



**ADVANCING
NORTH EAST**

Career Hand Book 2022



A Pool of 200+ Career Pathways.
DIVE IN RIGHT AWAY



NORTH EASTERN COUNCIL
GOVT. OF INDIA



**MINISTRY OF DEVELOPMENT OF
NORTH EASTERN REGION**



NEDFi

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Career Hand Book 2022



A Pool of 200+ Career Pathways.
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PREFACE

Dear Readers,

This career guidance handbook will take you through a journey of over 200+ Career Pathways available for the bright minds of our nation. The handbook is designed in a manner to give out as much information as possible. One can just click on the website link or scan the QR code generated for each Career Option and there you go !! You will land on the Advancing North East portal to know the details of career of your interest. The side label in the Handbook would help you navigate through the various courses. It is dedicated to give you immense knowledge about each career pathway in terms of various roles available, job prospects, positives and challenges, key skills required, top institutes to pursue your dream career within India or abroad, Scholarship & Fellowship programs to support your journey. The fact that you are reading this book shows that you are really interested to choose the best career for you. This Handbook will be a great help for you to accomplish your dream.

We thank all the supportive parents and passionate teachers for keeping our children motivated, always. As you read this hand book, this will help you to overcome all your anxieties and tensions about our children's future. We urge all of you to make the best use of this handbook.

A gentle reminder for the students, teachers and parents of North East, no distance is too far, no dream is too big and no challenge can pull you down. No matter how geographically remote we are, dare to dream big and touch the sky ! Advancing North East got your back !

We wish you all the luck in your future endeavours! Thank you!

Advancing North East Team.

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AGRICULTURE AND FOOD SCIENCES





Dairy Technology

Dairy Technology study implies bacteriology, nutrition and biochemistry in the processing, storage, packaging, transport and distribution of dairy products. It deals with the handling and management of milk and its products from processing to consumption.

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Soil Science

Soil science is the study of soil as an environmental resource. It involves the study of soil formation, and different properties such as physical, biological, chemical and fertility of soil in relation to the use and management of soils.

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Agricultural Engineering

Agricultural Engineering is an area of engineering which integrates technology with farming through design and development of farming machinery, systems and equipments for agricultural operations and products.

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Horticulture

Horticulture is a branch of plant agriculture dealing with vegetables, ornamental plants and fruits. It is the science of development, sustainable production and marketing of high-yield and meticulously cultivated food and plants.

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Forestry

Forestry is a branch of science that deals with the protection, conservation, and development of forests including the protection and refurbishment of ecological balance to maintain environmental stability, inspection of soil erosion, afforestation, and effective utilization of forest produce.

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Agricultural Biotechnology

Agricultural Biotechnology or Agritech is a branch of agricultural science which involves the use of different technical instruments and techniques such as molecular markers, genetic engineering, tissue culture and vaccine etc.

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Plant Breeding and Genetics

Plant breeding and genetics is a science based on genetics and cytogenetics to improve the yield, quality and performance of different exciting crops as well as create new varieties to meet market requirements and consumer demands.

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Agronomy

Agronomy is a branch of agricultural science that deals with principles and practices of crop production and field management, along with soil and water management for providing favorable conditions for crop growth and higher productivity.

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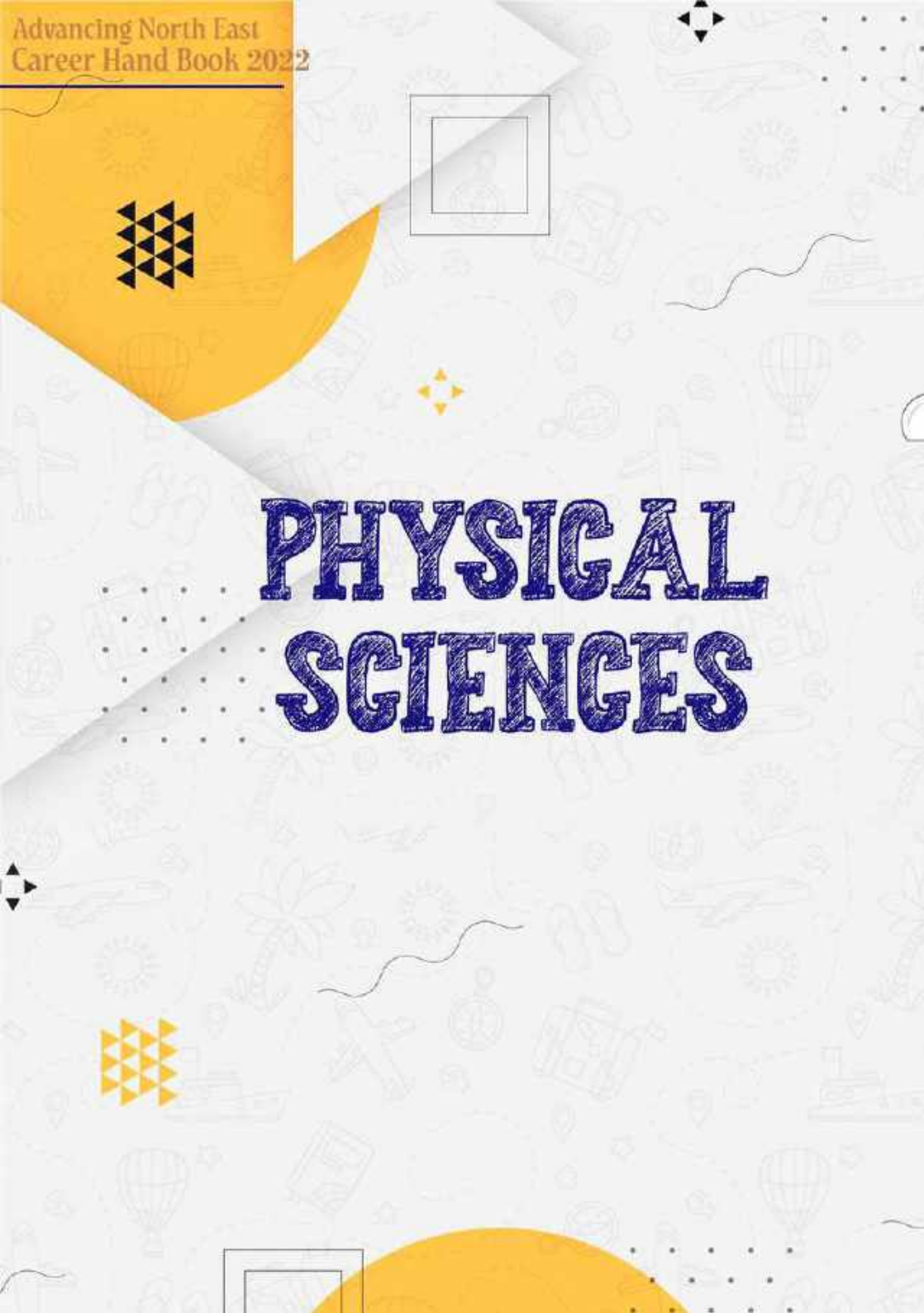


Food Science and Technology

Food Science and Technology is the study of the food processes for its better understanding and aims to improve food products for the general public.

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PHYSICAL SCIENCES





Physics

Physics is the branch of science that deals with the study of structure of matter and the interaction of the fundamental constituents of the universe. It is one of the oldest disciplines of science which studies the behaviour and motion of matter through space and time in a bid to understand the universe.

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Chemistry

Chemistry is the branch of the physical sciences that deals with the study of the composition, properties and structure of elements and compounds. It involves study of the transformations the substances undergo and the energy that is released or absorbed during the transformation processes.

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Cartography

Cartography, or map making, is the science of concepting, producing, disseminating and study of maps. It involves graphical representation of topographical maps, maps related to town planning, military, travel and tourism, weather forecasting and geological exploration.

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Forensic Science

Forensic Science refers to the application of scientific knowledge and methodology to analyze crime scene data, examine evidence and legal problems which may have legal ramifications in matters of legal and civil law.

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Disaster Management

Disaster Management deals with the organization and management of programs and resources to prepare and respond to all humanitarian aspects of emergencies. It is a strategic planning to undertake the responsibility of preparation, rescue, recovery and rehabilitation measures in the event of emergencies, in order to lessen their impact.

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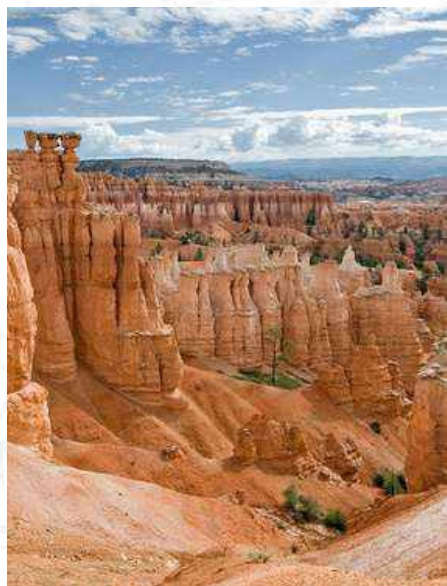


Geology

Also known as Geoscience or earth science, Geology is an applied science dealing with the study of the origin, dynamics, evolution and physical history of the earth. It involves studying the materials that make up the earth, the features and structures found on Earth as well as the processes that act upon them.

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Meteorology

Meteorology is the study of atmosphere and the motions within the atmosphere that focuses on weather processes and forecasting. Commonly known as 'weather,' meteorology focuses on the atmospheric variables related to current or near-future conditions.

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Astronomy

Astronomy is a natural science that studies celestial objects and phenomena in the universe. It is concerned with the evolution, formation as well as development of the universe. It is the study of everything in the universe beyond Earth's atmosphere. That includes objects we can see with our naked eyes, like the Sun, the Moon, the planets, and the stars.

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Flavour Chemistry

Flavour Chemists are also known as 'flavorists'. They tackle the demands of the food processing industry and engineer the natural and the artificial flavours. They seek to modify or mimic various properties of the products rather than just creating abstract smells.

