<a href="https://nitdgp.ac.in/">https://nitdgp.ac.in/</a>
9	NIT, Rourkela, Odisha	JEE-MAIN	<a href="https://www.nitrkl.ac.in/">https://www.nitrkl.ac.in/</a>
10	IISER, Kolkata, West Bengal	IAT /JEE-ADVANCED / SCB IISER-AT	<a href="https://www.iiserkol.ac.in/">https://www.iiserkol.ac.in/</a>
11	IISER, Pune, Maharashtra	IAT /JEE-ADVANCED / SCB IISER-AT	<a href="https://www.iiserpune.ac.in/">https://www.iiserpune.ac.in/</a>
12	University of Mumbai-Dept. of Atomic Energy, Mumbai, Maharashtra	NEST/IAT	<a href="https://www.cbs.ac.in/">https://www.cbs.ac.in/</a>
13	NISER, Bhubaneswar, Odisha	NEST	<a href="https://www.niser.ac.in/">https://www.niser.ac.in/</a>
14	Chennai Mathematical Institute, Chennai, Tamil Nadu	CMI-EE	<a href="https://www.cmi.ac.in">https://www.cmi.ac.in</a>
15	IISER, Mohali, Punjab	IAT /JEE-ADVANCED / SCB IISER-AT	<a href="https://www.iisermohali.ac.in/">https://www.iisermohali.ac.in/</a>
16	Indian Statistical Institute, Kolkata, West Bengal	ISI-AT	<a href="https://www.isical.ac.in/">https://www.isical.ac.in/</a>
17	IISER, Bhopal, Madhya Pradesh	IAT /JEE-ADVANCED / SCB IISER-AT	<a href="https://www.iiserb.ac.in/">https://www.iiserb.ac.in/</a>
18	Miranda House, Delhi, New Delhi	CUET-UG	<a href="https://www.mirandahouse.ac.in/">https://www.mirandahouse.ac.in/</a>
19	Hindu College, Delhi, New Delhi	CUET-UG	<a href="http://www.hinducollege.ac.in/">http://www.hinducollege.ac.in/</a>
20	St. Stephens College, Delhi, New Delhi	CUET-UG	<a href="https://www.ststephens.edu/">https://www.ststephens.edu/</a>
21	Christ University, Bangalore, Karnataka	CUET	<a href="https://www.christuniversity.in/">https://www.christuniversity.in/</a>
22	Madras Christian College, Chennai, Tamil Nadu	Based on 12th Marks	<a href="http://mcc.edu.in/">http://mcc.edu.in/</a>
23	IISER, Thiruvananthapuram, Kerala	IAT /JEE-ADVANCED / SCB IISER-AT	<a href="https://www.iisertvm.ac.in/">https://www.iisertvm.ac.in/</a>
24	Loyola College, Chennai, Tamil Nadu	Based on 12th Marks	<a href="https://www.loyolacollege.edu/">https://www.loyolacollege.edu/</a>
25	Hansraj College, Delhi, New Delhi	CUET-UG	<a href="https://www.hansrajcollege.ac.in/">https://www.hansrajcollege.ac.in/</a>
26	Daulat Ram College, Delhi, New Delhi	CUET-UG	<a href="http://www.dr.du.ac.in/">http://www.dr.du.ac.in/</a>
27	Stella Maris College, Chennai, Tamilnadu	Based on 12th Marks	<a href="https://stellamariscollege.edu.in/">https://stellamariscollege.edu.in/</a>
28	Lady Shri Ram College for Women, Delhi, New Delhi	CUET-UG	<a href="https://lsr.edu.in/">https://lsr.edu.in/</a>

29	Deen Dayal Upadhyay College, Delhi, New Delhi	CUET-UG	<a href="https://dducollegedu.ac.in/">https://dducollegedu.ac.in/</a>
30	Women's Christian College, Chennai, Tamil Nadu	Based on 12th Marks	<a href="https://wcc.edu.in/">https://wcc.edu.in/</a>
31	IISER, Tirupati, Andhra Pradesh	IAT /JEE-ADVANCED / SCB IISER-AT	<a href="http://www.iisertirupati.ac.in/">http://www.iisertirupati.ac.in/</a>
32	St. Joseph's College, Bengaluru, Karnataka	Based on 12th Marks	<a href="https://www.sjc.ac.in/">https://www.sjc.ac.in/</a>
33	Indraprastha College for Women, Delhi, New Delhi	CUET-UG	<a href="http://www.ipcollege.ac.in/">http://www.ipcollege.ac.in/</a>
34	Atma Ram Sanatan Dharma College, Delhi, New Delhi	CUET-UG	<a href="https://www.arsdcollege.ac.in/">https://www.arsdcollege.ac.in/</a>
35	Ramjas College, Delhi, New Delhi	CUET-UG	<a href="https://ramjas.du.ac.in/">https://ramjas.du.ac.in/</a>
36	Mithibai College, Mumbai, Maharashtra	CUET-UG	<a href="https://mithibai.ac.in/">https://mithibai.ac.in/</a>
37	Acharya Narendra Dev College, Delhi, New Delhi	CUET-UG	<a href="https://www.andcollege.du.ac.in/">https://www.andcollege.du.ac.in/</a>
38	Maharaja Agrasen College, Delhi, New Delhi	CUET-UG	<a href="http://mac.du.ac.in/">http://mac.du.ac.in/</a>
39	IISER, Berhampur, Odisha	IAT /JEE-ADVANCED / SCB IISER-AT	<a href="https://www.iiserbpr.ac.in/">https://www.iiserbpr.ac.in/</a>
40	Ethiraj College for Women, Chennai, Tamil Nadu	Based on 12th Marks	<a href="https://ethirajcollege.edu.in/">https://ethirajcollege.edu.in/</a>
41	Gargi College, Delhi, New Delhi	CUET-UG	<a href="http://www.gargi.du.ac.in/">http://www.gargi.du.ac.in/</a>
42	Mount Carmel College, Bangalore, Karnataka	Based on 12th Marks	<a href="https://mccblr.edu.in/">https://mccblr.edu.in/</a>
43	GGSDS College Sec-32, Chandigarh	Based on 12th Marks	<a href="http://ggdsd.ac.in/">http://ggdsd.ac.in/</a>
44	Sacred Heart College, Kochi, Kerala	Based on 12th Marks	<a href="https://www.shcollege.ac.in/">https://www.shcollege.ac.in/</a>
45	Kristu Jayanti College, Bangalore, Karnataka	Based on 12th Marks	<a href="https://kristujayanti.edu.in/">https://kristujayanti.edu.in/</a>
46	St. Xavier's College, Ahmedabad, Gujarat	Based on 12th Marks	<a href="https://sxca.edu.in/">https://sxca.edu.in/</a>
47	KishinchandChellaram College, Mumbai, Maharashtra	Based on 12th Marks	<a href="https://www.kccollege.edu.in/">https://www.kccollege.edu.in/</a>
48	Sophia College for Women, Mumbai, Maharashtra	Based on 12th Marks	<a href="https://sophiacollegemumbai.com/">https://sophiacollegemumbai.com/</a>
49	BK Birla College of Arts Science & Commerce, Mumbai, Maharashtra	Based on 12th Marks	<a href="https://www.bkbirlacollegekalyan.com/">https://www.bkbirlacollegekalyan.com/</a>
50	St. Francis College for Women, Hyderabad, Telangana	Based on 12th Marks	<a href="https://www.sfc.ac.in/">https://www.sfc.ac.in/</a>
51	MCM DAV College for Women, Chandigarh	Based on 12th Marks	<a href="https://mcmdavcwchd.edu.in/">https://mcmdavcwchd.edu.in/</a>
52	Shivaji College, Delhi, New Delhi	CUET-UG	<a href="https://www.shivajicollege.a">https://www.shivajicollege.a</a>

			<a href="#">c.in/</a>
53	Vimala College, Thrissur, Kerala	Based on 12th Marks	<a href="http://www.vimalacollege.edu.in/">http://www.vimalacollege.edu.in/</a>
54	DAV College-Sec 10, Chandigarh	Based on 12th Marks	<a href="https://www.davchd.ac.in/">https://www.davchd.ac.in/</a>
55	PG Government College for Girls, Chandigarh	Based on 12th Marks	<a href="http://www.gcg11.ac.in/">http://www.gcg11.ac.in/</a>
56	Maitreyi College, Delhi, New Delhi	CUET-UG	<a href="http://maitreyi.ac.in/">http://maitreyi.ac.in/</a>
57	Ramnarain Ruia College, Mumbai, Maharashtra	Based on 12th Marks	<a href="https://www.ruiacollege.edu/">https://www.ruiacollege.edu/</a>
58	The Oxford College of Science, Bangalore, Karnataka	Based on 12th Marks	<a href="http://www.theoxfordscience.org/">http://www.theoxfordscience.org/</a>
59	Sri Venkateswara College, Delhi, New Delhi	CUET-UG	<a href="http://www.svc.ac.in/">http://www.svc.ac.in/</a>
60	MG Science Institute, Ahmedabad, Gujarat	Based on 12th Marks	<a href="https://mgscience.ac.in/">https://mgscience.ac.in/</a>
61	Maharani Lakshmi Ammanni College for Women, Bengaluru, Karnataka	Based on 12th Marks	<a href="https://mlacw.edu.in/">https://mlacw.edu.in/</a>
62	St. Xavier's College, Mumbai, Maharashtra	Based on 12th Marks	<a href="https://xaviers.edu/">https://xaviers.edu/</a>
63	Gujarat University		
64	Kirori Mal College, Delhi, New Delhi	CUET-UG	<a href="http://www.kmcollege.ac.in/">http://www.kmcollege.ac.in/</a>
65	St. Ann's College for Women, Hyderabad, Telangana	Based on 12th Marks	<a href="https://www.stannscollgehyd.com/">https://www.stannscollgehyd.com/</a>
66	Ramakrishna Mission Vidyamandir, Kolkata, West Bengal	Based on 12th Marks	<a href="http://www.vidyamandira.ac.in/">http://www.vidyamandira.ac.in/</a>
67	Amity University, Noida	Based on 12th Marks	<a href="https://www.amity.edu/">https://www.amity.edu/</a>
68	Patkar-Varde College, Mumbai, Maharashtra	Based on 12th Marks	
69	Lady Irwin College, Delhi, New Delhi	CUET-UG	<a href="http://www.ladyirwin.edu.in/">http://www.ladyirwin.edu.in/</a>
70	St. Wilfred Group of Colleges, Jaipur, Rajasthan	Based on 12th Marks	<a href="https://stwilfreds.com/">https://stwilfreds.com/</a>
71	Ramaiah College of Arts Science and Commerce, Bengaluru, Karnataka	Based on 12th Marks	<a href="https://www.msrmc.edu.in/">https://www.msrmc.edu.in/</a>
72	MAHE, Manipal, Karnataka	Based on 12th Marks	<a href="https://manipal.edu/">https://manipal.edu/</a>
73	Anugrah Narayan College, Patna, Bihar	Based on 12th Marks	<a href="https://www.ancpatna.ac.in/">https://www.ancpatna.ac.in/</a>
74	St. Xavier's College, Ranchi, Jharkhand	Based on 12th Marks	<a href="https://www.sxcran.org/">https://www.sxcran.org/</a>
75	Isabella Thoburn College, Lucknow, Uttar Pradesh	Entrance Test	<a href="http://itcollege.ac.in/itdc/">http://itcollege.ac.in/itdc/</a>
76	Patna Women's College, Patna, Bihar	Entrance Exam	<a href="https://patnawomenscollege.in/">https://patnawomenscollege.in/</a>
77	Lakshmibai College, Delhi, New Delhi	CUET-UG	<a href="https://lakshmibaicollege.in">https://lakshmibaicollege.in</a>

