

Intermediate courses of Polytechnic

What is polytechnic degree: -

- **Polytechnic is Diploma/Vocational course in Engineering** which provides practical knowledge in the field of technology.
- Many students go for Polytechnic after completing 10th or 12th. ... for ex-Civil,mechanical,electrical and newly emerging branches.
- Those who finished diploma courses can go ahead engineering courses and study with less spending.

Uses of polytechnic---

- A polytechnic would **help you achieve practical knowledge of training on the basic level.**
- After attaining a polytechnic diploma, you could straightaway apply for jobs in the same field and often in the government or private sectors.

What is the Education Program of Polytechnic?

Many specilizations-

1. Civil Diploma
2. Mechanical Diploma.
3. Electrical Diploma.
4. Chemical Diploma.
5. Computer Science and Technology.
6. Electronic and Communication Diploma.
7. Electrical and Electronics Diploma.
8. Automobile Diploma
9. Bio -Technology
- 10.Aeronautical Diploma
- 11.Agriculture Diploma
- 12.Architcture Diploma
- 13.Bio-medical Diploma
- 14.Marine Technology
- 15.Mining Technology
- 16.Leather Technology
- 17.Textile Technology
- 18.Petroleum Technology
- 19.PlasticTechnology
- 20.Rubber Technology

Eligibility Criteria-

- Passed SSC Examination of maharashtra state board secondary and higher secondary education.
- Passed with subjects Mathematics, General Science and English with minimum 35% aggregate marks.
- Age of students is minimum 14 years.
- Admission Process-Direct of most of the private colleges, For Government colleges entrance exam.
- Tuition fees-Minimum 5 thousands per year to maximum 50 thousands per year.

1) Mechanical Diploma-

Features of Mechanical Diploma-

- Columbia University defines Mechanical Engineering as "the study of objects and systems in motion. As such, the field of mechanical engineering touches virtually every aspect of modern life, including the human body, a highly complex machine."
- Diploma in Mechanical Engineering is a course that can be opted by students after Class 10th.
- It is also referred to as Polytechnic in Mechanical Engineering course. The course deals with the fundamental concepts of engineering under mechanical specialisation.
- Diploma in Mechanical Engineering duration is a 3-year-old course which is divided into six semesters.
- Diploma in Mechanical Engineering is a discipline that deals with the application of the concepts of physics, Chemistry and science for designing, manufacturing and maintenance of mechanical equipment.
- The essential subjects of Diploma in Mechanical Engineering are mostly mathematics (calculus, differential equations, and linear algebra).
- The purpose of offering Diploma in Mechanical Engineering course is to provide education and training to students who can work as professionals in industries and production companies in future.
- The job scope for a Diploma in Mechanical Engineering students is available in almost every private and public sector of various reputed organizations with job responsibilities

Eligibility Criteria for Diploma in Mechanical Engineering

- Admission for Diploma in Mechanical Engineering in India requires the aspirants to qualify for this course by completing 10th education and with a **minimum requirement of 45% aggregate marks** from any recognized board or university or any college.
- They are also clearing the entrance examination with good marks from a known institution.
- Aspirants from any age group can apply to this course.

How to Get Admission to Diploma in Mechanical Engineering

- The Diploma in Mechanical Engineering admission process for the course in India is carried out from any engineering college directly after completing 10th education.
- The eligibility criteria for the Diploma in Mechanical Engineering admission process have to be kept in mind before applying for a Diploma in Mechanical Engineering course.
- Students can do it online or offline through the website of college.

How to Apply?

- Aspirant's eager to study Diploma in Mechanical Engineering can either apply online or offline for this course.
- Aspirants can directly apply for this course online by visiting the college or university website and offline by visiting the college office.
- The aspirants can download the form from the website or collect it from the college office. Then, they fill the form and attach the documents required, such as Marksheets, the Passing Certificate, and Identity cards for the Diploma in Mechanical Engineering admission verification process.
- After submitting the form, the aspirants will be responded to by the college officials for further information.

Selection Process

- The selection process is carried out based on eligibility criteria of Diploma in Mechanical Engineering.
- The selection process goes forward with the criteria matching college cut-offs and merits.
- The confirmed applicants will be posted on the college website or informed through their mail.
- The universities or colleges conduct interviews, discussions, or counselling sessions for the aspirants.

Fee Structure for Diploma in Mechanical Engineering

- Diploma in Mechanical Engineering course fees may differ according to the institutes they provide for a particular course.
- The average fees structure for Diploma in Mechanical Engineering course ranges from INR 5K - 2L per annum.

Syllabus and Subjects for Diploma in Mechanical Engineering

- The syllabus and subjects are structured to have a better understanding and overall growth of the course.
- The syllabus is designed for Diploma in Mechanical Engineering students to emphasize their knowledge in various domains. Some of the topics specifically followed in the curriculum:

1. Thermal Engineering
2. Fluid Mechanics

3. Mechanical Engineering Science
4. Strength of Materials
5. Design of Machine Elements, etc.

Q:-Why Choose Diploma in Mechanical Engineering?

- Mechanical engineers are in high demand in industries such as manufacturing, automobiles, aerospace, and energy. Therefore, a diploma in Mechanical Engineering course has always been popular, which is reasonably significant.
- This course helps to master practical knowledge of current trends in manufacturing companies.
- A diploma in mechanical engineering enables aspirants to get all of the necessary skills and information to become influential mechanical engineers.

Q:-What is Diploma in Mechanical Engineering All About?

- A diploma in Mechanical Engineering is a 3-year-old undergraduate course that focuses on the development of skills and techniques of an engineering student.
- A diploma in Mechanical Engineering is a domain of engineering that correlates the principles of physics and material science for the analysis, design, manufacturing, and maintenance of mechanical systems.
- This course offers subjects related to machines, physics, mechanism, mathematics, industrial design, chemistry, manufacturing, CADD, etc.
- The job scope for the Diploma in Engineering course is also in an extensive range with an excellent salary package in jobs including private and public sectors of various reputed organizations in India and abroad.

Q:-What Does a Diploma in Mechanical Engineering Graduate Do?

Construct & develop:-

- A Diploma in Mechanical Engineering degree teaches aspirants how to construct mechanical devices having moving parts, ranging from little products such as watches to large spacecraft such as space shuttles.
- Mechanical engineers are frequently found on robot-building teams.
- **Communication:** A Diploma in Mechanical Engineering aspirants are taught a problem-solving approach and a clear communication style, which are crucial abilities.
- Mechanical engineers are often great at evaluating and discussing intricate issues.

Reasons Why Diploma in Mechanical Engineering Can Fetch You a Rewarding Career Demand:

- Diploma in Mechanical engineers are very much in need as they are the developers of new technology.
- They have ample opportunities in jobs and globally to junior-level talents.

Career Growth:

- They have tremendous growth in your personalities and annual salaries.
- Mechanical engineers are very suitable for all types of work environments.

- Industries and units requiring the operation of machine systems need mechanical engineers responsible for the design, production, installation, operation, and maintenance of mechanical systems.

Preparation Tips For Diploma in Mechanical Engineering

Read and Practice More:

The aspirants should go over the entire syllabus again, focusing on the most critical areas. For example, engineering Mathematics can help aspirants score higher, so they should thoroughly review because applicants can easily acquire marks from this area with less work.

Mock Tests: Attempting mock tests, revising formulas, and may include other forms of syllabus revision.

Scope For Higher Education

1. The Diploma in Mechanical Engineering has the best scope for jobs and salaries in India and abroad in almost all private and public sectors of various organizations.
2. Courses for short duration like CNC Training, CAD/CAM Training, Catia, and Unigraphics students can easily apply.
3. After completing B.Tech, one can pursue a master's degree in the discipline. Some of the higher education courses that the students can pursue are:
 - i. BE
 - ii. B.Tech
 - iii. M.Tech
 - iv. MBA
 - v. PhD

Salary Of a Diploma in Mechanical Engineering Graduate

- Diploma in Mechanical Engineering course salary varies according to an aspirant's knowledge and skills.
- Another factor that changes the average salary package is the company and post you are appointed to.
- Fresher aspirants may start with an average salary package, but once they gain experience, it increases up to a certain amount.
- The course's average salary, which is offered, ranges from INR 2 - 7 LPA

Career Options After Diploma in Mechanical Engineering Education

- After completing a Diploma in Mechanical Engineering, you are eligible for junior-level posts in both private and government jobs in India and abroad.
- Diploma in Mechanical engineering aspirants has excellent scope in future and vast job opportunities.
- Mechanical engineering is a continuous up-gradation of so many branches. Mechanical engineers are found in the government fields:
 - a. Aeronautics
 - b. Railways
 - c. Defence

- d. Agricultural industry
- e. Textile industry
- f. Transportation companies, etc.

Some of the very best Diploma in Mechanical engineers can start a career in the areas mentioned above as,

1. Industrial Engineer
2. Quality Engineer
3. Design Engineer
4. Supply Chain Manager
5. Technical Engineer
6. Mechanical Engineer

Skills That Make You The Best Diploma in Mechanical Engineering Graduate

- Diploma in Mechanical Engineering aspirants should possess problem-solving at the heart of engineering.
- Mechanical engineering, at its foundation, necessitates applied creativity—a hands-on understanding of the work—as well as strong interpersonal skills such as networking, leadership, and conflict resolution.
- Creativity
- Skills in listening
- Math abilities
- Mechanical aptitudes
- Possessing problem-solving abilities

2) Civil Diploma

- Diploma in Civil Engineering is a three-year course programme.
- The course is all about planning, designing, executing the structures, construction of highways, dams, buildings, and satellites.
- Through this course, students are provided with a deep understanding of the civil engineering subject that includes academic as well as practical knowledge.
- Civil Engineers are tasked with different concepts, ways to improve the infrastructure to meet the current requirements.

Diploma in Civil Engineering Eligibility Criteria

- The eligibility criteria vary from college to college. In order to be eligible for the Diploma in Civil Engineering course, students must fulfill certain eligibility criteria to get enrolled in the course. There are certain eligibility criteria which the students must fulfill in order to pursue Diploma in Civil Engineering
- Students should have passed Class 10th or 12th from a recognized board or institute with a minimum aggregate of 50 percent marks.
- They must have studied PCM (Physics, Chemistry, Mathematics) in the last qualifying exam.

Diploma in Civil Engineering Admissions

- The admission process for Diploma in Civil Engineering depends on the college or university.