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Industrial Chemistry

Industrial Chemistry as a discipline is the art of manufacturing concerned with the transformation of matter into valuable materials. The sector deals with the analysis of problems related to the procurement of industrial raw materials, the creation of solutions to these problems, and the development of better production techniques.

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Hydrology

Hydrologists are scientists who study the movement, circulation, and distribution of water through the earth's crust. They measure and analyze the quantity and quality of water in various forms from rivers to dams, from aquifers to sewage supplies. They work to better understand and conserve this natural resource.

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Pedology

Pedology is a science that studies all aspects of soils, including their physical and chemical characteristics, the involvement of organisms in soil production and character, the description and mapping of soil units, and the genesis and development of soils.

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ENVIRONMENTAL Chemistry



Environmental Chemistry

Environmental Chemistry is concerned with examining the effects of releasing chemical substances in water, soil and air as well as on human beings. If you have always aspired towards a career in Ecology and Environment, then you must consider this specialised domain.

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Volcanologist

A volcanologist is a science professional who observes, studies and monitors volcanoes. They work to track and understand the nature of volcanoes in their various stages of activity and environments and perform experiments on eruptive products and rock samples.

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LIFE SCIENCE AND ENVIRONMENT





Wildlife Conservation

Wildlife Conservation deals with the preservation and protection of the animal and plant species and their habitat. It involves study of survey and research of biodiversity, conservation plans, environmental law etc. to restore, protect or enhance ecosystems.

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Fishery Science

Fishery Science is the study of freshwater, marine and estuarine aquatic systems for the purpose of producing fish and other aquatic resources for human consumption, obtain ornamental fish and other fish products such as fish oil.

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Bio Informatics

Bioinformatics, also referred to as computational biology, is a sub discipline of computer science and biology that deals with the collection, storage, analysis and interpretation of complex biological data obtained from biomedical studies, often DNA and amino acid sequences.

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Environmental Science

Environmental Science is an interdisciplinary field that study the environment to understand earth processes, alternate energy systems, pollution control and mitigation, natural resource management, and the effects of global climate change.

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Marine Biology

Marine Biology is the study of all marine organisms, their behaviour and interactions with their surroundings. It involves the study of biological, physical, chemical and geological oceanography in relation to marine organisms

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Genetics

Genetics is the study of genes, heredity and genetic variations, gene distribution, gene behavior, and molecular structure of genes in living organisms, including the process and function of trait inheritance.

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Biochemistry

Biochemistry is the branch of science that applies chemistry to biological processes at the cellular and molecular level to explore organisms through the study of biological molecules, and the chemical processes within the organism. This branch of science is concerned with chemical and physio- chemical processes that occur within a living organism.

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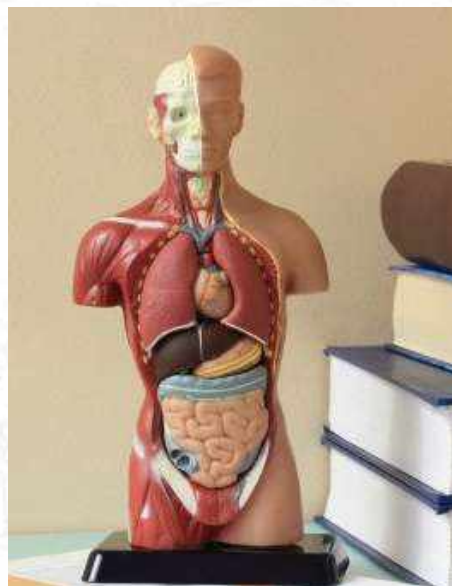


Physiology

Physiology is the study of functions and mechanisms organisms, their organs, cells and anatomy from the ionic and molecular level to the integrated functioning of the whole body and their interaction with the external environment.

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Microbiology

Microbiology is the scientific study of microscopic organisms including fundamental research on different aspects of microorganisms including biochemistry, physiology, ecology, cell biology, evolution and response of the host to the microorganisms

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Zoology

Zoology is the scientific study of the animal kingdom which includes the study of the structure, evolution, classification, anatomy, physiology, habits and distribution of the animal kingdom, both living and extinct, and their interaction with the ecosystem.

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Botany

Botany is the study of plants, their structure, biochemical processes, properties, plant classifications and their interactions with the environment. It includes the study of all plant-like living organisms including algae, fungi, ferns, mosses and actual plants as its basic focus.

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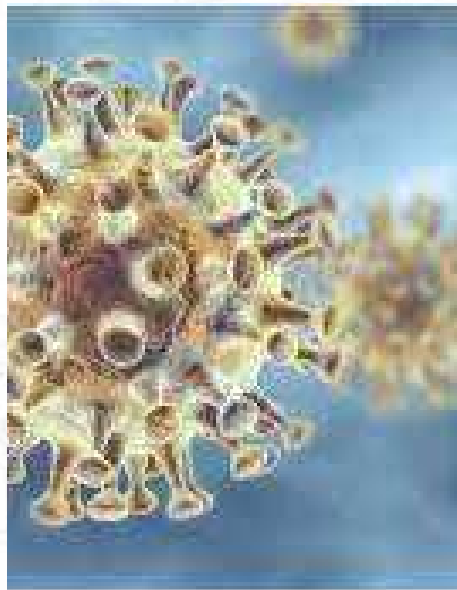


Virologist

A virologist is a medical professional who studies a variety of diseases and viruses that could impact animals, fungi, natural environments, humans or insects. Many virologists diagnose and study different viral infections to determine ways to prevent them from reoccurring.

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The background is a light gray with a pattern of faint, stylized icons related to mathematics and science, including gears, a microscope, a hot air balloon, a compass, and various geometric shapes. There are also larger, solid-colored decorative elements: a yellow shape in the top left corner and a yellow semi-circle at the bottom. Scattered throughout are small geometric patterns like a black and white checkerboard, a yellow star, and a black and white diamond.

MATH AND STATISTICS





Statistics

Statistics is the science of developing and studying methods of collection, analysis, interpretation and presentation of numerical data.

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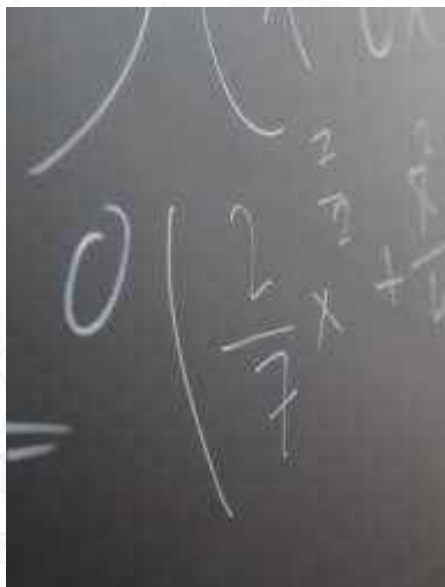


Mathematics

Mathematics is an abstract science of numbers, quantity and space. It deals with science of order, structure and the relationships that has evolved from measuring and describing the shapes of objects.

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MEDICAL SCIENCES





Homeopathy

Homeopathy, the second largest system of medicine in the world, is the branch of medicine that involves a system of practice that treats diseases by the administration of minute doses of a remedy.

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Veterinarian

Veterinarian is a professional who practices the science of prevention, cure or alleviation of diseases and injuries in animals.

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Dentist

Dentist is a skilled and licensed medical professional who specializes in diagnosis, treatment, Cinditions and prevention of injuries and malformations of the teeth, jaws, and mouth.

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Ayurveda

Ayurveda is a system of medicine based on the idea of balanced bodily systems and uses balanced diet, herbal treatment and yogic breathing.

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Doctor

Doctor is a professional, skilled in the science of medicine who is trained and licensed to treat people who are ill or hurt. A doctor is a person licensed to practice medicine, as a physician, surgeon, dentist, or veterinarian

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Dermatologist

Dermatologists are doctors who specialise in diagnosing and curing various medical conditions related to skin, hair and nails. Individuals who opt for a career as a dermatologist can identify and treat more than 3000 skin diseases.

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Pulmonologist

A pulmonologist is a medical professional who deals with patients who have breathing difficulties. Specialists in the diagnosis and treatment of lung-based as well as other respiratory disorders include pulmonologists. Different medical problems that impact the respiratory system are treated by pulmonologists.

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Immunologist

The study of Immunology is essential because it is the first defense mechanism that fights against the disease-causing pathogens without any medication. Doctors specializing in immunology deal with issues related to the immune system. A physician who specializes in immunology diagnoses and treats a wide range of diseases.

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Venereology

Venereology is a medical branch concerned with practicing and studying sexually transmitted diseases. It is considered one of the successful medical branches in medicine that is growing more with time.

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ALLIED MEDICAL SCIENCES





Medical Laboratory Technologist

Medical Laboratory Technology is the science that deals with the prevention, diagnosis, and treatment of various diseases with clinical laboratory tests. Medical Laboratory Technologists perform analyses by preparing slides of human tissues and other specimens using lab equipment.

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Nursing

Career as nurse is an essential occupation of the medical industry. A nurse forms the first line of regular interaction for a patient and his or her recovery. A nurse not only helps patients' recovery, but they also help doctors and surgeons in their daily activities. A nurse is someone who works closely with both the doctor as well as the patient.

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Optometry

Optometry is a healthcare profession that is concerned with the diagnose and management of eyes as well as visual systems processing for defects or abnormalities and the treatment of eye diseases

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Audiologist

Audiologists are medical specialists who recognise, evaluate, and treat impairments of the hearing, balance, and other neurological systems. An audiologist is a certified professional in the examination and treatment of hearing issues in both adults and children.

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Nutrition and Dietetics

It is a branch that is related to fitness, health, and healthy eating. People who take interest in this form of medical science can pursue it as a study for a flourishing career as a nutritionist or a dietitian.

