What next after +2 ?

Dr. R. Saravanan M.E., PhD

Associate Professor

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Your Situation

Introduction

- Are you waiting for the 12th results?
- Now time for you to make a decision about your career
- Plenty of options can often leave students confused and discouraged
- To weed out the thorns of confusion, you first need to analyze your
  - interests, hobbies, inclination, potentiality and opportunities

Introduction

- If you choose your career based on your interest and hobby, the success rate as well as satisfaction level will be very high
- Do not choose courses after 12th - under the influence of friends or parents
- Give priority to your potential and interest and it should be the sole criteria for selecting a career

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How to Choose your career ?

- Area of interest
- Personality
- Aptitude
- Assess your strength and weakness
- Skills
- Possibility and Opportunities
- Capability
- Feasibility and guidance
- Nature of work
- Financial aid and scholarship

In future - basic degrees with specialized skills

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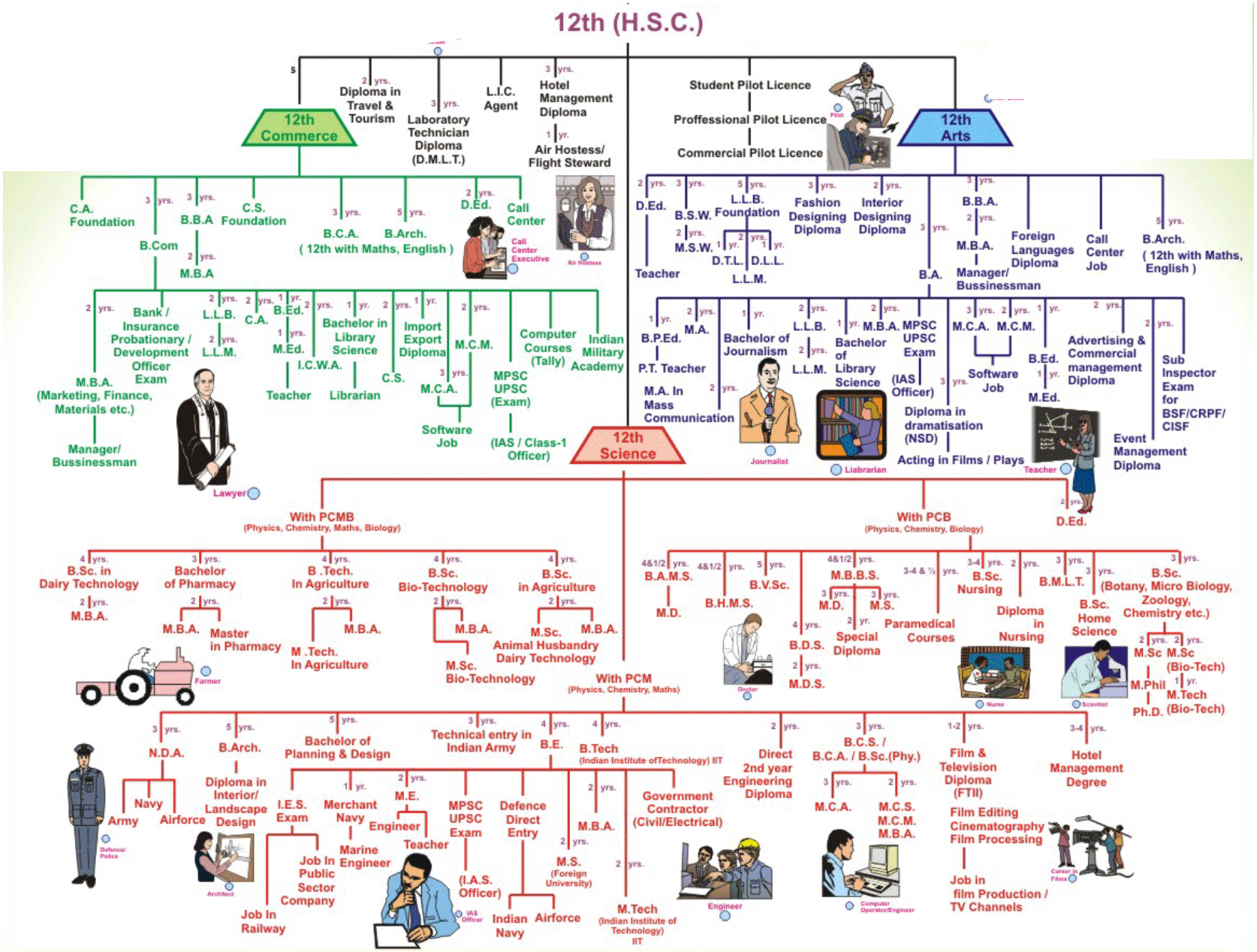
Select Your Choice



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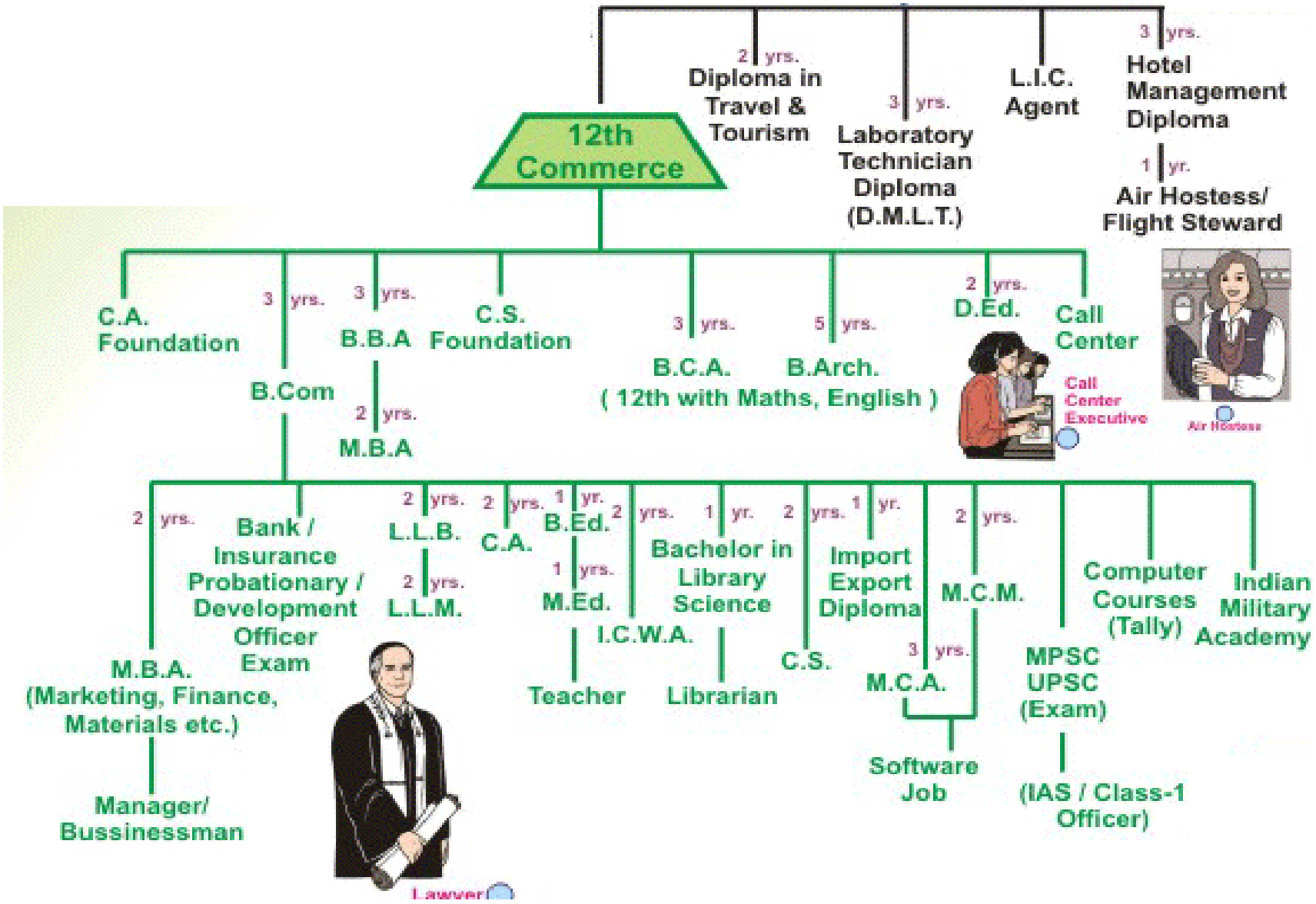
Your Option – Commerce Group