- Some colleges enrol students through direct admission on the basis of marks scored in the last qualifying exam.
- Some colleges take admission on the basis of the entrance exam conducted by them.
- Students can find the relevant information about the admission for Diploma in Civil Engineering listed below:
- Students need to appear for the entrance exam conducted by the particular college for which they are applying for admission.
- Those who qualify for the entrance exam have to attend the counselling process for further requirements.
- Some colleges conduct direct admission to the course program. They have to attend the interview round to secure their admission in the respective college.

Diploma in Civil Engineering Skills Required

- There are required skills for the students who choose a Diploma in Civil Engineering.
- These essential skills develop a better understanding of the course.
- The key skills required for the Diploma in Civil Engineering are:
 1. Technical Skills
 2. Analytical Skills
 3. Leadership skills
 4. Problem-solving skills
 5. Organizational skills
 6. Creativity skills
 7. Management Skills
 8. Team Player

Scope of Civil Diploma:-

- After completing a course in Diploma in Civil Engineering, the students can go for government or private sector jobs.
- Civil engineering has a much wide scope. Students can also pursue higher studies in the same field like advanced diploma in civil engineering, surveying, structural engineering, constructing management, building design, or certificate course.
- Those interested in getting further education can pursue a B.Tech. in Civil Engineering and beyond that an M.Tech. degree.
- One can also pursue a B.E. and then an ME degree in the same field.

Career Options after Diploma in Civil Engineering

- There are job opportunities and companies are constantly looking for candidates for improving their present infrastructure, products and coming up with advanced, creative products.
- They can get employed in sectors like IT, software companies, government firms, construction companies, engineering firms, and many more.
- The various job options which the candidates can opt for include Civil Engineer, Construction Project Assistant, Construction Engineer, Professor, Consultant, Structural Engineer, and others.

- The average salary for Diploma in Civil Engineering ranges in between Rs. 3 to 10 Lakhs.

List of Career Options after Diploma in Civil Engineering

Construction Engineer:

- Construction Engineer is a trained professional who works for a construction company to analyze and investigate the data to ensure a smooth and safe process of projects.
- He or She manages, designs, and develops construction projects and sites.

Site Engineer: Site Engineer is in charge of the overall sites and projects. They are responsible for the health, safety, and raw materials of sites.

Structural Engineer: Structural Engineer is responsible for designing, planning, and improving the existing structures. They manage public infrastructures such as buildings, bridges, and roads.

Geotechnical Engineer: They are responsible for handling things that are related to soil, rocks. Besides this, they deal with all types of transportation and other domains.

List of Top Companies

1. TATA Consulting Engineers
2. Power Grid Corporation of India
3. Maytas Infra
4. Rama Group
5. Nucleus Premium Properties Private Limited
6. Black cat engineering
7. Ascent Consulting

Benefits of Studying Diploma in Civil Engineering

- The job opportunities as compared to other courses are much broader. Candidates after pursuing a course in civil engineering have much higher chances of getting employed within the least time.
- Students are equipped with several things that include designing, maintenance, construction of roads, dams, bridges, and buildings.
- The course is the oldest branch of engineering that helps students to grow and learn team spirit, organizational skills, and other methods.

Expected Salary after Diploma in Civil Engineering

- The average pay for civil engineering professionals is considered as one of the best in the industry.
- Their packages include insurance, tours, and other benefits. There are numerous companies that offer the best packages for candidates who have extensive experience in the field.
- The salary packages depend on the candidate's skills, experience, college, education, and other factors.
- The average salary offered to Civil Engineers is in between Rs 4 Lakhs to Rs. 10 Lakhs.

3) Electrical Engineering-

- Diploma in Electrical Engineering course which offers to study Electrical devices and systems.
- This course helps to design and develop Electrical systems.
- The Electrical Diploma course duration is 3 years. Students who have completed 10th from a recognized education board are eligible for the course.
- After completion of this course, it provides wide opportunities for students in Private as well as government enterprises.
- This course helps students to apply theoretical knowledge to find solutions to real-world electrical problems and solve them.
- Diploma in Electrical course involves various subjects like Microcontroller, Transducers, Sensors, and Motors.... etc.
- After pursuing Diploma in Electrical Engineering students can go for higher education; Bachelor of Engineering in Electrical and Electronics.

Diploma in Electrical Engineering Course Details -

Diploma in Electrical Engineering:

- Diploma in Electrical Engineering is a course mainly concentrate on Electrical systems and devices. Diploma in Electrical Engineering is a 3 years course, which is divided into 6 semesters.
- An electrical engineer is required in most of the industries such as Automobile industries and Textile industries. Students can find employment very easily in Nuclear power plants, Government projects on renewable energy sources and other places where electricity is generated and maintained.
- The candidates can pursue Diploma in Electrical Engineering after 10th.
- Diploma in Electrical Engineering course involves Microcontroller, Electrical power generation and Electromagnetic studies which helps students to learn how control systems and signal processing works.
- Electrical Engineering gives an opportunity for students to explore Electrical aspects, tools, as well as methods.
- Diploma in Electrical engineering helps to have a better knowledge of many industrial machines and their applications.
- The minimum eligibility criteria for this course is to pass 10th with a minimum of 45% marks from the recognized board of education.
- The course fees differ from college to college according to their standards. The average course fee ranges from INR 10000 to 50000 per annum.

The various fields of Electrical Engineering are-

1. Digital Computers
2. Computer Engineering
3. Control System
4. Radio-Frequency Engineering
5. Signal Processing
6. Power Engineering, etc.

What is Diploma in Electrical Engineering?

- This Diploma Electrical Engineering course deals with the Power used for Lighting, Heating, Cooling, refrigeration and operating home appliances.
- Control system, Electronics, and Signal processing. Diploma in Electrical engineering is a 3 years course which is divided into 6 semesters.
- It is the study and application of electricity, electromagnetism, and electronics to process information and transmits energy.
- The electrical engineering course mainly focuses on Electrical elements and devices used to generate electricity from different methods such as Windmills, Nuclear power plants.
- In each semester the candidate will study different subjects that teach analytical, technical and design skills.

Electrical Engineering in itself is a huge field; hence there are various specializations available to narrow down the study:

1. Hardware Engineering
2. Nanotechnology
3. Electromagnetics and waves
4. Renewable Energies
5. Electrochemistry, etc.

Minimum eligibility

- For this course is Class 10th from a recognized board with a minimum aggregate of 45% or equivalent.
- Electrical Engineering (EE) Diploma provides analytical training to the students which enhance their skill to keep in touch with the dynamic computer technologies.

Why Choose Diploma in Electrical Engineering?

- Electrical engineering helps to understand various applications of electricity and electronics.
- Most of the devices that are used today are electricity-based and electricity is getting popular day by day because it is eco-friendly that is why everything is now replaced by electricity like electrical bikes and electrical cars hence it expands opportunities for electrical engineers.
- Electronics are a daily part of our life. This helps to gain knowledge in the Power system and Computer systems and the market for electronic goods is increasing day by day, hence increasing the scope of Electrical Engineers.
- Advancement in Technology and the introduction of Artificial Intelligence (AI) & Industry 4.0 has further expanded opportunities.
- The course provides various specializations that one can choose, allowing the students to focus on their interest in the study.
- Job opportunities are not only limited to one industry or sector, but these are also a few of many sectors where an individual can find job opportunities.

1. Telecommunication Sector
2. Railways

3. Research and Design

4. Defense, etc.

- Holders of Diploma in Electrical Engineering can work as Electrical Engineer, Assistant Engineer, Quality Assurance (QA) Engineer, Executive Assistant, etc. Students can also go for higher studies like B.E or B.Tech in Electrical and Electronics.

Diploma in Electrical Engineering Course Preparation Tips:

- Know the syllabus Be similar to the syllabus and study the basics of the course.
- Time management Time table should be prepared so that the student can learn the subject accordingly time table and prepare for the test.
- Knowledge of the exam paper Students can refer to previous year question papers and study all the questions that appeared.

Diploma in Electrical Engineering Job Opportunities:

- Various job opportunities are available for diploma holders in Electrical engineering in public as well as the private sectors.
- In the generation of electric vehicles and electronic gadgets, electrical engineers play a key role in industries.

4) Chemical Engineering-

- Diploma in Chemical Engineering is a three-year-long diploma course that deals with the study of the basics of chemical engineering.
- The Diploma in Chemical Engineering course offers an ample amount of jobs to students.
- They can work as plant operators, market analysts, maintenance technicians, product engineers, etc.

Diploma in Chemical Engineering Course Details-

Degree	Diploma
Full Form	Diploma In Chemical Engineering
Duration	Course Duration of Diploma in Chemical Engineering is 3 Years.
Age	13-14
Minimum Percentage	45%
Subjects Required	Physics, Chemistry, Mathematics
Average Fees Incurred	INR 30,000 - 2.5 LPA
Similar Options of Study	Diploma in biotechnology, diploma in nanotechnology, diploma in microbiology, Bachelor of Science in chemistry.

Average Salary Offered	INR 2 - 5 LPA [Source: PayScale]
Employment Roles	Chemical Engineer, associate scientist, field operator, market analyst, technical service representative, quality control officer, safety management officer, plant supervisor, etc
Placement Opportunities	Manufacturing firms, Chemical factories, Chemical plants, DRDO, ONGC, Petroleum or oil refiners

Eligibility Criteria for Diploma in Chemical Engineering

- Diploma in Chemical Engineering admission is given to those students who successfully meet the eligibility requirements.
- The minimum eligibility for Diploma in Chemical Engineering requires the students to have pursued a 10+2 examination from a board recognizable by the college.
- A diploma in Chemical Engineering has primarily no age limit.
- For students, it is of the utmost importance for them to pass the national level exams or other entrance exams conducted by colleges for proper admission.

How to Get Admission in a Diploma in Chemical Engineering?

- For pursuing a Diploma in Chemical Engineering, eligibility criteria must be checked properly by the students.
- Diploma in Chemical Engineering course admissions is available for all from the website or by directly visiting the college's admissions office.
- Some of the most inquired about questions regarding the details of the admission process, in general, are given below:

How to Apply?

- Diploma in Chemical Engineering course details for admissions is easily accessible on the official websites to which the students want to apply.
- Admission registration can be carried out through online and offline methods but the Diploma in Chemical Engineering eligibility should be first checked.

Selection Process

- Mostly the selection process for course details Diploma in Chemical Engineering courses in India is based on the student's entrance exam marks.
- The selection for the course is also based on the merit obtained by the students in the 10+2 board examinations.
- Students are made aware of their results through a brisk professional email or they can visit the official website of the university.

