

2. DIPLOMA IN AIRPORT MANAGEMENT

"The desire to fly is an idea handed down to us by our ancestors who looked enviously on the birds soaring freely through space on the infinite highway of the air."
- Wilbur Wright

Diploma in Aviation is a full-time diploma course the duration for which ranges from months to a year. The minimum eligibility for which is 10+2 or equivalent from a recognized school board. The 1-year program has 16 different subjects that a candidate has to pursue in his period of study. The course equips the students with the skills, knowledge and professionalism required in the Aviation industry.

Some of the colleges or institutes that provide admission in the Diploma in Aviation course are named below:

- Vasundhara Aviation Academy, VAA, Bhopal
- Trade Wings Institution of Management- TIM, Mumbai
- Trade Wings Institution of Management- TIM, Kolkata
- Institute of Logistics and Aviation Management (ILAM), Indiranagar, Bangalore



3. DIPLOMA IN GROUND STAFF AND CABIN CREW TRAINING



Diploma in Airport Ground Staff Training is a Diploma course in Civil Aviation. The Diploma course focuses on some of the areas such as staff working in airport information desk, tickets and fare counters, baggage handling, and other related work schedules at the airport. The course teaches personality

development and soft skills. During Diploma course, students obtain industry experience while at airport internship.

Some of the colleges or institutes that provide admission in the Diploma in Aviation course are named below

- Diploma in Airport Ground Staff Training Colleges AHR Aviation Academy, Ernakulam
- Master Aviation Academy, Vijayawada
- Flying Queen Air Hostess, New Delhi

DIPLOMA IN AVIATION HOSPITALITY

Diploma in Aviation Hospitality and Travel Management is a 1-year full-time diploma course. Diploma in Aviation Hospitality and Travel Management course helps students to learn, maintain, and certify flight worthiness of flight instruments. This course focuses on developing talented aviation professional trained in new technologies and business management skills. In this course, students study structured technologies as per the requirement of Aviation Industry.

Some of the colleges or institutes that provide admission in the Diploma in Aviation Hospitality are named below

- Blue Sky Academy of Aviation and Hospitality Management, New Delhi
- PTC Aviation Academy, Chennai
- Frankfinn Institute of Air Hostess Training, Kolkata
- Frankfinn Institute of Air Hostess Training, Bangalore
- Sri Sanskar School, Noida
- In the Diploma in Aviation Hospitality and Travel



5. DIPLOMA IN AIRFARE AND TICKETING MANAGEMENT

"Adventure upon all the tickets in the lottery, and you lose for certain; and the greater the number of your tickets the nearer your approach to this certainty."
- Adam Smith

Airline Ticketing is a process of obtaining a document by an airline or a travel agency confirming that an individual has purchased a seat on an aircraft. The duration of the course is 4 months and 2 months on the job training. The course highlights many airline ticketing concepts such as travel agency management, ticketing, boarding, ticketing process, etc. on. The candidates can find abundant opportunities in civil aviation sector both in government and private.

Some of the colleges or institutes that provide admission in Diploma Airfare and Ticketing Management:

- School of Airlines and Travel Management - SATM Kochi
- Airwings Airlines Academy Udaipur
- International Academy, Trichy
- Amity Institute of Vocational and Industrial Training – AIVIT, Noida

6. AME (AIRCRAFT MAINTENANCE ENGINEERING)

Aircraft Maintenance Engineer may make repairs, troubleshoot problem, conduct inspections and make upgrades to aircrafts. The duty of an Aircraft Maintenance Engineer is to check the aircraft properly and sign the Certificate before flight takes off. Aircraft Maintenance Engineers have bright future as they have immense job opportunities.

There are two Aircraft Maintenance Engineering course duration which are as follows:

A Program: The duration of Aircraft Maintenance Engineering course is 1-year academic program and the other 1 year there will be training with live environment in Airlines, etc. At the time of training, student will get the stipend. After completing the course, student can apply for the license. The license is issued by DGCA, Govt. of India.

Program: The duration of Aircraft Maintenance Engineering Course is of 4 years which includes 2-year academic program and 2 years practical training. The academic knowledge will be gathered at DGCA approved AME institute and live training will be held in flying environment such as Airlines, MRO, etc. At the time of training, student will get the stipend. After clearing the modules and practical training license will be issued by DGCA. The licensed AME can work in private or government sector in India and Abroad.



Some of the colleges or institutes that provide AME (Aircraft Maintenance Engineering)

- Hindustan College of Engineering Technology (HIET), Chennai.
- Southern College of Engineering and Technology, Chalakudy
- Pune Institute of Aviation Technology, Pune.
- Hindustan Academy of Aircraft Maintenance Engineers, Lucknow.
- Indian College of Aeronautics, New Delhi

Short Duration Computer Courses after 10th/12th

1. Graphics Designing course

*"Design is intelligence made visible."
-Alina Wheeler*



Computer graphics courses are available through certificate programs and associate's, bachelor's, and master's degree programs in computer graphics and computer animation; however, one normally needs at least a bachelor's degree to work in the field. These programs not only teach students to work with computer graphics but may also provide instruction in website design, digital video production, photography, and application programming.