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Your Option – Arts Group

Student Pilot Licence

Proffessional Pilot Licence

Commercial Pilot Licence

Pilot

12th Arts

2 yrs. D.Ed. — Teacher

3 yrs. B.S.W. — 2 yrs. M.S.W.

5 yrs. L.L.B. Foundation — 1 yr. D.T.L. — 2 yrs. L.L.M. — 1 yr. D.L.L.

3 yrs. Fashion Designing Diploma

2 yrs. Interior Designing Diploma

3 yrs. B.A.

3 yrs. B.B.A. — 2 yrs. M.B.A. — Manager/ Bussinessman

Foreign Languages Diploma

Call Center Job

5 yrs. B.Arch. (12th with Maths, English)

1 yr. B.P.Ed. — P.T. Teacher

2 yrs. M.A. — 2 yrs. M.A. In Mass Communication

1 yr. Bachelor of Journalism

Journalist

2 yrs. L.L.B. — 2 yrs. L.L.M.

1 yr. M.B.A. Bachelor of Library Science

Liabrarian

2 yrs. MPSC UPSC Exam (IAS Officer)

3 yrs. Diploma in dramatisation (NSD) — Acting in Films / Plays

3 yrs. M.C.A. M.C.M. — Software Job

2 yrs. 1 yr. B.Ed. — M.Ed.

Teacher

2 yrs. Advertising & Commercial management Diploma

2 yrs. Event Management Diploma

Sub Inspector Exam for BSF/CRPF/ CISF

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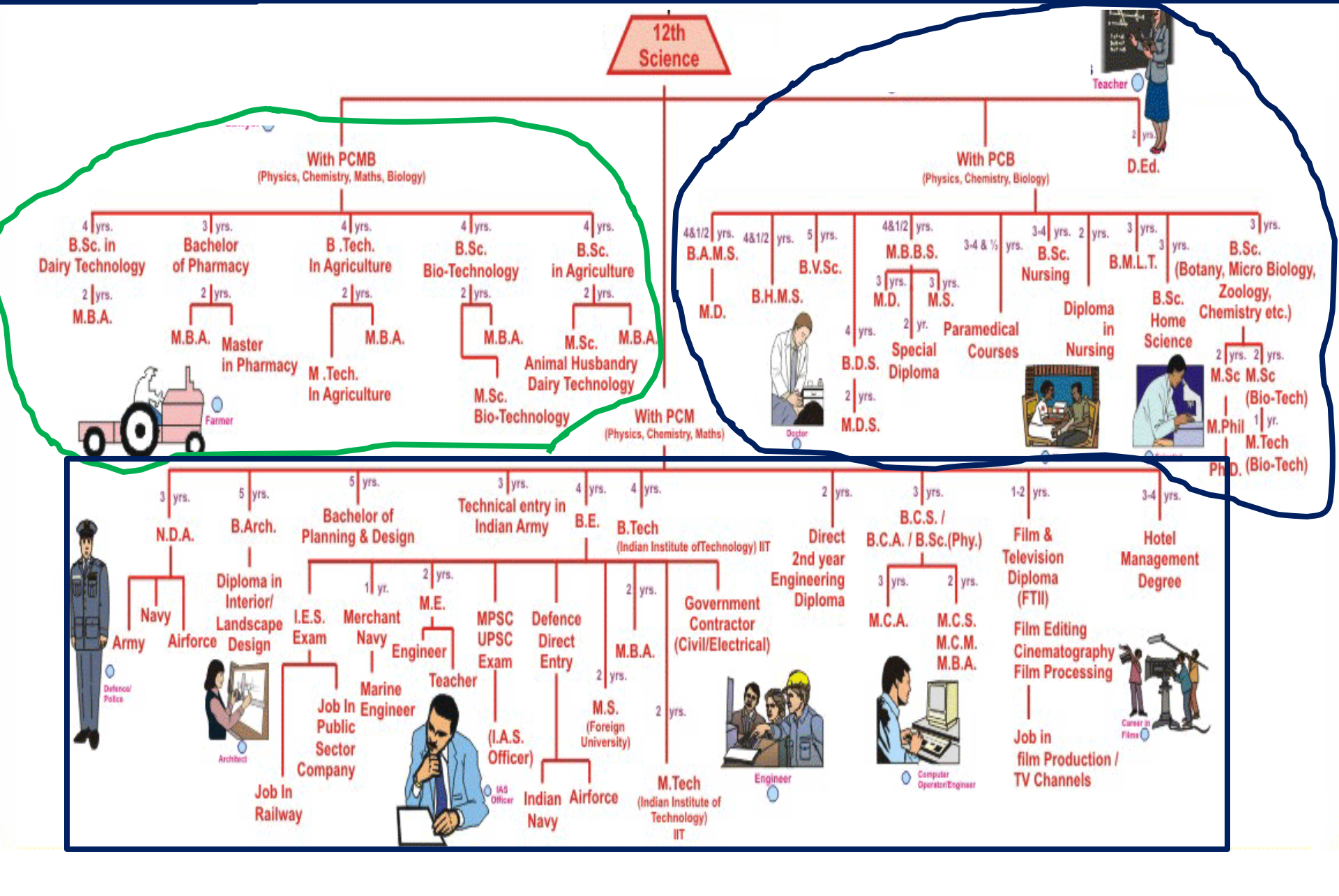
Your Option – Science Group



Computers & IT Stream

- If the field of computers and information technology interests you, then you can opt for computers as your career destination after your 12th class. There are a lot of career options in this field ranging from data entry operator to software engineer, from web designing to web developing and so on

- Several professional undergraduate and postgraduate courses are offered in computers and IT by noted institutions as well as other private institutes across the country.

Engineering Stream

- You need to secure 60% marks in +2 to get into the elite IITs. But if you have not secured 60% marks in intermediate examination, then you need not to worry because we have several options other than IITs.

- Students need to qualify engineering entrance exams like JEE Main, JEE Advanced and other state level engineering exams to get admission into B.Tech, B.E, B.Arch courses which are offered by various noted engineering colleges.

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Medical Stream

- If you had Physics, Chemistry and Biology in class +2 then you can consider a career in medicine and related fields.