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Public Health Administration

Public Health Administrators is a field of public health which concentrates on health promotions and disease prevention through management and programs to ensure efficient operation of organisations and improve the welfare of the community at large

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Physiotherapy

Physiotherapy is a medical profession whereby treatment is provided to restore, maintain and develop a patient's mobility and well-being through physical rehabilitation and injury prevention

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Pharmacy

Pharmacy is a science of chemistry and pharmaceuticals and deals with well informed practice of preparing, preserving, compounding and dispensing of medical drugs

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Psychologist

It is a multidisciplinary field with many subsets such as human development, sports, health, clinical, social behaviour and cognitive processes. Those who pursue psychology are called psychologists.

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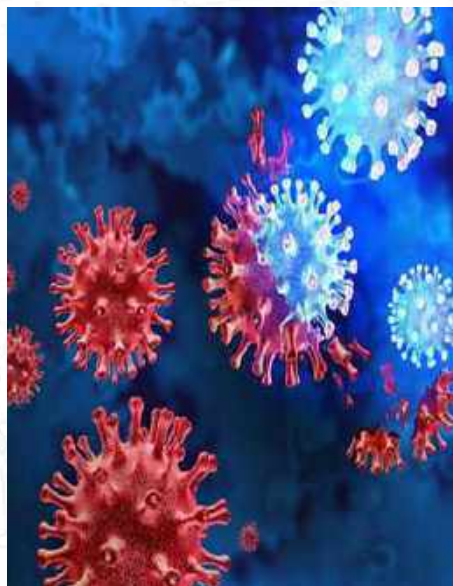


Clinical Research

Clinical research is a branch of healthcare science that conducts research and clinical investigations on improving knowledge of disease, developing diagnostics and new or better treatments and medical devices for medical, surgical and behavioural interventions.

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Occupational Therapy

Occupational therapy is a branch of health care that helps individuals with physical, cognitive or sensory problems with physical, emotional and social barriers to regain independence in all areas of their lives.

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Radiology

Radiology is a branch of medicine that uses imaging technology to diagnose and treat disease. Radiology may be divided into two different areas, diagnostic radiology and interventional radiology.

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Dialysis Technician

Dialysis technician is a branch of healthcare science that deals with assembly and maintenance of the dialysis machine and monitors the patient undergoing dialysis treatment

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Rehabilitation Sciences

Rehabilitation Sciences is a branch of healthcare science that help people restore a normal lifestyle after a debilitating illness, surgical operation, imprisonment, or addiction

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SPORTS AND FITNESS





Sports Medicine

Sports Medicine is a branch of healthcare science that focus on injuries, treatment and prevention of injuries resulting during sports and exercise activities. Sports Medicine bridges the gap between science and practice in the promotion of exercise and health, and in the scientific assessment, study and understanding of sports performance.

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Sports Psychologist

Sports Psychologist deals with sportsperson and athletes in performance related Mental health issues and build their mental conditioning. They help professional and amateur athletes overcome problems, enhance their performance, and achieve their goals.

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Sports Coach

Sports Coach is an instructor who teaches fundamental skills and team strategies to athletes at the college, amateur, club or professional level. Sports coaches plan suitable training programmes to develop athletes' physical fitness and may offer psychological support to boost their performance.

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Sports Management

Sports Management is a field of business that deals with the management, finance, marketing and administrative techniques in the field of sports and recreation. The sports management courses train students to understand the business dynamics and applications of the sports industry.

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Fitness Trainer

Fitness Trainer is a trained professional who leads, instructs and motivates one-on-one with individual clients or groups to plan or improve their fitness as well as help with their nutrition intake. They work with people of all ages and skill levels.

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Physical Education Teacher

Physical Training Instructor/ Physical Education Teacher instructs students on foundations of physical education, physical training and various types of sports.

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ENGINEERING





Chemical and Petroleum Engineering

It is a type of engineering that uses chemistry, physics, mathematics, biology and economics to use and transform energy and materials. They mostly work in laboratories and work on experiments in the laboratories for full-scale production.

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Civil Engineering

It deals with the development of the practical skills required to plan, design and execute the construction of public infrastructure. Throughout the course, students will get a deeper understanding of the various concepts involved under the broad spectrum of civil engineering and will be tasked with ways to improve existing infrastructure and modernise them to meet present requirements.

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Electrical and Electronics Engineering

Electrical and Electronics Engineering is a discipline of engineering concerned with the design, maintenance and development of electrical control systems and equipment.

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Mechanical and Automobile Engineering

Mechanical Engineering is the study of how heat and mechanical power are generated, transmitted and used. Students in this field learn about the design, production and operation of tools and machinery. The discipline encompasses topics like heat transfer, fatigue and fracture, wear, tribology, hydraulics, pneumatics, plasticity, aerosol technology, and strain analysis.

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CS, IT and Software Engineering

It is a type of engineering that uses chemistry, physics, mathematics, biology and economics to use and transform energy and materials. They mostly work in laboratories and work on experiments in the laboratories for full-scale production.

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Biomedical Engineering and Biotechnology

Biomedical Engineering comprises study about tissue engineering, molecular or systems level biology/physiology and mathematics. Students get to study about biomedical electronics, quantitative and analytical skills required to interpret data acquired and processing of medical data including imaging and enhancement techniques.

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Environmental Engineering

Environmental Engineering is a discipline of engineering concerned with evaluation, study and management of environmental problems and develop technical solutions to solve or control the problems in a manner that is compatible with economically, socially and politically.

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Aerospace and Aeronautical Engineering

Aerospace Engineering inculcates the skills and knowledge to design, manufacture and maintain spacecraft, missiles and weapons systems. Aeronautical Engineering is the specialized branch of engineering and study of science that deals with design, construction, maintenance of various aircrafts and their components.

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Sound Engineering

Sound engineering is a discipline of engineering concerned with the assembly, creation, amplification, adjustment, reproduction, balance and editing of sound

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Marine Engineering

The basic job of a Marine engineer is to design, build and maintain vehicles/structures used on or around water. This includes ships, aircraft carriers, submarines, sailboats, tankers etc. Marine engineers are accountable for the ship's internal system which comprises the propulsion, electrical, refrigeration and steering systems.

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Mining Engineering

Mining Engineering is a discipline of engineering that is concerned with the technology, science, and application of minerals processed and extracted from a natural environment. Mining Engineering courses in India focus on the extraction of valuable ores.

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Power Engineering

Power Engineering, also called power systems engineering, is a sub-field of electrical engineering that deals with the generation, transmission, distribution, and utilization of electric power. Power engineering is also associated with the design and development of electrical devices which are used in generation, transmission, distribution and utilization of electrical power.

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Robotics

Robotics is an interdisciplinary field of is a combination of electronics, programming, computer science, system engineering, and signal processing. It revolves around creating robots and machines that are programmed to work automatically.

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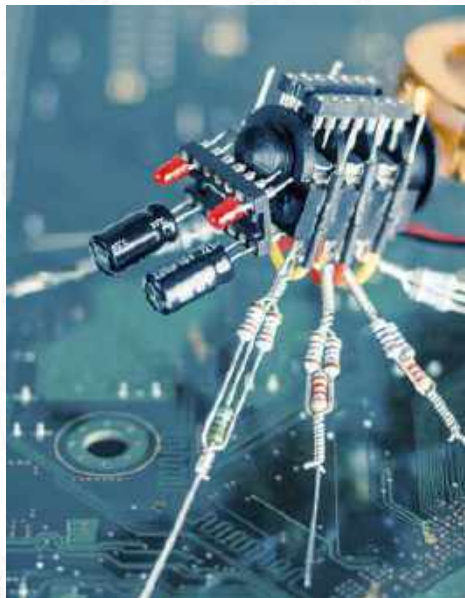
Food Science and Technology

The primary responsibility of a food technologist is to ensure that food products are safe and meet specific standards. To this end, they will work towards developing the manufacturing processes & recipes of various food and drink products.

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Nanotechnology Engineering

Nanoengineering Technology or Nanotechnology is a branch of engineering that occurs on the nanoscale. It is focused on manipulating materials on an atomic level, nanoscale engineering uses a number of techniques to leverage this manipulation for industrial purposes.

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Construction Engineering

Encompassing the knowledge of construction, from the estimation of cost and resources, safety, project analysis to information systems and sustainability management, Construction Engineering & Management facilitates the smooth execution of a construction project.

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Engineering Management

Focusing on the efficient administration of engineering-led and technical projects, Engineering Management aims to impart students with technical knowledge as well as theoretical and practical knowledge of leading managerial projects.

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Nuclear Engineering

Nuclear Engineering is a commercially booming industry that is applicable in submarines, ships, and spacecraft, and to produce electricity in power plants. It is the subatomic science that involves the detailed study of the atomic nuclei.

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Textile Engineering

Textile Engineering is a field that deals with fibres, cotton, yarns, clothing products, and related fields. Textile engineering is not only involved in every single aspect of textile manufacturing, but also applies in design, construction, planning, approach, R&D, production control, marketing, quality control, and other factors.

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Renewable Energy Engineering

Renewable Energy is a form of energy that comes from natural resources like sunlight, geothermal heat, wind, or hydel power. From sunlight, we get energy in the form of solar energy, from the wind we get wind power energy, from the force of the flow of the river we get hydel energy.

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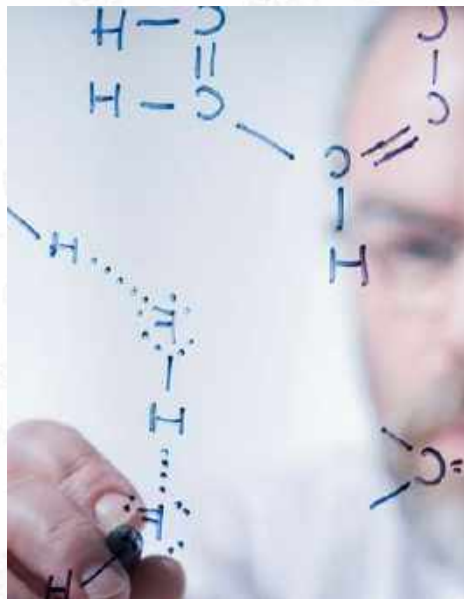


Materials Science and Technology

Materials Science and Technology is the study of solid materials and their properties. The composition and structure of these materials are studied thoroughly.