			<a href="#">/</a>
78	St. Joseph's College, Tiruchirappalli, Tamil Nadu	Based on 12th Marks	<a href="https://www.sjc.ac.in/">https://www.sjc.ac.in/</a>
79	Aligarh Muslim University, Aligarh	AMU-AT / CUET-UG	<a href="https://www.amu.ac.in/">https://www.amu.ac.in/</a>
80	SS Jain Subodh PG College, Jaipur, Rajasthan	Based on 12th Marks	<a href="http://www.subodhpgcollege.com/">http://www.subodhpgcollege.com/</a>
81	Jain University, Bengaluru, Karnataka	JET	<a href="https://www.jainuniversity.ac.in/">https://www.jainuniversity.ac.in/</a>
82	St. Joseph's Degree & PG College, Hyderabad, Telangana	Based on 12th Marks	<a href="https://josephscollege.ac.in/">https://josephscollege.ac.in/</a>
83	KJ Somaiya College of Science and Commerce, Mumbai, Maharashtra	Based on 12th Marks	<a href="https://kissc.somaiya.edu/kjssc/">https://kissc.somaiya.edu/kjssc/</a>
84	Sri Ramakrishna College of Arts & Science, Coimbatore, Tamil Nadu	Based on 12th Marks	<a href="https://www.srcas.ac.in/">https://www.srcas.ac.in/</a>
85	St. Aloysius College, Mangalore, Karnataka	Based on 12th Marks	<a href="https://www.stalloysius.edu.in/">https://www.stalloysius.edu.in/</a>
86	Vivekananda College, Kolkata, West Bengal	Based on 12th Marks	<a href="https://www.vivekanandacollegemng.edu.in/">https://www.vivekanandacollegemng.edu.in/</a>
87	Bishop Heber College, Tiruchirappalli, Kerala	Based on 12th Marks	<a href="http://bhc.edu.in/">http://bhc.edu.in/</a>
88	MOP Vaishnav College for Women, Chennai, Tamil Nadu	Based on 12th Marks	<a href="http://mopvc.edu.in/">http://mopvc.edu.in/</a>
89	Sri Krishna Arts and Science College, Coimbatore, Tamil Nadu	Based on 12th Marks	<a href="http://skasc.ac.in/">http://skasc.ac.in/</a>
90	JD Birla Institute, Kolkata, West Bengal	Based on 12th Marks	<a href="https://www.jdbikolkata.in/">https://www.jdbikolkata.in/</a>
91	Dr. NGP Arts and Science College, Coimbatore, Tamil Nadu	Based on 12th Marks	<a href="https://www.drngpasc.ac.in/">https://www.drngpasc.ac.in/</a>
92	Ramniranjan Jhunjhunwala College, Mumbai, Maharashtra	Based on 12th Marks	<a href="https://www.rjcollege.edu.in/">https://www.rjcollege.edu.in/</a>
93	Dev Samaj College for Women, Ferozepur, Punjab	Based on 12th Marks	<a href="https://www.dscw45.ac.in/">https://www.dscw45.ac.in/</a>
94	Poddar International College, Jaipur, Rajasthan	Based on 12th Marks	<a href="https://poddarinstitute.org/">https://poddarinstitute.org/</a>
95	Guru Nanak College, Chennai, Tamil Nadu	Based on 12th Marks	<a href="http://gurunanakcollege.edu.in/">http://gurunanakcollege.edu.in/</a>
96	Bharata Mata College, Kochi, Kerala	Based on 12th Marks	<a href="https://bharatamatacollege.in/">https://bharatamatacollege.in/</a>
97	IPS Academy, Indore, Madhya Pradesh	Based on 12th Marks	<a href="https://www.ipsacademy.org/">https://www.ipsacademy.org/</a>
98	Chandigarh University	CUCET	<a href="https://www.cuchd.in/">https://www.cuchd.in/</a>

## State wise List of Pure Science Institutes in India

Rank	Best Pure Sciences Colleges in India (CUET Only)	Admission Process	Website
	<b>Andhra Pradesh</b>		
1	GITAM, Visakhapatnam, Andhra Pradesh  Av. Sp.: Anesthesia Technology, Biochemistry, Mathematics, Medical Laboratory Technology, Microbiology, Physics, Biotechnology, Food Science & Technology, Radiology and Imaging Technology, Statistics, Chemistry, Computer Science with Cognitive Systems, Dialysis Technology, Electronics, Emergency Medicine, Environmental Science	CUET-UG	<a href="https://www.gitam.edu/">https://www.gitam.edu/</a>
2	SRM University, Amravati, Andhra Pradesh  Av. Sp.: Physics, Chemistry, Integrative Biology, Mathematics	CUET-UG	<a href="https://srmap.edu.in/">https://srmap.edu.in/</a>
3	IISER, Tirupati, Andhra Pradesh  Av. Sp.: Biology, Earth & Climate Science, Mathematics, Physics	IAT /JEE-ADVANCED / SCB IISER-AT	<a href="http://www.iisertirupati.ac.in/">http://www.iisertirupati.ac.in/</a>
4	BEST Innovation University, Anantapur, Andhra Pradesh  Av. Sp.: Agriculture, Forestry, Horticulture, Event Management, Mathematics, Statistics, Physics, Biotechnology, Microbiology, Chemistry, Botany, Zoology, Genetics, Biochemistry, Applied Mathematics, Environmental Science, Paramedical Science, Operation Theatre Technology, Cardiac Technology, Medical Lab Technology, Medical Record Technology, Dialysis Technology, Occupational Therapy, Radiology, Optometry, Audiology and Speech Therapy, Nursing	CUET-UG	<a href="https://bestiu.edu.in/">https://bestiu.edu.in/</a>
	<b>Arunachal Pradesh</b>		-
5	Rajiv Gandhi University, Papum Pare, Arunachal Pradesh  Av. Sp.: Botany, Chemistry, Mathematics, Physics, Zoology, Geology, Agriculture	CUET-UG	<a href="https://rgu.ac.in/">https://rgu.ac.in/</a>
	<b>Bihar</b>		-

<b>6</b>	Amity University, Patna, Bihar Av. Sp.: Clinical Psychology	CUET-UG	<a href="https://amity.edu/Bihar/">https://amity.edu/Bihar/</a>
<b>7</b>	Dr. C. V. Raman University, Vaishali, Bihar Av. Sp.: Agriculture, Physics, Chemistry, Mathematics, Zoology, Botany	CUET-UG	<a href="https://www.cvrubihar.ac.in/">https://www.cvrubihar.ac.in/</a>
<b>8</b>	Anugrah Narayan College, Patna, Bihar Av. Sp.: Biotechnology, Botany, Chemistry, Electronics, Information Technology, Mathematics, Physics, Zoology	Based on 12th Marks	<a href="https://www.ancpatna.ac.in/">https://www.ancpatna.ac.in/</a>
<b>9</b>	Patna Women's College, Patna, Bihar Av. Sp.: Botany, Chemistry, Mathematics, Microbiology, Physics, Statistics, Zoology	Entrance Exam	<a href="https://patnawomenscollege.in/">https://patnawomenscollege.in/</a>
<b>Chandigarh</b>			
<b>10</b>	DAV College-Sec 10, Chandigarh Av. Sp.: Biotechnology, Botany, Chemistry, Computer Science, Mathematics, Physics, Zoology	Based on 12th Marks	<a href="https://www.davchd.ac.in/">https://www.davchd.ac.in/</a>
<b>11</b>	Chandigarh University, Chandigarh Av. Sp.: Actuarial, Biotechnology, Botany, Chemistry, Computer Science, Environmental Science, Mathematics, Nutrition & Dietetics, Physics, Zoology	CUCET	<a href="https://cuchd.in/">https://cuchd.in/</a>
<b>12</b>	GGSDS College Sec-32, Chandigarh Av. Sp.: Bioinformatics, Biotechnology	Based on 12th Marks	<a href="http://ggdsd.ac.in/">http://ggdsd.ac.in/</a>
<b>13</b>	MCM DAV College for Women, Chandigarh Av. Sp.: Botany, Chemistry, Mathematics, Physics, Zoology	Based on 12th Marks	<a href="https://mcmdavcwc.edu.in/">https://mcmdavcwc.edu.in/</a>
<b>14</b>	PG Government College for Girls, Chandigarh Av. Sp.: Botany, Chemistry, Computer Science, Mathematics, Physics, Zoology	Based on 12th Marks	<a href="http://www.gcg11.ac.in/">http://www.gcg11.ac.in/</a>
<b>Chhattisgarh</b>			

<b>15</b>	Amity University, Raipur, Chhattisgarh Av. Sp.: Biotechnology, Applied Psychology	CUET-UG	<a href="https://www.amity.edu/raipur/">https://www.amity.edu/raipur/</a>
<b>16</b>	Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh Av. Sp.: Forestry	CUET-UG	<a href="https://www.ggu.ac.in/">https://www.ggu.ac.in/</a>
	<b>Delhi</b>		-
<b>17</b>	Jamia Millia Islamia, Delhi Av. Sp.: Biotechnology, Physics, Chemistry, Applied Mathematics	JMI-ET/ CUET-UG	<a href="https://jmi.ac.in/">https://jmi.ac.in/</a>
	<b>Gujarat</b>		-
<b>18</b>	Gujarat Vidyapith, Ahmedabad, Gujarat Av. Sp.: Microbiology	CUET-UG	<a href="https://www.gujaratvidyapith.org/">https://www.gujaratvidyapith.org/</a>
<b>19</b>	ITM Vocational University, Vadodara, Gujarat Av. Sp.: Environmental Sciences, Medical Laboratory Technology, Optometry, Medical Physics	CUET-UG	<a href="https://www.itm.ac.in/">https://www.itm.ac.in/</a>
<b>20</b>	Parul University, Vadodara, Gujarat Av. Sp.: Public Health	CUET-UG	<a href="https://paruluniversity.ac.in/">https://paruluniversity.ac.in/</a>
<b>21</b>	Gujarat University, Ahmedabad, Gujarat Av. Sp.: Chemistry, Biochemistry & Forensic, Botany, Bioinformatics And Climate Change, Environment Science, Life Science, Earth Science, Mathematics, Microbiology & Biotechnology, Physics, Electronics & Space, Statistics, Zoology & Biomedical Technology, Data Science, Actuarial Science, Applied Mathematics, Food and Nutrition	Based on 12th Marks	<a href="https://www.gujaratuniversity.ac.in/">https://www.gujaratuniversity.ac.in/</a>
<b>22</b>	MG Science Institute, Ahmedabad, Gujarat Av. Sp.: Biochemistry, Botany, Chemistry, Electronics, Geology, Mathematics, Microbiology, Physics, Statistics, Zoology	Based on 12th Marks	<a href="https://mgscience.ac.in/">https://mgscience.ac.in/</a>
<b>23</b>	St. Xavier's College, Ahmedabad, Gujarat Av. Sp.:	Based on 12th Marks	<a href="https://sxca.edu.in/">https://sxca.edu.in/</a>



	Biochemistry, Biotechnology, Botany, Chemistry, Electronics, Statistics, Zoology		
	<b>Haryana</b>		-
<b>24</b>	Amity University, Gurgaon, Haryana  Av. Sp.: Biochemistry, Biological Science, Biotechnology, Clinical Psychology, Dietetics and Applied Nutrition, Earth Science, Forensic Science, Mathematics, Medical Laboratory Technology, Nursing, Molecular Medicine and Stem Cell Technology	CUET-UG	<a href="https://www.amity.edu/gurugram/">https://www.amity.edu/gurugram/</a>
<b>25</b>	Central University Of Haryana, Jaat, Haryana  Av. Sp.: Psychology, Chemistry, Mathematics, Physics	CUET-UG	<a href="https://www.cuh.ac.in/">https://www.cuh.ac.in/</a>
<b>26</b>	Geeta University, Panipat, Haryana  Av. Sp.: Nutrition and Dietetics, Chemistry, Mathematics, Forensic Science, Agriculture, Physics	CUET-UG	<a href="https://www.geetauniversity.edu.in/">https://www.geetauniversity.edu.in/</a>
<b>27</b>	Jagannath University, Bahadurgarh, Haryana  Av. Sp.: Medical Lab Technology, Anesthesia & Operation Theatre Technology, Dialysis Technology, Radiology and Imaging Technology, Physician Associate, Advance Care Paramedics	CUET-UG	<a href="https://www.jagannathuniversityncr.ac.in/">https://www.jagannathuniversityncr.ac.in/</a>
<b>28</b>	K.R. Mangalam University, Gurgaon, Haryana  Av. Sp.: Cyber Security, Data Science, Physics, Chemistry, Maths, Forensic Science, Zoology	CUET-UG	<a href="https://www.krmanagam.edu.in/">https://www.krmanagam.edu.in/</a>
<b>29</b>	Lingaya's Vidyapeeth, Faridabad, Haryana  Av. Sp.: Physics, Chemistry, Mathematics, Agriculture	CUET-UG	<a href="https://www.lingayasvidyapeeth.edu.in/">https://www.lingayasvidyapeeth.edu.in/</a>
<b>30</b>	Manav Rachna University, Faridabad, Haryana  Av. Sp.: Microbiology, Nutrition & Dietetics, Food Science and Technology, Information Technology, Hospitality & Hotel Administration	CUET-UG	<a href="https://mriirs.edu.in/">https://mriirs.edu.in/</a>
<b>31</b>	Om Sterling Global University, Hisar, Haryana  Av. Sp.: Botany, Zoology, Microbiology, Food Technology, Nutrition and	CUET-UG	<a href="https://www.osgu.ac.in/">https://www.osgu.ac.in/</a>