- NEET UG - a single entrance examination to get admission to the MBBS course in almost all medical colleges in India, including private medical colleges.

- Medical entrance examinations are also conducted by noted medical colleges like All Indian Institute of Medical Sciences (AIIMS) for admission to their MBBS courses.

- If not MBBS, there are various other options available for you such as Dentistry, Pharmacy, Ayurveda, Veterinary Science, Homeopathy and other allied branches of medical science.

Vocational Courses

- Vocational Education training (VET) institutes impart specialized and practical knowledge to students and help them become independent and successful in life.
- VET institute impart graduation and post graduation courses to students
- Moreover, financial aid is provided to students who are economically weak. Paying for education can be unaffordable for many, especially with skyrocketing primary education fees. Vocational education is their best alternative. **There was a time when parents had reservations about vocational education programs. This attitude is changing now.**
- Every state has vocational institutes
- **Vocational courses offered can range from culinary arts, bar tending, becoming a massage expert, cooking to graphic designing, pottery, dyeing, nursing, business administration, restaurant, management.**

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Options after Class 12th

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10+2 Commerce

Diploma Programs
(Duration : 6 months - 2 years)

- Diploma in Travel & Tourism
- Diploma in Hotel Management
- Diploma in Air Hostess & Flight Steward
- Diploma in Education

Degree Programs
(Duration : 3 to 5 years)

- B.Com
- B.Com (Honors)
- BBA
- BBM
- BBA- LLB
- BA – LLB
- BCA
- B.Com (Computer)
- BA

Professional Programs
(Duration : 3 years & above)

- CA Program
- ICWA Program
- CS Program
- CFA Program

- LIC/ Insurence Agents
- Call Centers
- NDA (Army Wing)

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10+2 Arts

Diploma Programs
(Duration : 6 months - 2 years)

- Diploma in Education
- Diploma in Foreign Language
- Diploma in Travel & Tourism
- Diploma in Hotel Management
- Diploma in Air Hostess & Flight Steward
- Diploma in Interior Designing
- Diploma in Event Management
- Teachers Training (TTC)

Degree Programs
(Duration : 3 to 5 years)

- B.A (Bachelor of Arts)
- BBA
- BBM
- Bachelor of Library Science
- Bachelor of Social Work
- Bachelor of Journalism
- BFA (Bachelor of Fine Arts)
- LLB (Bachelor of Law)
- BBA- LLB
- B.Des

Professional Programs
(Duration : 3 years & above)

- CA Program
- ICWA Program
- CS Program

- LIC/ Insurance Agents
- Call Centers
- NDA (Army Wing)

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10+2 Science

10+2 PCM

- Engineering (B.E/ B.Tech)
- B.Arch
- Integrated M.Sc.

- BCA
- B.Com
- Defence (Navy, Army, Airforce)
- Pilot Training

10+2 PCMB

- B.Sc. Dairy Technology
- B.Sc. Degree
- BA
- Diploma Courses
- LLB (Bachelor of Law)
- Education/ Teaching
- Travel & Tourism Courses
- Environmental Science
- Fashion Technology
- Hotel Management
- Designing Courses
- Media/ Journalism Courses
- Film/ Television Courses
- CA Program
- ICWA Program
- CS Program

10+2 PCB

- MBBS
- BAMS (Ayurveda)
- BHMS (Homoeopaty)
- BUMS (Unani)
- BDS
- Bachelor of Veterinary Science & Animal Husbandy (BVSc. AH)
- Bachelor of Naturopathy & Yogic Science (BNYS)
- Bachelor of Physiotheraphy
- Integrated MSc.
- B.Sc. Nursing

- B.Sc. Dairy Technology
- B.Sc. Home Science
- Bachelor of Pharmacy
- Biotechnology
- BOT (Occupational Therapy)
- General Nursing
- BMLT (Medical Lab Technology)
- Paramedical Courses

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Best Courses and Career Options for the Science Stream Students

- MBBS
- BDS (Bachelor in Dental Sciences)
- B.V.S (Bachelor in Veterinary Sciences)
- B.Pharm Bachelor of Pharmacy
- Diploma course in Pharmacy (D.Pharmacy)
- B.P.T (Bachelor in Physiotherapy),
- B.H.M.S (Bachelor in Homeopathic Medicinal Sciences),
- B.A.M.S (Bachelor in Ayurveda Medicinal Sciences)
- Nursing (diploma /degree in nursing)

B.Sc. degree course in

- Mathematics
- Physics
- Chemistry
- Bio-chemistry
- Bio-medical
- Botany
- Computers
- Food technology
- Geology
- Home science
- Microbiology
- Polymer sciences
- Statistics
- Nutrition
- Environmental studies
- Agriculture including animal husbandry
- Veterinary science
- Dairy and poultry courses etc.

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Anna university Engineering Courses
TNEA 2017

1. Aeronautical Engineering
2. Agriculture Engg.
3. Agricultural and Irrigation Engineering (SS)
4. Apparel Technology (SS)
5. Architecture
6. Automobile Engg. (SS)
7. Automobile Engineering
8. Bio Medical Engineering
9. Bio-Technology (SS)
10. Bio-Technology
11. Bio Medical Engg. (SS)
12. Chemical and Electro Chemical Engg. (SS)
13. Civil Engineering
14. Chemical Engineering
15. Chemical Engineering (SS)
16. Computer Science and Engineering (SS)
17. Civil Engineering (SS)
18. Ceramic Technology (SS)
19. Computer Science and Engineering
20. Computer Science and Communication Engg.
21. Electronics and Communication Engineering
22. Electrical and Electronics Engineering Electronics and Instrumentation Engineering
23. Electronics and Communication Engg. (SS)
24. Environmental Engg.
25. Electrical and Electronics (Sandwich) (SS)
26. Electronics and Telecommunication Engg.

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Anna university Engineering Courses
TNEA 2017

27. Electronics and Instrumentation Engg. (SS)
28. Elec. and Electronics Engg (SS)
29. Food Technology
30. Food Technology (SS)
31. Fashion Technology
32. Fashion Technology (SS)
33. Geo-Informatics
34. Handloom and Textile Technology
35. Industrial Bio-Technology
36. Instrumentation and Control Engg.
37. Industrial Engineering
38. Information Tech. (SS)
39. Industrial Engineering and Management
40. Industrial Bio-Tech. (SS)
41. Information Technology
42. Instrumentation and Control Engg. (SS)
43. Leather Technology
44. Material Science and Engineering (SS)
45. Mechatronics
46. Medical Electronics Engg.
47. Mechanical Engineering
48. Mechanical Engg. (SS)
49. Mechatronics (SS)
50. Mechanical Engineering (Sandwich)
51. Mining Engineering
52. Manufacturing Engineering
53. Marine Engineering
54. Mechanical Engineering (Sandwich) (SS)
55. Metallurgical Engineering
56. Mechanical and Automation Engg.
57. Material Science and Engg.

