

# Students' Handbook of Career Guidance after 12<sup>th</sup>

# 2022

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## Overview of Degree Courses after 12<sup>th</sup>

### Science-A Group (Physics, Chemistry & Mathematics) Engineering/Technology/Architecture/Design

Degrees / Branches	Duration	Professions
B. Tech. (Bachelor of Technology)	4 Years	Engineer, Mathematician, Scientist, Architect, Commercial Pilot, Astronaut, Naval Officer, Physicist, Statistician, Interior Designer, Fashion Designer, Automobile Designer, Town Planner, Chemist
B. E. (Bachelor of Engineering)	4 Years	
B. F. Tech. (Bachelor of Fashion Technology)	4 Years	
B. Arch. (Bachelor of Architecture)	5 Years	
B. Plan (Bachelor of Planning)	4 Years	
B.I.D (Bachelor of Interior Design)	4 Years	
B. Des. (Bachelor of Design)	4 Years	

#### Branches in Engineering/Technology

Aerospace	Computer Science	Industrial	Mining Machinery
Agricultural & Food	Electrical	Instrumentation	Naval Architecture
Architecture	Electronics	Manufacturing Science	Ocean Engineering
Automobile	Electronics & Communication	Marine	Petroleum
Biochemical	Electronics & Electrical	Materials Science	Plastic
Biological Sciences	Electronics & Electrical Com.	Mathematics & Computing	Polymer Science
Biotechnology	Electronics & Instrumentation	Mechanical	Production
Ceramic	Engineering Physics	Metallurgical	Textile Technology
Chemical	Engineering Science	Mineral	
Civil	Environmental	Mining	

### Science-B Group (Physics, Chemistry & Biology)

#### Medicine & Surgery/ Ayurveda/ Unani/ Homeopathy/ Agriculture & Allied Sciences/ Paramedical/ Nursing/ Rehabilitation Sciences

Degrees / Branches	Duration	Professions
MBBS (Bachelor of Medicine & Bachelor of Surgery)	5½ Years	Doctor (Anaesthetist, Cardiologist, Dermatologist, Endocrinologist, Gastroenterologist, General Surgeon, Gynaecologist, Haematologist, Neonatologist, Nephrologist, Neurologist, Oncologist, Ophthalmologist, Orthopaedic Surgeon, Otolaryngologist, Paediatrician, Pathologist, Physician, Psychiatrist, Pulmonologist, Radiologist, Urologist,) Dentist, Homeopathic Doctor, Ayurvedic Doctor, Naturopathic Doctor, Unani Doctor, Veterinary Doctor, Nurse, Optometrist, Occupational Therapist, Physiotherapist, Trauma Therapist, Pharmacist, Orthotist/Prosthetist, Audiology & Speech Therapist, Rehabilitation Therapist, Agriculturist, Sericulturist, Aquaculturist Etc.
BDS (Bachelor of Dental Surgery)	5 Years	
BAMS (Bachelor of Ayurvedic Medicine & Surgery)	5½ Years	
BSMS (Bachelor of Siddha Medicine & Surgery)	5½ Years	
BNYS (Bachelor of Naturopathy & Yogic Sciences)	5 Years	
BHMS (Bachelor of Homeopathic Medicine & Surgery)	5½ Years	
BUMS (Bachelor of Unani Medicine & Surgery)	5½ Years	
B. Sc. (Nursing) (Bachelor of Science (Nursing))	4 Years	
B. Optom. (Bachelor of Optometry)	4 Years	
BOT (Bachelor of Occupational Therapy)	4 Years	
BPT (Bachelor of Physiotherapy)	4½ Years	
B.Sc. (Trauma Care Management)	4 Years	
Pharm. D. (Doctor of Pharmacy)	6 Years	
B. Pharma (Bachelor of Pharmacy)	4 Years	
B. Pharm (Ayu) (Bachelor of Pharmacy (Ayurveda))	4 Years	
B.P.O (Bachelor in Prosthetics & Orthotics)	4 Years	
B. ASLP (Bachelor in Audiology & Speech Language pathology)	4 Years	
B. R. Sc. (Bachelor in Rehabilitation Science)	3 Years	
B.Sc. (Agriculture) ((Bachelor of Science (Agriculture))	4 Years	
B. Sc. (Sericulture) ((Bachelor in Science (Sericulture))	4 Years	
B. V. Sc. (Bachelor of Veterinary Sciences)	4 Years	
B. F. Sc. (Bachelor of Fisheries Sciences)	4 Years	