	Dietetics, Forestry, Fisheries, Horticulture, Dairy Technology, Optometry, Radiotherapy, Radiology and Imaging Technology, OT and Anesthesia Technology, Medical Lab Technology, Emergency and Critical Care, Cardiovascular Technology, Dialysis Therapy, Dental Technology, Physician Assistant, Central Sterilization Supply Department, Public Health		
	<b>Himachal Pradesh</b>		-
<b>32</b>	Central University Of Himachal Pradesh, Srinagar, Himachal Pradesh  Av. Sp.: Physics	CUET-UG	<a href="https://www.cuhimachal.ac.in/">https://www.cuhimachal.ac.in/</a>
	<b>Jammu and Kashmir</b>		-
<b>33</b>	Central University Of Jammu, Jammu, Jammu and Kashmir  Av. Sp.: Botany, Zoology, Chemistry, Physics, Economics	CUET-UG	<a href="https://www.cujammu.ac.in/">https://www.cujammu.ac.in/</a>
<b>34</b>	Central University Of Kashmir, Kashmir, Jammu and Kashmir  Av. Sp.: Biotechnology, Zoology	CUET-UG	
<b>35</b>	Govt. Degree College, Baramulla, Jammu and Kashmir  Av. Sp.: Anthropology, Bio Informatics, Biotechnology, Botany, Chemistry, Clinical Biochemistry, Electronics, Environmental Science, Food Science and Technology, Industrial Fish and Fisheries, Information Technology, Mathematics, Physics, Statistics, Water Management, Zoology	CUET-UG	<a href="http://www.baramullacollege.net/">http://www.baramullacollege.net/</a>
<b>36</b>	Jammu University, Jammu, Jammu and Kashmir  Av. Sp.: Biochemistry, Bioinformatics, Biotechnology, Botany, Chemistry, Electronics, Food Science and Quality Control, Geography, Geology, Home Science, Industrial Fish and Fisheries, Mathematics, Physics, Sericulture, Statistics, Zoology	CUET-UG	<a href="https://www.jammuuniversity.ac.in/">https://www.jammuuniversity.ac.in/</a>
<b>37</b>	Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir  Av. Sp.: Biotechnology, Mathematics, Physics	CUET-UG	<a href="https://smvdu.ac.in/">https://smvdu.ac.in/</a>
	<b>Jharkhand</b>		-
<b>38</b>	YBN University, Ranchi, Jharkhand  Av. Sp.:	CUET-UG	<a href="https://www.ybnu.ac.in/">https://www.ybnu.ac.in/</a>

	Agriculture, Medical Laboratory Technology, Operation Theatre, Medical Radiation Imaging Technology, Hospital Administration, Public Health, Biology, Biotechnology, Biochemistry, Chemistry, Mathematics, Physics		
<b>39</b>	Amity University, Ranchi, Jharkhand Av. Sp.: Biotechnology, Chemistry, Clinical Psychology, Forestry and Wildlife Science, Mathematics, Physics	CUET-UG	<a href="https://amity.edu/ranchi/">https://amity.edu/ranchi/</a>
<b>40</b>	Central University of Jharkhand, Ranchi, Jharkhand Av. Sp.: Mathematics, Chemistry, Geography, Environmental Science	CUET-UG	<a href="https://cuja.ac.in/">https://cuja.ac.in/</a>
<b>41</b>	Jharkhand Rai University, Ranchi, Jharkhand Av. Sp.: Agriculture	CUET-UG	<a href="https://www.jru.edu.in/">https://www.jru.edu.in/</a>
<b>42</b>	Jharkhand Raksha Shakti University, Ranchi, Jharkhand Av. Sp.: Forensic Science	CUET-UG	<a href="https://jrsuranchi.com/">https://jrsuranchi.com/</a>
<b>43</b>	Kolhan University, Chaibasa, Jharkhand Av. Sp.: Physics, Chemistry, Botany, Mathematics, Geology, Zoology, Statistics	CUET-UG	<a href="http://kolhanuniversity.ac.in">kolhanuniversity.ac.in</a>
<b>44</b>	Radha Govind University, Ramgarh, Jharkhand Av. Sp.: Physics, Chemistry, Mathematics Botany, Zoology, Biotechnology, Microbiology	CUET-UG	<a href="https://www.rguniversity.org/">https://www.rguniversity.org/</a>
<b>45</b>	Ramchandra Chandravansi University, Palamu, Jharkhand Av. Sp.: Botany, Chemistry, Mathematics, Physics, Zoology, Geology, Nursing	CUET-UG	<a href="https://www.rcu.edu.in/">https://www.rcu.edu.in/</a>
<b>46</b>	Sai Nath University, Jirabar, Jharkhand Av. Sp.: Nursing, Agriculture	CUET-UG	<a href="https://www.sainathuniversity.com/">https://www.sainathuniversity.com/</a>
<b>47</b>	Sarala Birla University, Ranchi, Jharkhand Av. Sp.: Mathematics	CUET-UG	<a href="https://sbu.ac.in/">https://sbu.ac.in/</a>

<b>48</b>	Sido Kanhu Murmu University, Dumka, Jharkhand  Av. Sp.: Chemistry, Botany, Geology, Zoology, Statistics, Mathematics, Physics	CUET-UG	<a href="https://skmu.ac.in/">https://skmu.ac.in/</a>
<b>49</b>	St. Xavier's College, Ranchi, Jharkhand  Av. Sp.: Biotechnology, Botany, Chemistry, Computer Application, Geology, Information Technology, Mathematics, Physics, Statistics, Zoology	Based on 12th Marks	<a href="https://www.sxcran.org/">https://www.sxcran.org/</a>
	<b>Karnataka</b>		-
<b>50</b>	Amity University, Bangalore, Karnataka  Av. Sp.: Clinical Psychology	CUET-UG	<a href="https://amity.edu/Bengaluru/">https://amity.edu/Bengaluru/</a>
<b>51</b>	Central University of Karnataka, Kalaburagi, Karnataka  Av. Sp.: Physics, Chemistry, Geology, Psychology, Geography, Life Science	CUET-UG	<a href="https://www.cuk.ac.in/">https://www.cuk.ac.in/</a>
<b>52</b>	Chanakya University, Bangalore, Karnataka  Av. Sp.: Actuarial Science	CUET-UG	<a href="https://chanakyauniversity.edu.in/">https://chanakyauniversity.edu.in/</a>
<b>53</b>	GITAM, Bengaluru, Karnataka  Av. Sp.: Mathematics, Physics, Biotechnology, Food Science and Technology, Statistics, Chemistry	CUET-UG	<a href="https://www.gitam.edu/">https://www.gitam.edu/</a>
<b>54</b>	Yenepoya University, Mangalore, Karnataka  Av. Sp.: Forensic Science, Food Science, Nutrition, and Dietetics, Microbiology, Medical Lab Technology, Anesthesia & OT Technology, Cardio Vascular Technology, Medical Imaging Technology, Renal Dialysis Technology, Perfusion Technology, Radiotherapy Technology, Respiratory Therapy, Neuro Science Technology, Physician Assistant, Emergency/ Trauma Care Management, Clinical Psychology	CUET-UG	<a href="https://yenepoya.edu.in/">https://yenepoya.edu.in/</a>
<b>55</b>	Christ University, Bangalore, Karnataka  Av. Sp.: Biotechnology, Botany, Chemistry, Computer Science, Data	CUET	<a href="https://www.christuniversity.in/">https://www.christuniversity.in/</a>

	Science/Analytics, Economics, Electronics, Mathematics, Physics, Statistics, Zoology		
<b>56</b>	IISc, Bangalore, Karnataka  Av. Sp.: Biology, Chemistry, Earth & Environmental, Materials, Mathematics, Physics	IAT / JEE-MAIN / JEE-ADVANCED / NEET-UG	<a href="https://iisc.ac.in/">https://iisc.ac.in/</a>
<b>57</b>	Jain University, Bengaluru, Karnataka  Av. Sp.: Biochemistry, Biotechnology, Cancer Biology, Chemistry, Computer Science, Data Science/Analytics, Forensic Science, Genetics, Mathematics, Microbiology, Nutrition & Dietetics, Physics, Psychology, Renewable Energy, Virology & Immunology	JET	<a href="https://www.jainuniversity.ac.in/">https://www.jainuniversity.ac.in/</a>
<b>58</b>	Kristu Jayanti College, Bangalore, Karnataka  Av. Sp.: Biochemistry, Biotechnology, Botany, Computer Science, Economics, Electronics, Forensic Science, Genetics, Mathematics, Physics, Statistics	Based on 12th Marks	<a href="https://kristujayanti.edu.in/">https://kristujayanti.edu.in/</a>
<b>59</b>	Maharani Lakshmi Ammanni College for Women, Bengaluru, Karnataka  Av. Sp.: Biochemistry, Biotechnology, Botany, Chemistry, Computer Science, Electronics, Mathematics, Microbiology, Physics, Psychology, Zoology	Based on 12th Marks	<a href="https://mlacw.edu.in/">https://mlacw.edu.in/</a>
<b>60</b>	MAHE, Manipal, Karnataka  Av. Sp.: Biotechnology, Food & Nutrition, Forensic Science, Psychology	Based on 12th Marks	<a href="https://manipal.edu/">https://manipal.edu/</a>
<b>61</b>	Mount Carmel College, Bangalore, Karnataka  Av. Sp.: Biotechnology, Botany, Chemistry, Computer Science, Economics, Electronics, Environmental Science, Home Science, Mathematics, Microbiology, Nutrition & Dietetics, Physics, Statistics, Zoology	Based on 12th Marks	<a href="https://mccblr.edu.in/">https://mccblr.edu.in/</a>
<b>62</b>	Ramaiah College of Arts Science and Commerce, Bengaluru, Karnataka  Av. Sp.:	Based on 12th Marks	<a href="https://www.msrtc.ac.edu.in/">https://www.msrtc.ac.edu.in/</a>