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Anna university Engineering Courses
TNEA 2017

58. Metallurgical Engg. (SS)
59. Nano Science and Technology
60. Plastic Technology
61. Petro Chemical Technology
62. Petrochemical Engineering
63. Petroleum Engineering
64. Pharmaceutical Technology
65. Pharmaceutical Tech. (SS)
66. Polymer Technology
67. Production Engineering (SS)
68. Petroleum Engineering and Technology (SS)
69. Production Engineering
70. Production Engineering (Sandwich) (SS)
71. Printing Technology
72. Robotics and Automation (SS)
73. Robotics and Automation
74. Rubber and Plastic Tech.
75. Textile Chemistry
76. Textile Technology (SS)
77. Textile Technology
78. Civil Engineering (Tamil Medium)
79. Mechanical Engineering (Tamil Medium)

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Opportunities in Engineering

1. Computer Engineering
2. Electrical Engineering
3. Electronics Engineering
4. Mechanical Engineering
5. Civil Engineering
6. Agricultural Engineering
7. Aeronautical Engineering
8. Architecture Engineering
9. Automobile Engineering
10. Biomedical Engineering
11. Biotechnology
12. Ceramic Technology
13. Chemical Engineering
14. Environmental Engineering
15. Genetic Engineering
16. Industrial & Production Engineering
17. Instrumentation Engineering
18. Marine Engineering
19. Metallurgical Engineering
20. Mining Engineering
21. Petroleum Engineering
22. Plastic Technology
23. Polymer Engineering
24. Rubber Technology
25. Space Technology
26. Textile Industry

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Engineering Graduates will get Jobs

1. Public Sector Units (PSU),
2. Research and development
3. Teaching field
4. Prestigious private sector
5. Civil Services
6. State Engineering Services
7. Banking Sector
8. Defense Services
9. Higher study options in abroad via GRE and GMAT
10. PG through GATE

11. Senior Project Associate
12. Teaching assignments
13. Senior/Junior Research Fellow
14. Research Associates
15. Scientists
16. R & D Wing etc…

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Best courses and career options for the **Commerce** stream students

- Join for CA, it is a 5 year course after passing the CPT (Common Proficiency Test). During the study period itself you can try for various government jobs or you can work and earn if you are choosing a correspondent option.
  - Chartered accountancy (CA) from Institute of Chartered Accountants
  - Costs and Works accountant from Institute of Cost and Works Accountancy (ICWA)
  - BBA (Bachelor of Business Administration)

- **Master of Business Administration (MBA)**
  - Management or MBA offers you good opportunities in finance, sales-marketing, personnel management and international business. Just pass the CAT/XAT/MAT/FMS/IIFT/SNAP exams and dream big.
  - Chartered Financial Analyst(CFA)
  - **Company secretary (CS)**

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Course is extremely good for the commerce students.

Offered by the reputed various ICSI institutes across India

1. B.Com (Bachelor of Commerce)
2. 5 years integrated MBA course
3. Banking courses
4. Certified Financial Planner (CFP)
5. Bachelor of Business Management (BBM)
6. Fashion Technology from the National Institute of Fashion Technology
7. Hotel Management
8. Housekeeping courses

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Best Courses and career options for the Art Stream

1. Psychologist
2. Counselor
3. Economist
4. Market analyst
5. Sociologist
6. Social Worker
7. Historian
8. Anthropologist
9. Human Resources
10. Personal Executive
11. Writer/journalist/Editor
12. Lawyer

13. Legal Journalist
14. Legal Adviser
15. Judge
16. Government Lawyer
17. Document Drafting Lawyer
18. Civil Litigation Lawyer
19. Legal Analyst
20. Media Personnel
21. School Teacher
22. College Professor/university Professor

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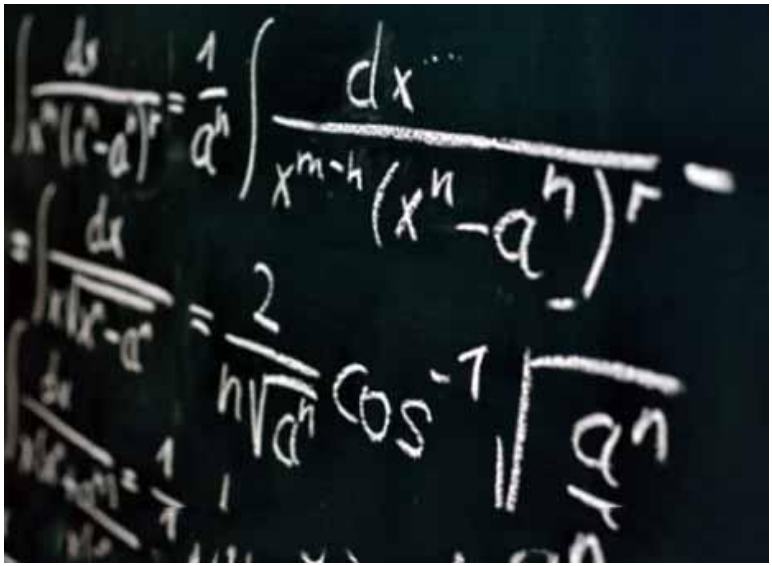
Interested in Mathematics ?

- A degree in mathematics - lots of job and career opportunities across the world
- If you are interested in teaching be a good maths teacher or go for further PG.
- Select the best one from below.
  - Scientific research
  - design and development
  - Management services and computing
  - Financial work
  - Tax Inspectorate
  - Actuarial work
  - chartered accountants
  - opportunities in banking
  - Statistical work
  - Teaching
  - Postgraduate study



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Interested in Law ?

- You have an option of 5 years course after the completion of 12th onward.
- LLB course is controlled and regulated by the Bar Council of India.
- You can choose any of the below role of a lawyer based on your interest during study
  - Criminal Lawyer
  - Legal Journalist
  - Legal Adviser
  - Judge
  - Government Lawyer
  - Document Drafting Lawyer
  - Civil Litigation Lawyer
  - Legal Analyst

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COMPETITIVE EXAMS FOR FURTHER STUDIES AFTER +12

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TNEA - Anna University

https://www.tnea.ac.in/index.php

SINGLE WINDOW COUNSELLING PROCESS

- Registration of Application and Submission
- Application Scrutiny
- Random Number and Rank Publication
- Download of Counselling Call Letter
- Single Window Counselling

Sl. No.	Community	A Pass with Minimum average marks in Mathematics, Physics and Chemistry put together
1.	General Category	50.00 %
2.	Backward Class including Backward Class Muslim	45.00 %
3.	MBC & DNC	40.00 %
4.	SC/SCA/ST	40.00 %

Vocational Courses prescribed for B.E. / B. Tech. Degree Admission

Group Code	Name of the Vocational Subjects
421	General Machinist
422	Electrical Machines and Appliances
423	Electronic Equipments
424	Draughtsman Civil
425	Auto Mechanic
426	Textile Technology

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The following documents should be enclosed with the online application

1. Special Reservation Form (s) and photocopy of the Relevant Certificate (s) – If applicable
2. 10th Mark Sheet **(photocopy)**
3. HSC / Equivalent Mark Sheet* **(photocopy)**
4. Transfer Certificate* **(photocopy)**
5. Permanent Community Certificate Card for ST, SC, SCA, MBC & DNC, BC and BCM **(either Permanent card or electronic form/digitally signed e-Certificate) (photocopy)**
6. HSC Hall Ticket **(photocopy)**
7. Nativity Certificate **(photocopy) only in electronic form/digitally signed e-Certificate** – If applicable
8. First Graduate Certificate and First Graduate Joint Declaration **(photocopy) (only in electronic form/digitally signed e-Certificate)** – If applicable
9. Srilankan Tamil Refugee certificate **(photocopy)** – If applicable

The filled-in online application along with enclosures should be sent to

The Secretary
Tamil Nadu Engineering Admissions
Anna University
Chennai – 600 025
on or before 03.06.2017

1. Engineering

(a) Joint Entrance Examination (JEE) Main

- **Purpose**-For Admission in B. E./B. Tech., B. Arch., B. Planning

  Eligibility- Class 12, 12 passed

  Apply-Online

  Activity- November, December

  Source: http://jeemain.nic.in/jeemainapp/Welcome.aspx

  B4S: www.b4s.in/UID/JEEMAIN

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JEE Main - Institutes

Percentage Criteria

Candidates appearing for JEE Main 2017 must has passed class 12th with Physics, Chemistry & Mathematics in order to apply. However For admission to IITs, NITs, IIITs & CFTIs candidates must have secured at least 75% in their class 12th board exams (65% for SC/ST students)

- Ministry of Human ResourcesDevelopment (MHRD) has as set up Joint Seat Allocation Authority (JoSAA) to regulate and manage seat allocation in 87 institutes.
- Joint seat allocation for 18 IITs, ISM Dhanbad, 31 NITs, 18 IIITs and 18 Other Government Funded Technical Institutes (Other - GFTIs) is done through JoSAA.