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Ceramic Engineering

Ceramic Engineering is a professional course that deals with creating inorganic and non metallic objects with crystalline structures using various techniques like precipitation and heating. These objects are used in making missile nose cones, gas burner nozzles, ballistic protection, nuclear fuel uranium oxide pellets, bio-medical implants and jet engine turbine blades.

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Entertainment Engineer

Entertainment Engineers create structural and mechanical systems for scenic visuals, concert staging, theme park rides and other entertainment fields. These engineers plan, design and conceive Entertainment Blueprints and then bring their vision into the real world.

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Geotechnical Engineering

An engineering discipline dedicated to the study of the Earth, Geotechnical Engineering defines soil properties and strength, as well as the mechanics of soil and rocks.

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Genetic Engineering

Genetic Engineering is a part of modern genetics that is used at a global level for numerous purposes. It is a combination of various technologies and scientific concepts using which scientists can change the genomic data like DNA of a naturally occurring cell to make it commercially useful.

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Industrial Engineering

Industrial Engineering is a profession that deals with the optimisation of processes in industries to reduce the wastage of money and increase efficiency. Nowadays, with a booming business, there is higher competition among various industries.

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Textile Engineering

Textile Engineering is a field that deals with fibres, cotton, yarns, clothing products, and related fields. Textile engineering is not only involved in every single aspect of textile manufacturing, but also applies in design, construction, planning, approach, R&D, production control, marketing, quality control, and other factors.

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Renewable Energy Engineering

Renewable Energy is a form of energy that comes from natural resources like sunlight, geothermal heat, wind, or hydel power. From sunlight, we get energy in the form of solar energy, from the wind we get wind power energy, from the force of the flow of the river we get hydel energy.

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ARCHITECTURE AND PLANNING





Urban Planning

Urban Planning is the study of design, planning and regulation of use of space in urban environment and its different locations with economic and social feasibility. It is a process of elaborating solutions that aim both to improve or re-qualify an existing urban area, as well as to create a new urbanization in a given region.

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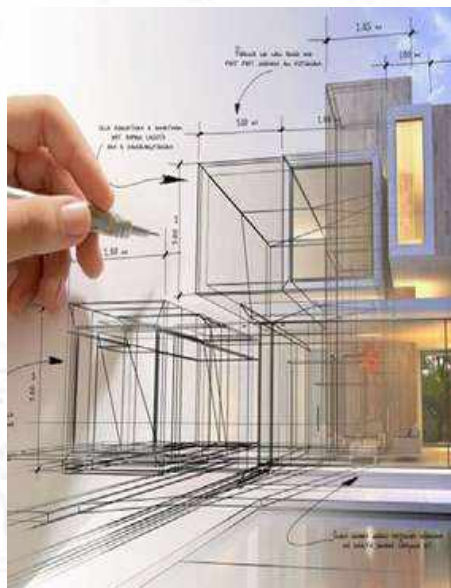


Architecture

Architecture is the study of designing and building of physical structures, open areas and other physical constructions. It is the art and science of planning, designing, and engineering large structures and buildings aimed at optimum utilisation of space.

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Landscape Architect

Landscape Architects research, plan, design and advise on the stewardship, conservation and sustainability of development of the environment and spaces, both within and beyond the built environment. They design open spaces in such a manner that they are not only beautiful to look at but also highly functional

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DESIGN





Animation

Animators are the artists who specialise in art of creating animated pictures using animation software or CGI.

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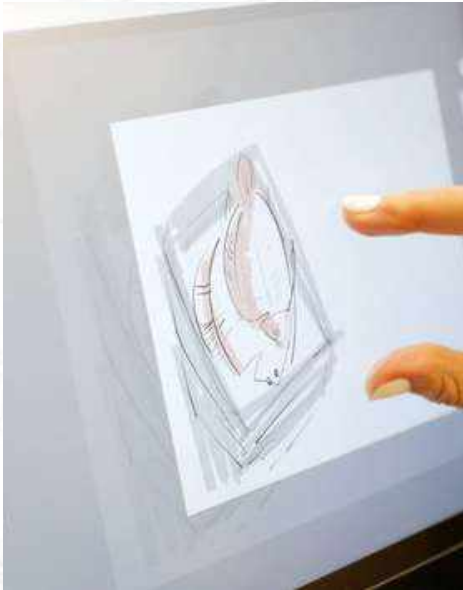
Cartoonist

Cartoonist is a visual artist who specializes in drawing cartoons, comic strip, graphic novels or comic books.

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Illustrator

Illustrator creates sketches, visual depictions and representations of concepts, stories and thoughts through the use of pen and ink and computer software.

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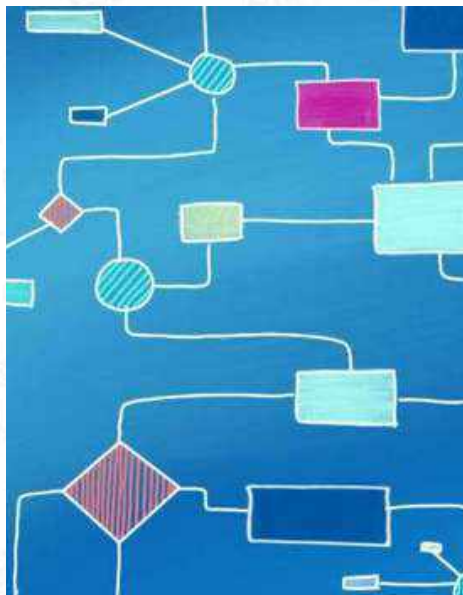
Game Design and Development

The gaming industry is booming all over the world. The advent of smartphones has revolutionized the business of video games. The interest of the students has increased in this field to such an extent that now they do not just want to be limited to playing video games, but are also looking at the career prospects in gaming.

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Visual Communication Designer

Visual Communication Designer are graphic designers who specialises in design 2D and 3D graphics design and visual appeal to tell the story of a product or a concept.

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Fashion Business Management

Fashion Business Management is a fashion management degree focussing on retailing, Marketing, Visual Merchandising, manufacturing, consumer behaviour, store Planning, event management and such of the fashion industry.

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Graphics Design

Graphics Design is an artistic profession of visual communication transmitting messages to social groups through print or digital media.

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UI/UX Design

UI / UX design stands for user interface and user experience. The UI designers are tasked with deciding and handling the look of the product or application while UX determines how the user interface works. The job market for UI/UX designers is highly lucrative.

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Leather Design

Leather Design is the study of conceptualizing, designing and producing a range of leather products such as jewellery, bags, footwear and such. The leather design program is highly structured and aims to develop a holistic specialist to meet the requirement of the leather industry in terms of human resources.

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Jewellery design

Jewellery Design is the art of conceptualizing, designing and creating jewellery with gems, stones, crystals and metals. Through a jewellery design course, students can execute their creative design inspirations into a materialistic and usable piece of jewellery.

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Fashion Technology

Fashion Technology is the branch of fashion design that deals with the creation of fabric with innovative technologies for improved production efficiency and quality of the end product in.

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Fashion Communication

Fashion Communication is a field of fashion studies that deals with creating, facilitating and communicating in areas such as advertisements, public relations, fashion journalism, styling, creative writing, photography, visual merchandising and such with the fashion and lifestyle industry.

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Textile & Apparel Design

Textile & Apparel Design is a study of functional fabric products for clothes, garments or home decor.

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Fashion Design

Fashion Design is the study of conceptualising, designing, constructing and aesthetics creation of clothing and its accessories. Fashion designers add colour to the clothes we wear and start trends with their designs. They design clothing and accessories as well.

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Accessory Design

Accessory Design is the study of conceptualizing, designing and producing a range of accessories such as jewellery, bags, footwear and such..

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Interior Design

Interior Design is the art and science of planning, Researching, coordinating and management of the interior of a building for an aesthetic and enhancing environment. An interior design graduate uses scientific theories and concepts to come up with artistic work.

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DEFENCE SERVICES





Assam Rifles

Fondly called 'Friends of the North East People', Assam Rifles is the oldest paramilitary force of India, established in 1835. Today the Force remains deployed in some of the most remote and under developed areas and provides security to locals.

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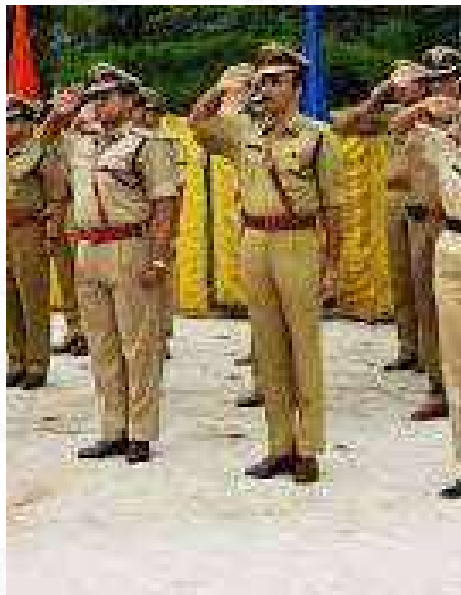
Airmen - Indian Air Force

Airmen of the Armed Forces of India, Indian Air Force has the responsibility of national security and maintaining peace within its air space.

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Indian Police

The Indian Police Services is a central civil service under the All India Services. The Indian Police ensures the safety and security of the public through enforcement of law and order.

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Central Reserve Police Forces

The Central Reserve Police Force is India's largest Central Armed Police Force. Central Reserve Police Forces assist police and law enforcement of a state and union territories to maintain law and order.

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Border Security Forces

Border Security forces ensure the security of the borders of India and prevent unauthorized entry or exit in the territory of India. The BSF comes under the jurisdiction of the Ministry of Home Affairs. It is good Institution for those who work with nation spirit.

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Indian Coast Guard

Indian Coast Guard safeguards the Indian coast and its territorial waters. The Indian Coast Guard is a multi-mission organization, conducting round-the-year real-life operations at sea.

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Indian Navy

Maritime force of the Armed Forces of India, Indian Navy has the responsibility of national security and maintaining peace within its maritime borders.