Top 10 Colleges for Diploma in Chemical Engineering in India-

The top colleges in India for Diploma in Chemical Engineering are situated in all the different regions of the country. Top colleges in Chemical Engineering in India are far harder to enter than Diploma in Chemical Engineering government colleges. Some of the best Diploma in Chemical Engineering College in India is listed below:

Diploma in Chemical Engineering Colleges	
Sl. No.	Name of the Institute
1	VJTI
2	GLA University
3	DBATU
4	Galgotias University
5	Amity University, Noida
6	GTU
7	MU
8	SPCE
9	Integral University
10	SVIST

Q:-Why Choose Diploma in Chemical Engineering?

- Students often wonder about the various Diploma in Chemical Engineering details before choosing the course.
- Before deciding on a career, students come across mundane questions like, "What is Diploma in Chemical Engineering?" and "Why choose a Diploma in Chemical Engineering?"
- To clearly understand the depth of the answers to these questions, we have framed the following three pointers:

Q:-What is a Diploma in Chemical Engineering?

- Diploma in Chemical Engineering is a course that spreads out for three-year. It is a full-time diploma course that focuses mainly on making the student aware of and educating them about ways and techniques to teach preschoolers.
- The course instills students with the ability to apply the knowledge that brings to light a more enhanced look at chemical engineering that doesn't get as much attention as it requires by the coming generation.

Q:-What Does a Diploma in Chemical Engineering Graduate Do?

- A diploma in Chemical Engineering offers career options that stretch all the way in both private and public organizations.
- Diploma in Chemical Engineering jobs in government offices like plant operators, market analysts, product engineers, etc. While in the private sector jobs counting the jobs mentioned above more like maintenance technician, supervisors are available.

Maintenance Technician:

- A maintenance technician is given the responsibility of conducting and managing general maintenance and repairs on facility equipment and property structures.
- Their job also includes ensuring that heating and plumbing systems perform at optimum functionality, the installation of HVAC, and the upkeep of the landscape.

Reasons Why Diploma in Chemical Engineering Can Fetch You a Rewarding Career?

A Diploma in Chemical Engineering can be a rewarding career for graduates as it trains students for exciting and successful careers in the departments that are eager and excited to explore the wide array of techniques and methods to learn about chemical engineering.

Career Scope and Options:

- Students who may apply for a Diploma in Chemical Engineering include a wide variety of careers for the students who are opting for it.
- Technicians can work in nearly any industry and have a variety of job titles, such as plant operator, market analyst, process engineer, associate scientist, field operator, technical service operator and supervisor.

Preparation Tips for Diploma in Chemical Engineering

- A diploma in Chemical Engineering is an upcoming career option, and students should be well prepared before continuing with the course.

Some of the important tips for students seeking admission to the topmost Diploma in Chemical Engineering colleges in India are:

Course Research: An overview look at the course to understand the course more coherently. Analyzing the course thoroughly makes the student decide their way of education.

Improvise Your Skills: Improving various cooperative and problem-solving skills can make a huge difference that affects the course decision heavily.

Internship - Indulging in an internship gives the student a face-to-face experience in the field.

Scope For Higher Education

- A Diploma in Chemical Engineering is a diploma course that students pursue after their second high school in order to learn more about chemical engineering.
- Below are some of the most popular higher education options available for students after completing a Diploma in Chemical Engineering:
 1. B.Tech
 2. MBA
 3. M.Tech
 4. M.Sc (Hons.)

Salary of a Diploma in Chemical Engineering

The average salary for a Diploma in Chemical Engineering graduate is around INR 2 - 10 LPA (Source: Pascale) which would increase with the experience and skills.

Career Options after Diploma in Chemical Engineering

- The Diploma in Chemical Engineering program will improve their chances of getting hired.
- Diploma in Chemical Engineering graduates can work as plant operators, market analysts, maintenance technicians, product engineers.

Some of the vacancies offered to graduates are:

1. Maintenance Technician
2. Plant Operator
3. Market Analyst
4. Process Engineer
5. Associate Scientist
6. Field Operator
7. Technical Service Operator
8. Supervisor

Skills That Make You the Best Diploma in Chemical Engineering

Diploma in Chemical Engineering graduates should develop good communication and listening skills. A few necessary skills for Diploma in Chemical Engineering graduates are:

- An aptitude for and interest in chemistry.
- IT and numeracy skills.
- Analytical skills.
- Commercial awareness.
- The ability to work well under pressure.
- Communication and team-working skills.
- Problem-solving skills

5) Computer Science Engineering-

Diploma in Computer Science and Engineering: Highlights

Few of the highlights of this course are given below:

Course Name	Diploma in Computer Science and Engineering
Course level	Graduation
Course duration	2-3 Years
Eligibility criteria	10+2
Admission Procedure	Entrance exam
Examination Type	Semester system
Course Fees	Up to 5 lacs
Salary	Upto 20 lacs per annum
Top Recruiting Areas	Academic Institutions, Telecommunication Companies, Manufacturing Companies, Aerospace and Defense Sector, Healthcare Companies, Agricultural Sector, Retail Companies etc.
Job Positions	Software Engineer, Analyst, Researcher, Technical Content Writer, etc.

Diploma in Computer Science and Engineering Eligibility

- The eligibility criteria for doing a Diploma course in Diploma in Computer Science and Engineering are as follows. Candidates must have passed Class 12 having Science Subjects.
- The candidate must have a minimum of 50% marks in aggregate.
- 5% relaxation in marks will be given to candidates belonging to SC/ST/OBC (Reserved category).

Diploma in Computer Science and Engineering: Admission Process

Admissions in Diploma courses are also done through both merit and entrance exams.

Direct Admission

- Students need to submit the application form to the colleges or universities they want to take admission.
- Students need to perform well in their undergraduate course as the scores obtained in these form the basis in the whole admission process.
- Some college's release their cutoff list as well please check if you are eligible in any of the colleges.
- If you are eligible then visit the college and submit all the required documents.

Why should you pursue Diploma in Computer Science and Engineering?

There are plenty of reasons to study Diploma in Computer Science and Engineering.

- The nation wants professionals who possess good technical knowledge and could do something for the technological organizations.
- Most of the students go for studying this course because of the following reasons.
 - i. It opens a pool of opportunities in various fields especially in the technological sector.
 - ii. The candidates who have a UG diploma degree can get a chance to study a specialized course very early once they have done class 10.
 - iii. Candidates with good knowledge and skills related to the course can pursue a degree programme after the completion of UG diploma programme.
 - iv. Those who complete the diploma course can directly get a job in the relevant field based on their skills, knowledge and calibers.
 - v. Higher Salary Package:- Students having this degree are in high demand so they get high salary packages also if they have good command in the field.
 - vi. Many opportunities are available in the field of Technology and development. If anyone has interest in these areas this course is best for them.

Diploma in Computer Science and Engineering:

Course Advantages:-

- Students who study this course will gain knowledge of the basics of engineering techniques, Engineering Mathematics, Physics and Chemistry etc.
- The course also includes computer related subjects such as programming, computer science, operating systems, data structures, computer network, Object

oriented programming methodologies etc. So, students who have interest in this field can take admission to this course.

Diploma in Computer Science and Engineering:

Course Comparison

Parameter	Diploma in Computer Science and Engineering	BSc Computer Science
Domain	Computer Science and Engineering	Computer Science
Overview	This course gives knowledge regarding computers, languages of computers and its implementation etc.	This course basically focuses on research and practices in the Technology field dealing with various aspects of Computer Science.
Duration	1-3 years	3 years
Eligibility	Have Passed Class 10 or equivalent from a recognized board.	Passed Class 12 or equivalent from a recognized board
Admission Process	Entrance/Merit Based	Entrance/Merit Based
Average Fees	INR 5,000 – INR 2,00,000	INR 30,000 – INR 3,00,000
Average Salary	INR 2,00,000 – INR 10,00,000	INR 3,000 – INR 20,00,000

Diploma in Computer Science and Engineering Jobs and Salary-

Name of the Job Profile	Average Salary in INR
Computer Science and Engineer	INR 6,50,000 – INR 5,00,000
Software Developer	INR 3,00,000- INR 4,00,000
Academic Research Editor	INR 3,50,000
Professor	INR 3,00,000
System Analyst	INR 2,50,000- 3,50,000

Diploma in Computer Science and Engineering Scope

The most popular choices of education on completion of Diploma in Computer Science and Engineering as follows.

BSc: Bachelor of Computer Science

- If one wishes to continue in the same field of education the first program of choice is a BSc Computer Applications/ Science.
 - It is a three-year course and the eligibility criteria include passing class 12 in relevant streams. See More: [Top Computer Applications Colleges in India](#)
1. **PGD:** A large number of Diploma holders choose to go for the PGDM course. Admissions are offered through the national level entrance test. See More: [Top PG Diploma in Computer Applications Colleges in India](#)
 2. **Competitive Examinations:** Another route the Diploma holders can go for is to prepare for competitive examinations.

6) Electronic and Telecommunication Engineering-

Diploma in Electronics and Communication Engineering: Course Highlights

Course Level	Diploma
Duration	3 years
Examination Type	Semester wise/ Examination Type
Eligibility	10+2 with minimum 50% marks in Science subjects
Admission Process	Merit in the qualifying Examination.
Course Fee	INR 10,000 to INR 5 Lakhs
Average Salary	INR 3 to INR 20 Lakhs Per Annum
Top recruiting Companies	Electronics and Communication Aviation Department, Defense Services, Entertainment Industry, Healthcare equipment Manufacturing Industry, Indian Railways, Internet technologies, IT industry, mobile communication, National Physical Laboratories, Telecommunication industry and such.
Job positions	Production quality Manager, Electronics Hardware Development Engineer, Production Manager, Business development Manager Mechanical/ Electronics, Electronics and Electrical Engineer, Electronics Technician, Product Line Engineers(Mechanical and Electronics) programmer Analyst, etc.

Diploma in Electronics and Communication Engineering: Eligibility Criteria

- Candidates must have cleared the equivalent exam for their desired college.
- Appearing Candidates must have passed 12th from Science Stream having Maths, Chemistry and Physics as main subjects from any recognized board.

Diploma in Electronics and Communication Engineering Admission Process

Admissions in Diploma courses are also done through both merit and entrance exams.