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JEE Main 2017 Exam Pattern

It is conducted in two parts:

- Paper 1 for engineering
- Paper 2 for architecture

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JEE Main Paper 1 Exam Pattern

- **Subjects:** JEE Main Paper 1 will contain questions from chemistry, physics and mathematics subjects.
- **Number of Questions:** It will contain total 90 objective type questions. Weightage to all subjects are given equal. Total 30 questions will be asked from each subject.
- **Exam Duration:** The exam duration will be 3 hours. 4 hours for candidates having 40% disability.
- **Exam Mode:** The mode of exam for paper-1 is online as well as offline. Students can appear the examination through CBT or PBT mode.
- **Question Paper Medium:** For all exam cities centres, the question paper medium is English and Hindi. Students filling the exam centres in Gujarat, Daman & Diu and Dadra and Nagar Havel cities have the option to opt the question paper in English, Hindi and Gujarati medium. Candidates have to exercise the option of question paper language at the time of filling the application form.
- **Marking Scheme:** Each correct question will carry 4 marks.
- **Negative Marking:** 1/4 negative marking for every incorrect answer i.e. 1 mark will be deducted for each incorrect response.

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Subjects	Questions	Marks
Chemistry	30	120
Physics	30	120
Mathematics	30	120
Total	**90**	**360**

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JEE Main Paper 2 Exam Pattern

- **Subjects:** The JEE Main Paper 2 will comprises of three parts which are mathematics, aptitude test and drawing test.
- **Number of Questions:** This paper will consist total 50 questions for aptitude test, 2 questions for drawing test and 30 questions from mathematics.
- **Exam Duration:** The duration of the exam will be 3 hours. 4 hours for candidates having 40% disability.
- **Exam Mode:** The mode of exam for paper-2 is offline only. No online mode is available for this paper.
- **Question Paper Medium:** Question paper medium is English and Hindi. Students filling the exam centres in Gujarat, Daman & Diu and Dadra and Nagar Havel cities have the option to opt the question paper in English, Hindi and Gujarati medium.
- **Marking System:** Each objective type question will carry 4 marks for the correct response and 2 drawing questions contains total 70 marks.
- **Negative Marking:** For each incorrect response 1/4 of the total marks allotted to that question will be deducted from the total score.

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Subjects	Questions	Marks
Mathematics	30	120
Aptitude test	50	200
Drawing	2	70
Total	**82**	**390**

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JEE Advanced Exam Pattern 2017

- The exam pattern of JEE Advanced 2017 changes every year.
- However, for candidates to know the nature and pattern of JEE Advanced 2017, we have mentioned the exam pattern below on the basis of last year's pattern.
- There will be two question papers, Paper 1 & Paper 2
- Each paper will consist of three separate sections- Physics, Chemistry and Mathematics.

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Paper-1 (10 sets, 0 to 9)
Total 54 questions of 186 marks

Section	Question Type	Number of Questions	Full Marks	Partial marks	Zero marks	Negative Marks	Sectional Maximum Marks
1	Single correct option	5	+3 If only the bubble corresponding to the correct option is darkened	-	0 If none of the bubbles is darkened	-1 In all other cases	15
2	One or more correct option(s)	8	+4 if only the bubble(s) corresponding to all the correct option(s) is or are darkened	+1 For darkening a bubble corresponding to each correct option, provided NO correct option is darkened	0 If none of the bubbles is darkened	-2 In all other cases	32
3	Single digit integer (0-9)	5	+3 If only the bubble corresponding to the correct answer is darkened	-	0 In all other cases	-	15

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Paper-2 (10 sets, 0 to 9)
Total 54 questions of 186 marks

Section	Question Type	Number of Questions	Full Marks	Partial marks	Zero marks	Negative Marks	Sectional Maximum Marks
1	Single correct option	6	+3 If only the bubble corresponding to the correct option is darkened	-	0 If none of the bubbles is darkened	-1 In all other cases	18
2	One or more correct option(s)	8	+4 if only the bubble(s) corresponding to all the correct option(s) is or are darkened	+1 For darkening a bubble corresponding to each correct option, provided NO correct option is darkened	0 If none of the bubbles is darkened	-2 In all other cases	32
3	Comprehension	4	+3 If only the bubble corresponding to the correct answer is darkened	-	0 In all other cases	-	12

This is a list of selected famous colleges and there are many more colleges that would be accepting admission based on JEE Main Score. The complete list is available in the table below, the candidates can check the same.

Name of the Institution	Location	Application starts	Last date to apply	Details for admission 2017
IISC Indian Institute of Science, Bangalore	Bangalore	1 February 2017	28 April 2017	Apply to IISc Bangalore IISC accepts the score of JEE Advanced, KVPY and AIPMT
BIT Birla Institute of Technology	Deogarh, Jaipur, Patna	July 2017	July 2017	BIT Admission 2017
Jaypee Institute of Information Technology	Noida, Guna, Waknaghat	10 March 2017	20 June 2017	Jaypee Admission
Thapar university	Punjab	After 10 March 2017	25 April 2017	Thapar University admission
PEC University of Technology	Chandigarh	-	Registration will begin from July 2017	PEC Chandigarh Admission
LNMIIT	Jaipur	-	April End 2017	Admission notification
Jamia Millia Islamia	Delhi	10 December 2016	11 March 2017	Jamia B.Tech Admission

JEE Advanced - Institutes

Name of the Institution	Location	Release of application form	Last date to fill application	Details for admission 2017
IIST Indian Institute of Space science and Technology	Kerala	22 May 2017	12 June 2017	IIST Admission Details
IISER Indian Institutes of Science Education and Research	Thiruvananthapuram, Bhopal, Mohali, Pune, Kolkata	May 4th week 2017	June 1st week 2017	IISER Admission IISER also accepts the score of KVPY, INSPIRE scholarship and IISER Aptitude Test
Rajiv Gandhi Institute of Petroleum Technology Society	Raebarelli (UP)	May 2017	July 2017	Admission notification

1. Engineering Cont…

- **(b) JEE Advanced**
- **Purpose**-Admission in UG programmes in IITs and ISM (Indian School of Mines) Dhanbad

  Eligibility- Class 12, 12 Passed (PCM)

  Apply-Online

  Activity-May

  Source: http://jeeadv.iitd.ac.in/

  B4S: www.b4s.in/UID/JEEADV

1. Engineering Cont…

- **(c) BITSAT**
- **Purpose**-Admission in Integrated First Degree programmes in BITS Pilani, Goa & Hyderabad campuses.