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Indian Army

Land force of the Armed Forces of India, Indian Army has the responsibility of national security and maintaining peace within its borders.

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PERFORMING AND APPLIED ARTS





Photography

Photography is the art, application and practice of taking and processing photographs.

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Film Making

Film Making is the direction and production of motion pictures using varied cinematic and technological techniques.

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DJ

A Disc Jockey, or a DJ a Disc Jockey, use various electronic equipment to play two sources of recorded music simultaneously for entertaining a live audience or for television audiences.

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Sound Engineering

Sound engineering is a discipline of engineering concerned with the assembly, creation, amplification, adjustment, reproduction, balance and editing of sound.

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Music

Music study is the art of professionally playing instruments, composing, conducting, singing, performing, orchestrating and arranging music in a variety of different styles.

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Acting / Dramatics

Acting/Dramatics is the study of theatrical stagecraft. It is the job or skill of performing in plays and films. It is the performing art in which movement, gesture, and intonation are used to realize a fictional character for the stage, for motion pictures, or for television..

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Fine Arts

Fine Arts is a visual creative art created mainly for its aesthetic, beauty and intellectual value. It is the study & making of visual works of art. It can be in the form of dancing, paintings, photography, film, architecture, etc.

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Modelling

Fashion modelling is the art of posing to display clothing and other fashion accessories either in commercials, runway shows, on stage or in photographs to represent designers.

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GOVERNMENT OR CIVIL SERVICES





Indian Statistical Services

Indian Statistical Services under the Government of India ensures the efficient working of the statistical administration.

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Indian Forest Service

Indian Forest Service under the Government of India ensures safety and protection of wildlife and various forest conservation and preservation activities. The Indian Forest Service officer implies a variety of jobs in state forestry departments.

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Indian Foreign Services

Indian Foreign Service is the administrative diplomatic civil service of India under the Government of India. A career as Indian Foreign Service Officer or IFS officer is a diplomat serving in more than 162 Indian diplomatic missions, and organisations around the world.

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Indian Engineering Services

Indian Engineering Services managing the technical and managerial functions of various agencies and divisions of the Government of India in the field of engineering. The UPSC Indian Engineering Service examination is one of the most aspired examinations in India.

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Indian Economic Service
Government of India

Indian Economic Services

Indian Economic Service is the administrative inter-ministerial and interdepartmental civil service under Group A of Civil Services of the executive branch of Government of India to undertake economic analysis and monitor, evaluate, strengthen and formulate policies and public

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Indian Administrative Services

A career as an IAS officer comes with various challenges and responsibilities. He or she has the major responsibility of the maintenance of the law and order and provides support to the people during crisis management.

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Income tax

Income Tax Department of the Government of India or the various state governments is responsible for government revenue generation setup and its maintenance. A career as income tax officer is considered to be an alluring career in civil services.

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Excise

Excise Department of the Government of India or the various state governments is responsible for collecting taxes on goods manufactured in India or that particular state.

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Custom

Custom Department of the Government of India or the various state governments is responsible for preventing entry and exit of illegal goods and collection of taxes on various goods going out and coming into the country.

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Railways

Railways Department of the Government of India or the various state governments is responsible for operation and management of Indian railways and their human resource aspects.

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SOCIAL SCIENCES AND LIBERAL STUDIES





Economics

Students get to learn about economic theory and principles, mathematics, economic models and methods of analysis, and much more. Economic courses are best suited for people who have mathematical aptitude and strong critical and analytical thinking skills.

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International Relations

International Relations is the study of relations of two or more nations and their interactions with and regard each other in political, cultural and economic context

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Social Work

Social work is a highly fulfilling career for people who are passionate about social causes and taking care of those in need. It entails addressing social issues, fighting against social discrimination, and taking care of the rights of victims of the same.

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Political Science

A degree in Political Science is considered one of the most versatile social sciences degrees, opening up many career opportunities like jobs in International Relations, Social Services, Embassies, and many others for graduates.

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Psychology

Psychology is a scientific study that deals with perceptual, emotional, cognitive, and social processes and

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Sociology

Sociology is the study of human social relationships, social behavior, social life, social changes, the development, structure and functioning of society and the consequences of human behaviour.

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Geography

Geography is the study of the physical features of the earth and its atmosphere, the nature and relative arrangement of a geographical area and its physical features, distribution of populations, resources, and political and economic activities

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History

History is the study of past events and the discovery, organisation, collection and interpretation of the past events of a particular period, geographical region or a social phenomenon

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Archaeology

Archaeology is the study of historic and prehistoric material and physical through the recovery, remains and documentation for a analysis and comprehensive understanding of human life, their culture and societies and their changes over time

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Anthropology

Anthropology is the study of human societies, their cultures, the biological and physiological characteristics, their development and evolutionary history

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Home Science

Home Science is an integrated field of study that deals with scientific and systematic knowledge of human environment, child development, food & nutrition and management of resources

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Language

Linguistics is the scientific study of language, its structure, function and different aspects such as phonetics, syntax, grammar, semantics, phonology, pragmatics and morphology

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Liberal Arts Studies

Students who take liberal arts classes will acquire a broad understanding of the world from a multidisciplinary concept that includes social and environmental sciences, society and culture, including in-depth education in their desired field.

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Development Studies

This sub-discipline of social sciences deals with different aspects and problems faced in policy making and development. In this course, students get to learn about the importance of development. They study different development projects in-depth and also learn about ways in which progress and development can be brought about in backward areas.

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Gender/Women studies

Gender/women studies is an interdisciplinary field that involves complex analysis of gender identity and gender representation including queer studies, men's studies and the fundamental facets of development

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Public Administration

Graduates in this field may find an opportunity to work in the administrative management sector; the industrial sector; the personnel management sector; the legal sector and the social services sector as well.

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Sustainability Management

Sustainability Management is the study of application of sustainable practices in a way will benefit the current and upcoming generations in natural, economic and social resources

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Public Policy

An exciting field of interest within administration and governance, Public Policy is an emerging area of study that focuses on finding solutions to socio-economic issues extending into areas of public affairs, management, development, media, security, psychology, and law, amongst others.

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re to Psepho



Psephologist

Psephology, is a branch of Political Science that deals with the scientific explanation of the election process and balloting. The purpose of psephology is to provide a detailed quantitative analysis of elections. An individual who practices psephology is known as a Psephologist.

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Museology

Museology or the study of museums is a unique career field that involves managing museums and taking care of their overall administration. This is one of the best career options for people who have a keen interest in history and culture.

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Criminology

Criminology is a subset of sociology (a core social science discipline) and includes the scientific study of crime and criminal behavior, including its disclosure, causes, legal aspects, control, and most importantly, rehabilitation.

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Counselling Psychology

Counselling Psychology is a sub-discipline of the broader field of psychology which deals with addressing the severe emotional, social, physical, professional, personal and mental issues an individual faces by improving their sense of well-being and alleviate their distressing feelings to overcome their problems.

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Clinical Psychology

Clinical Psychology is one such specialisation which was widely recognized and respected among the public. Clinical psychologists are the ones who are responsible for examining, diagnosing and providing psychological treatment to the people or a specific group facing some kind of mental abnormalities and disorders.

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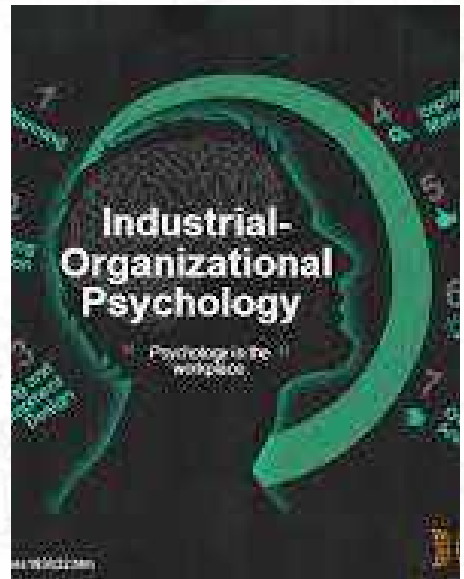


Industrial Psychology

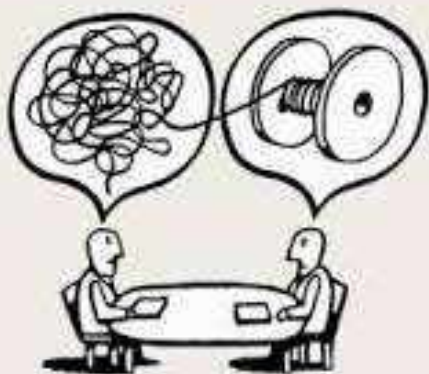
Also called Organizational Psychology, Industrial Psychology deals with the application of psychological principles and theories in a working environment to improve the working efficiency of the organization as well as its employees.

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LIFE COACHING



Life Coach

Life Coaches are professionals who mentor and consult with people to strengthen their life skills and help them reach their full potential. A life coach uses interpersonal skills to understand and learn more about the client.

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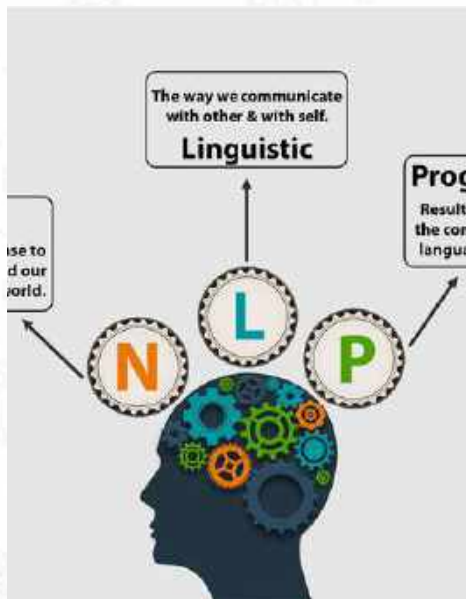
Genealogist

Genealogist are professional researchers who gather and compile and report on data they gather about family histories. Through their research someone can learn who they are and where they came from.