	Biotechnology, Chemistry, Computer Science, Electronics, Genetics, Mathematics, Microbiology		
<b>63</b>	St. Aloysius College, Mangalore, Karnataka  Av. Sp.: Biochemistry, Biotechnology, Botany, Chemistry, Computer Science, Economics, Electronics, Mathematics, Microbiology, Physics, Statistics, Zoology	Based on 12th Marks	<a href="https://www.staloyus.edu.in/">https://www.staloyus.edu.in/</a>
<b>64</b>	St. Joseph's College, Bengaluru, Karnataka  Av. Sp.: Biochemistry, Biology, Biotechnology, Botany, Chemistry, Computer Science, Economics, Electronics, Environmental Science, Mathematics, Microbiology, Physics, Statistics, Zoology	Based on 12th Marks	<a href="https://www.sjc.ac.in/">https://www.sjc.ac.in/</a>
<b>65</b>	The Oxford College of Science, Bangalore, Karnataka  Av. Sp.: Biochemistry, Biotechnology, Chemistry, Computer Science, Electronics, Genetics, Mathematics, Microbiology, Physics, Statistics, Zoology	Based on 12th Marks	<a href="http://www.theoxfordscience.org/">http://www.theoxfordscience.org/</a>
	<b>Kerala</b>		-
<b>66</b>	Chinmaya Vishwa Vidyapeeth, Arakkunnam, Kerala  Av. Sp.: Applied Psychology	CUET-UG	<a href="https://www.cvv.ac.in/">https://www.cvv.ac.in/</a>
<b>67</b>	Bharata Mata College, Kochi, Kerala  Av. Sp.: Botany, Zoology	Based on 12th Marks	<a href="https://bharatamatacollege.in/">https://bharatamatacollege.in/</a>
<b>68</b>	Bishop Heber College, Tiruchirappalli, Kerala  Av. Sp.: Actuarial, Biotechnology, Botany, Chemistry, Computer Science, Environmental Science, Mathematics, Nutrition & Dietetics, Physics, Zoology	Based on 12th Marks	<a href="http://bhc.edu.in/">http://bhc.edu.in/</a>
<b>69</b>	IISER, Thiruvananthapuram, Kerala  Av. Sp.: Biological Sciences, Chemical Sciences, Data Science/Analytics, Mathematical Sciences, Physical Sciences	IAT /JEE-ADVANCED / SCB IISER-AT	<a href="https://www.iisertvm.ac.in/">https://www.iisertvm.ac.in/</a>
<b>70</b>	Sacred Heart College, Kochi, Kerala  Av. Sp.: Botany, Chemistry, Computer Science, Mathematics, Physics,	Based on 12th Marks	<a href="https://www.shcollege.ac.in/">https://www.shcollege.ac.in/</a>

	Psychology, Zoology		
<b>71</b>	Vimala College, Thrissur, Kerala  Av. Sp.: Botany, Chemistry, Computer Science, Home Science, Mathematics, Physics, Psychology, Statistics, Zoology	Based on 12th Marks	<a href="http://www.vimalacollege.edu.in/">http://www.vimalacollege.edu.in/</a>
	<b>Madhya Pradesh</b>		-
<b>72</b>	AKS University, Satna, Madhya Pradesh  Av. Sp.: Agriculture, Horticulture, Mathematics, Computer Science, Biotechnology, Biology, Seed Technology, Information Technology	CUET-UG	<a href="https://www.aksuniversity.ac.in/">https://www.aksuniversity.ac.in/</a>
<b>73</b>	Amity University, Gwalior, Madhya Pradesh  Av. Sp.: Biotechnology, Biology, Clinical Psychology	CUET-UG	<a href="https://www.amity.edu/gwalior/">https://www.amity.edu/gwalior/</a>
<b>74</b>	Barkatullah Vishwavidyalaya, Bhopal, Madhya Pradesh  Av. Sp.: Zoology, Agriculture	CUET-UG	<a href="http://www.bubhopal.ac.in/">http://www.bubhopal.ac.in/</a>
<b>75</b>	Dr. Harisingh Gour Vishwavidyalaya, Sagar, Madhya Pradesh  Av. Sp.: Biology, Mathematics	CUET-UG	<a href="http://www.dhsgsu.ac.in/">http://www.dhsgsu.ac.in/</a>
<b>76</b>	IES University, Bhopal, Madhya Pradesh  Av. Sp.: Agriculture, Nursing, PCM	CUET-UG	<a href="https://www.iesuniversity.ac.in/">https://www.iesuniversity.ac.in/</a>
<b>77</b>	ITM University, Gwalior, Madhya Pradesh  Av. Sp.: Horticulture, Biotechnology, Food Technology, PCM, Microbiology	CUET-UG	<a href="https://itmuniversity.ac.in/">https://itmuniversity.ac.in/</a>
<b>78</b>	Rabindranath Tagore University, Bhopal, Madhya Pradesh  Av. Sp.: Physics, Chemistry, Mathematics, Biology, Microbiology, Biotechnology, Forensic Science, Agriculture	CUET-UG	<a href="https://rntu.ac.in/">https://rntu.ac.in/</a>
<b>79</b>	RKDF University, Bhopal, Madhya Pradesh  Av. Sp.: Agriculture, Nursing, Chemistry, Biotechnology, Microbiology, Botany, Zoology, Mathematics, Physics	CUET-UG	<a href="https://www.rkdf.ac.in/">https://www.rkdf.ac.in/</a>

<b>80</b>	Scope Global Skills University, Bhopal, Madhya Pradesh  Av. Sp.: Physics, Chemistry, Mathematics, Botany, Zoology, Renewable Energy, Plastic Technology, Geoinformatics, Forensic Science, Nursing Care, Patient Care Management, Agriculture, Food Technology, Statistics, Welding Technology, Manufacturing Technology	CUET-UG	<a href="https://sgsuniversity.ac.in/">https://sgsuniversity.ac.in/</a>
<b>81</b>	IISER, Bhopal, Madhya Pradesh  Av. Sp.: Biology, Chemistry, Earth & Environmental, Economics, Engineering Science, Mathematics, Physics	IAT /JEE-ADVANCED / SCB IISER-AT	<a href="https://www.iiserb.ac.in/">https://www.iiserb.ac.in/</a>
<b>82</b>	IPS Academy, Indore, Madhya Pradesh  Av. Sp.: Biotechnology, Botany, Chemistry, Computer Science, Electronics, Horticulture, Life Sciences, Mathematics, Physics, Seed Technology	Based on 12th Marks	<a href="https://www.ipsacademy.org/">https://www.ipsacademy.org/</a>
<b>Maharashtra</b>			
<b>83</b>	Amity University, Mumbai, Maharashtra  Av. Sp.: Chemistry, Mathematics, Biotechnology	CUET-UG	<a href="https://www.amity.edu/mumbai/">https://www.amity.edu/mumbai/</a>
<b>84</b>	Datta Meghe Institute Of Higher Education And Research, Wardha, Maharashtra  Av. Sp.: Artificial Intelligence and Data Science, Biomedical Sciences, Health Sciences, Medical Record Technology, Clinical Nutrition and Dietetics, Accident and Trauma Care, Endoscopy & Lap., Geriatric Care, Cosmetology and Dermatology, Radiotherapy Technology, Neuro Electro Physiology, Anesthesia Technology, Cardiac Technology, Cardiovascular Technology, Dialysis Therapy Technology, Intensive Care Technology, Medical Laboratory Technology, Operation Theatre Technology, Orthopedic Technology, Yoga and Naturopathy	CUET-UG	<a href="https://www.dmiher.edu.in/">https://www.dmiher.edu.in/</a>
<b>85</b>	ITM Skills University, Navi Mumbai, Maharashtra  Av. Sp.: Medical Laboratory Technology, Industrial Chemistry, Optometry, Medical Physics	CUET-UG	<a href="https://isu.ac.in/">https://isu.ac.in/</a>
<b>86</b>	Mithibai College, Mumbai, Maharashtra	CUET-UG	<a href="https://www.mithibai.ac.in/">https://www.mithibai.ac.in/</a>

	Av. Sp.: Biotechnology, Botany, Chemistry, Computer Science, Mathematics, Microbiology, Physics, Psychology, Statistics, Applied Statistics and Data Analytics, Zoology, Biochemistry		
<b>87</b>	MVN University, Aurangabad, Maharashtra Av. Sp.: Medical Laboratory Technology, Biotechnology	CUET-UG	<a href="https://www.mvn.edu.in/">https://www.mvn.edu.in/</a>
<b>88</b>	Tilak Maharashtra University, Pune, Maharashtra Av. Sp.: Professional Audio Technology	CUET-UG	<a href="http://www.tmv.edu.in/">http://www.tmv.edu.in/</a>
<b>89</b>	BK Birla College of Arts Science & Commerce, Mumbai, Maharashtra Av. Sp.: Biotechnology, Botany, Chemistry, Computer Science, Mathematics, Microbiology, Physics, Zoology	Based on 12th Marks	<a href="https://www.bkbirlacollegekalyan.com/">https://www.bkbirlacollegekalyan.com/</a>
<b>90</b>	IISER, Pune, Maharashtra Av. Sp.: Biology, Chemistry, Earth & Climate Science, Mathematics, Physics	IAT /JEE-ADVANCED / SCB IISER-AT	<a href="https://www.iiserpune.ac.in/">https://www.iiserpune.ac.in/</a>
<b>91</b>	IIT, Bombay, Maharashtra Av. Sp.: Chemistry, Economics, Mathematics	JEE Advanced	<a href="https://www.iitb.ac.in/">https://www.iitb.ac.in/</a>
<b>92</b>	KishinchandChellaram College, Mumbai, Maharashtra Av. Sp.: Biotechnology, Chemistry, Computer Science, Information Technology, Life Sciences, Mathematics, Microbiology, Physics	Based on 12th Marks	<a href="https://www.kccollege.edu.in/">https://www.kccollege.edu.in/</a>
<b>93</b>	KJ Somaiya College of Science and Commerce, Mumbai, Maharashtra Av. Sp.: Biochemistry, Botany, Chemistry, Geology, Mathematics, Microbiology, Physics, Statistics, Zoology	Based on 12th Marks	<a href="https://kissc.somaiya.edu/kissc/">https://kissc.somaiya.edu/kissc/</a>
<b>94</b>	Patkar-Varde College, Mumbai, Maharashtra Av. Sp.: Actuarial, Microbiology, Biotechnology, Aviation, Actuarial Science and Quantitative Finance, Data Science and Business Analytics, Hospitality And Catering		<a href="https://www.patkarvardecollege.edu.in/">https://www.patkarvardecollege.edu.in/</a>



<b>95</b>	Ramnarain Ruia College, Mumbai, Maharashtra  Av. Sp.: Biochemistry, Biotechnology, Botany, Chemistry, Computer Science, Life Sciences, Mathematics, Microbiology, Physics, Statistics, Zoology	Based on 12th Marks	<a href="https://www.ruiacollege.edu/">https://www.ruiacollege.edu/</a>
<b>96</b>	Ramniranjan Jhunjhunwala College, Mumbai, Maharashtra  Av. Sp.: Biotechnology, Botany, Chemistry, Computer Science, Information Technology, Mathematics, Physics, Statistics, Zoology	Based on 12th Marks	<a href="https://www.rjcollege.edu.in/">https://www.rjcollege.edu.in/</a>
<b>97</b>	Sophia College for Women, Mumbai, Maharashtra  Av. Sp.: Biochemistry, Chemistry, Life Sciences, Microbiology	Based on 12th Marks	<a href="https://sophiacollegemumbai.com/">https://sophiacollegemumbai.com/</a>
<b>98</b>	St. Xavier's College, Mumbai, Maharashtra  Av. Sp.: Biochemistry, Botany, Chemistry, Computer Science, Economics, Geology, Life Sciences, Mathematics, Microbiology, Physics, Statistics, Zoology	Based on 12th Marks	<a href="https://xaviers.edu/">https://xaviers.edu/</a>
<b>99</b>	University of Mumbai-Dept. of Atomic Energy, Mumbai, Maharashtra  Av. Sp.: Basic Sciences	NEST/IAT	<a href="https://www.cbs.ac.in/">https://www.cbs.ac.in/</a>
	<b>Meghalaya</b>		-
<b>100</b>	North-Eastern Hill University, Shillong, Meghalaya  Av. Sp.: Biochemistry, Biotechnology, Botany, Chemistry, Clinical Nutrition, Electronics, Environmental Science, Fisheries, Geography, Geology, Home Science, Mathematics, Microbiology, Physics, Statistics, Zoology	CUET-UG	<a href="https://www.nehu.ac.in/">https://www.nehu.ac.in/</a>
	<b>Mizoram</b>		-
<b>101</b>	Mizoram University, Aizawl, Mizoram  Av. Sp.: Biotechnology, Botany, Chemistry, Environmental Science, Geology, Mathematics, Physics, Statistics, Zoology	CUET-UG	<a href="https://mzu.edu.in/">https://mzu.edu.in/</a>
	<b>Nagaland</b>		-
<b>102</b>	Nagaland University, Meriema, Nagaland	CUET-UG	<a href="https://nagalanduniversity.ac.in/">https://nagalanduniversity.ac.in/</a>