## Commerce

Degrees / Branches	Duration	Professions
B.Com.	3 Years	Accountant, Actuary, Auditor, Banker, Certified Finance Analyst, Certified Financial Planner, Certified Investment Analyst, Certified Investment Banker, Certified Stock Broker, Chartered Accountant, Company Secretary, Cost and Works Accountant, Economist, Finance Analyst, Finance Consultant, Finance Controller, Finance Manager, Finance Planner, Investment Analyst, Portfolio Manager, Statistician, Stock Broker, Tax Auditor, Tax Consultant
B.Com.(Hons.)	3 Years	
B.Sc.(Finance)	3 Years	
BBA(Finance)	3 Years	
BFA(Financial Accounting)	3 Years	
B.Com. (Professional)	3 Years	

## Higher Certifications in Pure Commerce

Certification	Website	Certification	Website
CA (Chartered Accountant)	<a href="http://www.icai.org">www.icai.org</a>	CSB (Certified Stock Broker)	<a href="http://www.nism.ac.in">www.nism.ac.in</a>
CS (Company Secretary)	<a href="http://www.icsi.edu">www.icsi.edu</a>	CIA (Certified Investment Analyst)	<a href="http://www.nism.ac.in">www.nism.ac.in</a>
CWA (Cost and Works Accountant)	<a href="http://www.icwai.org">www.icwai.org</a>	Certified Actuary	<a href="http://www.actuariesindia.org">www.actuariesindia.org</a>
CFA (Certified Finance Analyst)	<a href="http://www.cfainstitute.org">www.cfainstitute.org</a>	NSE Certifications	<a href="http://www.nseindia.com">www.nseindia.com</a>
CFP (Certified Financial Planner)	<a href="http://www.cfp.net">www.cfp.net</a>	BSE Certifications	<a href="http://www.bsebti.com">www.bsebti.com</a>
CIB (Certified Investment Banker)	Various Private Institutions		

## Arts/Humanities

Degrees / Branches	Duration	Professions
BA (Bachelor in Arts)	3 Years	Anthropologist, Archaeologist, Curator, Economist, Editor, Geographer, Historian, Journalist, Language Trainer, Philosopher, Political Scientist, Psychologist, Restorer, Social Worker, Sociologist, Teacher, Translator, Writer

## Specializations in Bachelor of Arts

Applied Psychology	Journalism	Social Work	Museology	History
Economics	Philosophy	Sociology	Public Administration	Psychology
Geography	Political Science	Archaeology	Indian/Foreign Language	Anthropology