Direct Admission

- Candidates who are willing to get admission in this stream can apply to Diploma in Electronics and Communication Engineering colleges by both offline and online means.
- You can either reach the official website of the institute or to this step admission office of the institute to fill the admission application form.
- Fill the application form required and upload all the necessary documents which are asked in the form.
- After completion of the process of application, go for counselling round and attend the personal interview round to get your desired college.

Q:- Why should you pursue a Diploma in Electronics and Communication Engineering?

- The goal to study Diploma in Electronics and Communication Engineering depends upon individual aspirations. Some of the few reasons to pursue this course is mentioned below:

- The Electronics and Communication branch provides freedom. The freedom to drift between hardware field and software field.
- It trains students in areas such as-Electronic circuits, Electrical systems, Communication Engineering, Signal systems, Signal processing, VLSI, Software etc.
- The key skills developed during the course are critical thinking, aptitude for maths, communication skills, strong IT skills, time management, complex problem solving skills, etc.
- Diverse job opportunities are available in front of diploma in Electronics and Communication Engineering certificate holders. Government as well as private sectors jobs are available.

Diploma in Electronics and Communication Engineering: Course Advantages

- The course also provides knowledge about an expansion of productivity across numerous industries such as energy oil, agriculture, telecommunication media, television and such others.
- Students enrolled in this course are taught to direct, balance, control and test production processes, ensure safety, installation and proper functioning of the various mechanisms, understand and apply digital electronics.
- They are taught to operate, understand, and manage electronic circuits, signs and frame work, power electronics gadgets, VLSI, Applied electromagnetic theories, PC Engineering and more.

Diploma in Electronics and Communication Engineering: Course Comparison-

Duration	3 years	3 years
Focus Area	It focuses on design, analysis and manufacturing of electronics and communication circuits. Some of the important subjects covered in the discipline include- Control system, Logic design, VLSI, PCB Design, Circuit Networks, Integrated circuits, etc.	It focuses on the application of electromagnetism, electronics, and electricity. It is a part of the Engineering field of study.
Admission Criteria	Merit in the qualifying examination.	Entrance Test based process.
Eligibility Criteria	10+2 qualified with a minimum score of 50% in aggregate with Physics, Chemistry and Mathematics as compulsory subjects.	Passed 10th with Mathematics and Science as compulsory subjects.
Average Course Fees	INR 10,000 to INR 5,00,000.	INR 30,000 to INR 5,00,000
Job Options	Production quality Manager, Electronics Hardware Development Engineer, Production Manager, Business development Manager Mechanical/ Electronics, Electronics and Electrical Engineer, and such more.	Technical trainer, Electrical Design Engineer, field application Engineer, etc.
Areas of Employment	Colleges and Universities, Airline sectors, Railways, IT Companies, Electricity Boards, Power Generating Companies.	Aerospace, Automotive, chemical, construction, defense, Power Generation, Telecoms, and Utility.
Average Placement Package	INR 2,00,000 to INR 20,00,000.	INR1,20,000 to INR 1,68,000.

Diploma in Electronics and Communication Engineering:

Job Prospects-

Qualified Electronics and Communication engineers work in areas like aviation and avionics, consumer electronics, electricity plant, manufacturing, transportation, communication and telecommunication, computer application, radio and television, diagnostic equipment manufacturing and offshore companies.

The 2 major hiring industries:

- Telecom Industries
- Software Industries

Areas of Employment-

- Airline sectors
- IT Companies
- Power Generating Companies

Future scope after Diploma in Electronics and Communication Engineering

- After completing the Diploma (Electronics and Communication Engineering) course. One can continue doing their further study and go for a Postgraduate and Ph.D. It will enhance their language skills and provide more knowledge.
- Graduation can work in the government sector as well as the private sector

PG Diploma:

- If a student wants to continue in the same field of education, the second program of choice is a PGD.
- It is a two years duration course and the eligibility criteria include having a Diploma Degree in related disciplines.

PhD:

- If a student wants to continue in the same field of education, the second program of choice is a PhD.
- It is a three to five years duration course and the eligibility criteria include having a Diploma Degree in related disciplines.

Electrical and Electronics Engineering.

- Diploma in Electrical & Electronics Engineering is a Diploma level course.
- Electrical engineering is a field of engineering that generally deals with the study and application of electricity, electronics and electromagnetism.
- The field first became an identifiable occupation in the late nineteenth century after the commercialization of the electric telegraph and electrical power supply.
- It now covers a range of subtopics including power, electronics, control systems, signal processing and telecommunications.
- There are equally good opportunities for jobs in the electrical engineering industry and higher education.

Diploma in Electrical & Electronics Engineering Eligibility

- Aspiring students should have completed 10th class or its equivalent examination with 35% in each of the subjects with Science and Mathematics.
- The student must have studied English as one of the subjects in Class X.

Diploma in Electrical & Electronics Engineering Colleges

- AANM and VVRSR Polytechnic, Krishna
- Government Polytechnic - Curchorem, South Goa
- Konark Institute Industrial Technology, Bhubaneswar
- Desh Bhagat University, Fatehgarh Sahib

Diploma in Electrical & Electronics Engineering Course Suitability

- Candidates should possess complex problem solving such as identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.
- They should have common knowledge about equipment maintenance like performing routine maintenance on equipment and determining when and what kind of maintenance is needed.
- They should also have strong decision-making skills; excellent communication skills; the ability to prioritise and plan work effectively and the ability to manage a budget.

How is Diploma in Electrical & Electronics Engineering Course Beneficial?

- The course is beneficial to equip them with adequate knowledge and skills in the field of electrical and electronics engineering to make them readily employable in industries. Engage them in research activities to become successful entrepreneurs.
- The course will prepare you to be a competent and a much sought-after technologist and give you the opportunities to participate in the creation of new and vital technologies which are antidotes to most problems in the future.
- Candidates improve their knowledge and skill by pursuing higher studies in the field of advanced technology and meet the needs of society.
- Candidates can be absorbed as Trainees in reputed Public Sector/Private Sector companies. They have openings in the software industry as design engineers as they have adequate knowledge of CAD.
- They also find openings as power control engineers. They are offered specialized training in power control by industries such as BEL, BHEL, CPRI, KPTCL, etc.

Diploma in Electrical & Electronics Engineering Employment Areas

Colleges & Universities

- Mentor Graphics - Bangalore
- Technomentis Edu Services - Noida
- Air India Engineering Services Limited (AIESL)
- Geniploma in Automobile Engineering is a full-time certificate program of duration 3 years. It is a diploma level Automobile engineering course which is the sub-branch of Mechanical Engineering.
- Candidates for the Diploma in Automobile Engineering course must have completed class 10th with a minimum of 60% marks and mathematics and science as key subjects of study from a recognised board.

- Admission to the Diploma in Automobile Engineering programme is granted on the basis of merit or an entrance test. The majority of colleges pick students by counselling based on their 10+2 test results. However, some of the reputed colleges conduct entrance exams for the admission process.
- See more: Diploma in Automobile Engineering Colleges in India
- The subjects of the course include mechanical engineering, software engineering, safety engineering as applied to the design, electronic engineering, manufacture and operation of automobiles, and their respective subsystems.
- The candidates can secure jobs as Automobile Engineer, Product Engineer, Design Engineer and so on.
- LATEST APPLICATION FORMS 2021et Engineering Pvt Ltd - Kochi
- Bharat Heavy Electricals Limited (BHEL)

Diploma in Electrical & Electronics Engineering Job Types

1. Assist. Engineer
2. Technical Assistant
3. Project Assistant Civil
4. Artist/Editor/Research Assistant
5. Lecturer/Professor
6. Assistant Manager CHP
7. Design Assistant

6) Diploma in Automobile Engineering

Highlights for Diploma in Automobile Engineering are given in the table below:

Course Level	Diploma
Duration	3 years
Examination Type	Semester-Type
Eligibility	Class 10th with 60%
Admission Process	Merit or Entrance Based
Top Recruiting Organizations	TATA Motors, JBM Auto, TVS Motor Company, Vehicle Service chains, Mahindra and Mahindra, Yamaha Motor, Hero Motocorp, Bajaj Auto
Average Course Fee	INR 20,000 to 2,00,000
Average Starting Salary	INR 2.4 LPA
Job Positions	Automobile Engineer, Designer (CAD), Material specialist, Technician, Inspection and Quality Control professional

- It is a full-time certificate program of duration 3 years.
- It is a diploma level Automobile engineering course which is the sub-branch of Mechanical Engineering.
- Candidates for the Diploma in Automobile Engineering course must have completed class 10th with a minimum of 60% marks and mathematics and science as key subjects of study from a recognised board.

- Admission to the Diploma in Automobile Engineering programme is granted on the basis of merit or an entrance test.
- The majority of colleges pick students by counselling based on their 10+2 test results. However, some of the reputed colleges conduct entrance exams for the admission process.
- The subjects of the course include mechanical engineering, software engineering, safety engineering as applied to the design, electronic engineering, manufacture and operation of automobiles, and their respective subsystems.
- The candidates can secure jobs as Automobile Engineer, Product Engineer, Design Engineer and so on.
- Diploma in Automobile Engineering: Course Highlights
- Highlights for Diploma in Automobile Engineering are given in the table below:

Diploma in Automobile Engineering: Admission Process

- Aspiring candidates interested in studying Diploma in Automobile Engineering must apply at the respective institute by filling the application form and completing the admission process for admission.
- Admission to the Diploma course in Automobile Engineering is either merit-based or entrance-based.
- Most of the institutes in India accept admission in Diploma in Automobile Engineering on merit basis followed by counselling.
- However, some of the renowned institutes may conduct their own entrance examination for admissions.
- The major entrance exams considered for the admission include JET, GVSAT, GLAET, etc.
- Candidates can apply for this course via the college's official website or receive an application form directly from the college admission office.
- Diploma in Automobile Engineering: Eligibility Criteria

The basic eligibility criteria to apply for Diploma in Automobile Engineering is given below:

- Applicants must have passed Class 10th examination from a recognized board.
- Candidates must have studied Science and English in qualifying examination with Mathematics as one of the subjects.
- Minimum percentage required for admission is 60% in Class 10th board.

Diploma in Automobile Engineering: How to Prepare for Entrance Exams?

The suggestions mentioned below must be followed by students preparing for admission through entrance examination:

- It is important to look after your wellbeing. Consume less oily foods and more antioxidant-rich foods. Stay hydrated on a daily basis.
- Make a schedule on how you want to divide your time between school and engineering exams. This will give you a better picture of what to research and when. It's also a good idea to figure out how many hours or days you'll devote to each subject, based on its difficulty level and your own strengths and weaknesses.