	Av. Sp.: Chemistry, Botany, Geography, Geology, Mathematics, Zoology, Physics, Agriculture		
	<b>New Delhi</b>		-
<b>103</b>	Guru Gobind Singh Indraprastha University, New Delhi  Av. Sp.: Medical Radiography and Imaging Technology, Yoga, Medical Lab Technology, Medical Imaging Technology	IPU-CET, CUET-UG	<a href="http://www.ipu.ac.in/">http://www.ipu.ac.in/</a>
<b>104</b>	Indian Council of Agricultural Research, New Delhi  Av. Sp.: Agriculture, Horticulture, Forestry, Community Science, Sericulture, Food Nutrition and Dietetics	CUET-UG	<a href="https://www.icar.org.in/">https://www.icar.org.in/</a>
<b>105</b>	Jamia Hamdard University, New Delhi  Av. Sp.: Biotechnology, Biochemistry, Botany, Chemistry, Clinical Research, Toxicology	CUET-UG	<a href="https://jamiahamdard.edu/">https://jamiahamdard.edu/</a>
<b>106</b>	Jawaharlal Nehru University, New Delhi  Av. Sp.: Ayurveda Biology	CUET-UG	<a href="https://www.jnu.ac.in/main/">https://www.jnu.ac.in/main/</a>
<b>107</b>	University of Delhi, New Delhi  Av. Sp.: Anthropology, Biological Sciences, Botany, Zoology, Biomedical Science, Chemistry, Physics, Biochemistry, Polymer Science, Electronics, Instrumentation, Environmental Science, Food Technology, Geology, Mathematics, Statistics, Home Science, Physical Sciences, Microbiology, Life Sciences, Home Science, Mathematical Science	CUET-UG	<a href="https://www.du.ac.in/">https://www.du.ac.in/</a>
<b>108</b>	Acharya Narendra Dev College, Delhi, New Delhi  Av. Sp.: Biological Sciences, Botany, Chemistry, Computer Science, Electronics, Life Sciences, Mathematics, Physics, Zoology	CUET-UG	<a href="https://www.andcollege.du.ac.in/">https://www.andcollege.du.ac.in/</a>
<b>109</b>	Atma Ram Sanatan Dharma College, Delhi, New Delhi  Av. Sp.: Applied Physical Science, Chemistry, Computer Science, Electronics, Industrial, Chemistry, Mathematics, Physical Sciences, Physics	CUET-UG	<a href="https://www.arsdcollege.ac.in/">https://www.arsdcollege.ac.in/</a>
<b>110</b>	Daulat Ram College, Delhi, New Delhi	CUET-UG	<a href="http://www.dr.du.ac">http://www.dr.du.ac</a>

	Av. Sp.: Biochemistry, Botany, Chemistry, Life Sciences, Mathematics, Physics, Zoology		<a href="#">.in/</a>
<b>111</b>	Deen Dayal Upadhyay College, Delhi, New Delhi  Av. Sp.: Botany, Chemistry, Computer Science, Electronics, Life Sciences, Mathematical Sciences, Mathematics, Physics, Zoology	CUET-UG	<a href="https://dducolleged u.ac.in/">https://dducolleged u.ac.in/</a>
<b>112</b>	Gargi College, Delhi, New Delhi  Av. Sp.: Botany, Chemistry, Mathematics, Microbiology, Physics, Zoology	CUET-UG	<a href="http://www.gargi.du .ac.in/">http://www.gargi.du .ac.in/</a>
<b>113</b>	Hansraj College, Delhi, New Delhi  Av. Sp.: Anthropology, Applied Life Science, Applied Physical Science, Biochemistry, Biological Sciences, Biomedical Science, Botany, Chemistry, Computer Science, Electronics, Environmental Science, Food Technology, Geology, Home Science, Instrumentation, Life Sciences, Mathematical Sciences, Mathematics, Microbiology, Physical Sciences, Physics, Polymer Science, Statistics, Zoology	CUET-UG	<a href="https://www.hansraj college.ac.in/">https://www.hansraj college.ac.in/</a>
<b>114</b>	Hindu College, Delhi, New Delhi  Av. Sp.: Botany, Chemistry, Mathematics, Physical Sciences, Physics, Statistics, Zoology	CUET-UG	<a href="http://www.hinduco llege.ac.in/">http://www.hinduco llege.ac.in/</a>
<b>115</b>	Indraprastha College for Women, Delhi, New Delhi  Av. Sp.: Computer Science, Mathematics	CUET-UG	<a href="http://www.ipcolleg e.ac.in/">http://www.ipcolleg e.ac.in/</a>
<b>116</b>	Kirori Mal College, Delhi, New Delhi  Av. Sp.: Applied Physical Science, Botany, Chemistry, Life Sciences, Mathematics, Physical Sciences, Physics, Statistics, Zoology	CUET-UG	<a href="http://www.kmcolle ge.ac.in/">http://www.kmcolle ge.ac.in/</a>
<b>117</b>	Lady Irwin College, Delhi, New Delhi  Av. Sp.: Food Technology, Home Science	CUET-UG	<a href="http://www.ladyirwi n.edu.in/">http://www.ladyirwi n.edu.in/</a>
<b>118</b>	Lady Shri Ram College for Women, Delhi, New Delhi	CUET-UG	<a href="https://lsr.edu.in/">https://lsr.edu.in/</a>

	Av. Sp.: Mathematics, Statistics		
<b>119</b>	Lakshmibai College, Delhi, New Delhi  Av. Sp.: Home Science, Mathematics	CUET-UG	<a href="https://lakshmibaicollege.in/">https://lakshmibaicollege.in/</a>
<b>120</b>	Maharaja Agrasen College, Delhi, New Delhi  Av. Sp.: Electronics, Mathematics, Physical Sciences	CUET-UG	<a href="http://mac.du.ac.in/">http://mac.du.ac.in/</a>
<b>121</b>	Maitreyi College, Delhi, New Delhi  Av. Sp.: Botany, Chemistry, Computer Science, Life Sciences, Mathematics, Physical Sciences, Physics, Zoology	CUET-UG	<a href="http://maitreyi.ac.in/">http://maitreyi.ac.in/</a>
<b>122</b>	Miranda House, Delhi, New Delhi  Av. Sp.: Botany, Chemistry, Computer Science, Life Sciences, Mathematics, Physical Sciences, Physics, Zoology	CUET-UG	<a href="https://www.mirandahouse.ac.in/">https://www.mirandahouse.ac.in/</a>
<b>123</b>	Ramjas College, Delhi, New Delhi  Av. Sp.: Botany, Chemistry, Life Sciences, Mathematics, Physics, Statistics, Zoology	CUET-UG	<a href="https://ramjas.du.ac.in/">https://ramjas.du.ac.in/</a>
<b>124</b>	Shivaji College, Delhi, New Delhi  Av. Sp.: Biochemistry, Botany, Chemistry, Computer Science, Life Sciences, Mathematics, Physical Sciences, Physics, Zoology	CUET-UG	<a href="https://www.shivajicollege.ac.in/">https://www.shivajicollege.ac.in/</a>
<b>125</b>	Sri Venkateswara College, Delhi, New Delhi  Av. Sp.: Biochemistry, Biological Sciences, Botany, Chemistry, Electronics, Life Sciences, Mathematics, Physics, Statistics, Zoology	CUET-UG	<a href="http://www.svc.ac.in/">http://www.svc.ac.in/</a>
<b>126</b>	St. Stephens College, Delhi, New Delhi  Av. Sp.: Chemistry, Mathematics, Physical Sciences, Physics	CUET-UG	<a href="https://www.ststephens.edu/">https://www.ststephens.edu/</a>
	<b>Odisha</b>		
<b>127</b>	IISER, Berhampur, Odisha	IAT /JEE-ADVANC	<a href="https://www.iiserbpr.ac.in/">https://www.iiserbpr.ac.in/</a>

	Av. Sp.: Biological Sciences, Chemical Sciences, Mathematics, Physical Sciences	ED / SCB IISER-AT	
<b>128</b>	NISER, Bhubaneswar, Odisha  Av. Sp.: Biology, Chemistry, Computer Science, Earth & Planetary Science, Mathematics, Physics	NEST	<a href="https://www.niser.ac.in/">https://www.niser.ac.in/</a>
<b>129</b>	NIT, Rourkela, Odisha  Av. Sp.: Chemistry, Mathematics, Physics	JEE- MAIN	<a href="https://www.nitrkl.ac.in/">https://www.nitrkl.ac.in/</a>
	<b>Punjab</b>		-
<b>130</b>	Amity University, Mohali, Punjab  Av. Sp.: Microbiology, Nutrition and Dietetics, Biochemistry, Biotechnology, Bioinformatics, Chemistry, Computational Physics, Clinical Psychology, Environmental Science, Forensic Science, Food Science and Processing, Human Genetics and Molecular Microbiology Medicine	CUET-UG	<a href="https://www.amity.edu/mohali/">https://www.amity.edu/mohali/</a>
<b>131</b>	CT University, Ludhiana, Punjab  Av. Sp.: Medical Radiology and Imaging Technology, Medical Laboratory Technology, Anesthesia Technology, Operation Theatre Technology, Nutrition and Dietetics, Forensics, Clinical Research and Healthcare Management	CUET-UG	<a href="https://ctuniversity.in/">https://ctuniversity.in/</a>
<b>132</b>	DAV University, Jalandhar, Punjab  Av. Sp.: Medical Laboratory Technology	CUET-UG	<a href="https://www.davuniversity.org/">https://www.davuniversity.org/</a>
<b>133</b>	Guru Kashi University, Bhatinda, Punjab  Av. Sp.: Information Technology, Agriculture, Mathematics, Medical Lab Technology, Operation Theatre Technology, Radiology & Imaging Technology, Fashion Technology	CUET-UG	<a href="https://gku.ac.in/">https://gku.ac.in/</a>
<b>134</b>	Lovely Professional University, Jalandhar, Punjab  Av. Sp.: Physics, Chemistry, Mathematics, Statistics, Agriculture, Food Technology, Nutrition & Dietetics, Biotechnology, Microbiology, Forensic Sciences, Botany, Zoology, Medical Laboratory	CUET-UG	<a href="https://www.lpu.in/">https://www.lpu.in/</a>

	Technology		
<b>135</b>	Dev Samaj College for Women, Ferozepur, Punjab Av. Sp.: Botany, Chemistry, Computer Science, Mathematics, Physics, Zoology	Based on 12th Marks	<a href="https://www.dscw45.ac.in/">https://www.dscw45.ac.in/</a>
<b>136</b>	IISER, Mohali, Punjab Av. Sp.: Biology, Chemistry, Mathematics, Physics	IAT /JEE-ADVANCED / SCB IISER-AT	<a href="https://www.iisermohali.ac.in/">https://www.iisermohali.ac.in/</a>
	<b>Rajasthan</b>		-
<b>137</b>	Amity University, Jaipur, Rajasthan Av. Sp.: Biotechnology, Microbiology, Applied Psychology	CUET-UG	<a href="https://www.amity.edu/jaipur/">https://www.amity.edu/jaipur/</a>
<b>138</b>	Apex University, Jaipur, Rajasthan Av. Sp.: Sound Engineering, CBZ, PCM, Forensic Science, Medical Lab Technology, Radiation Technology, Operation Theater Technology-OTT, Nursing, Physics, Chemistry, Mathematics, Yoga Sciences	CUET-UG	<a href="https://www.apexuniversity.co.in/">https://www.apexuniversity.co.in/</a>
<b>139</b>	Bhagwant University, Ajmer, Rajasthan Av. Sp.: Agriculture, Psychology	CUET-UG	<a href="https://bhagwantuniversity.ac.in/">https://bhagwantuniversity.ac.in/</a>
<b>140</b>	Career Point University, Kota, Rajasthan Av. Sp.: Agriculture, Nutrition & Dietetics	CUET-UG	<a href="http://cpur.in/">http://cpur.in/</a>
<b>141</b>	ICFAI University, Jaipur, Rajasthan Av. Sp.: Mathematics & Physics, Forensic Science	CUET-UG	<a href="https://iujaipur.edu.in/">https://iujaipur.edu.in/</a>
<b>142</b>	Jagannath University, Jaipur, Rajasthan Av. Sp.: Agriculture, Agribusiness, PCM, Radiology & Imaging Technology, Anesthesia & Operation Theatre Technology, Cardiovascular and Cath Lab Technology, Dialysis Therapy Technology, Physician Associates	CUET-UG	<a href="https://www.jagannathuniversity.org/">https://www.jagannathuniversity.org/</a>
<b>143</b>	Madhav University, Sirohi, Rajasthan Av. Sp.:	CUET-UG	<a href="https://madhavuniversity.edu.in/">https://madhavuniversity.edu.in/</a>