Thank God

## Professional Careers after 12th (PCAT)

General Degree Courses available after any stream in 12th

<b>LAW</b>	<b>Degrees / Branches</b>	<b>Duration</b>	<b>Professions</b>
	B.Sc. LLB (Bachelor in Science & Bachelor in Law)	5 Years	Litigator, Lawyer, Advocate, Social Activist, Diplomat, Judicial Magistrate, Judge, Professor, Legal Advisor, Corporate Legal Consultant, Arbitrator, Conciliator, Mediator Etc.
	BA LLB (Bachelor in Arts & Bachelor in Law)	5 Years	
	B.Com. LLB (Bachelor in Commerce & Bachelor in Law)	5 Years	
	BBA LLB (Bachelor in Business Admin. & Bachelor in Law)	5 Years	
	BLS LLB (Bachelor in Liberal Arts & Bachelor in Law)	5 Years	
	BSW LLB (Bachelor in Social Work & Bachelor in Law)	5 Years	
	B.Tech. LLB (Bachelor in Technology & Bachelor in Law)	6 Years	
<b>BUSINESS MANAGEMENT</b>		<b>Duration</b>	<b>Professions</b>
	BBA (Bachelor in Business Administration)	3 Years	Executive, Manager, Administrator, Head or Consultant in the fields of Marketing/ HR/ Finance/ Systems & Operations/ IT , Entrepreneur, Family Business Owner Etc. Event Manager, Party Organiser, Wedding Planner
	BMS (Bachelor in Management Studies)	3 Years	
	BBS (Bachelor in Business Studies)	3 Years	
	BBM (Bachelor in Business Management)	3 Years	
	BBA+MBA Integrated Programme in Management	5 Years	
<b>HOTEL MANAGEMENT</b>		<b>Duration</b>	<b>Professions</b>
	B. Sc. (Hospitality & Hotel Administration)	3 Years	Caterer, Hotelier, Chef, Travel Manager, F&B Manager, Housekeeping Manager, Front Office Manager, Sales & Marketing Manager, Air Crew, Ship Crew, Defence Personnel, Restaurateur
	BA (Hons.) in Hotel Management	4 Years	
	BA (Hons.) in Culinary Arts	4 Years	
	B.Tech. (Hotel Management & Catering Technology)	4 Years	
<b>LIBERAL STUDIES</b>		<b>Duration</b>	<b>Professions</b>
	BA (Hons.) with Diploma in Liberal Arts	3/4 Years	Refer Arts/ Commerce/ Science or any other specialisation which you Major in.
	BBA (Hons.) with Diploma in Liberal Arts	3/4 Years	
	B Com. (Hons.) with Diploma in Liberal Arts	3/4 Years	
	B Sc. (Hons.) with Diploma in Liberal Arts	3/4 Years	
<b>MASS COMMUNICATION</b>		<b>Duration</b>	<b>Professions</b>
	BMM (Bachelor in Mass Media)	3 Years	Anchor, Reporter, Journalist, Correspondent, Editor, Copywriter, Content Writer, Creative Writer, Director, Cinematographer, Media Programmer, Public Relations Specialist
	BMC (Bachelor in Mass Communication)	3 Years	
	BMS (Bachelor in Media Studies)	3 Years	
	BJMC (Bachelor in Journalism & Mass Communication)	3 Years	
	BA in Journalism/ Communication & Media	3 Years	
<b>ECONOMICS</b>		<b>Duration</b>	<b>Professions</b>
	BA (Hons.) Economics	3 Years	Economist, Financial Risk/ Investment/ Market Research/ Actuarial/ Data Analyst, Economic Journalist, Statistician Etc.
	B.Sc. (Hons.) Economics	3 Years	

## SOCIAL WORK

	Duration	Professions
BSW (Bachelor in Social Work)	3 Years	Social Activist, Social Worker, Rural Development
BA (Social Work)	3 Years	Officer, Volunteer with an NGO, Community
BSW+MSW (Bachelor + Master in Social Work)	5 Years	Worker, Politician, Child and Women Welfare
BRS (Bachelor in Rural studies)	3 Years	Worker Etc.

## PURE SCIENCE / COMPUTER APPLICATIONS

	Duration	Professions
BCA (Bachelor in Computer Applications)	3 Years	Programmer, IT Manager, System Manager,
BCA+MCA (Bachelor + Master in Computer Applications)	5 Years	Network/ Software Engineer, Ethical Hacker,
B.Sc./B.Sc.(Hons.) (Bachelor of Sci./Bachelor of Sci.(Hons.))	3 Years	Animator, Game/ Web/ Application Designer,
B. Math. (Bachelor of Mathematics)	4 Years	Mathematician, Scientist, Commercial Pilot,
B. Stat. (Bachelor of Statistics)	4 Years	Astronaut, Naval Officer, Physicist, Statistician,
BS-MS Integrated (Bachelor of Sci.-Master of Sci. Integrated)	5 Years	Automobile Designer, Chemist Etc.
BCA (Bachelor of Computer Applications)	3 Years	
BBA-IT (Bachelor of Business Administration (Info. Tech.))	3 Years	

## DESIGN / FINE ARTS / VISUAL ARTS

	Duration	Professions
B.Des.(Bachelor in Design)	3 Years	Apparel, Automobile, Ceramic, Exhibition, Fashion,
BFA (Bachelor in Fine Arts)	3 Years	Furniture, Game, Graphic, Industrial, Interior, Life
BVA (Bachelor in Visual Arts)	3 Years	Style Accessory, Photography, Product, Textile, Toy
B.Cr.A(Bachelor in Creative Arts)	3 Years	Designer Etc.