- It is recommended that you only read the books that are needed for the entrance exams.
- There are many formulas, equations, and terminologies in physics, chemistry, and mathematics. The easiest way to remember them is to learn them on a regular basis.
- Solve the sample papers provided by your coaching institutes or refer to previous year's entrance exam question papers.
- Rather than memorising terms, study to understand them. When you understand concepts clearly, you can easily answer any query, and the information stays with you forever.

Diploma in Automobile Engineering: How to Get Admissions in a Good College?

Securing admission in a college is not a tough job but admitting oneself to a top college with multiple entrance tests and selection processes, is really difficult, Here's a guide to admission in a good college:

- Students must concentrate on high school academics in order to achieve good grades.
- To improve your skills and your chances of getting into a good college, take as many extracurricular subjects as you can.
- Develop your attitude and body language by working on your personality.
- Keep track of all deadlines and dates. Exam submission deadlines, exam times, and other information is updated and published in all major newspapers. It is important to keep track of all such developments.
- Personal interviews will put your talents to the test, regardless of your grades.

Diploma in Automobile Engineering: What is it about?

- Automobile engineering is a branch of engineering that combines elements of mechanical, electrical, electronic, software, and safety engineering in the design, manufacture, and service of automobiles, buses, and trucks, as well as their subsystems.
- The course equips the students for a deeper understanding of the automobiles, designing, manufacturing, customer relationships, market analysis, also taking a comprehensive view of sales and management.
- Diploma in Automobile Engineering involves training in areas such as- automobile design, vehicle engineering, electrical and electronic systems used in vehicles, braking, material science, engines, fuels and lubricants etc.

Why Study Diploma in Automobile Engineering?

- Automobile engineering is an important career path. In every corner of the globe, there are millions of cars on highways, and car engineers are the people responsible for that.
- A career as an automobile engineer is for automobile enthusiasts. They must have a considerable understanding and interest in mechanics, electronics, and mathematics. Automotive engineers must be organized people capable of operating in a methodical manner.
- Automobile engineers receive a large salary as compared to any other type of engineers. When they begin gaining experience, they have a decent amount of job protection.

- The growth in automobile engineering is very strong, and the addition of more features to this area is at its height.
- India is on the brink of expansion in this sector and is considered to be one of the leading manufacturers of two and three wheelers in growth and production.

Duration	3 years	4 years
Focus Area	The Diploma course in Automobile engineering is designed to help students learn the basic knowledge and skills needed by an automobile industry professional.	The course provides knowledge and experience in developing innovative ideas and techniques, production methods, and architecture in the field of automobiles in order to create new product models and upgrade existing ones with cutting-edge technology.
Admission Criteria	Merit or Entrance Based	Merit or Entrance Based
Eligibility Criteria	Class 10th with 60%	10+2 or equivalent in physics chemistry and mathematics with 50-70% qualified CET scores
Average Course Fee	INR 20,000 to 2,00,000	INR 2-5 LPA
Job Options	Automobile Engineer, Designer (CAD), Material specialist, Technician, Inspection and Quality Control professional	Product Engineers, manufacturing engineer, development engineer, R&D executive, Managers and Deputy officers and directors, automobile dealers
Areas of Employment	Maruti Suzuki India Ltd., Mahindra & Mahindra Ltd., Tata Motors Ltd., Hero Moto Corp Ltd., Bajaj Auto Ltd.	Tata Motors, Mahindra & Mahindra, Daimler India Ltd, Honda, and Tata Consultancy Services
Average Placement Package	INR 2.4 LPA	INR 2-7 LPA

Diploma in Automobile Engineering: Job Profiles

- The world without vehicles is impossible and due to growth in the automobile sector, job opportunities are also growing. In terms of manufacturing, service stations, transport firms, security facilities, there are a number of opportunities. Automobile engineers are responsible for designing and manufacturing motorcycles, trucks, etc.
- Some of the well-known job profiles available in automobile engineering are mentioned in the table below:

Job Profile	Job Description	Average Annual Package
Automobile Engineer	The job responsibility is to design, manufacture and operate automobiles. It incorporates elements of mechanical, electrical, software and safety engineering as applied to design and manufacture buses, bikes, trucks, and other vehicles and machines.	INR 6,26,201
Design Engineer	Design engineers study, research, and create ideas for new products and systems. To improve productivity or enhance performance, they also change existing products or processes.	INR 3,71,560
Production Engineer	Responsible for implementing production processes and procedures, leading efficiency improvements through project-based initiatives, including the introduction of new products and the design of manufacturing cells to minimize waste, increase quality and safety, and reduce operating costs.	INR 2,98,665
Material specialist	Material specialists have a responsibility to test and ensure that raw materials have the desired characteristics. In order to track material reactions, the expert also controls the manufacturing process and advises production engineers on quality control.	INR 3,70,500
Technician	The repair and preventive maintenance of automotive machinery is the responsibility of an Automotive Technician. Duties include the success of emission tests, vehicle diagnostic testing, and replacement of worn parts.	INR 2,45,496
Inspection and Quality Control professional	For almost all manufactured goods, quality management inspectors check quality standards. To do their work, they depend on several instruments. Although others also use hand-held measuring instruments, such as calipers and alignment gauges, etc.	INR 2,59,877
Associate Manager	Associate Managers are responsible to ensure that retail stores work well with the store and corporate management. Job duties include maximization of revenue, scheduling of staff, enhancement of customer service, and organization of employees.	INR 5,83,950

Diploma in Automobile Engineering: Future Scope

One may study for a Bachelor's Degree (B.E./B.Tech.) in Automobile Engineering after completing the Diploma in Automobile engineering. A number of seats are reserved for holders of Diploma certificates in most Degree Engineering colleges.

- Diploma holders with good grades may make use of lateral entry and join B.E./B.Tech. Automobile engineering program's 2nd academic year (directly).

- After that, one may either go for an M.E./M.Tech. program or Ph.D. to further enhance their knowledge. Candidates can also opt for lectureship or for the post of professor in engineering colleges/universities. However,
- If you are interested in management programs, you may go for an [MBA](#) program!

Diploma in bio technology-

1. Biotechnology is a science-based on biology.
2. Every life form is based on DNA.
3. Biotechnology has many advantages in many areas.
4. For instance, in the medical field, we can select the vitamins and minerals in order to boost the nutritional value of plants.
5. Imagine a life where most of the foods we eat are filled with vitamins and minerals.
6. Biotechnology is everywhere; it helps us improve our lives and leads us to a healthier world.

Courses in Biotechnology

[B.Tech](#) degree in Biotechnology encompasses both the Biological Sciences as well as the Engineering aspect of Biotechnology. Its curriculum covers Life Sciences subjects such as Microbiology, Molecular Biology, Cell Biology, Genetics, etc., and Engineering subjects such as BioProcess Eng., BioChemical Eng., Thermodynamics, Mass Transfer, etc.

B.Sc degree in Biotechnology, on the other hand, focuses on the Biological aspect of the Biotechnology part. There will be few subjects related to Industrial Processes but the main focus will be on the Research and Development on the Biotechnology fields such as Biochemistry, Plant Biotechnology, Animal Biotechnology, Microbiology; just to name a few.

Eligibility:-

Candidates aspiring to pursue the course are required to meet the minimum eligibility criteria listed here.

- A minimum combined score of 50% (45% for SC/ST candidates) at both Higher Secondary and Senior Secondary levels.
- Physics, Biology and Chemistry as main subjects at 10+2 level with a minimum combined score of 60% in all three.

Admission Process:-

For admission to the course, eligible candidates need to qualify the entrance examination, conducted at any institutes, state and national levels. Some of the major entrance tests conducted in India for admission to the course is listed below.

AIIMS Biotechnology Entrance Test:-

- [JNU \(Jawaharlal Nehru University\) Combined Biotechnology Entrance Examination](#)
- [DU \(University of Delhi\) Biotechnology Entrance Examination](#)

List of institutions and labs for further studies

Universities/ Institutes

- IISc
- TIFR
- JNU
- DU
- IITs
- IISERs

Research Institutions

- NEERI
- CCMB
- NCL
- CSIR
- NCCS
- JNCASR

Scope of Biotechnology

- B.Tech students contemplating on pursuing a career in Biotechnology must be aware that this field is still developing in our country and therefore job opportunities and pay packages are yet to boom in comparison to IT or Management sectors.
- After the B.Tech degree, students can find jobs in Pharmaceutical companies, research labs or Academic Institutions. Some students may also shift to [MBA](#) and enter the world of Business, Finance and Banking since their engineering background helps them with skills to shine in these sectors as well.
- Also many students shift to IT/ Software development through their on- campus placements.
- Since this field is highly research-oriented, vast and diverse, it is highly recommended that students should pursue their graduate studies in Biotechnology followed by higher studies in the same field for better job openings.
- [B.Sc](#) students must pursue [M.Sc](#) after graduating in Biotechnology.
- The career path is mostly research-oriented moving on to specialized areas in the Biotech field. An M.Sc Degree-holder tends to find jobs in research labs as research assistants.
- It is highly recommended that one does their Biotech courses from a reputed institute in order to get good campus placements and good job opportunities.
- Many students may also move on to pursue PhD in Biotechnology or related fields as it opens up more avenues both in India and abroad.
- A PhD Degree gives one the ability to start his own research lab, become a professor or be a leader in a team of research scientists.
- So if it is your goal to create a niche in the field of Biotechnology then the best bet is to go for a PhD.
- This truly will give you the wings to improve the quality of people's lives through research.
- Since Biotechnology is still in its nascent stage in India, many students tend to get disillusioned due to the limited opportunities available to them.

- However, the last decade has witnessed a boom in this area since the Indian government has set up several research institutions of national repute, conducting research on Cancer Biology, Stem Cell, Genetic, Bio Medica, etc.

List of companies to join as a research assistant

Pharmaceuticals

- Biocon
- Cipla
- Glaxosmithkline
- Cadila Healthcare
- Reliance Life Sciences
- Ranbaxy
- Dr. Reddy's lab

Some of the major highlights of the course are tabulated below:

Course Level	Undergraduate
Duration	3 Years
Eligibility	10 th & 12 th from a recognized Board
Admission Process	Counseling after taking an entrance examination.
Examination Type	Semester System
Course Fee	INR 2 Lac to 3 Lacs
Average Starting Salary	INR 2.5 Lac to 8 Lacs
Top Recruiting Fields	Bio Industry, Government Hospitals, Research Labs, Content Writing (Medical), etc.