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NLP Practitioner

NLP or Neuro Linguistic Programming is a special science that deals with human psychology and proposes a detailed analysis of the strategies used by successful people to achieve a certain task and use the same to help others gain that skill.

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Mental Health Counsellor

A mental health counselor is a professional who uses a variety of psychotherapy methods and techniques to help people experiencing psychological distress. Some mental health counselors choose to work with specific populations such as children, older people, or college students.

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COMMERCE, ACCOUNTS & FINANCE





Financial Risk Manager

Financial Risk Manager analyses an investment, identify the risks associated with and forms policies to minimize the impact of potential losses.

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Investment Banking

Investment Banking involves providing financial advice about investments and study the risk involved in investments, facilitate mergers & acquisitions and maintain dealer & broker relationship

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Financial Engineer/ Mathematician

Financial Engineer/Mathematician conducts statistical, financial & mathematical deductions to describe relevant issues in finance and economics.

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Chief Financial Analyst (CFA)

Chief Financial Analyst (or Chartered Financial Analyst) is a professional who manages financial decisions and investment policies of companies.

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Company Secretary (CS)

Company Secretary is a managerial professional who ensures efficient administration, compliance with statutory and regulatory requirements and implementation of decisions taken by the board of directors of a company.

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Cost and Management Accountant (CMA)

Cost and Management Accountant is a managerial accounting professional who specializes in determining the costs associated with providing a service or manufacturing a product including budget preparation and profitability analysis of all financial information.

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Insurance Professional

Insurance Professional analyzes risk, provides financial advice, processes the claims and settlement and examines damages to insured properties.

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Economics

Economics is the study of production, consumption, distribution, transfer and consumption of wealth, goods and services and the allocation of resources.

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Chartered Accountant (CA)

Chartered Accountant is an accounting professional who deals within the spectrum of business and finance accountancy such as auditing, taxation, financial advising and management.

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Stock Broking

A Stockbroker is a professional who has the authority to buy and sell stocks derivatives, bonds, currency trades and securities on the behalf of the investor in a stock exchange.

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Certified Public Accountant

Certified Public Accountant is an accounting professional certified by the American Institute of Certified Public Accountants who provides accounting services primarily in auditing and attesting procedures.

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Forensic Accounting

Forensic Accounting, also known as, Financial Forensics, is an accounting profession that involves financial reporting misconduct through analysis, interpretation, and summarization of complex financial and business matters.

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BUSINESS AND MANAGEMENT STUDIES





Digital Marketing

Digital Marketing is the promotion of brands using online digital platforms and media to connect with potential consumers.

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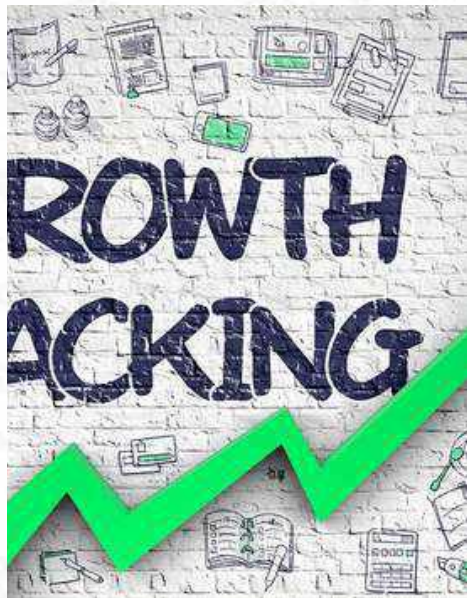
Marketing

Marketing involves different activities undertaken by a company to promote and sell a product, goods or services to other businesses or directly to consumers.

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Growth Hacker/ Growth Marketer

Growth Hacker/ Growth Marketer influences rapid acquisition and retention in revenue of an organization.

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Business Analyst

Business Analyst is a professional who identifies and analyses an organizations' need and business opportunities. Individuals who opt for a career as a Business Analyst looks at how a company operates.

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Hospital Management

Hospital Management (or healthcare management) is the study of management of all sectors of public health care systems and networks. Due to the evolving nature of the medical industry, vast complexes involving different departments, ensuring the proper workflow in such an environment is not an easy task.

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Business and Management Studies

Business Management is the study of coordinating and organising of business activities through planning, direction and controlling of business resources. Good business leaders is the need of the hour.

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Market Research

Market Research involves collection of data through research to determine the viability of a product or service to analyse the target market, get opinions and feedback. Market Research Analysts provide support to organisations to improve the product concerning its specifications based on current trends in the market and increase its reach through advertisement and market their products and services.

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Product Management

Product managers are professionals who are responsible for product development, its optimization, relevance, value and feasibility aimed at fulfilling customer needs and business objectives.

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Sales

Sales involve promoting and selling company's products or services, planning strategies and closing deals to achieve company target.

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Sports Management

Sports Management is a field of business that deals with the management, finance, marketing and administrative techniques in the field of sports and recreation. The sports management courses train students to understand the business dynamics and applications of the sports industry.

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Human Resource Management

Human Resource Management (HRM) is a very popular career that a lot of individuals are aspiring to pick up. The Human Resource wing of any organization is responsible for the management and performance of all the employees in the organization.

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HR Analytics

HR Analytics (also known as people analytics) is the collection and application of talent data to improve critical talent and business outcomes. HR Analytics leaders enable HR leaders to develop data-driven insights to inform talent decisions, improve workforce processes and promote positive employee experience.

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Luxury Brand Management

Luxury brand management relates to the perception of a particular brand among consumers in the market. It broadly includes the “connection” between a brand and the consumers: ranging from the product quality to the brand loyalty displayed towards the brand.

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Search Engine Optimisation (SEO)

Search Engine Optimization (SEO), is the practice of optimizing your website with the intention of improving keyword rankings and increasing organic traffic from search engine results pages (SERPs).

It is a fundamental part of marketing that improves your website’s online visibility for searches relevant to you.

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Project Management

A project manager is responsible for handling the project from planning to completion. Project management includes developing a project plan, which involves setting the project goals and objectives, identifying tasks and quantifying the required resources.

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Data Analytics

Data analytics is the science of analyzing raw data to make conclusions about that information. It helps businesses optimize its performance, perform more efficiently, maximize profit, or make more strategically-guided decisions.

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Social Media Management

Social media management is the process of managing your online presence on social media platforms. Social media managers will use their experience, plus tools and services to create and publish content, interact with users, and analyze performance.

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Investment Banking

Investment banking is concerned with aiding corporations, governments and investors with large and complex financial transactions. It is a demanding profession that requires a top-tier education in finance and a great deal of analytical, critical thinking and mathematical skills.



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Management Consultant

Management consultants help organizations solve problems, improve business performance, create value and maximize growth. They identify solutions for business troubles and make suggestions for changes to implement. The work taken on by management consultants can be varied, including e-business, marketing, supply chain management, and business strategy.

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Real Estate Management

A Real Estate Manager is someone responsible for the various facets of residential, commercial, or industrial properties. He or she ensures the property is leased, looks good, runs smoothly, and maintains its value for resale.

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Supply Chain Management

Supply Chain Management is the management, planning, handling, manufacturing, distribution and sale of goods and services within and across companies. Logistics and Supply Chain Management course manages, plans and coordinates the forward and backward flow of services and goods from one place to another.

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Advertising

Advertising involves market communication to draw attention of users or consumers to promote or sell products or services by a business. Advertising is a means of communication with an audience about the different products and services a firm offers, and it works on conveying a message to people by persuading them to buy or try their products.

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Aviation Management

Aviation Management is a broad term that encompasses a variety of responsibilities, including overseeing normal operations and managing everything from the top down at the airport, airlines, and the aviation industry.

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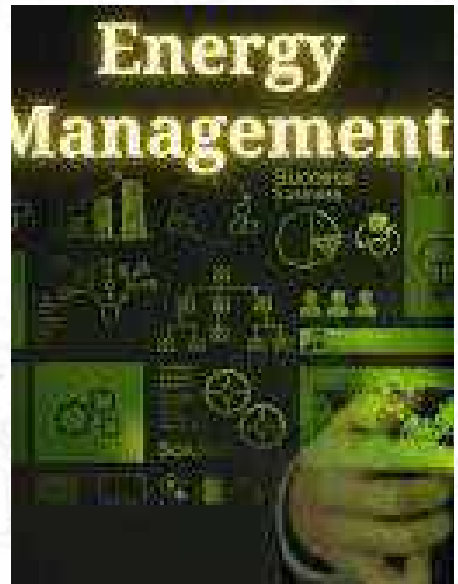


Energy Management

Energy Management is a process by which any form of energy is used effectively and sustainably. It is a branch of science that involves planning to reduce the cost involved in the production of energy but still producing enough energy that is required to satiate consumer's demand.

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MEDIA AND MASS COMMUNICATION





Public Relations Manager

Public Relations Manager deals with strategic communication process to build and maintain mutual relationship between the public and an organization and its stakeholders.

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Cinematographer

Cinematographer oversees all the camera and light works in audio-visual productions. Cinematographers also known as directors of photography, capture videos, movies or short films. All motion pictures that we see today are possible because of cinematographer involved in the photography and film industries.

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Wedding Planner

Wedding Planner is a professional who provides assistance to a client with the design, planning, organisation and management of their wedding.

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Event Management

Event Management is a course which deals with the planning, coordinating, and organising of events for people and communities. A course in Event Management aims to imbibe knowledge on analysing, marketing, planning and strategies in business administration to students.

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Content Writer

Content Writer is a professional who plans, edits, researches, writes and creates content for digital marketing. As content writer, individuals are professionals who intend to provide relevant and engaging content for products, websites, organizations. Every company needs content writers who could write about the company's product and services in the most involving way.

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Writer, Editor, Copywriter

Writer is a professional who uses written words in various techniques to communicate ideas, thoughts, stories or poems for publication. Editor is a professional who is in charge of determining the final contents of a print or media publication. Copywriting is the profession of writing prose for advertisements aimed at increasing brand awareness to promote and sell products or services.