## SPORTS

	Duration	Professions
BBA(Sports Management)	3 Years	Sports Manager, Player, Coach, Physical Trainer, Teacher, Athlete,
BA(Sports Management)	3 Years	Announcer, Commentator, Sports Analyst, Equipment Manager, Referee etc.
BPE (Bachelor in Physical Education)	3 Years	

## PERFORMING ARTS

	Duration	Professions
BPA (Bachelor in Performing Arts)	3 Years	Actor or Actress, Ballet or Modern dancer, Choreographer, Composer, Conductor,
Music, Acting, Singing Etc.		Dancer, Director, Dramatist, Musician, Performer, Screenwriter, Singer, Talent
		Manager, Theatre Artist, Trainer/Teacher, Vocalist

Thank God

## Medical Courses

### The Courses Offered Through NEET 2021 :

- ✓ MBBS (Bachelor of Medicine and Bachelor of Surgery)
- ✓ BDS (Bachelor of Dental Surgery)
- ✓ BHMS (Bachelor of Homeopathic Medicine and Surgery)
- ✓ BAMS (Bachelor of Ayurvedic Medicine and Surgery)
- ✓ BUMS (Bachelor of Unani Medicine and Surgery)
- ✓ BSMS (Bachelor of Siddha Medicine and Surgery)
- ✓ BSc Nursing (Honors)

### MBBS (2021-2022) Government Medical seats provisional cut off allotted ( in Approximate)

OC	-	527 / 720	SC	-	391 / 720
BC	-	503 / 720	SCA	-	327 / 720
MBC/DNC	-	480 / 720	ST	-	330 / 720

### Paramedical Course Cut off marks Calculation :

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Physics Mark[100] / 4 + Chemistry Mark[100] / 4 + Biology Mark[100] / 2 = Paramedical Cut Off Mark  
[For 100] **OR**

(Botany[100] / 4) + (Zoology[100] / 4) + ( Chemistry[100] / 4 ) + ( Physics[100] / 4 ) = Paramedical Cut Off Mark

( Note : work hard to get above 90 for best government colleges)

### The Tamil Nadu Dr. M. G. R . Medical University

#### **Allied Health Sciences (U. G. Degree) :**

- Bachelor of Physiotherapy (B.P.T.)
- Bachelor of Pharmacy (B.Pharm.)
- Bachelor of Science in Nursing (Basic) B.Sc.(N)
- Post Basic Bachelor of Science in Nursing P.B.B.Sc.(N)
- Bachelor of Occupational Therapy (B.O.T.)

1. B.Sc. - Accident & Emergency Care Technology
2. B.Sc. - Audiology & speech Language Pathology
3. B.Sc. - Cardiac Technology
4. B.Sc. - Cardio Pulmonary Perfusion Care Technology
5. B.Sc. - Critical Care Technology
6. B.Sc. - Dialysis Technology
7. B.Sc. - Neuro Electrophysiology
8. B.Sc. - M.L.T.
9. B.Sc. - Medical Sociology
10. B.Sc. - Nuclear Medicine Technology

11. B.Sc. - Operation Theatre & Anaesthesia Technology
12. B.Sc - Optometry
13. B.Sc. - Physician Assistant
14. Bachelor of Science in Prosthetics & Orthotics
15. B.Sc. - Radiography and Imaging Technology
16. B.Sc. - Radiotherapy Technology
17. B.Sc. - Medical Record Science
18. B.Sc. - Respiratory Therapy
19. B.Sc. - Fitness and Lifestyle Modifications
20. B.Sc. - Clinical Nutrition
21. B.Sc. – Microbiology

**Diploma Courses :**

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- |   |                                    |
|---|------------------------------------|
| ➤ Accident & Emergency Care Technology      | ➤ Scope Support Technology         |
| ➤ Critical Care Technology                  | ➤ Medical Record Science           |
| ➤ Health Care Aide (as per 245th GC)        | ➤ Optometry Technology             |
| ➤ Operation Theatre & Anesthesia Technology | ➤ Radiography & Imaging Technology |
| ➤ Ophthalmic Assistant                      | ➤ Medical Lab Technology           |
| ➤ Podiatry                                  | ➤ Cardiac Non Invasive Technology  |
|   | ➤ Dialysis Technology              |