  Eligibility-Class 12, 12 passed (PCM)

  Special- Board Toppers can join directly

  Apply- Online

  Activity- January, February

  Source: www.bitsadmission.com/

  B4S: www.b4s.in/UID/BITSAT

1. Engineering Cont…

- **(d) VIT University Engineering Entrance Exam (VITEEE)**
- **Purpose**-Admission in B Tech Courses

  Eligibility-Class 12

  Apply-Online, By Post

  Activity- January, February

  Source: www.vit.ac.in

  B4S: www.b4s.in/UID/VITEEE

1. Engineering Cont…

- **(e) National Level Engineering Entrance Exams:**

Exam Name	**Website URL**
COMED-K	www.comedk.org
IPU-CET	www.ipu.ac.in
Manipal	www.admissions.manipal.edu
VITEEE	www.vit.ac.in
AMU	www.amucontrollerexams.com

1. Engineering Cont...

(f) State Level Engineering Exams

CG-PET	Andhra Pradesh EAMCET
Gujarat-CET	BCECE
IISC-Bangalore	COMEDK UGET
JK-BPEE CET	Karnataka CET
K-CET	KEAM
KEM-CET	RPET
Odisha -JEE	JCECE
UP-SEE	Goa CET
WB-JEE	Tripura JEE
KIIT	Assam CEE

2. Pure Science, Research & Mathematics

- **(a) Kishore Vaigyanik Protsahan Yojana (KVPY)**
- **Purpose**-Fellowship and admission to IISc Banglore in 4 year BS Degree

  Eligibility- Class 11, 12, UG, PG

  Apply-Online, in Person, By Post

  Activity- July to September

  Source: http://kvpy.iisc.ernet.in/main/index.htm

  B4S: www.b4s.in/UID/KVPY

2. Pure Science, Research & Mathematics

- **(b) National Entrance Screening Test (NEST)**
- **Purpose**-Admission in 5 year integrated M.Sc. programme in Biological, Chemical, Mathematical and Physical sciences in NISER or UM-DAE CBS.

  Eligibility-Class 12 (PCMB)

  Apply-Online, By Post

  Activity- January to March

  Source: www.nestexam.in/

  B4S: www.b4s.in/UID/NESTE

2. Pure Science, Research & Mathematics

- **(c) Indian Statistical Institute Admission**
- **Purpose**-Admission in B Stat (Hons), B Math (Hons), M Stat, M Math, MS (QE), MS (LIS), M Tech (CS), M Tech (QROR) and Research Fellowships.

  Eligibility-Class 12 (Maths, English)

  Apply-Online, By Post

  Activity- January, February

  Source: www.isical.ac.in/index.php

  B4S: www.b4s.in/UID/ISIAEE

2. Pure Science, Research & Mathematics

- **(d) Chennai Mathematical Institute Scholarship 2014**
- **Purpose-** Courses in BSc, MSc, PhD in Mathematics, Computer Science and Physics streams.

  Eligibility- Class 12th or Equivalent

  Apply- Online, In Person

  Scholarships: B.Sc. (Hons.): Rs. 5000 per month,

  Source: www.cmi.ac.in/

  B4S: www.b4s.in/UID/CMIAEE

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3. Medical

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NEET 2017 Seat Reservation

- There is provision for reservation of seats in government medical colleges under NEET 2017, under 15% All India Quota.

Category	Reservation percentage
Scheduled Caste	15%
Schedule Tribes	7.5%
OBC (as per a central act, seats are reserved for OBC candidates in Central institutions)	27%
Physically Handicapped*	3%

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NEET 2017 Cut off Marks

Category	Minimum Mark in 10+2 or HSC examination
General	50%
SC/ST/OBC	40%
PH/PWD	45%

Category	Qualifying Percentile
Unreserved	50th percentile
Scheduled Caste/Scheduled Tribes/ Other backward classes	40th percentile
Physically handicapped	45th percentile

Example - 2016 Cut off Marks

Category	Marks Range	Qualifying Criteria	No. of Candidates
Unreserved	685 - 145	50th Percentile	171329
OBC	678 - 118	40th Percentile	175226
SC	595 - 118	40th Percentile	47183
ST	599 - 118	40th Percentile	15710
Unreserved & PH	474 - 131	45th Percentile	437
OBC & PH	510 - 118	40th Percentile	597
SC & PH	415 - 118	40th Percentile	143
ST & PH	339 - 118	40th Percentile	36

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NEET Exam Pattern

- **Courses:** It is held for MBBS/BDS courses.
- **Number of Questions:** The question paper will contain total 180 multiple choice questions with single correct answer.
- **Subjects:** The paper will be asked from subjects as Physics, Chemistry, Zoology & Botany.
- **Language:** The question paper will be available in **10 languages**.
- **Mode of Exam:** The exam will be conducted in offline mode (pen and paper based mode).
- **Duration:** The exam duration will of 3 hours.
- **Marking Scheme:** 4 marks will be awarded for each correct response.
- **Negative Marking:** 1 mark will be deducted for each incorrect answer as negative marking.

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NEET 2017 Syllabus

- NEET syllabus will comprise of four subjects, i.e. Physics, Chemistry, Zoology and Botany.
- It will contain 11th & 12th board (**Central Board of Secondary Education** (abbreviated as **CBSE**) & **National Council of Educational Research and Training** (**NCERT**)) academic syllabus.
- Some questions will be asked from the other boards syllabus

Section	No. of Question	Marks
Physics	45	180
Chemistry	45	180
Zoology	45	180
Botany	45	180
Total	**180**	**720**

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Medical Colleges in Tamil Nadu

1. Chengalpattu Medical College, Chengalpattu
2. Coimbatore Medical College, Coimbatore
3. Kilpauk Medical College, Chennai
4. Madras MC, Chennai
5. Madurai Medical College, Madurai
6. Stanley Medical College, Chennai
7. Thanjavur Medical College, Thanjavur
8. Tirunelveli Medical College, Tirunelveli
9. K A P V G Medical College, Tiruchurapalli
10. T G M C, Thoothukudi
11. K G M C, Asaripallam
12. G V M C, Vellore
13. Theni M.C., Theni
14. G D M C, Dharampuri
15. G M C, Thiruvarur
16. G M C, Villupuram
17. ACS Medical College, Chennai
18. Annapoorna Medical College & Hospital, Salem
19. Chennai Medical College Hospital and research centre, Trichy
20. Chettinad Hospital & Research Institute, Kanchipuram
21. Christian Medical College, Vellore
22. D.D. Medical College and Hospital, Tiruvallur, Chennai
23. Dhanalakshmi Srinivasan Medical College and Hospital, Perambalur
24. Faculty of Medical Sciences & Research, Coimbatore
25. Government Sivgangai Medical College, Sivaganga
26. Karpaga Vinayaga Institute of Medical Sciences,Maduranthagam
27. Madha Medical College and Hospital, Thandalam, Chennai
28. Meenakshi Medical College and Research Institute, Enathur
29. Melmaruvathur Adiparasakthi Instt. Medical Sciences and Research
30. Mohan Kumaramangalam Medical College, Salem
31. Perunthurai Medical College and Institute of Road Transport, Perunthurai
32. PSG Institute of Medical Sciences, Coimbatore
33. Rajah Muthiah Medical College, Annamalainagar
34. Saveetha Medical College and Hospital, Kanchipuram
35. Shri Satya Sai Medical College and Research Institute, Kancheepuram
36. Sree Balaji Medical College and Hospital, Chennai
37. Sree Mookambika Institute of Medical Sciences, Kanyakumari
38. Sri Muthukumaran Medical College,Chennai
39. Sri Ramachandra Medical College & Research Institute, Chennai
40. SRM Medical College Hospital & Research Centre, Kancheepuram
41. Tagore Medical College and Hospital, Chennai
42. Vinayaka Missions Kirupananda Variyar Medical College, Salem