Common topics in graphics courses include the following:

- Photo editing with Adobe Photoshop
- Advanced desktop publishing design
- Creating and editing images in Adobe Illustrator
- Image effects and graphic enhancements
- Object-oriented programming with Java
- Algebra and advanced mathematics

2. CADD (Computer Aided Design and Drawing)

*"Always design a thing by considering it in its next larger context- a chair in the room, a room in a house, a house in an environment, an environment in a city"
- Eliel Saarrinen*

Computer Aided Design (CAD) is the most powerful tool in design and manufacturing industries with its reliability, flexibility, efficient and cost effectiveness. With the CAD one can easily visualize and see the final product at the design stage itself with the aid of computer.

The course gives knowledge and skills to engineers involved in CAD packages and for those who want to provide training to others in this area. It gives exposure and on hand experience in the field of CAD, Part modelling, Assembly Modelling and Detailing.



The participants will be able to:

- Understand the concepts of CAD and CAD tools
- Design and create Part Models and Assembly Models
- Understand concepts 3D Modelling: Concepts, Wireframe, Surface, and Solid Modelling
- Create Engineering Drawings by using Part and Assembly models
- Share the data with other CAD Packages

3. Digital Marketing

"Advertising brings in the customers, but it is your job to keep them buying from you"
- Chet Holmes

Digital Marketing is the selling and marketing of products and services through the internet and Digital Media. It is a very broad subject and can be said as an umbrella term.

Technically, it incorporates aspects such as:

- Search Engine Marketing
- E Mail Marketing
- Social Media Marketing
- SMS Marketing
- Mobile Marketing
- Search Engine Optimization
- Web Designing
- Content Marketing
- Data Analytics
- A/B Testing
- PR and Branding



4. Hardware Engineering or a technician course

*"The computer was born to solve problems that did not exist before."
— Bill Gates*

This course is an introduction to the fundamentals of computer and electrical engineering. Students will become familiar with the basic concepts of circuits, systems and their applications. They will also analyse the tools necessary for creating electrical devices. Some of the concepts covered in computer hardware engineering course are:

- Electrical engineering fundamentals
- Circuitry and Ohm's Law
- Sequential and combinational logic
- Control systems
- Computer programming

5. Web Development and Design

"Web design is not just about creating pretty layouts. It's about understanding the marketing challenge behind your business."

— Mohamed Saad



Web Design requires designers to create graphics, typography as well as images which are used only on the World Wide Web. While creating any design, web designers need to

maintain balance between creating a good design as well as the speed and efficiency for the webpage/ website. Web Design is a specialisation of the design stream.
The different areas in which a web designer can work include web graphic design, interface design, authoring, user experience design and the likes.

Web designers use many tools in order to perform the tasks allotted to them. Web Designers are known to use both vector as well as raster graphics to create their design prototypes. They also use HTML, CSS, WYSIWYG editing software, mark up validators etc., to create design elements

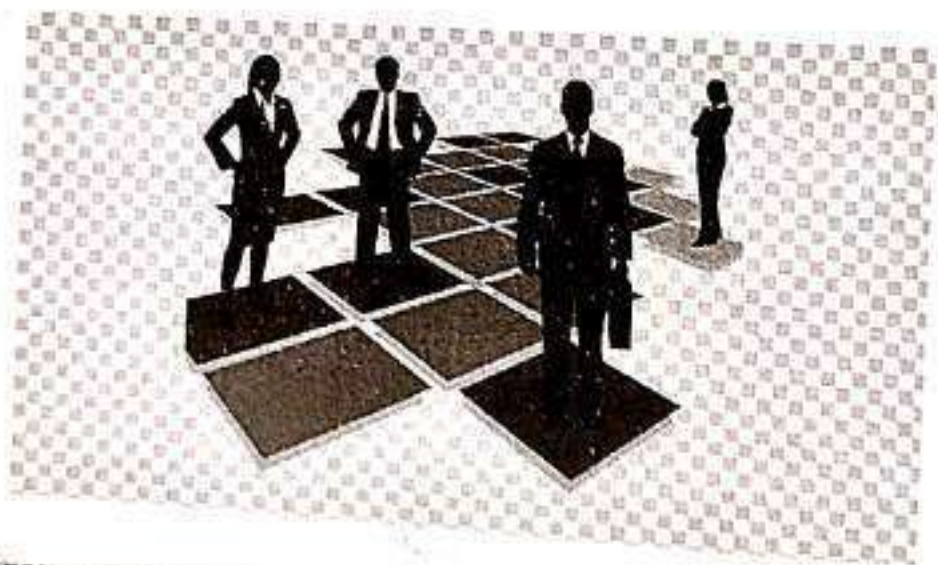
Management courses

1. BBA (Bachelor of Business Administration)

*"Business has only two functions - marketing and innovation."
- Peter Drucker*

Bachelor of Business Administration is a 3-year professional course, opening a plethora of opportunities in sectors like marketing, finance, sales, and alike. BBA degree allows candidates to enter into the field of management that are necessary for effective business management. The course is designed in a way to train students effectively in management education and communication skills which further inculcates entrepreneurship skills. It also gives you a platform for pursuing courses like MBA.

The course methodology involves training through practical experience in the form of case studies, projects, presentations, industrial visits and interaction with experts from the industry. Hence, BBA graduates get direct entry into the corporate world giving an edge over other graduates.