**Para Dental Courses :**

- |                    |                    |                                   |
|--------------------|--------------------|-----------------------------------|
| ➤ Dental Hygienist | ➤ Dental Mechanics | ➤ Dental Operating Room Assistant |
|--------------------|--------------------|-----------------------------------|

**Diploma Course :**

- Diploma in Hearing, Language and Speech(DHLS)



**Certificate Course :**

1. Certificate Course in Home Health Care Aid
2. Cytogenetic
3. Geriatrics
4. HIV
5. Intensive Care
6. Clinical Immunology

**List of Medical Colleges in Ranking 2021**

**National Institutional Ranking Framework**

[Ministry of Human Resource Development Government of India]

S.No	Name	City	Rank
1	Christian Medical College	Vellore	3
2	Amrita Vishwa Vidyapeetham	Coimbatore	6
3	Sri Ramachandra Institute of Higher Education and Research <a href="http://www.kalviamuthu.com">www.kalviamuthu.com</a>	Chennai	14
4	Madras Medical College and Government General Hospital	Chennai	16
5	SRM Institute of Science and Technology	Chennai	20
6	Saveetha Institute of Medical and Technical Sciences	Chennai	27
7	PSG Institute of Medical Sciences & Research	Coimbatore	33
8	Annamalai University	Annamalai Nagar	40
9	Tirunelveli Medical College	Tirunelveli	48
10	Chettinad Hospital and Research Institute	Kelambakkam, Chengalpattu District	49

## List of Government Medical Colleges in TamilNadu - 2022

SL. NO	College Name	Location	District	Estd.	Type
1	Madras Medical College	Chennai	Chennai	1835	Medical
2	Stanley Medical College	Royapuram, Chennai	Chennai	1938	Medical
3	Madurai Medical College	Madurai	Madurai	1954	Medical
4	Thanjavur Medical College	Thanjavur	Thanjavur	1958	Medical
5	Government Kilpauk Medical College	Chetpet, Chennai	Chennai	1960	Medical
6	Chengalpattu Medical College	Chengalpattu	Kanchipuram	1965	Medical
7	Kanyakumari Government Medical College	Kanyakumari	Kanyakumari	1965	Medical
8	Coimbatore Medical College	Coimbatore	Coimbatore	1966	Medical
9	Tirunelveli Medical College	Tirunelveli	Tirunelveli	1966	Medical
10	Mohan Kumaramangalam Medical College	Salem	Salem	1986	Medical
11	IRT Perundurai Medical College	Perundurai	Erode	1986	Medical
12	Government Cuddalore Medical College and Hospital	Chidambaram	Chidambaram	1985	Medical
13	Government Erode Medical College and Hospital	Perundurai	Erode	1992	Medical
14	Government Vellore Medical College and Hospital	Vellore	Vellore	2005	Medical
15	K.A.P.Viswanatham Government Medical College	Trichy	Tiruchirappalli	1997	Medical
16	Thoothukudi Government Medical College	Thoothukudi	Thoothukudi	2000	Medical
17	Government Theni Medical College	Theni	Theni	2004	Medical

18	Government Vellore Medical College	Adukamparai	Vellore	2005	Medical
19	Government Thiruvarur Medical College	Thiruvarur	Thiruvarur	2007	Medical
20	Government Dharmapuri Medical College	Dharmapuri	Dharmapuri	2008	Medical
21	Government Villupuram Medical College	Villupuram	Villupuram	2011	Medical
22	Government Sivagangai Medical College and Hospital	Sivaganga	Sivaganga	2012	Medical
23	Government Tiruvannamalai Medical College and Hospital	Tiruvannamalai	Tiruvannamalai	2013	Medical
24	Government Medical College, Chennai	Omandurar Government Estate	Chennai	2015	Medical
25	Pudukkottai Government Medical College and Hospital	Pudukkottai	Pudukkottai	2017	Medical
26	Government Medical College Hospital	Karur	Karur	2019	Medical
27	Government Namakkal Medical College and Hospital	Namakkal	Namakkal	2022	Medical
28	Government Tiruppur Medical College and Hospital	Tiruppur	Tiruppur	2022	Medical
29	Government Tiruvallur Medical College and Hospital	Tiruvallur	Tiruvallur	2022	Medical
30	Government Ramanathapuram Medical College and Hospital	Ramanathapuram	Ramanathapuram	2022	Medical
31	Government Ariyalur Medical College and Hospital	Ariyalur	Ariyalur	2022	Medical
32	Government Nagapattinam Medical College and Hospital	Nagapattinam	Nagapattinam	2022	Medical
33	Government Dindigul Medical College and Hospital	Dindigul	Dindigul	2022	Medical