3. Medical

- **(a) NEET has replaced** (As per a Supreme Courts directive in 2016)

  All India Pre – Medical / Pre - Dental Entrance Test (AIPMT)

- **Purpose**-Admission to MBBS/BDS

  Eligibility-Class 12 (PCB)

  Apply-Online

  Activity- December, January

  Source: http://aipmt.nic.in/aipmt/Welcome.aspx

  B4S: www.b4s.in/UID/AIPMT

3. Medical

- **(b) All India Pre-Veterinary Test (AIPVT)**
- **Purpose**-Admission in 5 year B.V.Sc. & A.H. degree courses in Veterinary Colleges.

  Eligibility-Class 12 PCB

  Apply-Online, By Post

  Activity- January, February

  Source: www.vci.nic.in/forms/default.aspx

  B4S: www.b4s.in/UID/AIPVT

3. Medical

- **(c) UP Combined Medical Entrance Test UPCMET**
- **Purpose**-Admission in M.B.B.S

  Eligibility- Class 12 PCB

  Apply- Online, By Post

  Activity- April, May

  Source: www.upumcwa.org/index_ug.htm

  B4S: www.b4s.in/UID/UPCMET

3. Medical

(d) National Level Medical Entrance Exams:

S. No.	Exam Name	Website URL
1	AIIMS	http://aiimsexams.org/
2	CMC-Vellore	http://admissions.cmcvellore.ac.in/
3	CMC-Ludhiana	http://cmcludhiana.in/
4	COMED-K	www.comedk.org/
5	JIPMER	http://jipmer.edu.in/
6	Manipal (MBBS)	www.admissions.manipal.edu
7	MGIMS-Wardha	www.mgims.ac.in/
8	AMU (MBBS)	www.amu.ac.in/
9	BHU Medical	http://bhuonline.in

4. Marine / Defence

- **(a)National Defence Academy and Naval Academy Examination (I)**
- **Purpose**-Admission to Army and Air Force wings of NDA and 4 years B. Tech course for the Indian Naval Academy Course (INAC)

  Eligibility-Class 12, 12 Passed

  Apply-Online

  Source: www.upsc.gov.in/

  B4S: www.b4s.in/UID/NDANAE

4. Marine / Defence

- **(b) Indian Navy B.Tech Entry Scheme**
- **Purpose**-Admission in Indian Navy B.Tech course

  Eligibility-Class 12 passed

  Apply-Online

  Activity-December, January

  Source: www.nausena-bharti.nic.in/index.php

  B4S: www.b4s.in/UID/INBES

4. Marine / Defence

- **(c) Indian Navy Sailors Recruitment**
- **Purpose**-Admission in 24 weeks Basic training at INS Chilka followed by Professional training

  Eligibility- Class 12 (Maths and Physics / Chem. / Bio / Computer Science)

  Apply-Online, By Post

  Source: www.nausena-bharti.nic.in/index.php

  B4S: www.b4s.in/UID/INSR

4. Marine / Defence

- **(d) Indian Army Technical Entry Scheme (TES)**
- **Purpose**-Technical Entry to Army

  Eligibility-Class 12 PCM

  Apply-Online

  Source: www.joinindianarmy.nic.in/

  B4S: www.b4s.in/UID/IATES

4. Marine / Defence

- **(e) Indian Maritime University Common Entrance Test**
- **Purpose**-Admission in Diploma in Nautical Science (DNS) leading to BSc. (Nautical Science)

  Eligibility-Class 12 PCM

  Apply-By post

  Activity- November, December

  Source: www.imu.edu.in/index.php

  B4S: www.b4s.in/UID/IMUCET

5. Fashion & Design

- **(a) National Institute of Fashion Technology (NIFT) Entrance Test**
- **Purpose**-For Admission in Design, Management and Technology for the international fashion business

  Eligibility- Class 12, 12+, G

  Apply-Online, By Post

  Activity- October to January

  Source: www.nift.ac.in/

  B4S: www.b4s.in/UID/NIFT

5. Fashion & Design

- **(b) National Institute of Design Admissions**
- **Purpose**-Admission to 4 year GDPD & 2.5 Year PGDPD

  Eligibility- Class 12, 12+, G

  Apply-By Post

  Activity-September, October

  Source: www.admissions.nid.edu/

  B4S: www.b4s.in/UID/NID

5. Fashion & Design

- **(c) All India Entrance Examination for Design (AIEED)**
- **Purpose**-Admission in 4 years UG level programmes in Design

  Eligibility-Class 11, 12

  Apply- Online

  Activity- Series 1: November to February,

  Series 2: April, May

  Source: www.aieed.com/

  B4S: www.b4s.in/UID/AIEED

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5. Fashion & Design

(d) Design Schools and Exams:

1	Srishti School	http://srishti.ac.in/
2	School of Fashion Technology	www.softpune.com/
3	Pearl Academy	http://pearlacademy.com
4	Symbiosis Institute of Design	http://sid.edu.in/
5	Footwear Design and Development Institute	www.fddiindia.com/
6	Maeer's MIT Institute of Design	www.mitid.edu.in/
7	National Institute of Design	www.nid.edu/
8	National Institute of Fashion Design	www.nift.ac.in/
9	National Aptitude Test in Architecture	www.nata.in
10	Center for Environmental Planning and Technology (CEPT)	www.cept.ac.in/

6. Humanities & Social Science

- **(a) IIT Madras Humanities and Social Sciences Entrance Examination (HSEE)**
- **Purpose**-Admission in integrated Master of Arts (M.A.) programme

  Eligibility- Class 12

  Apply-Online

  Activity- December, January

  Source: http://hsee.iitm.ac.in/

  B4S: www.b4s.in/UID/IITMHSEE

6. Humanities & Social Science

- **(b) TISS Bachelors Admission Test (TISS-BAT)**
- **Purpose**-Admission in B.A. Social Sciences programme in any of three Campuses i.e. Tuljapur, Guwahati and Hyderabad

  Eligibility- Class 12, 12+

  Apply-Online

  Activity- February to April

  Source: http://campus.tiss.edu/

  B4S: www.b4s.in/UID/TISSBAT

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7. Languages

- **(a) The English and Foreign Languages University Hyderabad**

  Entrance Test

- **Purpose**-Admission for BA (Hons.) in English, Arabic, French, German, Russian and Spanish BCJ, B.Ed. (English)
- **Eligibility-**Class 12, G, PG

  Apply-Online

  Activity- November to January

  Source: www.efluniversity.ac.in/
- **B4S:** www.b4s.in/UID/TEAFL

7. Languages

- **(b) JNU Admission Entrance Exam**
- **Purpose**-Admission in of three-year B.A. (Hons.) programme in Foreign Languages