Some of the BBA entrance tests are:

- **IPU-CET:** Indraprastha University Common Entrance Test is conducted in the month of May for admission to colleges of Indraprastha University.
- **SET:** Symbiosis Entrance Test is conducted in the month of May for admission to colleges of Symbiosis University.

NPAT BBA: National Test for Programs After Twelfth Test will be conducted on May 11, 2020 and May 12, 2020 for admission to Narsee Monjee Institute of Management Studies.

AIMA UGAT: AIMA Under Graduate Aptitude Test is a National Level exam that will be conducted on May 9, 2020 for admission to various colleges.

Some of the prominent institutions for BBA are:

- Christ University, Bangalore
- Presidency College, Bangalore
- SCMS Pune - Symbiosis Centre for Management Studies



BMS (Bachelor of Management Studies)

"Good management consists in showing average people how to do the work of superior people"

- John D. Rockefeller

Bachelor of Management Studies is a 3-year undergraduate course, involving an advanced study of the management practices used in business/corporate firms, as also basic concepts in human resource education, such as employee retention, labour relations, and similar problem solving.

The course has been designed to offer students with wide range of specialization in managerial skills, and training in management efficiency and productivity-evaluation of employees.

Successful graduates who are interested in pursuing further studies in this discipline go for higher courses like Master of Management Studies (M.M.S), Master of Business Administration (M.B.A), and further research in the subject.

Some such entrance tests conducted by some of the top institutes of the country are as follows:

- DU JAT (Delhi University Joint Admission Test)
- IPMAT (IIM Indore Integrated Program in Management Apt.)
- ST. Xavier's Entrance Exam
- NPAT (National Test for programs after 12th)
- UGAT-AIMA (Under Graduate Admission Test - AIMA)
- BUMAT (Bharati Vidyapeeth Deemed University Management Test)
- GOT (Gitam Online Test).

Some of the prominent institutions for BMS (Bachelor of Management Studies) are:

- Indian Institute of Management Bangalore
- Indian Institute of Management Ahmedabad
- Indian Institute of Management Calcutta
- Indian Institute of Management Lucknow
- Indian Institute of Management Indore
- Indian Institute of Technology Kharagpur
- Indian Institute of Technology Kharagpur

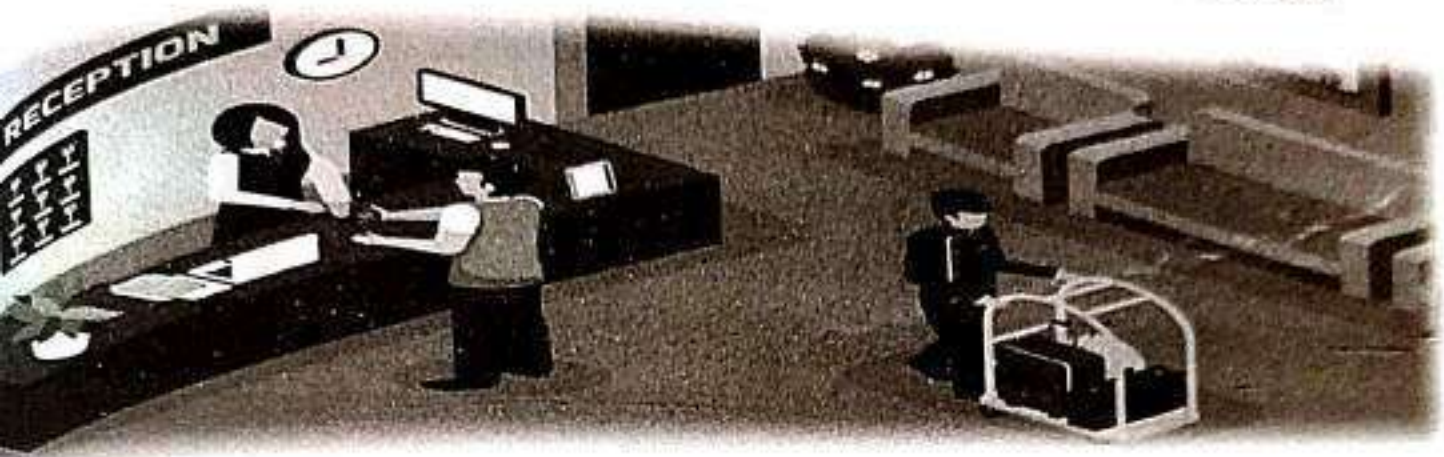
3. BHM (Bachelor of Hotel Management)

"It's the little things that make the big things possible. Only close attention to the finer details of any operation makes the operation first class."

- J. Willard Marriott

Bachelor of Hotel management or simply BHM is an undergraduate course with no fixed duration. Some colleges offer it as a 3-year course while some offer it for 4-year duration. The course teaches students about various fundamentals of hotel management and catering technology.

course introduces students to the fundamentals and different facets of the hospitality industry. The course is about the study of the hospitality industry as a whole, acquainting the student to the different sector and areas of this industry. Thus, it not only teaches students about the hotel management but also about marketing, sales, public relations etc.