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Film Maker

Film Making is the direction and production of motion pictures using varied cinematic and technological techniques. Courses in Film Making entail the study of the process that goes into making a film or a motion picture.

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Film Editor

Film Editor edits raw post-production motion pictures by selecting shots, raw footage and combines them into sequences to create a finished motion picture.

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Radio Jockey/Video Jockey

Radio Jockey is a professional who hosts radio talk shows, plays music, holds discussions and interacts with the audience via online or through telephone. Video Jockey is a professional who plays videotaped programs, comments and introduces music videos or live music performances on commercial music

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Journalism

Journalism is the profession of collection, preparation, production, distribution, reporting and broadcasting of news and reports on events based on facts and evidence through print and electronic media.

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Mass Communication

Mass communication involves transmission of information to a large number of heterogeneous people or organisation by an organisation or a group of people through mass media..

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Sports Journalism

Sports journalism specializes in reporting on sports events and topics and has grown in importance over the last few decades. A sports journalist besides a passion for sports requires to have an acumen for creative writing and the ability to communicate with sports fans. Your experience, insight and knowledge of sports events.

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VFX Artist

Many movies and television shows include some form of visual effects. From lighting to the movement of background elements, these effects can help viewers feel immersed in the story they are watching, which can also increase the success of the program.

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Podcaster

In short, a podcaster is a content creator who records audio programs and shares them with an audience through digital downloads.



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Professional Gamers

Playing games as a rewarding profession may sound too good to be true, but in the modern digital world, many people have made a promising careers out of it. Professional gaming, also known as esports, has become a serious business today, opening up a whole new avenue of opportunities.

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Fact Checker

A fact checker is a professional who makes sure the information their organization provides is accurate and true. They can work both in the print and broadcast industries.

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Photojournalism

Photojournalism is a way to tell a story with pictures and without the usage of words. A photojournalist's job is to report the news with pictures. Photojournalists are also known as news photographers. Photojournalists can also develop and print photos or edit films.

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Travel Writer

Travel writing, sometimes referred to as travel literature, is a large and nebulous category that encompasses travel journals, diaries, reporting, short tales, historically non-fiction, environmental books, and travel guides. The first known records of travel literature are from the 2nd century.

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Data Journalism

Data Journalism is a combination of keen news sense and using the available data. It refers to developing a story out of the available exclusive statistical sources, analyzing the numbers and structuring them into an informative descriptive story.

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Technical Writer

Technical Writing is a type of writing that deals with understanding technical information about a particular subject and then recording it in a document to make it available for the audience.

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The background is a light grey with a pattern of faint, hand-drawn travel-related icons including palm trees, hot air balloons, airplanes, and ships. Large, bright yellow geometric shapes, including a triangle in the top left and a semi-circle at the bottom, are layered over the pattern. Various geometric icons like squares, diamonds, and triangles are scattered throughout. The title is centered in a large, bold, blue, hand-drawn font.

HOSPITALITY AND TOURISM





Culinary Arts

Culinary Arts deal with the science and the art of cooking; preparation of the food, and presentation of food are also included. Those who specialize in Culinary Arts, work in restaurants and are called chefs or cooks. The course in Culinary arts can be pursued in many countries worldwide.

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Cabin Crew

Cabin crew are trained professionals who work on an aircraft and are responsible to look after the passengers on board the aircraft with utmost comfort and safety..

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Hotel Management

Hotel Management is a field of business study that deals with the operational aspects of a hotel such as accounting, administration, revenue management, gastronomy, human resource management, sales and marketing etc. It is a glamorous and exciting career, highly popular among students today.

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Chef

Chef is a skilled trained professional cook who bakes and cooks food, plans menu and oversees a professional kitchen. Chefs can receive formal training from an institution, as well as by apprenticing with an experienced chef.

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Tourism

Tourism is the business of providing services such as hotels, transportation, entertainment etc. to people travelling for leisure or recreation. Tourism management course offers broad knowledge about the travel and tourism industry enabling to understand industry interests, travelling estimates, as well as operation & logistics management

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EDUCATION AND TEACHING





Education Administrator

Education Administrator is a professional who is responsible for the administration and non-academic functions of a college or university.

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Special Educator

Special Educator is a professional teacher who imparts education or instructs pupils with cognitive, emotional, developmental, behavioral or physical special needs. He or she assesses each students' need and capabilities, determines the goals for them, uses various teaching methods to improve students' progress.

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Education Technologist/ Instructional Technologist is a professional who design & develop technology-enabled interactive learning, assessment and evaluation strategies.

Education Technologist/ Instructional Technologist is a professional who design & develop technology-enabled interactive learning, assessment and evaluation strategies.

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Foreign Language Teacher is a professional who teaches students foreign languages. Foreign language teachers are masters of the language, demonstrating high proficiency in reading, writing, and speaking the language they are teaching.

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Counsellor

Counsellor is a professional who gives advice, or counsels and provide guidance to people on personal and interpersonal issues to empower their clients.

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Professor/Lecturer

Professor/ Lecturer is a professional academic rank at universities, colleges and research institutes.

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Image Consultant

Image Consultants are professionals who help individuals to improve all aspects of personal appearance so that they can express themselves in a distinguished way. Image consultants work on to enhance your style, communication and body language.

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Corporate Trainer

A corporate trainer is an instructor, educator or mentor who motivates, guide or educates corporate employees to achieve specific goals. The ultimate objective of a corporate trainer is to increase the efficiency of employees and align them with company mission and vision.

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Translator / Interpreter

Individuals who opt for a career as a translator convert concepts in the source language to equivalent concepts in the target language. Individuals in translator career in India speak, read, and write fluently in at least two languages, including English and one or more others.

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TEFL Teacher/Trainer

TEFL stands for Teaching English as a Foreign Language. There are many countries where English is not their native language and they predominantly hire trainers to teach English wherein TEFL certification becomes significant.

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Librarian

In a career as a librarian, individuals manage and organise books, magazines, and other material that contains information. A librarian is responsible for gathering, preparing, and circulating library resources like textbooks, videos, and audio recordings.

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TECHNICAL OR ELECTRONICS AND HARDWARE





Aircraft Maintenance Engineer

Aircraft Maintenance Engineers are professionals who maintain, control and repair aircraft instruments and parts

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AC & Refrigeration Technician

AC & Refrigeration Technician are skilled trained professionals who installs, repair, and maintains HVAC systems

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Automotive Service Technician

Automotive Service Technician are skilled trained professionals who work on various mechanical, electrical, and electronic parts of automobiles

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Civil Engineer (Diploma)

Civil Engineering is a discipline of engineering concerned with management of designing and construction projects

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Computer Hardware Technician

Computer Hardware Technician is a skilled trained professional who installs, configures, troubleshoots and maintains computer hardware, peripherals and networks

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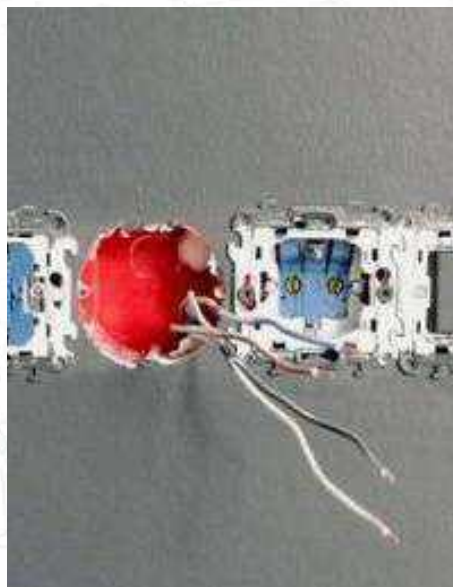


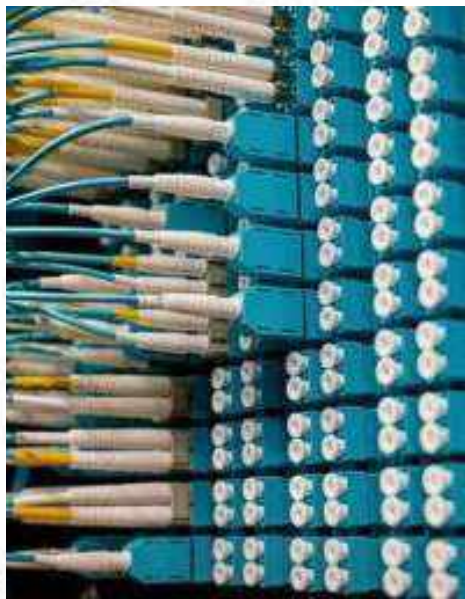
Domestic Appliance Repair Technician

Domestic Appliance Repair Technician is a skilled trained professional who repairs all domestic and home appliances, electrical and electronic equipment and devices

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Electrical Engineer (Diploma)

Electrical Engineering is a discipline of engineering concerned with the design, maintenance and development of electrical control systems and equipment

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Electrician

Electrician is a skilled trained professional who fits, installs, repairs and maintains electrical equipment and devices.

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Mobile Phone Repair Technician

Mobile Phone Repair Technician is a skilled trained professional who repairs all hardware and software faults that arise in smartphones.



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COMPUTER SCIENCE AND IT





Mobile App Development

App Developer is a software engineer who creates, tests, modifies source codes for software applications that are designed to run on mobile devices, such as a smartphone or tablet computer.

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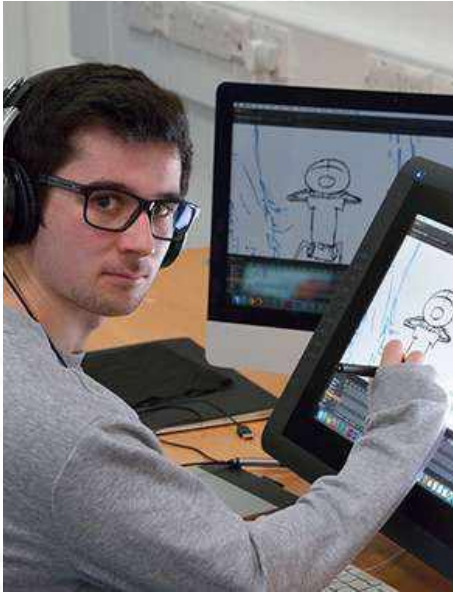
Web Development

Web Developer is a professional who deals with the back-end programming in the development of World Wide Web application using a client-server model. As Web Developer, individuals create a website from scratch that includes design, themes, interface, database, servers, domains, and such fields.