Aeronautical Diploma –

- Aeronautical Diploma is a **3-years diploma course divided into 6 semesters**.
- In this, student will learn and get knowledge about the planning, designing, and construction of an aircraft.
- This course comprises of theoretical session in classroom and practical sessions in labs.

Course & Duration:-

Aeronautical engineering is an emerging field of engineering study. The basic requirements for the course, that the students' must have a good command over the mathematics, physics and chemistry. The students' have a choice to choose the field [after 10+2 science](#) stream with good percentage.

There are three types of courses in India of aeronautical engineering.

1. ***Polytechnic diploma course with the duration of 3 years after 10 or 10+2 examination.***

2. **UG degree courses** leading to the **BE/B.Tech** with the duration of **4 years** after 10+2 examination.
3. **PG degree courses** leading to the **ME/M.Tech** with the duration of **2 years** after the completion of UG degree in engineering.
4. **Doctoral degree courses** leading to the **PhD** domain with the duration of **1-2 years** after the completion of PG degree in AE.

Admission Process:-

- Students need to appear in [JEE Main 2021](#) to get the admission into [engineering courses](#). For admission to PG engineering courses like M.Tech candidates have to appear in [GATE 2021](#) exam.
- All IITs and NITs conduct the engineering programme in aeronautical engineering. There are some other universities and colleges in India (Punjab, Tamil Nadu & Maharashtra) which offers the same programme.
- The student who had a [B.Tech](#) degree in [electrical engineering](#), [electronics engineering](#) or [mechanical engineering](#) can get the admission in [M.Tech](#) with aeronautical engineering.
- To get admission in M.Tech programme, it is mandatory for the candidates to qualify Graduate Aptitude Test in Engineering (GATE). Through this entrance test, students will be able to take admission in IITs or NITs regulating M.Tech in Aeronautical engineering

Some states and institutions/Universities also organize its own entrance exam to provide admissions.

The students are taught about the navigation system, control systems, communication & radar system, structural design, maintenance, quality check, testing launch, development and manufacturing of the aircraft and spacecraft.

Top aeronautical colleges in India are listed below

- Indian Institute of Technology, IIT Bombay
- Indian Institute of Technology, IIT Kharagpur
- Indian Institute of Technology, IIT Madras
- Indian Institute of Technology, IIT Kanpur

Specialization:-

The specializations of aeronautical engineering are as the following:

- *Electronic Systems*
- *Aerospace Propulsion*
- *Ground Vehicle Systems*
- *Aircraft Structures and Materials*
- *Structural Analysis*
- *Transportation Systems*
- *Aerodynamics and Fluid Dynamics*
- *Structural Design and Engineering*
- *Instrumentation And Communication*
- *Navigational Guidance and Control Systems*

Skills Required:-

- Team working and communication skills
- Ability to think creative
- Problem solving and analytical skills
- Time Management Skills
- Flexibility

Jobs & Career:-

- There are lots of companies which recruit the aeronautical engineers. The work fields of the aeronautical engineers are becoming the broader with the growing technology over the world.
- All government & private aviation organizations and aircraft & spacecraft manufacturing and testing units generally require the trained candidates.
- The career in aeronautical engineering is very reputed, respectfully and challenging and moreover, it is very good in order to the handsome paying job.
- After the completion of degree in aeronautical engineering you are eligible for not only in design & production of aircraft and spacecraft but also in turbine, high-speed trains (bullet trains), flying gadgets and turbine production & design.

Recruiters:-

Some of the reputed recruiters of aeronautical engineering are as the following:

- *HAL*
- *DRDO*
- *ISRO*
- *Air India*
- *Indian Airlines*
- *Helicopter Corporation of India*
- *DRDL*
- *NAL*
- *ADE*
- *Civil Aviation department*
- *Private air lines*
- *Flight clubs*

Salary:-

An aeronautical engineer earns the average salary in India between the **5lakh to 6 lakh per annum**. It has a great opportunity to work in the government sector. The salaries in the government sector are decided as per the pay scale for the particular post.

The aeronautical engineering has a wide scope of getting high salaries by merging their skill and innovative ideas on one field.

A good academician background also triggers to the career and salary.

It has a good scope of careers in Abroad also. You can get the initial package of **\$70000 to 100000 per annum** in abroad.

Diploma in Agriculture:-

What is Diploma in Agriculture?

- A diploma in agriculture is a course that is two years long.
- The course imparts knowledge about various forms of agriculture, livestock and crop management, agricultural extension, agricultural chemistry and so forth.
- The admission to this full-time agriculture science programme takes place based on both entrance examination and merit.
- To be eligible for the course, the candidate must be a 10th pass from a recognised board. Physics, Chemistry, Biology and Mathematics are compulsory subjects that a student must have in his or her 10th and 10+2.

Highlights - Diploma in Agriculture

Particulars	Values
Degree Name	Diploma in Agriculture
Degree Type	Diploma
Degree Duration	2 Years
Entrance Exams	<u>TS POLYCET</u> , <u>AP POLYCET</u> , <u>ICAR AIEEA</u>
Eligibility Criteria	10th from a recognised board
Admission process	Entrance/ Merit
Cutoff	-
Fees for the entire duration	Rs. 7000 to Rs. 200,000
Average Salary	Rs. 200,000 pa to Rs. 10,00,000 pa.
Job profiles	Agronomist, Agricultural Inspector, Agricultural, Agricultural Officer
Top recruiters	Agricultural Plantations, Government Agricultural Firms, Food Production Firms, Fertilizer Manufacturing firms, Government agricultural boards

Diploma in Agriculture Eligibility Criteria:-

- In order to pursue a diploma course in Agriculture, one must go through the eligibility criteria beforehand.
- A student who has finished a 10th with an aggregate of 50 per cent marks from a recognised board is eligible to opt for the course.
- However, some colleges also conduct common entrance exams to grant admission.

- In such cases, the eligibility criteria differ slightly. Students with a minimum of 35 per cent aggregate marks are also eligible to pursue the course.

Diploma in Agriculture Admission:-

- After a student has decided that they want to pursue a diploma course in Agriculture, the next is the admission process that is of utmost concern.
- Below we have mentioned the admission process for your ease:
 1. The primary step in the admission process is to thoroughly go through the eligibility criteria. If you meet the eligibility requirements, you can get admission to the colleges offering admission on a cut off basis.
 2. However, if the colleges that you desire offer admission on an examination basis, then you are required to register for the entrance examinations. A few important examinations to pursue a diploma in Agriculture are TS POLYCET, AP POLYCET, ICAR AIEEA.
 3. If you clear the examination and are shortlisted, you can get admission to the college that you desire.

Diploma in Agriculture Skills Required:-

In order to successfully complete a diploma in agriculture, it is necessary to possess some specific skills. Having a keen interest in the subject is one of them. Below we have listed a few skill requirements for pursuing a diploma in agriculture.

Adaptability	Time management and organisation
Interpersonal Skills	Versed with technology
Learning ability	Attention to detail

Scope of Diploma in Agriculture:-

- After completion of a diploma in agriculture, students can opt for further education. They can choose to pursue a PGD or a B.Sc. in Agriculture.
- Some of the other popular degree programmes in agriculture science are B.Tech. in Agriculture Engineering and B.Tech. in Agriculture Information Technology.
- Pursuing a diploma in agriculture offers a vast future scope to the students.
- They can work as Agricultural officer, Agricultural Engineer, Agricultural Inspector and positions alike.
- They earn good salaries and can find work opportunities in various fields.

Career options after Diploma in Agriculture:-

- Opting for a course like a diploma in Agriculture opens up a multitude of opportunities for the candidates.
- They can work in different agricultural sectors like pisciculture, horticulture and others.
- An individual can opt for a job profile as per their choice. Some of the prospective career options are Agronomist, Agriculture Inspector, and Agricultural Officer.
- When it is about finding career opportunities, a candidate after completing a diploma can work in both private as well as government sectors.
- It might be possible that he/she has to sit for various competitive exams to find an opportunity in the government sector but the door is open for them.

Benefits of studying a Diploma in Agriculture:-

- Agriculture contributes to a huge part of India's economy.
- There are several benefits for the students who pursue a diploma in Agriculture.
- Here are some of the perks of the course listed for you:
 1. Students can opt for further education. They can pursue PGD or Bachelors in the same field. This further increases the work opportunities for the candidates and can help them earn a much better amount of money.
 2. Pursuing a diploma in agriculture helps the students in earning a handsome salary. They get work opportunities in several sectors of agriculture like horticulture, agronomy, pisciculture and numerous others.
 3. Many reputed MNCs are always on the lookout for talented individuals to work with them. A diploma holder gets a chance to work with big MNCs like ITC and Britannia.

Diploma in Biomedical Science:-

What is Biomedical Sciences?

- Biomedical Sciences is a field of study focusing on how certain areas of biology and chemistry can apply to health care.
- This is a discipline with a very wide range, encompassing three general areas of speciality: bioengineering, physiological sciences, and life sciences.
- A career in Biomedical Sciences entails mostly research and laboratory work, all aiming for the improvement and advancement of medical knowledge.
- A broad discipline, Biomedical Sciences offer plenty of opportunities to aspirants to specialise in the subjects that interest them specifically, thereby streamlining their career path and opening up employment opportunities early on.
- Since this discipline involves studying and pursuing research in various fields of health care, professionals regularly make headlines with the advances they make in different fields.
- As a Biomedical Scientist, candidates will undertake work similar to finding new medicines to fight cancer, 3D-Printing a heart, and growing embryos for IVF.

Eligibility Criteria (UG & PG) of Biomedical Sciences:-

- Candidates who seek to get admission in B.Sc. Biomedical Sciences courses at any university must fulfil certain eligibility criteria to qualify for the university's merit list.
- While these criteria may vary in certain aspects from university to university, the basic common points include:
 - Students must have successfully passed their Higher Secondary Examination or any other equivalent examination from a recognised board,
 - Students must have studied Biology, Chemistry, and Physics as compulsory subjects in Class 12
 - Students must have scored at least 50% when averaged.
- At the postgraduate level, students who wish to continue studying Biomedical Sciences can pursue a Master's in the field, provided they fulfil the eligibility criteria. Some of the common criteria include:
 - Candidates must have completed their Bachelor's degree in Biomedical Sciences, or other branches such as Chemistry, Biochemistry, or Microbiology.
 - Candidates must have secured at least 55% marks during their graduation.