Some colleges offering this course are:

- Army Institute of Hotel Management and Catering Technology, Bangalore
- Institute of Hotel Management and Catering, Udaipur
- Oriental School of Hotel Management Lakkidi, Wayanad
- Subhas Bose Institute of Hotel Management, Kolkata
- Himalayan Institute of Technology, Dehradun
- Babu Banarasi Das University, Lucknow
- Assam Down Town University, Guwahati
- Pioneer Institute of Hotel Management, Hyderabad
- BFIT Group of Institutions, Dehradun
- Amity University, Lucknow

DESIGNING COURSES

1. Bachelor of Interior Designing:

"All rooms ought to look as if they were lived in, and to have so to say, a friendly welcome ready for the Incomer"
- William Morris

Bachelor of Design in Interior Designing is a 4-year undergraduate course specifically designed for students who have successfully completed their Higher Secondary level of education (10+2).

The program has been designed to offer candidates with wide range of concepts and techniques involved in organizing, managing, and planning the interiors of residences and buildings, by understanding people's behaviour and needs. The aim is to refurbish the place so that it reflects the choices and nature of the people occupying it.



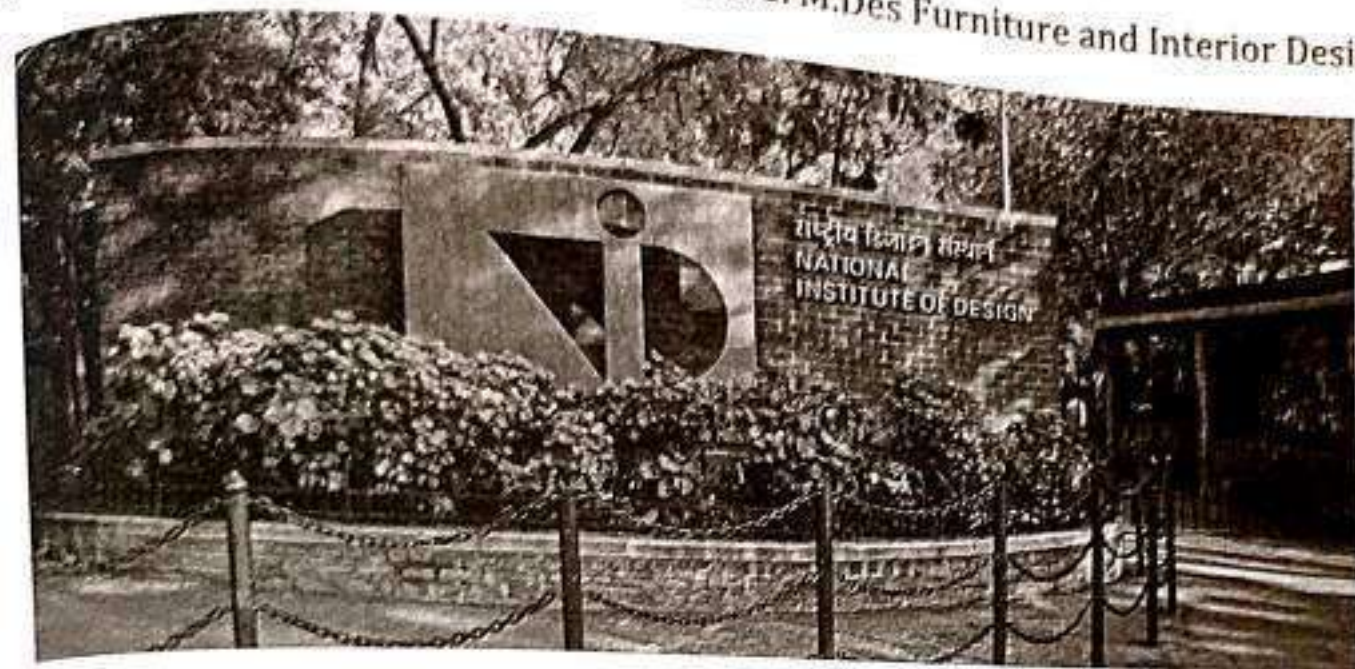
Some of the popular entrance tests conducted in the country for admission to the course is listed below.

- CEED (Common Entrance Exam for Design)
- NATA (National Aptitude Test in Architecture)
- NID (National Institute of Design) Entrance Test
- CEPT (Centre for Environmental Planning and Technology University) Entrance Test

Some colleges offering this course are:

- National institute of Design, NID, Jorhat
- CEPT University, Ahmedabad
- World University of Design, Sonipat
- Maharaja Sayajirao University of Baroda, Vadodara
- Visva Bharati Santiniketan

Bachelor of Design (Accessory)
National Institute of Design Ahmedabad. M.Des Furniture and Interior Design



Bachelor of Design (Accessory)

"If there was a choice on spending a lot of money on accessories or dress, I always chose accessories. I think jewellery can change an outfit more than anything else"
-Iris Apfel

Bachelor of Design in accessory is a 4-year undergraduate Fashion and Interior Design course. Accessory Design is a supportive activity of fashion and has to do with apparel and apparel-based products. The discipline also includes designing of items like jewellery, shoes, footwear, or bags. Students enrolled to the course are imparted specialized learning as mentioned below:

- Design methodology, materials and production processes.
- Consumer behaviour and market dynamics, trends and forecast interpretations.
- Business practices and project management in the field of fashion and lifestyle accessories.