34	Government Kallakurichi Medical College and Hospital	Kallakurichi	Kallakurichi	2022	Medical
35	Government Virudhunagar Medical College and Hospital	Virudhunagar	Virudhunagar	2022	Medical
36	Government Krishnagiri Medical College and Hospital	Krishnagiri	Krishnagiri	2022	Medical
37	Government The Nilgiris Medical College and Hospital	Udhagamandalam	Nilgiris	2022	Medical

### **Engineering Colleges in TamilNadu - 2021**

S.No	REGION – WISE COLLEGES (552)	AFFILIATED COLLEGES (DISTRICT–WISE)	
1	CHENNAI (165) (HEAD QUARTERS)	CHENNAI (8) TIRUVALLUR (42) VELLORE (18)	KANCHEEPURAM (73) TIRUVANNAMALAI (9) VILLUPURAM (15)
2	COIMBATORE (189)	COIMBATORE (85) ERODE (15) KRISHNAGIRI (5) SALEM (24) TIRUPPUR (8)	DHARMAPURI (6) KARUR (7) NAMAKKAL (37) THE NILGIRIS (2)
3	TIRUCHIRAPPALLI (83)	ARIYALUR (3) NAGAPPATTINAM (6) PUDUKKOTTAI (12) TIRUCHIRAPPALLI (32)	CUDDALORE (5) PERAMBALUR (10) THANJAVUR (12) TIRUVARUR (3)
4	MADURAI (45)	DINDIGUL (16) RAMANATHAPURAM (3) THENI (4)	MADURAI (13) SIVAGANGA (9)
5	TIRUNELVELI (70)	KANYAKUMARI (30) TUTICORIN (10)	TIRUNELVELI (18) VIRUDHUNAGAR (12)

## College of Engineering, Anna University- Guindy Chennai

### Engineering Courses Offered in UG :

- B.E Civil Engineering (Tamil and English Medium)
- B.E Geo Informatics
- B.E Mechanical Engineering (Tamil and English Medium)
- B.E Material Science and Engineering
- B.E Industrial Engineering
- B.E Manufacturing Engineering
- B.E Mining Engineering
- B.E Printing and Packaging Technology
- B.E Electrical and Electronics Engineering
- B.E Electronics and Communication Engineering
- B.E Biomedical Engineering
- B.E. Computer Science and Engineering
- B.Tech. Information Technology

### Difference Between B.E and B.Tech :

<b>B.E ( Bachelor in Engineering)</b>	<b>B.Tech ( Bachelor in Technology)</b>
It focuses on theoretical knowledge needed to innovate technology and make new technical gadgets	It focuses on application and skill based study and is useful if one is interested in modifying structures to enhance their quality
B.E is considered a knowledge oriented course where more emphasis is given on the theoretical part of the curriculum	B. Tech is skill oriented which gives more emphasis on practicals
Industrial visits and internship might be essential part of the curriculum	Industrial visits and internships are necessary for B. Tech courses

## TNEA Cutoff Mark Calculation :

Cutoff Mark (For 200) = (Mathematics[100]) + (Physics[100]/2) + (Chemistry[100]/2)

( Note : work hard to get above 190 for best government colleges)

## List of Engineering Colleges in Ranking - 2021

**National Institutional Ranking Framework**

[Ministry of Human Resource Development Government of India]