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Animation

Animators are the artist who specializes in art of creating animated pictures using animation software or CGI. The images can be made up of digital or hand-drawn pictures, models or puppets. Animators tend to work in 2D, 3D model-making, stop- frame or computer-generated animation.

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Cloud Computing Specialist

Cloud Computing Specialist maintains complex network design and helps companies to move their services into the cloud. A cloud expert is expected to have good knowledge in Microsoft Azure and AWS cloud services.

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Ethical Hacking

An ethical hacker is a computer and networking expert who systematically, legitimately and with the permission of the organisation investigates and detects vulnerabilities in a system or network for weak points that could be exploited by malicious hacker.

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Game Design & Development

Game Design and Development is creating, developing and designing video or online games. The interest of the students has increased in this field to an extent that now its not limited to playing video games, but are also looking at the career prospects in gaming.

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Computer Application & Information Technology

Computer Application & IT is the study, design, development or management of computing technology such as networking, software applications and computer hardware for business operations.

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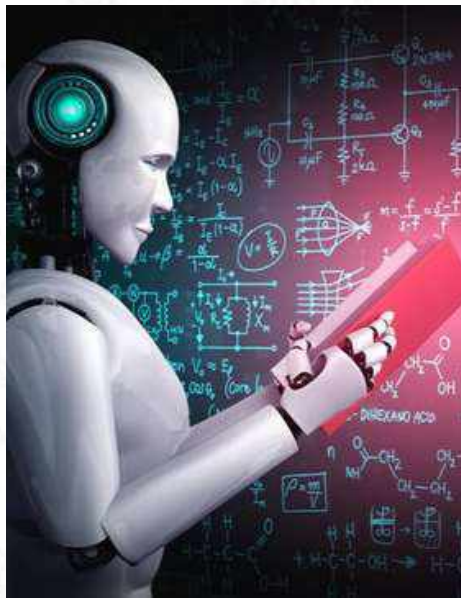
Business Intelligence Analyst

A Business Intelligence Analyst analyzes data for the purpose of preparing market intelligence and financial reports. In these reports, patterns and trends are identified in a particular market that may affect the actions and goals of a company.

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Artificial Intelligence

Artificial Intelligence is a sub-division of Computer Science and has its roots completely based in the computing system. The ultimate goal of AI is to build devices which can function intelligently and independently and reduce human labour and manual work. It utilises machine learning in order to mimic human intelligence.

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Data Science

Data Science is the science of data, where data in its raw form is processed into easily perceivable information. It involves using multi-disciplinary methods to analyze data scientifically using various tools, algorithms, processes, and systems to gather useful insights from data.

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Machine Learning

Machine Learning is one of the branches of Artificial Intelligence. It is aimed at enabling computers to learn from experience and perform such tasks that they were not originally programmed to do. Essentially, it allows computers to think like humans.

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Blockchain Developer

A blockchain is a digital ledger of all cryptocurrency transactions across all peer-to-peer networks. And this blockchain technology is different from any other traditional transactional methods which are centralized and controlled by certain governments and groups.

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Python Developer

Python is an excellent, beginner-friendly programming language. It is very easy to learn because of its simple syntax and can be used for various programming tasks like software development, writing system scripts, etc. Due to its versatile nature, it has become one of the preferred programming languages.

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Full Stack Developer

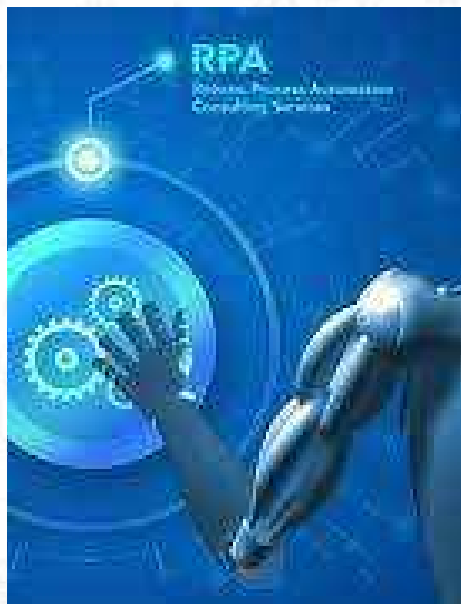
A Full-Stack Developer is a software engineer/specialist well-versed in the field of web development and its components. A Full Stack Developer is responsible for working on the front-end, back-end, application logic and database logic of a website/application.

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Robotic Process Automation (RPA) Consultant

Robotic Process Automation (RPA) is an emerging technology of process automation based on Software Robots or Artificial Intelligence workers. RPA is the significant technological innovation of screen scraping.

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Site Reliability Engineer

A Site Reliability Engineer (SRE) ensures that websites are more reliable, efficient, and scalable. They help create automated solutions to improve operational aspects of the site.

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Augmented Reality (AR)/Virtual Reality (VR) Developer

Virtual Reality (VR) corresponds to changing the physical reality with a near-reality emulation. It implements a three-dimensional and computer-generated environment which aims to simulate the actual reality

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Internet of Things (IoT) Developer

The mere act of connecting things to the internet and letting them have proper access to the internet can be defined as the Internet of Things

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Software Testing & Quality Assurance

Software testing is a new-age career with exponential growth potential. This is because, once the software is developed, it needs to be tested by experts.

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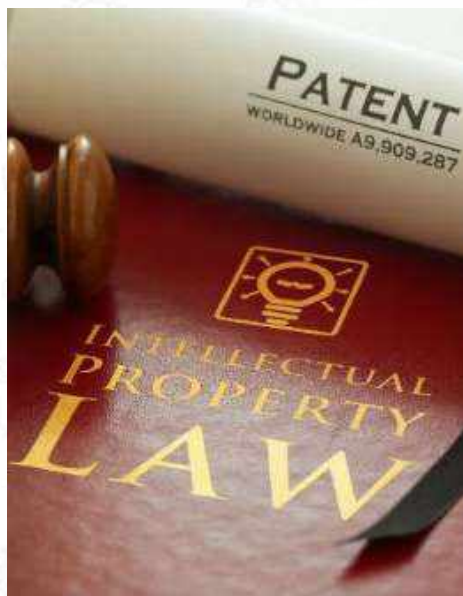
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LAW





Intellectual Property Lawyer

Intellectual Property lawyer protects the intellectual property of individuals or an organizations. Intellectual Property (IP) and Technology Law deals with some of the most critical legal areas like protection of technologies, brands, products etc. of a company.

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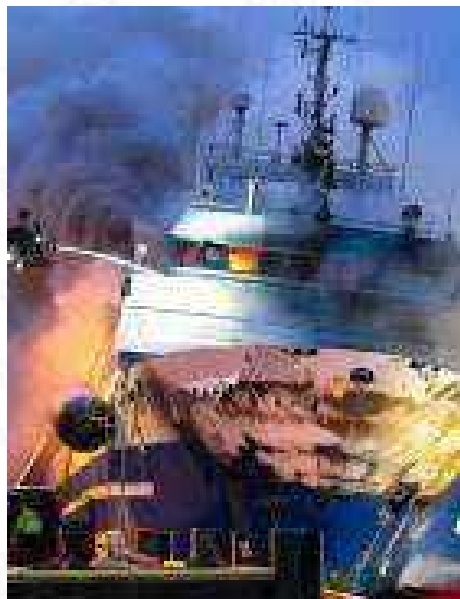
Human Rights Lawyer

Human Rights Lawyer protects the legal rights of individuals. Individuals in the human rights lawyer career path are legal professionals responsible for advocating for people whose inherent dignity have been violated and who have suffered a lot of injustice.

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Maritime Lawyer

Maritime lawyer specializes in nautical issues and maritime disputes carried out in open waters.

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Judge

Judge analyse various documentary evidences presented by the lawyers and administers justice in a court of law. Individuals who opt for a career as judge are appointed professionals who control over the trial and hearing of the judiciary in order to make decisions.

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Corporate Lawyer

Corporate Lawyer protects the legal obligations of corporates and businesses. Corporate Law has a great scope as it applies to sole proprietorship, partnership, associations and corporations.

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Civil Lawyer

Civil Lawyer protects the civil rights of citizens. He/She is a law professional who deals with the disputes that come under civil law. Civil law is applicable to issues related to property and business disputes, family disputes and torts.

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Cyber Lawyer

Cyber lawyer handles criminal matters on the Internet. As cyber lawyer, individuals advocate cases related to cybercrimes such as theft of personal information, digital documents, cyberstalking, cyber threats such as cyberbullying, cyber terrorism, data protection and other online crimes.

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Criminal Lawyer

Criminal lawyer defends individuals and organisations charged of criminal activities. Individuals who opt for a career as Criminal Lawyers, also regarded as criminal defence lawyers and public defenders, represent people who have been accused of a crime.

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Patent Agent

A person who is qualified to prosecute patents (i.e. drafting and filing a patent application) is known as a Patent Agent.

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Paralegal

Paralegal is defined as a person who is qualified through education, training or work experience to perform substantive legal work.

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SCHOLARSHIPS



A scholarship is an award of financial support for students to help them progress further in their education. Scholarships are awarded based on several criteria such as academic merit, athletic skills and financial needs. Scholarships can be student-specific, career-specific or college-specific. A greater detail of scholarships available both in our country and abroad is provided in this segment of scholarships.

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FELLOWSHIPS



The term "Fellowship" is used to describe various programmes . Fellowships are mainly monetary award given to scholars to fund their education. There are different types of Fellowships like short-term opportunities, specific fields, sponsorship provided by an organization with an interest in advancing the field. Details on various fellowships offered in India and Abroad to scholars in various field has been provided in this segment.

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