Some of the top entrance tests conducted for admission to the course in India are:

- Jadavpur University Entrance Test
- National Post Graduate College Entrance Test
- Scottish Church College Entrance Test
- Mount Carmel College Entrance Test
- DAV College Entrance Test
- Dwijendralal College Entrance Test.



Some colleges offering this course are:

- Jadavpur University, Kolkata
- Mount Carmel College, Bangalore
- DAV College, Chandigarh.

3. Bachelor of Design (Leather)

I firmly believe that with the right footwear one can rule the world.

—*Bette Midler*

Bachelor of Design in Leather Design is an undergraduate Fashion and Interior Design course with duration of three years. Leather Design caters to the requirements of the leather industry in terms of both goods and apparel. The program offered by the Department of Fashion & Apparel emphasizes the integration of design concepts in leather apparel and products with the material known to respond to the requirements of specific target markets. The multidisciplinary approach including inputs ranging from market research, material and technical knowledge for product development develops an ability in students to handle different materials for different product types in leather.



Some colleges offering this course are:

- National Institute of Fashion Technology - NIFT Delhi
- National Institute of Fashion Technology - NIFT Mumbai
- National Institute of Fashion Technology - NIFT Kolkata

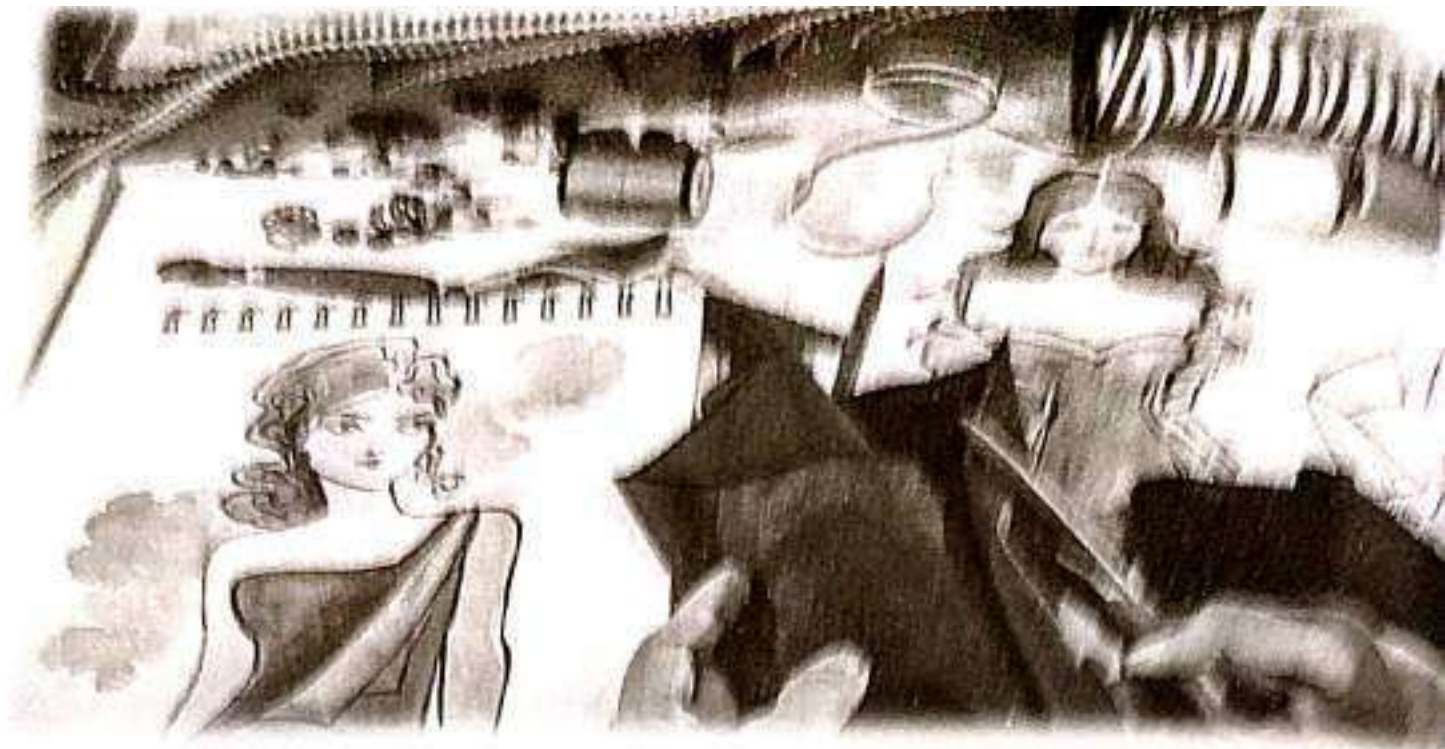
4. Bachelor of Textile Design

Fashion is the armour to survive the reality of everyday life."

—Bill Cunningham

Bachelor of Arts in Textile Design is an undergraduate course which seeks to implant a creative edge through its diversified area of work

The course is specifically designed to produce outputs in various clothing designs be it on print or soft copy. The course is depended upon ability of a person to think creative and learn from the processes of design. BA in Textile Design is a course which will provide wings to the creative edge people. It will make a special space in the minds and hearts of the people who have special interest in design and creativity.