Scope of Biomedical Sciences in India and Abroad:-

- Biomedical Sciences is a highly sought after field of study, with plenty of career scope.
- Upon completing Bachelor studies in the field, students can utilise their talents and acquired skills to contribute to and perhaps even lead medical advances.
- Jobs in this field include management, research, laboratory work, consultancy and education.
- Both in India and abroad, there are enormous career prospects for Biomedical Science graduates.
- Pharmaceutical companies, government organisations, forensics departments, veterinary laboratories, and many other kinds of work options are made available to these aspirants to support their pursuit of science that can improve the health care system.

Careers in Biomedical Sciences:-

- There are endless career opportunities for students who aspire for a profession in Biomedical Sciences, in any field that interests them.
- Candidates can not only choose the specialisation that interests them but can also choose the type of work they are interested in doing; for instance, they can work in pharmaceutical companies such as Reddy's Lab, Cipla, Ranbaxy and numerous other companies.
- Others may work in research, forensics, veterinary laboratories, or government organisations.
- Upon the completion of a Master of Science in Biomedical Sciences, students usually are ready to pursue this field of Biomedical Sciences.
- However, some choose to continue their studies by pursuing a PhD. With a PhD they are eligible for even more prestigious and exciting job roles that enable them to earn up to Rs. 12 lakhs p.a. (Approx.).

Job Profiles:-

- The field of Biomedical Sciences offers a variety of job profiles for aspirants primarily related to research. Candidates can choose their field of interest, and pursue a highly rewarding and lucrative career in the pursuit of this field.
- Biomedical Science professionals often make headlines with scientific breakthroughs and advances that can transform medicine in different ways.

Job Profile	Responsibilities
Biomedical Scientist	A Biomedical Scientist is responsible for handling different biological samples, testing and screening lifestyle ailments, discovering and developing treatment aids such as medicines and drugs
Lecturer	A Lecturer is responsible for teaching and delivering lectures at the university level, guiding students in the related discipline to identify their strengths and interests and helping them understand how to harness and pursue them
Biomedical Engineer	A Biomedical Engineer is responsible for designing systems and products such as devices for replacing body parts, or those who help diagnose medical issues, and even ones who create artificial organs.

	They also handle the adjustment, installation, maintenance, and repair of biomedical equipment along with providing post-implant technical assistance for this equipment all of which fall under the purview of a Biomedical Engineer
<u>Pharmacist</u>	A Pharmacist is responsible for the dispensing and management of medicines and also taking care of the overall health of patients in the setting of dispensaries or pharmacies
Lab Manager	A Lab Manager is responsible for processing specimens, preparing experimental setup and equipment, maintaining and cleaning equipment and the lab
<u>Sales Engineer</u>	<p>A Sales Engineer collaborates with sales teams to understand and deliver customer requirements, along with promoting the sales of products of the company and enhancing company sales overall.</p> <p>They are also responsible for demonstrating trial installations of new equipment, creating sales for services or products via sales leads, planning and modifying product specifications to satisfy customer needs.</p>

Diploma in Printing Technology:-

Introduction:-

- Diploma (Printing Technology) or Diploma in Printing Technology is a 1 to a 2-year diploma for undergraduates.
- This course provides students with a platform for learning engineering which deals with printing press operations, design and creation.
- The eligibility criterion of a Diploma in Printing Technology is to qualify 10+2 with a recognized board from a recognized institute with a minimum of 50% aggregate marks.
- The admission process for the course is the entrance exam taken by colleges and universities.
- The entrance exams is JEE Main.
- The fee structure made by colleges and universities depends on the course offered by them.
- The job profiles are Teachers, professors, health administrator, clinical research manager, clinical manager, nursing home administrator, etc.

Diploma in Printing Technology: Course Highlights

Course Level	Diploma
Full-Form	Diploma in Printing Technology
Duration	3 years
Examination type	Merit-based/Entrance-Based
Eligibility	10+2 class-based examination
Admission Process	ENTRANCE Exams as per college/university chosen
Course Fee	INR 10,000-INR 1,50,000
Average Salary	3-5 Lakhs

Top Recruiting Companies	Publishing houses, Newspaper Companies, Advertising Companies, Digital Printing Companies
Job Positions	Publication Assistant, Printing supervisor, teacher, printing trainee engineer, printing officer

Do I qualify for a Diploma in Printing Technology eligibility Criteria?

- The eligibility criterion for the course is students have to clear 10+2 or equivalent with a minimum of 50% marks from a recognized board.
- 5% moderation for the reserved category students.
- Students must be from a recognized institute.
- No receptacle will be accepted. Students must have to clear the 12th standard.
- Students should have a science stream as a compulsion.
- What is the Diploma in Printing Technology Admission Process
- Admissions in Diploma courses are also done through both merit and entrance exams.

Direct Admission:-

- Every college and university conducts entrance exams for enrolling students. They release an online form for different exams.
- The online form has to be filed on time with the fees if any.
- Cut off list will be out by colleges and universities.
- Colleges and universities will announce a proper date for the documentation.
- The main role during admission is document verifications. It consists of your mark sheet, passport size photographs, and provisional certificate, etc.

Entrance Exam Based Admission:-

- Every college and university conducts entrance exams for enrolling students. They release an online form for different exams.
- The online form has to be filed on time with the fees if any.
- Colleges and universities released their admit card.
- A specific date will be released by the college and university.
- The result will be declared after that.
- Documents are verified on a particular date and the date will be given by colleges and universities. Submit your fees during the process.
- The main role during admission is document verifications. It consists of your mark sheet, passport size photographs, and provisional certificate, etc.
- JEE Main – Joint Entrance Exam

Diploma in Printing Technology: Course Advantages:-

- Diploma (Printing Technology) or Diploma in Printing Technology is a 1 to a 2-year diploma for undergraduates.
- The Diploma in Printing Technology helps students inculcate really strong analytical skills as a lot of attention to detail, accuracy and calculative mindset is required for the subjects to study.

- The Diploma in Printing Technology Course has huge scope due to the advent of technology and there is a high demand for graduates of this field.
- If one has decent knowledge in roles related to printing and news media and wants to enhance their practical skills in project management, design, technical aspects along with managerial responsibilities and duties, this field is very well-suited for them.

Future scope after Diploma in Printing Technology:-

- After completing the Diploma (Printing Technology) course. One can continue doing their further study and go for a Postgraduate and Ph.D. It will enhance their language skills and provide more knowledge. Graduation can work in the government sector as well as the private sector.
- PG Diploma/MBA: If a student wants to continue in the same field of education, the second program of choice is a PGDM. It is a two years duration course and the eligibility criteria include having a Diploma Degree in related disciplines.
- See Also Top PGDM/MBA Colleges in India
- PhD: If candidates want to go into the teaching profession they can pursue PhD after post-graduation.
- It is a three to five years duration course and the eligibility criteria include having a Diploma Degree in related disciplines.

Diploma in fashion designing:-

Introduction:-

- Diploma in fashion designing is a one year diploma level professional course. The course helps the candidates strategize and render services in the fashion and lifestyle industry, through practical and hands on experience.
- Candidates who have passed 10+2 from a recognized board are eligible to apply. Admission to the fashion designing courses are done on the basis of merit list created from the qualifying examination such as 12th or equivalent examination.
- The top colleges offering Diploma in Fashion Design are NIFT Bengaluru, Pearl Academy, New Delhi, Madras Institute of Fashion Technology, Chennai, Lovely Professional University Punjab, International Institute of Fashion Design, (INIFD-Vashi), Navi Mumbai, etc.
- The Diploma in Fashion Designing syllabus includes the following subjects such as Introduction to Fashion Design, History of Fashion Design, Principles of Fashion Design, etc.

Diploma in Fashion Designing: Course Highlights:-

Course Level	Diploma level
Duration	1 year
Examination Type	Semester and Annual
Eligibility	10+2 passed
Admission Process	Academic Meri/ written test and personal interview.
Average Course Fee	INR 1,00,000 (approx)

Average Initial Salary	INR 18,000-INR 35,000 per month
Top Recruiters	Marks & Spencer, H&M, Satya Pau, made in my India.com,Levis, Reebok, Calvin Klein, antraDesi, lifestyle, Pankaj & Nidhi, Arvind Textile etc.
Job Positions	Fashion illustrator, Fashion Forecaster, Quality Assurance Manager, Fashion lawyer, Freelancer, Fashion columnist, Fashion Designer, Production Pattern Maker, Textile designer, Fashion entrepreneur,Fashion coordinator and stylist etc.

Diploma in Fashion Designing: Course Advantages:-

- Diploma in Fashion Design is an excellent course for those students who want to learn the skills of fashion designing and fulfill the dream of becoming a fashion designer in a very less amount of time.
- Below are some points listed which will tell you about Diploma in Fashion Design in detail.
- A diploma in Fashion Design is a course for those students who want to convert their innovative ideas into reality.
- This compact course focuses on fashion-industry-based training.
- The duration of this course is 1 year or it can also be less than that.
- A diploma in Fashion Designing lets students know about technicalities, develops their creativity and innovation.
- They also do a lot of research work and learn to do marketing.
- Through Diploma in Fashion Design students learn about the latest fashion trends in India and the world.
- They get to know the detailed knowledge of the subject in a short span of time.

Diploma in Fashion Designing Admission Process:-

- The Diploma in Fashion Designing admission is done on the basis of merit list.
- The candidates are solely judged on the basis of their marks obtained in the 10+2 or equivalent level.
- The overall admission process and the eligibility criteria has been discussed below

Diploma in Fashion Designing Eligibility Criteria:-

- For taking admission into a college offering the course Diploma in Fashion Design, candidates will have to fulfill the eligibility criteria: There are different eligibility criteria for different colleges offering Diploma in Fashion Design.
- The eligibility criteria listed below must be fulfilled before applying for a Diploma in Fashion Technology.
- Candidates must have passed a 10+2 or equivalent examination from a recognized board of education.
- If the admission process is academic merit in the college of the candidate's choice then he/she will have to satisfy the criteria of the minimum aggregate percentage that has to be achieved in order to get admission.