	Information Technology, PCM, PCB		
<b>144</b>	Mewar University, Chittorgarh, Rajasthan  Av. Sp.: Chemistry, Botany, Zoology, Biotechnology, Mathematics, Statistics, Physics, Agriculture, Forestry, Horticulture, Cardiac, Respiratory Care, Ophthalmology, Dialysis Care, Dietetics & Food Nutrition, Aircraft Maintenance Engineering, Cyber Security, Cloud Computing, Artificial Intelligence, Machine Learning, Internet of Things, Data Science, Web Technology, Animation and Visual Effects, Block Chain Technology	CUET-UG	<a href="https://www.mewaruniversity.org/">https://www.mewaruniversity.org/</a>
<b>145</b>	Mody University of Science and Technology, Sikar, Rajasthan  Av. Sp.: Physics, Chemistry, Maths, Zoology, Data Science, Biotechnology, Psychology, Food and Nutrition, Forensic Science	CUET-UG	<a href="https://www.modyuniversity.ac.in/">https://www.modyuniversity.ac.in/</a>
<b>146</b>	RNB Global University, Bikaner, Rajasthan  Av. Sp.: Agriculture, Physics, Chemistry, Mathematics, Zoology, Botany	CUET-UG	<a href="https://www.rnbglobal.edu.in/">https://www.rnbglobal.edu.in/</a>
<b>147</b>	Sangam University, Atoon, Rajasthan  Av. Sp.: Chemistry, Botany, Zoology, Physics, Mathematics, Geology, Geography, Eco Science, Agribusiness Management, Agriculture, Fire Safety & Hazard Management	CUET-UG	<a href="https://sangamuniversity.ac.in/">https://sangamuniversity.ac.in/</a>
<b>148</b>	Shri Khushal Das University, Hanumangarh, Rajasthan  Av. Sp.: Agribusiness Management, Fire and Safety, Agriculture	CUET-UG	<a href="https://skduniversity.com/">https://skduniversity.com/</a>
<b>149</b>	Shyam University, Dausa, Rajasthan  Av. Sp.: Agriculture, Agribusiness Management, Physics, Chemistry, Zoology, Botany, Mathematics	CUET-UG	<a href="https://shyamuniversity.in/">https://shyamuniversity.in/</a>
<b>150</b>	Suresh Gyan Vihar University, Jaipur, Rajasthan  Av. Sp.: Agribusiness Management, Biotechnology, Virology & Immunology, Forensic Sciences, Geology	CUET-UG	<a href="https://www.gyanvihar.org/">https://www.gyanvihar.org/</a>
<b>151</b>	Tribhuvan College of Environment & Development Sciences, Neemrana, Rajasthan	CUET-UG	<a href="https://teds.ac.in/">https://teds.ac.in/</a>

	Av. Sp.: Environmental Science, Data Science, Sustainable Development Studies		
<b>152</b>	University of Technology, Jaipur, Rajasthan  Av. Sp.: Chemistry, Mathematics, Physics	CUET-UG	<a href="https://www.universityoftechnology.edu.in/">https://www.universityoftechnology.edu.in/</a>
<b>153</b>	Vivekananda Global University, Jaipur, Rajasthan  Av. Sp.: Agriculture, Radiology and Imaging Technology, Medical Laboratory Technology, Operation Theatre Technology, Optometry	CUET-UG	<a href="https://www.vgu.ac.in/">https://www.vgu.ac.in/</a>
<b>154</b>	Poddar International College, Jaipur, Rajasthan  Av. Sp.: Botany, Chemistry, Economics, Geography, Mathematics, Physics, Psychology, Statistics, Zoology	Based on 12th Marks	<a href="https://poddarinstitute.org/">https://poddarinstitute.org/</a>
<b>155</b>	SS Jain Subodh PG College, Jaipur, Rajasthan  Av. Sp.: Biology, Biotechnology, Botany, Chemistry, Economics, Geography, Mathematics, Microbiology, Physics, Psychology, Statistics, Zoology	Based on 12th Marks	<a href="http://www.subodhpgcollege.com/">http://www.subodhpgcollege.com/</a>
<b>156</b>	St. Wilfred Group of Colleges, Jaipur, Rajasthan  Av. Sp.: Botany, Chemistry, Geography, Mathematics, Physics, Psychology, Statistics, Zoology	Based on 12th Marks	<a href="https://stwilfreds.com/">https://stwilfreds.com/</a>
	<b>Sikkim</b>		-
<b>157</b>	Sikkim Professional University, Gangtok, Sikkim  Av. Sp.: Medical Lab Technology, Biotechnology, Microbiology, Agriculture, Horticulture, Nursing	CUET-UG	<a href="https://www.spu.ac/">https://www.spu.ac/</a>
<b>158</b>	Sikkim University, Gangtok, Sikkim  Av. Sp.: Psychology, Botany, Chemistry, Mathematics, Microbiology, Physics, Statistics, Zoology, Psychology, Nursing	CUET-UG	<a href="https://cus.ac.in/">https://cus.ac.in/</a>
	<b>Tamil Nadu</b>		-
<b>159</b>	Avinashilingam University for Women, Coimbatore, Tamil Nadu  Av. Sp.:	CUET-UG	<a href="https://avinuty.ac.in/">https://avinuty.ac.in/</a>



	Food Service Management and Dietetics, Food Science and Nutrition, Human Development, Rural Development and Sociology, Mathematics, Physics, Chemistry, Botany, Psychology		
<b>160</b>	Central University of Tamil Nadu, Thiruvavur, Tamil Nadu  Av. Sp.: Textiles, Technical Textiles	CUET-UG	<a href="https://cutn.ac.in/">https://cutn.ac.in/</a>
<b>161</b>	Hindustan Institute of Technology and Science, Chennai, Tamil Nadu  Av. Sp.: Visual Communication, Food Technology, Data Science, Artificial Intelligence and Data Analytics, Gaming Design, Mathematics	CUET-UG	<a href="https://hindustanuniv.ac.in/">https://hindustanuniv.ac.in/</a>
<b>162</b>	Joy University, Tirunelveli, Tamil Nadu  Av. Sp.: Data Science, Information Systems, Agriculture, Horticulture, Anesthesia & Operation Theatre, Cardiac Perfusion Technology, Medical Radiology and Imaging, Neurophysiology Technology, Dialysis Therapy, Biotechnology, Microbiology, Biology, Mathematics, Physics, Nursing	CUET-UG	<a href="https://joyuniversity.edu.in/">https://joyuniversity.edu.in/</a>
<b>163</b>	Noorul Islam Centre For Higher Education, Kumarakovil, Tamil Nadu  Av. Sp.: Perfusion Technology, Cardiac Care Technology, Renal Dialysis Technology, Human Genetics and Molecular Biology, Forensic Science, Cyber Forensics	CUET-UG	<a href="https://www.niuniv.com/">https://www.niuniv.com/</a>
<b>164</b>	The Gandhigram Rural Institute, Dindigul, Tamil Nadu  Av. Sp.: Mathematics, Physics, Chemistry, Home Science, Microbiology, Agriculture, Geology	CUET-UG	<a href="https://www.ruraluniv.ac.in/">https://www.ruraluniv.ac.in/</a>
<b>165</b>	Vinayaka Mission's Research Foundation, Salem, Tamil Nadu  Av. Sp.: Chemistry, Mathematics, Physics, Psychology, Food Science and Nutrition	CUET-UG	<a href="https://vmrfdu.edu.in/">https://vmrfdu.edu.in/</a>
<b>166</b>	Chennai Mathematical Institute, Chennai, Tamil Nadu  Av. Sp.: Mathematics & Computer Science, Mathematics & Physics	CMI-EE	<a href="https://www.cmi.ac.in">https://www.cmi.ac.in</a>
<b>167</b>	Dr. NGP Arts and Science College, Coimbatore, Tamil Nadu	Based on 12th	<a href="https://www.drngpa.ac.in/">https://www.drngpa.ac.in/</a>

	Av. Sp.: Biochemistry, Biotechnology, Chemistry, Computer Science, Data Science/Analytics, Food & Nutrition, Hospitality & Tourism, Information Technology, Mathematics, Microbiology, Physics	Marks	
<b>168</b>	Ethiraj College for Women, Chennai, Tamil Nadu  Av. Sp.: Chemistry, Mathematics, Nutrition, Food Service Management & Dietetics, Physics, Plant Biology & Biotechnology	Based on 12th Marks	<a href="https://ethirajcollege.edu.in/">https://ethirajcollege.edu.in/</a>
<b>169</b>	Guru Nanak College, Chennai, Tamil Nadu  Av. Sp.: Biotechnology, Chemistry, Computer Science, Data Science/Analytics, Information Technology, Mathematics, Physics, Plant Biology & Biotechnology, Visual Communication	Based on 12th Marks	<a href="http://gurunanakcollege.edu.in/">http://gurunanakcollege.edu.in/</a>
<b>170</b>	IIT, Madras, Tamil Nadu  Av. Sp.: Biological Sciences, Physics	JEE Advanced	<a href="https://www.iitm.ac.in/">https://www.iitm.ac.in/</a>
<b>171</b>	Loyola College, Chennai, Tamil Nadu  Av. Sp.: Chemistry, Computer Science, Mathematics, Physics, Plant Biology & Biotechnology, Statistics, Visual Communication	Based on 12th Marks	<a href="https://www.loyolacollege.edu/">https://www.loyolacollege.edu/</a>
<b>172</b>	Madras Christian College, Chennai, Tamil Nadu  Av. Sp.: Chemistry, Geography, Hospitality & Tourism, Mathematics, Microbiology, Physical Education, Physics, Plant Biology & Biotechnology, Psychology, Statistics, Visual Communication, Zoology	Based on 12th Marks	<a href="http://mcc.edu.in/">http://mcc.edu.in/</a>
<b>173</b>	MOP Vaishnav College for Women, Chennai, Tamil Nadu  Av. Sp.: Computer Science, Data Science/Analytics, Food Technology, Mathematics, Psychology, Visual Communication	Based on 12th Marks	<a href="http://mopvc.edu.in/">http://mopvc.edu.in/</a>
<b>174</b>	Sri Krishna Arts and Science College, Coimbatore, Tamil Nadu  Av. Sp.: Biotechnology, Computer Science, Data Science/Analytics, Electronics, Hospitality & Tourism, Information Technology, Mathematics, Microbiology, Psychology	Based on 12th Marks	<a href="http://skasc.ac.in/">http://skasc.ac.in/</a>
<b>175</b>	Sri Ramakrishna College of Arts & Science, Coimbatore, Tamil	Based on	<a href="https://www.srcas.a">https://www.srcas.a</a>