Some colleges offering this course are

- ARCH Academy of Design, New Delhi
- National Institute of Fashion Technology, Gandhinagar
- Pearls Academy of Fashion Design, New Delhi
- School of Fashion Technology, Pune
- Banasthali University, Rajasthan
- Galgotias University, Noida
- Indian Institute of Fashion and Design, Chandigarh

5. Bachelor of Product Design

"Design is not just what it looks like and feels like. Design is how it works."
-Steve Jobs

Bachelor in Product Design is a 3-year undergraduate academic arts-centred program. The course essentially involves an advanced study of products, systems, and their consumers. The program is user-centric, and processes information from daily life. It includes components from diverse domains like human factors, cognitive ergonomics, studio skills, advanced CAD, research methods, materials & manufacturing processes, design management, and social sciences.

of the entrance tests conducted for admission to the course in India are:

- NID (National Institute of Design Exam)
- AIED (All India Entrance Examination for Design)
- CEED (Common Entrance Examination for Design)

Some colleges offering this course are:

- Apeejay Dr. DY Patil University, Pune
- GD Goenka University, Gurgaon
- MS Ramaiah University, Bangalore
- PES University, Bangalore.

PHYSICAL EDUCATION COURSES

1. Bachelor of Physical Education

"In order for man to succeed in life, God provided him with two means, education and physical activity. Not separately, one for the soul and the other for the body, but for the two together. With these means, man can attain perfection."

– Plato

B.P.Ed. or Bachelor of Physical Education is an undergraduate program dealing with sports and physical fitness. The course is offered in 2 ways. The 3-4year duration B.P.Ed. Course is offered to those students who have qualified their 12th examinations with a minimum of at least 50% marks. Apart from this, a 1-2year duration course is also offered to those students who have completed their graduation.



Some entrance tests are also conducted for admissions to B.P.Ed. Some of them are:

- BHU-UET
- Dibrugarh University Entrance Exam
- ITM-NEST
- Rajasthan University B.P.Ed. Entrance Exam
- MAH B.P.Ed. CET

Some colleges offering this course are:

- Dibrugarh University, Assam
- Banaras Hindu University [BHU], Varanasi

- Panjab University, Chandigarh
- Amity University, Noida
- Aligarh Muslim University [AMU], Aligarh

Diploma in Yoga Education

"Yoga does not just change the way we see things, it transforms the person who sees." – B.K.S Iyengar

Diploma in Yoga is a full-time diploma level program in Yoga and Naturopathy program. The course duration is 1 year covering all the major aspect of Yoga. Eligibility criteria for the program requires candidates to have completed their 10+2 examination in any relevant stream with good proficiency in the English language.

The syllabus of the program is divided into written theory, practice, and training. The curriculum is a combination of both physiological and psychological aspects. Students are taught about the anatomy of human body, learning of asana, history of yoga, yoga benefits and so on. The program apart from rendering students a detailed knowledge of the subject also helps in polishing the personality.

Some colleges offering this course are:

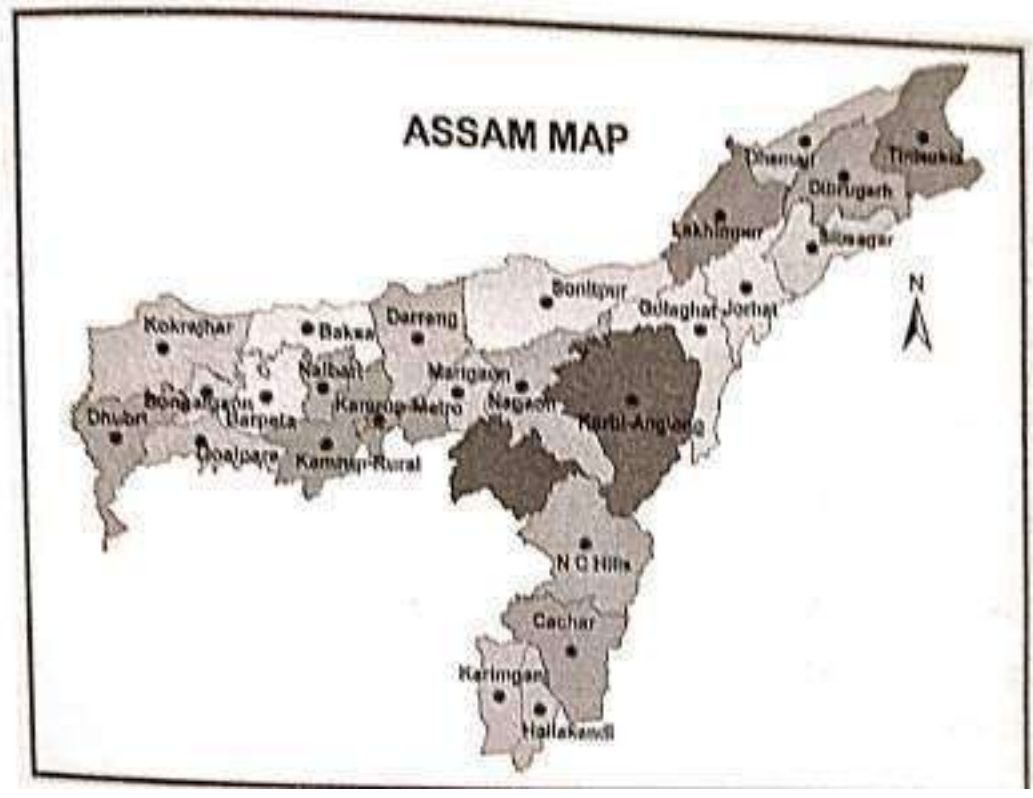
- DY Patil University (School of Ayurveda) - Mumbai
- National College of Health Sciences (NCHS) - Punjab
- Tilak Maharashtra Vidyapeeth - Maharashtra
- Gordhandas Seksaria College of Yoga and Cultural Synthesis - Maharashtra
- Bharatiya Vidya Bhavan - Delhi