Diploma in Fashion Designing Future Scope:-

- The future scope of a Diploma in Fashion Design is wonderful as this field is progressing and is popular among students. The need for fashion designers is increasing as people are getting aware of fashion trends. Students can either join a company to work with after completing a Diploma in Fashion Design or can start their own business.
- They can also opt for higher studies. The demand for fashion designers is increasing not only in India but also in foreign countries where a decent salary is offered.
- Students after doing a Diploma in Fashion Design can start their own brand and get recognition all over the world. They can also work as celebrity stylists and get paid a handsome amount. Students can work under many famous fashion designers and can learn from them.
- **B.Des in Fashion Design:** BDes in fashion design that the candidate can do after completion of the Diploma in Fashion Designing course. The duration of the BDes in Fashion Design course is for a period of 4 years. The admission to this course is done mainly through the entrance examination such as UCEED, AIEED, NIFT Entrance Examination, etc.
- **BSc Fashion Design:** It is a 3 years course that the candidates can pursue after the completion of the diploma course. BSc Fashion design admission can be done from top institutes such as Narsee Monjee Institute of Management Studies, [NMIMS] Mumbai, SRM University, Sharda University, etc. The average fees of the course ranges between INR 1-2 lacs. The admission to this course is done mainly through entrance such as CEED, MIT Entrance, USED, etc.

Diploma in Fine Arts:-

Introduction:-

- Diploma in Fine Arts is a certificate level course in the domain of Arts and its related areas.
- The course is pursued by candidates after completing their 10+2 education. Some institute also offers these courses to 10th pass candidates based on their performance in the class 10th board examination.
- The variation in the fee is based on the location and type of university that is private/deemed or government.
- Admission to the course is mainly done on merit basis that is a percentage of marks obtained by the candidate in class 12th board examinations.
- Colleges offering the course demand a minimum of 50% marks (Relaxable for reserved category candidates) at 10+2 level in order to accord admissions in the course.
- The course is an entry-level certification in the domain of Fine arts.
- Students are equipped with basic knowledge and skill in relation to the subject.
- Students can enhance their skill and knowledge set in the respective domain by going for Bachelor's and Master's level course in the long run.
- The course mainly aims at providing practical level skills in the subject to the students along with the theoretical understanding of the same.

- Diplomas in Fine arts pass out student can look for a variety of options in terms of his/her career.
- He/she can opt for a career in the domain of graphic designing, flash animation, teaching, Art officer, archeology etc.
- However, most of the students prefer to go for a higher degree in the discipline before entering the job market.

Diploma in Fine Arts: Course Highlights:-

Course Level	Diploma/Certification
Duration of the Course	1 year
Examination Type	Semester/Final exams at the end of year
Eligibility	10+2 pass out students with a minimum of 50% in class 12 th board examination from any recognized board.
Admission Process	Merit Based/ Entrance exam based (May also look at graduation percentage)
Course Fee	Between INR 10,000 and 1,00,000
Average Starting Salary	INR 10,000 to 15,000
Top Recruiting Companies	graphic designing, flash animation, teaching, Art officer, archeology
Job Positions	Graphic Designer, Art Teacher, Flash animator, Art liaison officer

Diploma in Fine Arts: What is it about?

- Fine arts are a wider domain which includes both visual and performing arts.
- Art has been an inevitable part of Indian culture right from the very beginning.
- The diploma course in fine arts is aimed at teaching the basic nuisances of fine arts to the students that are related to both visual and performing arts.
- Students are taught about the origin, development and practical aspects of various visual forms of arts like painting, architecture, miniatures, motifs etc.
- While in regards to performing arts they are taught about nature, cause, origin, and performing a style of various pieces of performing arts such as dance, music, plays, and traditional martial arts.
- Thus, the course aims at providing a comprehensive outlook of the subject to the students so that they can withstand the demand of application in the job market as well as they should be able to build on this knowledge base at the higher level of study in the respective domain.

Diploma in Fine Arts: Eligibility:-

- Candidate must have passed the 10+2 or equivalent examination from a recognized state or central board with at least 50% (40% to 45% for reserved category candidates) of the marks.
- He/She shall not be having any backlog or compartment in any of the subject/Subjects at class 12th or equivalent level that is yet to be cleared at the time of taking admissions.
- Apart from the above-mentioned eligibility criteria's various colleges/institutes may have their own additional criteria's which the students would have to satisfy in order to take admission.

- In case of reserved category students, they would have to present their reservation certificates issued by the competent authorities in order to avail the benefits applicable for them.
- Certain Institute gives admissions through Common Entrance Test (CET).
- To get admission in these institutes candidates would have to qualify the respective entrance exam by securing minimum qualifying marks.

Diploma in Fine Arts: Admission Process:-

- Diploma in Fine Arts admissions is based mostly on a merit for a selection with a select few institutes/colleges going for CET based admissions.
- Some Institutes/Colleges conduct a common entrance test for admission to the course hence students would have to make an application for such exams.
- Students have to qualify these exams (for which they should be eligible to appear) in order to get admission in the course.
- After the conduct of the test, a merit list of finally qualified candidates is prepared and candidates are invited for admission process by the respective institute or college.
- After final allotment of seats to the candidate takes the candidates are asked to deposit the fee for the course and register for the respective academic year.

Diploma in Journalism and Mass Communication:-

Introduction:-

- Diploma in Journalism and Mass Communication is a 1-year long course that involves the conduct of Advertising, Political Campaigning, Journalism processes with the use of radio, social media and television and so on.
- Journalism is the activity of gathering, creating, evaluating, and presenting information in the form of news and articles.
- To be an eligible candidate for Diploma in Journalism and Mass Communication, the aspirants must have scored a minimum of 50% marks at the 10+2 level and must have studied English as a subject and possess speaking and writing skills.
- Admissions to Diploma in Journalism and Mass Communication are offered mostly on the basis of candidate's merit in 10+2 or equivalent.
- Some institutes conduct particular entrance exams that are required to be qualified in order to be eligible for this course.
- Some of the well-known and reputed institutes across the country providing Diploma in Journalism and Mass Communication include Xavier Institute of Communications Mumbai, Mahatma Gandhi University Meghalaya, Madras Christian College Chennai and so on.
- Some of the major topics covered under this curriculum include that of Radio and Television Journalism, Reporting, Editing, Emerging Social Media etc.
- Being a job-oriented course, Diploma in Journalism and Mass Communication provides you with a wide range of opportunities.
- At the successful completion of the course, such students may find ample employment opportunities as Content Writer, Journalist, Social Media Executive, Translator etc.

- The most common employment areas hiring such candidates are News Agencies, Broadcasting Companies, All India Radio, Photography Studios, Advertising Agencies, TV and Newspapers etc.

Diploma in Journalism and Mass Communication Course Highlights:-

Course Level	Diploma
Full-Form	Diploma in Journalism and Mass Communication
Duration	1 Year
Examination Type	Semester/ Annual
Eligibility	10+2with 50% aggregate marks.
Admission Process	Merit or Entrance based
Average Course Fee	INR 14,000 - INR 80,000
Average Salary	INR 1 LPA - INR 6 LPA
Job Positions	Content Writer, Journalist, Social Media Executive, Translator, Columnists, TV News Reporter, Feature Writer, Web Content Writer, Special Correspondent, Radio Jockey etc
Employment Areas	News Agencies, Broadcasting Companies, All India Radio, Photography Studios, Advertising Agencies, TV and Newspapers, Communications Industries etc

What is the Diploma in Journalism and Mass Communication Admission Process?

- Admissions to the Diploma in Journalism and Mass Communication are mostly merit based. However, the common admission criteria followed by most of the institutes is as follows:
 1. Students may sign up for the course either online or in person.
 2. Only the official websites of the colleges offering the course will provide students with all relevant information about admission dates, shortlisted applicants, the course prospectus, and so on.
 3. Candidates must also appear for entrance tests, if any, conducted by the institute and qualify the same with relevant scores.
 4. The institutes will publish merit lists and candidates shortlisted will be required to appear for counselling or document verification round on the date and venue set by the institute.
 5. In order to take advantage of the benefits at the time of admission, reserved category students must have the reserved certificates as required documents properly signed by the concerned authority.

Diploma in Journalism and Mass Communication: Eligibility Criteria:-

- The following are the eligibility requirements that must be fulfilled for a Diploma in Journalism and Mass Communication:
- Aspirants must have secured a minimum of 50% aggregate marks in 10+2 or equivalent from recognized institute or board.
- Candidates should have studied English as a subject in 10+2 or equivalent examinations.
- Students must have excellent communication, listening, and writing skills.
- At the time of admission, the applicant must not have any prior backlogs in any of the subjects taught at the 10+2 level.

Diploma in Journalism and Mass Communication: What is it About?

- The following is a brief overview of the Diploma in Journalism and Mass Communication course to give students an idea of what the subject entails:
- The Diploma in Journalism and Mass Communication is a one-year programme that teaches students how to conduct advertising, political campaigning, and journalism processes through the use of radio, social media, and television.
- Journalism is the activity of gathering, creating, evaluating, and presenting information in the form of news and articles. However, mass communication refers to the process of disseminating and exchanging information to large segments of the population via mass media.
- Students who have a keen interest and passion for writing are considered the most suitable students for such courses. This course helps the students to gain a piece of in-depth knowledge about the media and nuances of journalism.
- It is clear that in recent years, the media has become an integral part of the nation in all possible ways, including newspapers, radio, televisions, and so on.
- The aspiring students must possess good communication skills, interpersonal skills and even creative skills which might help them in pursuing this particular course.

Diploma in Journalism and Mass Communication: Course Advantages:-

- Students have become interested in this field for a variety of reasons in recent years. The following are some of the course's benefits:
- In recent years, the course has proven to be competent enough to improve the level of service sector industries and manufacturing companies.
- After successfully completing the course, these students may find lucrative employment opportunities as Content Writers, Journalists, Social Media Executives, Translators, and many other positions in this field.
- The average starting salary for these professionals is INR 1 LPA, which may increase with experience and expertise.
- This is an excellent course for students who want to learn about the media and the nuances of journalism, and it includes a variety of dimensions such as writing, public relations, writing, advertising, and so on.
- One can even go for higher studies in the same field to gain more knowledge and experience about the same.

Diploma in Journalism and Mass Communication: Future Scope:-

- At the successful completion of the course, Diploma in Journalism and Mass Communication graduates are open to several worthy opportunities as far as their careers are concerned. Certain future prospects of this course are as follows:
- Candidates can start working in public or corporate sectors at various designated positions.
- Candidates can pursue BA Journalism and Mass Communication at bachelor's level and MA Journalism and Mass Communication at master's level.
- Candidates can also go for a doctorate degree, i.e, PhD Journalism and Mass Communication.