	Nadu  Av. Sp.: Biotechnology, Chemistry, Computer Application, Computer Science, Electronics, Hospitality & Tourism, Information Technology, Mathematics, Physics	12th Marks	<a href="#">c.in/</a>
<b>176</b>	St. Joseph's College, Tiruchirappalli, Tamil Nadu  Av. Sp.: Botany, Chemistry, Computer Science, Electronics, Mathematics, Physics, Statistics, Visual Communication	Based on 12th Marks	<a href="https://www.sjc.ac.in/">https://www.sjc.ac.in/</a>
<b>177</b>	Stella Maris College, Chennai, Tamilnadu  Av. Sp.: Chemistry, Mathematics, Physics, Plant Biology & Biotechnology, Psychology	Based on 12th Marks	<a href="https://stellamariscollege.edu.in/">https://stellamariscollege.edu.in/</a>
<b>178</b>	Women's Christian College, Chennai, Tamil Nadu  Av. Sp.: Chemistry, Computer Science, Home Science, Information Technology, Mathematics, Physics, Plant Biology & Biotechnology, Psychology, Visual Communication	Based on 12th Marks	<a href="https://wcc.edu.in/">https://wcc.edu.in/</a>
	<b>Telangana</b>		-
<b>179</b>	GITAM, Hyderabad, Telangana  Av. Sp.: Mathematics, Physics, Food Science and Technology, Statistics, Chemistry, Computer Science and Cognitive Systems	CUET-UG	<a href="https://www.gitam.edu/">https://www.gitam.edu/</a>
<b>180</b>	Maulana Azad National Urdu University, Gachibowli, Telangana  Av. Sp.: Physical Science, Mathematics, Physics, Chemistry, Life Science, Zoology	CUET-UG	<a href="https://manuu.edu.in/">https://manuu.edu.in/</a>
<b>181</b>	St. Ann's College for Women, Hyderabad, Telangana  Av. Sp.: Applied Nutrition, Biochemistry, Biotechnology, Botany, Chemistry, Computer Science, Data Science/Analytics, Electronics, Genetics, Mathematics, Microbiology, Physics, Statistics, Zoology	Based on 12th Marks	<a href="https://www.stannscollegehyd.com/">https://www.stannscollegehyd.com/</a>
<b>182</b>	St. Francis College for Women, Hyderabad, Telangana  Av. Sp.: Applied Nutrition, Biochemistry, Biotechnology, Botany,	Based on 12th Marks	<a href="https://www.sfc.ac.in/">https://www.sfc.ac.in/</a>

	Chemistry, Computer Application, Computer Science, Electronics, Mathematics, Microbiology, Physics, Software Engineering, Statistics, Zoology		
<b>183</b>	St. Joseph's Degree & PG College, Hyderabad, Telangana  Av. Sp.: Computer Science, Electronics, Mathematics, Physics, Statistics	Based on 12th Marks	<a href="https://josephscollege.ac.in/">https://josephscollege.ac.in/</a>
	<b>Tripura</b>		-
<b>184</b>	ICFAI University, Agartala, Tripura  Av. Sp.: Chemistry, Physics, Mathematics, Dialysis Therapy Technology, Cardiac Care Technology, Emergency Medical Technology, Medical Lab Technology, Biotechnology	CUET-UG	<a href="https://iutripura.edu.in/">https://iutripura.edu.in/</a>
<b>185</b>	NIT, Agartala, Tripura  Av. Sp.: Chemistry, Mathematics, Physics	JEE-MAIN	<a href="https://www.nita.ac.in/">https://www.nita.ac.in/</a>
	<b>Uttar Pradesh</b>		-
<b>186</b>	Aligarh Muslim University, Aligarh, Uttar Pradesh  Av. Sp.: (Through AMU-ET) Biochemistry, Botany, Chemistry, Computer Science, Geography, Geology, Industrial Chemistry, Mathematics, Physics, Statistics, Zoology (Through CUET-UG) Community Science, Statistics, Geography	AMU-ET / CUET-UG	<a href="https://www.amu.ac.in/">https://www.amu.ac.in/</a>
<b>187</b>	Amity University, Lucknow, Uttar Pradesh  Av. Sp.: Mathematics, Chemistry, Physics, Biotechnology, Microbiology	CUET-UG	<a href="https://www.amity.edu/lucknow/">https://www.amity.edu/lucknow/</a>
<b>188</b>	Amity University, Noida, Uttar Pradesh  Av. Sp.: Pulmonary Function Test Technology, Nutrition & Dietetics, Radiation Technology, Clinical Psychology, Actuarial, Anthropology, Biochemistry, Chemistry, Environmental Science, Forensic Science, Geoinformatics, Life Sciences, Mathematics, Medical Physiology, Microbiology, Neuroscience, Physics, Biotechnology, Biological Science, Forestry, Medical Biotechnology, Medical Imaging Technology, Medical Laboratory Technology, Medical Microbiology and Immunology, Yoga, Zoology	CUET-UG	<a href="https://amity.edu/">https://amity.edu/</a>
<b>189</b>	Amity University, Greater Noida, Uttar Pradesh	CUET-UG	<a href="https://www.amity.edu/greaternoida/">https://www.amity.edu/greaternoida/</a>

	Av. Sp.: Biotechnology, Chemistry, Mathematics, Physics		
<b>190</b>	Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh  Av. Sp.: Basic Sciences, Geology, Life Sciences, Food Science and Technology	CUET-UG	<a href="https://www.bbau.ac.in/">https://www.bbau.ac.in/</a>
<b>191</b>	Banaras Hindu University, Varanasi, Uttar Pradesh  Av. Sp.: Mathematics, Biology, Agriculture	CUET-UG	<a href="https://www.bhu.ac.in/">https://www.bhu.ac.in/</a>
<b>192</b>	Dayalbagh Educational Institute, Agra, Uttar Pradesh  Av. Sp.: Cognitive Science, Physics, Chemistry, Mathematics, Botany, Zoology, Agriculture, Home Science	CUET-UG	<a href="https://www.dei.ac.in/dei/">https://www.dei.ac.in/dei/</a>
<b>193</b>	Delhi Skill and Entrepreneurship University, Dwarka, Uttar Pradesh  Av. Sp.: Data Analytics, Medical Laboratory Technology, Emergency Medical Technology, Dialysis Technology, Aesthetic Beauty Therapy, Medical Laboratory	CUET-UG	<a href="https://dseu.ac.in/">https://dseu.ac.in/</a>
<b>194</b>	Galgotias University, Greater Noida, Uttar Pradesh  Av. Sp.: PCM, ZBC, Biomedical Science, Mathematics, Microbiology, Zoology, Agriculture, Chemistry, Physics, Cardiovascular Technology, Medical Laboratory Technology	CUET-UG	<a href="https://www.galgotiasuniversity.edu.in/">https://www.galgotiasuniversity.edu.in/</a>
<b>195</b>	GLA University, Mathura, Uttar Pradesh  Av. Sp.: Biotechnology, Chemistry, Physics, Agriculture	CUET-UG	<a href="https://www.gla.ac.in/">https://www.gla.ac.in/</a>
<b>196</b>	Gurukula Kangri University, Haridwar, Uttar Pradesh  Av. Sp.: Mathematics, Biology, Yogic Science	CUET-UG	<a href="https://www.gkv.ac.in/">https://www.gkv.ac.in/</a>
<b>197</b>	IIMT University, Meerut, Uttar Pradesh  Av. Sp.: Medical Radiography & Imaging Technology	CUET-UG	<a href="https://iimtu.edu.in/">https://iimtu.edu.in/</a>
<b>198</b>	Jaypee Institute of Information Technology, Noida, Uttar Pradesh	CUET-UG	<a href="https://www.jiit.ac.in/">https://www.jiit.ac.in/</a>

	Av. Sp.: Mathematics & Computing		
<b>199</b>	Khwaja Moinuddin Christi Language University, Lucknow, Uttar Pradesh  Av. Sp.: Chemistry, Mathematics, Zoology, Botany, Biotechnology, Microbiology	CUET-UG	<a href="https://kmclu.ac.in/">https://kmclu.ac.in/</a>
<b>200</b>	Mangalayatan University, Aligarh, Uttar Pradesh  Av. Sp.: Information Technology, Forensic Science, Agriculture, Horticulture, Forestry	CUET-UG	<a href="https://www.mangalayatan.in/">https://www.mangalayatan.in/</a>
<b>201</b>	Rama University, Kanpur, Uttar Pradesh  Av. Sp.: Biotechnology, Agriculture, Food Science and Technology	CUET-UG	<a href="https://www.ramauiversity.ac.in/">https://www.ramauiversity.ac.in/</a>
<b>202</b>	Sanskriti University, Mathura, Uttar Pradesh  Av. Sp.: Agriculture, Medical Lab Technology	CUET-UG	<a href="https://www.sanskriti.edu.in/">https://www.sanskriti.edu.in/</a>
<b>203</b>	Sharda University, Greater Noida, Uttar Pradesh  Av. Sp.: Agriculture, Physics, Chemistry, Mathematics, Data Science & Analytics, Zoology, Bio-Chemistry, Food Science & Technology, Biotechnology, Microbiology	CUET-UG	<a href="https://www.sharda.ac.in/">https://www.sharda.ac.in/</a>
<b>204</b>	Shobhit University, Meerut, Uttar Pradesh  Av. Sp.: Agriculture	CUET-UG	<a href="https://www.shobhituniversity.ac.in/">https://www.shobhituniversity.ac.in/</a>
<b>205</b>	Shri Ramswaroop Memorial University, Barabanki, Uttar Pradesh  Av. Sp.: Nutrition & Dietetics, Biotechnology, Food Technology, Physics, Chemistry, Mathematics, Agriculture	CUET-UG	<a href="https://srmu.ac.in/">https://srmu.ac.in/</a>
<b>206</b>	Swami Vivekanand Subharti University, Meerut, Uttar Pradesh  Av. Sp.: Medical Lab Technology, Medical Imaging Technology, OT Technology, Anesthesiology, Optometry, Physics, Chemistry, Mathematics, Zoology, Botany, Environmental Science,	CUET-UG	<a href="https://subharti.org/">https://subharti.org/</a>

	Microbiology, Biochemistry, Forensic Science, Genetics & Genomics, Nanotechnology, Fisheries, Bioinformatics, Biotechnology, Aeronautical Science, Agriculture, Home Science		
<b>207</b>	University of Allahabad, Allahabad, Uttar Pradesh Av. Sp.: Mathematics, Biology	CUET-UG	<a href="http://www.allahabaduniversity.ac.in/">University of Allahabad</a>
<b>208</b>	IIT, Kanpur, Uttar Pradesh Av. Sp.: Chemistry, Earth Science, Economics, Mathematics & Computing, Physics	JEE Advance d	<a href="http://www.iitk.ac.in/">http://www.iitk.ac.in/</a>
<b>209</b>	Isabella Thoburn College, Lucknow, Uttar Pradesh Av. Sp.: Biology, Home Science, Mathematics	Entrance Test	<a href="http://itcollege.ac.in/itdc/">http://itcollege.ac.in/itdc/</a>
	<b>Uttarakhand</b>		-
<b>210</b>	IIT, Roorkee, Uttarakhand Av. Sp.: Applied Mathematics, Chemistry, Economics, Physics	JEE Advance d	<a href="https://www.iitr.ac.in/">https://www.iitr.ac.in/</a>
<b>211</b>	Hemvati Nandan Bahuguna Garhwal University, Srinagar, Uttarakhand Av. Sp.: Forestry, Horticulture, Mathematics, Life Science, Yogic Science	CUET-UG	<a href="https://www.hnbgu.ac.in/home">https://www.hnbgu.ac.in/home</a>
<b>212</b>	Quantum University, Roorkee, Uttarakhand Av. Sp.: Nutrition and Dietetics, Chemistry, Mathematics, Physics, Agriculture	CUET-UG	<a href="https://www.quantumuniversity.edu.in/">https://www.quantumuniversity.edu.in/</a>
<b>213</b>	Uttaranchal University, Dehradun, Uttarakhand Av. Sp.: Agriculture, Physics, Chemistry, Mathematics, Biotechnology, Microbiology, Food Technology, Data Science, Physical Science, Life Science, Forensic Science	CUET-UG	<a href="https://www.uudoon.in/">https://www.uudoon.in/</a>
<b>214</b>	ICFAI University, Dehradun, Uttarkhand Av. Sp.: Data Science, Mathematics	CUET-UG	<a href="https://www.iudehradun.edu.in/">https://www.iudehradun.edu.in/</a>
	<b>West Bengal</b>		-
<b>215</b>	Amity University, Kolkata, West Bengal	CUET-UG	<a href="https://amity.edu/kolkata/">https://amity.edu/kolkata/</a>