EDUCATIONAL INSTITUTES AND UNIVERSITIES IN ASSAM

UNIVERSITY	LOCATION	TYPE
Assam University	Silchar	Central
Assam Agricultural University	Jorhat	State
Assam Rajib Gandhi University of Cooperative Management	Sivasagar	State
Assam Science and Technology University	Guwahati	State
Assam Women's University	Jorhat	State
Bodoland University	Kokrajhar	State
Bhattadev University	Barpeta	State
Cotton University	Guwahati	State
Dibrugarh University	Dibrugarh	State
Gauhati University	Guwahati	State
Cotton University	Guwahati	State
Dibrugarh University	Dibrugarh	State
Gauhati University	Guwahati	State
Cotton University	Guwahati	State
Dibrugarh University	Dibrugarh	State
Krishna Kanta Handique State Open University	Guwahati	State

Kumar Bhaskar Varma Sanskrit and Ancient studies	Nalbari	State
Madhabdeb University	Lakhimpur	State
Rabindranath Tagore University	Hojai	State
Srimanta Sankardeva University of Health Sciences	Guwahati	State
Tezpur University	Tezpur	Central



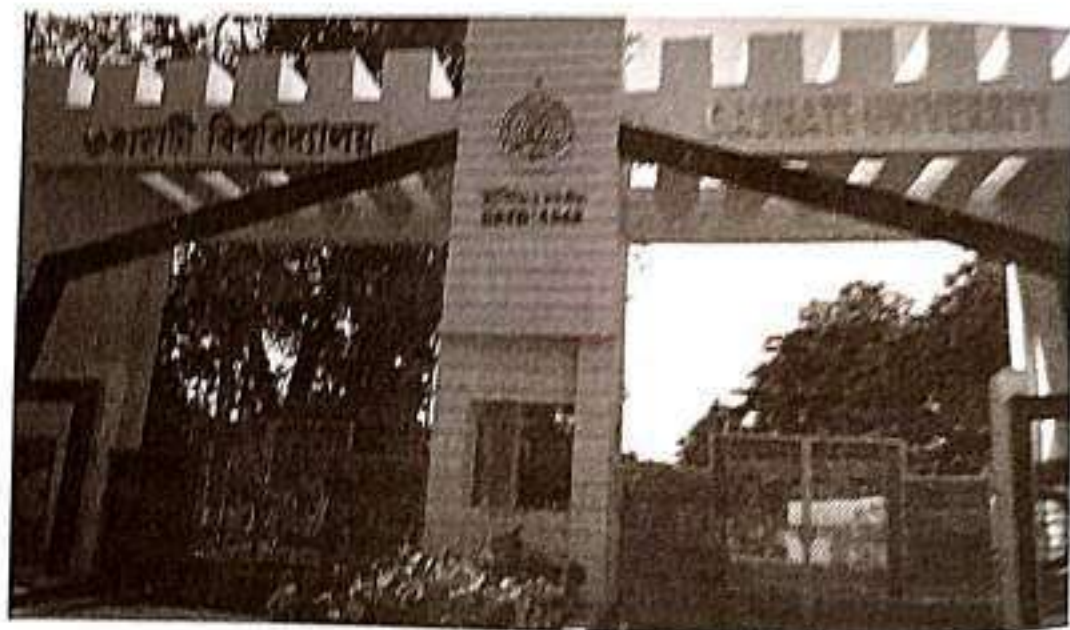
List of law colleges affiliated to Dibrugarh University:

1. Centre for Juridical Studies, Dibrugarh University
2. D.H.R.K. Law College, Dibrugarh
3. Dr. Rohini Kanta Barua Law College, Dibrugarh
4. Golaghat Law College Law College, Golaghat
5. Jorhat Law College, Jorhat
6. NERIM Law College, Guwahati
7. North Lakhimpur Law College, North Lakhimpur
8. Tinsukia Law College, Tinsukia
9. S.I.P.R. Law College, Dibrugarh



List of law colleges affiliated to Gauhati University:

1. Bongaigaon Law College, Bongaigaon
2. Dhubri Law College, Dhubri
3. Dispur Law College, Dispur
4. Goalpara Law College, Goalpara
5. Govt. B. R. Medhi Law College, Guwahati
6. J.B. Law College, Guwahati
7. Kokrajhar Law College, Kokrajhar
8. Morigaon Law College, Morigaon
9. Nalbari Law College, Nalbari
10. Nowgong Law College, Nagaon



11. Tezpur Law College, Tezpur
12. University Law College, Gauhati University

List of law colleges affiliated to Assam University, Silchar:

1. A. K. Chanda Law College, Silchar
2. Diphu Law College
3. GC College
4. Cachar College
5. Karimganj College
6. Nabin Chandra College
7. Srikishan Sarma College

Dental Colleges:

1. Regional Dental College, Guwahati
2. Dibrugarh Dental College
3. Government Dental College, Silchar



Medical colleges

Colleges under Srimanta Sankaradeva University of Health Sciences:

1. Assam Medical College, Dibrugarh
2. Fakhruddin Ali Ahmed Medical College & Hospital, Barpeta
3. Gauhati Medical College and Hospital, Guwahati
4. Jorhat Medical College and Hospital, Jorhat
5. Silchar Medical College and Hospital, Silchar
6. Tezpur Medical College & Hospital, Sonitpur

Technology and Engineering Institutes

Colleges under Dibrugarh University

1. Dibrugarh University Institute of Engineering and Technology (DUIET), DU campus, Dibrugarh (State)

Colleges under Gauhati University

1. Gauhati University Institute of Science and Technology (GUIST), GU Campus, Guwahati

Colleges under Assam Science and Technology University:

1. Assam Engineering College, Jalukbari, Guwahati (State)
2. Bineswar Brahma Engineering College, Kokrajhar (State)



3. Girijananda Chowdhury Institute of Management and Technology, Tezpur (GIMT-Tezpur) (Public-Private)
4. Girijananda Chowdhury Institute of Management and Technology (GIMT), Azara, Guwahati (Private)
5. Golaghat Engineering College, Golaghat (State)
6. Barak Valley Engineering College, Karimganj (State)

7. Jorhat Engineering College, Jorhat (State)
8. Jorhat Institute of Science & Technology, Jorhat (State)
9. Lokopriya Gopinath Bordoloi Regional Institute of Mental Health (LGBRIMH), Tezpur

Colleges under Assam Agricultural University

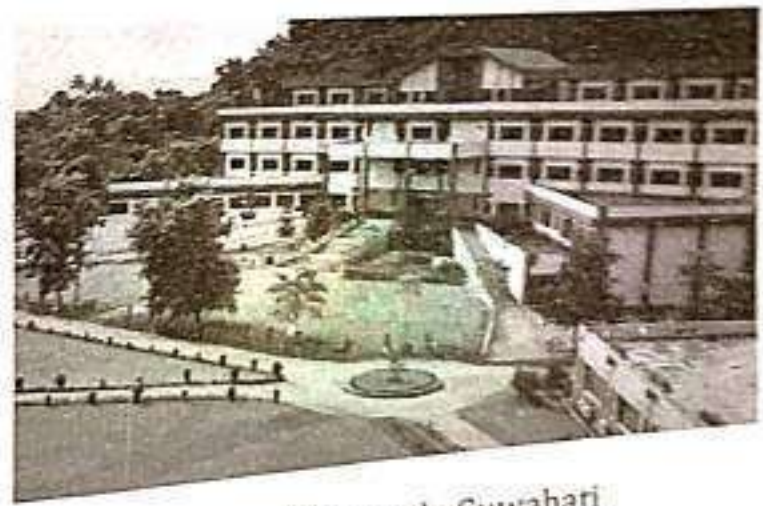
1. Biswanath College of Agriculture, Biswanath Chariali
2. College of Agriculture, Jorhat
3. College of Fisheries (AAU), Raha, Nagaon
4. SCS college of Agriculture, Dhubri
5. College of Home Science, Jorhat
6. College of Veterinary Science (C.V.Sc.), Khanapara
7. Lakhimpur College of Veterinary Science (L.C.V.Sc.), North Lakhimpur

Colleges under Ministry of Chemicals and Fertilizers

1. Central Institute of Plastics Engineering and Technology (CIPET), Changsari, near Guwahati

Autonomous Institutions

1. Indian Institute of Technology Guwahati
2. Indian Institute of Information Technology, Guwahati
3. National Institute of Technology, Silchar
4. Central Institute of Technology, Kokrajhar, (Public Deemed University)
5. National Law University and Judicial Academy, Assam
6. National Institute of Pharmaceutical Education and Research, Guwahati
7. National Institute of Design, Jorhat



**Deemed University under Ministry of Human Resource Development,
Government of India:**

1. Central Institute of Technology, Kokrajhar

Architecture institutes

1. Guwahati College of Architecture, Guwahati
2. Royal School of Architecture, Betkuchi, Guwahati

Other major educational institutes

1. Tata Institute of Social Sciences, Guwahati

**Deemed University under Ministry of Human Resource Development,
Government of India:**

1. Central Institute of Technology, Kokrajhar

Architecture institutes

1. Guwahati College of Architecture, Guwahati
2. Royal School of Architecture, Betkuchi, Guwahati

Other major educational institutes

1. Tata Institute of Social Sciences, Guwahati

Disclaimer

This information has been extracted from various online forums and institutional/ universities websites. Educational Institutes tend change courses and their eligibility criteria. Users/ readers of this book are suppose to take detailed information from the respective educational institution directly or through the website.

Details of the same may vary with change in course by the institution. It is advised to check the details with the respective institute/university/educational institution before taking any decision.

Educative will not be liable for any changes in the information provided or any information provided mistakenly in this book.