  Eligibility-Class 12, G, PG

  Apply-Online, By Post

  Activity- February, March

  Source: www.jnu.ac.in/

  B4S: www.b4s.in/UID/JNUAEE

8. Law

- **(a) Common Law Admission Test**
- **Purpose**- Admission in B.A. LL.B (Hons), B.Com. (Hons), BBA LL.B (Hons)

  Eligibility- Class 12, 12+

  Apply-Online, By Post

  Activity- January to April

  Source: https://clat.ac.in/

  B4S: www.b4s.in/UID/CLAT

8. Law

- **(b) Law School Admission Test LSAT India**
- **Purpose**-Admission in B.A.,LL.B (Hons), B.Com. (Hons), BBA LL.B (Hons)

  Eligibility- Class 12, Graduates

  Apply-Online

  Activity- November to April

  Source: www.pearsonvueindia.com/lsatindia/

  B4S: www.b4s.in/UID/LSAT

8. Law

- **(c) All India Law Entrance Test (AILET)**
- **Purpose**-Admission in B.A., LL.B. (Hons.), LLM, PhD

  Eligibility-Class 12, 12+, LLB, LLM

  Apply-Online, By Post

  Activity- February to April

  Source: www.nludelhi.ac.in/

  B4S: www.b4s.in/UID/AILET

8. Law

- **(d) Lloyd Entrance Test (LET)**
- **Purpose**-Admission in B.A., L.L.B- 5-year integrated course

  Eligibility-Class 12, 12+

  Apply-Online, By Post

  Activity- January to May

  Source: www.lloydlawcollege.com

  B4S: www.b4s.in/UID/LET

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9. University Admission

- **(a) Banasthali Vidyapith Admission**
- **Purpose**-Admission in Class 6, 9 & 11, College

  Eligibility-Class 5, 8, 10 Passed, 12 Passed (Only Girls)

  Apply- Online, Post

  Activity-February to May

  Source: www.banasthali.org

  B4S: www.b4s.in/UID/BVA

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CAMPUS
NAAC ACCREDITATION
HOW TO REACH BANASTHALI
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NEWS, EVENTS & ANNOUNCEMENTS
ONLINE PAYMENT

Higher Education

ACTIVITIES UNDER FIVE-FOLD EDUCATION PROGRAMME OF BANASTHALI UNIVERSITY

• National Service Scheme (NSS)	• Sports & Games (Hockey, Volley Ball, Tennis, Cricket, Kho-Kho, Kabbaddi, Handball, Throw Ball, Basket Ball, Net Ball, Soft Ball, Weight Tracing, Martial Art, badminton, Table Tennis, Rifle Shooting, Archery Range)
• Banasthali Sewa Dal (BSD)	
• Classical Dance (Kathak / Manipuri)	
• Orchestra	
• Music (Instrumental/ Vocal)	• Athletics (Track & Field)
• Theatre	• Horse Riding
• Creative Arts	• Swimming
• FM Radio (Editing, Anchoring, Program Design)	• Flying
• Informal Education	• Yoga
• Extension Programs for Women Empowerment	• Aerobics

9. University Admission

- **(b) BHU Undergraduate Entrance Test (BHU UET)**
- **Purpose**-Admission in UG programmes in BHU

  Eligibility-Class 12, 12+

  Apply-Online, By Post

  Activity- March, April

  Source: www.bhu.ac.in/

  B4S: www.b4s.in/UID/BHUUET

9. University Admission

- **(c) Central Universities Common Entrance Test (CUCET)**
- **Purpose**-Admission in UG & Integrated, PG & Research Programmes

  Eligibility-Class 12, UG

  Apply-Online, By Post

  Activity- March, April

  Source: www.cucet2014.co.in/

  B4S: www.b4s.in/UID/CUCET

10. Others

- **(a) All India Hotel management Entrance Exam NCHMCT**

  JEE

- **Purpose**-Admission in B.Sc. Hospitality & Hotel Administration

  Eligibility-Class 12

  Apply-Online

  Activity- December to April

  Source: www.nchmct.org/

  B4S: www.b4s.in/UID/NCHMCT

10. Others

- **(b) Indian Council of Agricultural Research ICAR AIEEA-UG-PG**
- **Purpose**-Admission in Bachelor, Master Degree Program, SRF (PGS) to Pursuing Ph.D in Agriculture and Allied Sciences at Agricultural Universities

  Eligibility-Class 12, UG, PG

  Apply-Online

  Activity- December to February

  Source: www.icar.org.in/

  B4S: www.b4s.in/UID/ICARAIEEA

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11. Other Entrance Test and Exams

1. Marine Engineering (MERI) Kolkata & B.Sc. Nautical Science Degree at T.S. Chanakya, Navi Mumbai)
2. Shipping Corporation of India Ltd., Trainee Navigation Officers CADETS (TNOC)
3. National Institute of Fashion Tech. (NIFT) for 6 Centres, New Delhi, Gandhi Nagger, Mumbai, Calcutta, Hyderabad, Chennai
4. Welcome Group graduates School of Hotel Administration, Manipal, Bachelors Degree in Hotel Management
5. UPSC, NDA/NA Examination

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11. Other Entrance Test and Exams

6. Indira Gandhi Rashtriya Uran Akademi Commercial Pilots Licence (CPL) Course
7. Institute of Management Studies, Ghaziabad, Bachelor of Business Management
8. Hotel Management, Joint Entrance Exam for 19 Colleges for 3 years, Diploma Course
9. Indian Institute of Technology Joint Entrance Examination IIT/JEE Advanced
10. CBSE PMT (MBBS/BDS) Exam NEET

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11. Other Entrance Test and Exams

11. Armed Forces Medical Colleges, Pune for MBBS
12. Institute of Advanced Management, Hotel Management College, Kolkata (3 years Diploma Course)
13. Indian Statistical Institute, Kolkata,3 years B. Statistics (Hons.)
14. AIIMS New Delhi
15. Veterinary College All India Entrance Exam (Council of India 5% seats in Veterinary Colleges)

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11. Other Entrance Test and Exams

16. Central Leather Research Institute, Adyar, Chennai
    - Certificate Course in Footwear/Leather Goods/& Leather Garments
    - Certificate courses in Tanning, Wet-finishing, Finishing
    - Diploma Courses in Leather Goods/Leather GarmentsUniversity of Delhi (Faculty of Technology),Combined Entrance Exam (CEE)
17. Mahatma Gandhi Institutional Medical Sciences, Wardha MBBS Course & Rehabilitation
18. MBBS/B. Pharma BHU All India Combined Competitive Written Entrance Test (PMT/PAT) Varanasi
19. All India Common Entrance Exam for Admission to Agriculture & Allied Subjects including Veterinary Sciences

11. Other Entrance Test and Exams

20. Mumbai University, BMS (Bachelor of Management Studies)
21. Indian Navy's Naval College of Engineering (Pune) SSB
22. Fashion Apparel Designing, Maharshi Karve Street, Shikshan Sanstha, Pune
23. School of Fashion Technology (In Collaboration with NIFT, Delhi)
24. Bachelor of Hospital Administration (BHA) 3 years after 12th from International Institute of Professional Studies, Devi Ahilya Vishwavidyalaya, Indore (M.P)

Source

1. www.careers360.com

2. https://www.successcds.net/MedicalCollege/medical-colleges-tamil%20nadu.html

3. http://www.motachashma.com/articles/jee-main-participating-institutes.php