	Av. Sp.: Biochemistry, Chemistry, Clinical Psychology, Dietetics and Applied Nutrition, Environmental Science, Geography, Data Science, Mathematics, Physics, Statistics		
<b>216</b>	Visva Bharati University, Shantiniketan, West Bengal  Av. Sp.: Zoology, Botany, Chemistry, Mathematics, Statistics, Physics, Agriculture	CUET-UG	<a href="https://visvabharati.ac.in/">https://visvabharati.ac.in/</a>
<b>217</b>	IISER, Kolkata, West Bengal  Av. Sp.: Biology, Chemistry, Geology, Mathematics, Physics	IAT /JEE-ADVANCED / SCB IISER-AT	<a href="https://www.iiserkol.ac.in/">https://www.iiserkol.ac.in/</a>
<b>218</b>	IIT, Kharagpur, West Bengal  Av. Sp.: Applied Geology, Chemistry, Economics, Exploration Geophysics, Mathematics & Computing, Physics, Statistics & Informatics	JEE Advanced	<a href="http://www.iitkgp.ac.in/">http://www.iitkgp.ac.in/</a>
<b>219</b>	Indian Statistical Institute, Kolkata, West Bengal  Av. Sp.: Mathematics, Statistics	ISI-AT	<a href="https://www.isical.ac.in/">https://www.isical.ac.in/</a>
<b>220</b>	JD Birla Institute, Kolkata, West Bengal  Av. Sp.: Food & Nutrition	Based on 12th Marks	<a href="https://www.jdbikolkata.in/">https://www.jdbikolkata.in/</a>
<b>221</b>	NIT, Durgapur, West Bengal  Av. Sp.: Chemistry	JEE-MAIN	<a href="https://nitdgp.ac.in/">https://nitdgp.ac.in/</a>
<b>222</b>	Ramakrishna Mission Vidyamandira, Kolkata, West Bengal  Av. Sp.: Biology, Chemistry, Computer Science, Economics, Industrial Chemistry, Mathematics, Physics	Based on 12th Marks	<a href="http://www.vidyamandira.ac.in/">http://www.vidyamandira.ac.in/</a>
<b>223</b>	Vivekananda College, Kolkata, West Bengal  Av. Sp.: Biochemistry, Botany, Chemistry, Computer Science, Economics, Electronics, Environmental Science, Geography, Mathematics, Physics, Statistics, Zoology	Based on 12th Marks	<a href="https://www.vivekanandacollegemmg.edu.in/">https://www.vivekanandacollegemmg.edu.in/</a>





## **Frequently Asked Questions (FAQs)**

### **Question: What are the fees for B.Sc. in India?**

**Answer:** BSc fees vary depending on various factors, majorly on the types of colleges opted by the students. Before enrolling in any particular college, students need to check the BSc admission process. The average BSc fee ranges from Rs. 3,000 to Rs. 6 Lakhs.

### **Question: Can I do MBA after BSc?**

**Answer:** Yes, BSc graduates can appear in MBA exams. A B.Sc. combined with a degree in Management can be useful in industries which require the managers to have specific technical knowledge.

### **Question: Can a Commerce student do a BSc?**

**Answer:** Yes. IT is treated as a science stream course, but many colleges offer admission to Commerce students.

### **Question: Which is better - BCA or BSc IT?**

**Answer:** Both BSc IT and BCA are technical courses that offer better career opportunities to candidates.

In BSc IT, candidates are trained to perform well in software and computer application. This aims to provide knowledge in the core subjects like operating systems, database application, and data structure. At the same time, BCA provides professional expertise in the programming languages like Java, C, C++, etc. It also offers diverse knowledge in operation management and financial accounting.

### **Question: What is NEST Entrance Exam?**

National Entrance Screening Test (NEST) is a compulsory test for students seeking admission to National Institute of Science Education and Research (NISER), Bhubaneswar and University of Mumbai - Department of Atomic Energy Centre for Excellence in Basic Sciences (UM-DAE CEBS), Mumbai. Both NISER and UM-DAE CEBS were set up by Department of Atomic Energy, Government of India in 2007. Their mandate is to train scientific manpower for carrying out cutting edge scientific research and for providing input to scientific programmes of Department of Atomic Energy and other applied science institutions in the country. NEST 2024 will be conducted in around 120 cities across India.

The candidates admitted to the programme in NISER, or CEBS, are eligible to receive an annual scholarship of Rs 60,000 through the DISHA program of the Department of Atomic Energy, Government of India. In

addition, the scholarship recipients receive a grant of Rs 20,000 per annum for the summer internship. Alumni of the programme are presently pursuing Ph.D. at reputed universities and institutes in India & abroad. Besides, top performers at NISER and CEBS, securing overall grades above a certain threshold at the end of the programme, are eligible to appear directly for the interview for admission to Bhabha Atomic Research Centre (BARC) training school.

**Question: What is INSPIRE Entrance Exam?**

"Innovation in Science Pursuit for Inspired Research (INSPIRE)" is an innovative programme sponsored and managed by the Department of Science & Technology for attraction of talent to Science. The basic objective of INSPIRE is to communicate to the youth of the country the excitements of creative pursuit of science, attract talent to the study of science at an early age and thus build the required critical human resource pool for strengthening and expanding the Science & Technology system and R & D base.

A striking feature of the programme is that it does not believe in conducting competitive exams for identification of talent at any level. It believes in and relies on the efficacy of the existing educational structure for identification of talent.

## **Thanks and Acknowledgement**

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Also I would like to thank my co-authors Dr. Pallvi Mangal, Mr. N. Sathyanarayan and Mr. Vinod Jindal who have helped me in checking and correcting the compilation with care.

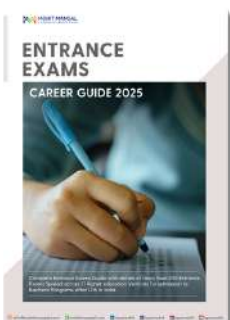
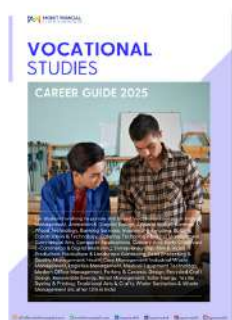
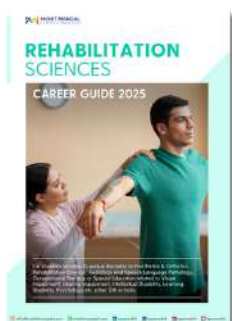
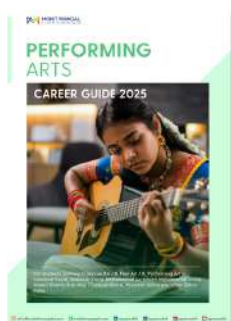
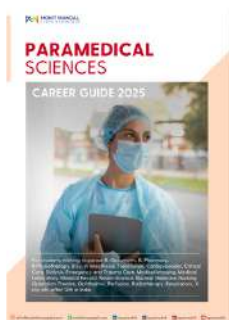
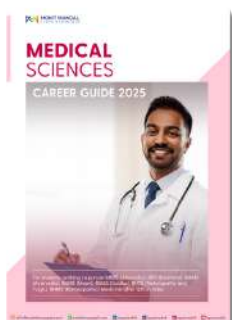
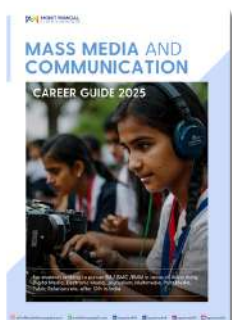
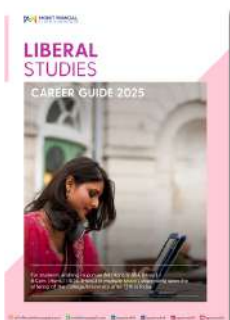
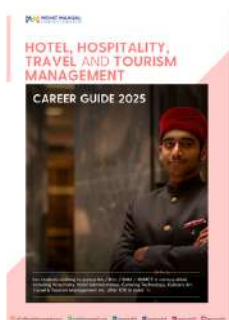
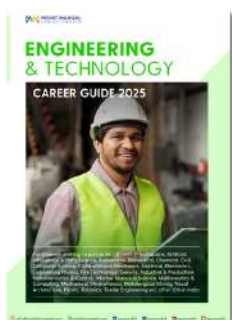
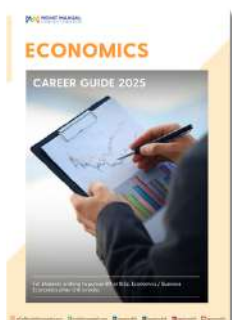
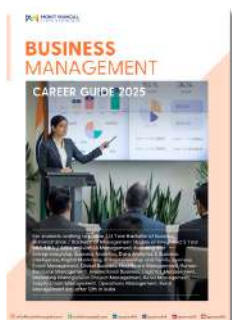
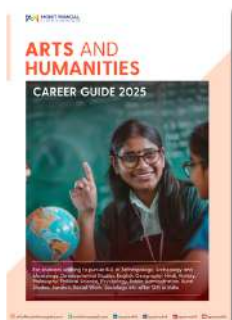
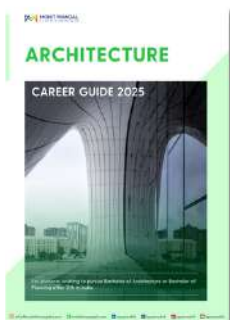
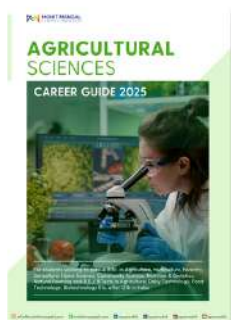


Mohit Mangal

Helping students find their true passion for more than 22+ yrs

Counselled 27k+ students | Delivered 1750+ talks

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## ABOUT THE AUTHORS

**Mr. Mohit Mangal** is a visionary Author and Career Counselor with over 22 years of experience in shaping the futures of India's youth. He has guided more than 7.5 lakh students through his Career Workshops across India and abroad, making him one of the most respected voices in career counselling today. Central to Mr. Mangal's approach are three key pillars: encouraging 'self-discovery', fostering 'holistic education', and promoting 'careers in India' among students. Mr. Mangal's sessions are designed to help students through self-discovery - identifying their unique strengths, values, and passions. He is also a strong advocate for holistic education, emphasizing the need to equip children with life skills, emotional intelligence, and a mindset for critical & design thinking. Recognizing the pressing issue of brain drain, he is deeply committed to promoting careers in India, helping students uncover the immense potential within India's rapidly growing economy. Mr. Mangal has authored more than 22 books including the most acclaimed Parents' Handbook of Careers After School in India. His publications have got appreciation by the Honourable Prime Minister of India, Shri Narendra Modi, among others. Mr. Mangal's influence extends beyond mentoring and counselling sessions; he has delivered over 1,750 inspiring talks, and given guest lectures at esteemed institutions like Mahmudabad, IIT Bombay, NID, and NIFT, among others. His upcoming initiative, the iQue Foundation, further underscores his vision of promoting career opportunities in India.

**Mr. N. Sathyanarayan**, a scholar of remarkable intellect and curiosity, has been a pivotal force in shaping the foundation of our efforts to build this. As a Computer Engineer and Masters of Business Administration from the Prestigious IIT-Madras, he brought unparalleled depth and insight to the process, lending his 17 years of academic excellence and practical wisdom to this initiative. An avid reader and traveller, his insatiable curiosity and commitment to knowledge have made him a rare educator who inspires both students and peers. His meticulous approach and passion for nurturing young minds have left an indelible mark on every page of these handbooks. Beyond his academic prowess, he is a thinker, a mentor, and a torchbearer for the value of holistic education. His contributions to this initiative have been nothing short of transformative, and his legacy will continue to guide countless students on their paths to success.

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