S.No	Name	City	Rank
1	Indian Institute of Technology Madras	Chennai	1
2	National Institute of Technology Tiruchirappalli	Tiruchirappalli	9
3	Vellore Institute of Technology	Vellore	12
4	Amrita Vishwa Vidyapeetham	Coimbatore	16
5	Anna University	Chennai	18
6	SRM Institute of Science and Technology <a href="http://www.kalviamuthu.com">www.kalviamuthu.com</a>	Chennai	34
7	Shanmugha Arts Science Technology & Research Academy	Thanjavur	38
8	Sri Sivasubramaniya Nadar College of Engineering	Kancheepuram	45
9	PSG College of Technology	Coimbatore	53
10	Sathyabama Institute of Science and Technology	Chennai	55
11	Kalasalingam Academy of Research and Higher Education	Srivilliputtur	56
12	Thiagarajar College of Engineering	Madurai	71
13	Sri Krishna College of Engineering and Technology	Coimbatore	78
14	Indian Institute of Food Processing Technology (IIFPT)	Thanjavur	81
15	Kumaraguru College of Technology	Coimbatore	90
16	Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology	Chennai	93

17	Karunya Institute of Technology and Sciences	Coimbatore	105
18	Sri Sairam Engineering College	Kancheepuram	109
19	Rajalakshmi Engineering College	Chennai	110
20	B. S. Abdur Rahman Crescent Institute of Science and Technology	Chennai	112
21	Saveetha Institute of Medical and Technical Sciences	Chennai	121
22	Mepco Schlenk Engineering College	Sivakasi	124
23	Vels Institute of Science, Technology & Advanced Studies (VISTAS)	Chennai	125
24	Government College of Technology	Coimbatore	128
25	PSG Institute of Technology and Applied Research	Coimbatore	131
26	Sri Krishna College of Technology	Coimbatore	137
27	Kongu Engineering College	Perundurai	164
28	Annamalai University	Annamalainagar	166
29	R.M.K. Engineering College	Thiruvallur	170
30	Hindustan Institute of Technology and Science (HITS)	Chennai	172
31	Sri Ramakrishna Engineering College	Coimbatore	175
32	St. Josephs College of Engineering	Kancheepuram	183
33	Easwari Engineering College	Chennai	189
34	National Engineering College	Kovilpatti	191
35	Sona College of Technology	Salem	192

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Thank God

**Tamil Nadu Agricultural University**  
**(Coimbatore)**

**Degree Courses :**

- |  |   |
|--|---|
| B. Sc. (Hons.) (Agriculture)                 | B. Tech. (Energy and Environmental Engineering) |
| B. Sc. (Hons.) Horticulture                  | B. Tech. (Bioinformatics)                       |
| B. Sc. (Hons.) Forestry                      | B. S. (Agribusiness Management)                 |
| B. Sc. (Hons.) Food, Nutrition and Dietetics | B. Tech. (Agricultural Information Technology)  |
| B. Tech. (Agricultural Engineering)          |   |
| B. Sc. (Hons.) Sericulture                   |   |
| B. Tech. (Food Technology)                   |   |
| B. Tech. (Biotechnology)                     |   |

**Faculty of Agriculture**

- |                               |                               |
|-------------------------------|-------------------------------|
| ➤ Economics                   | ➤ Genetics and Plant Breeding |
| ➤ Extension Education         | ➤ Plant Genetic Resource      |
| ➤ Agri Business Management    | ➤ Molecular Plant Breeding    |
| ➤ Agronomy                    | ➤ Seed Science and Technology |
| ➤ Meteorology                 | ➤ Entomology                  |
| ➤ Plant Physiology            | ➤ Nematology                  |
| ➤ Environmental Sciences      | ➤ Plant Pathology             |
| ➤ Soil Science                | ➤ Sericulture                 |
| ➤ Microbiology                | ➤ Biotechnology               |
| ➤ Nano science and Technology | ➤ Statistics                  |
| ➤ Geoinformatics              |                               |

**Faculty of Horticulture**

- |  |                     |
|--|---------------------|
| ✓ Floriculture & Landscape Gardening               | ✓ Vegetable Science |
| ✓ Spices, Plantation, Medicinal and Aromatic Crops | ✓ Fruit Science     |

**Faculty of Agricultural Engineering**

- |   |                                    |
|---|------------------------------------|
| • Land and Water Management Engineering | • Agricultural Process Engineering |
| • Farm Machinery and Power              | • Environmental Engineering        |
| • Bioenergy                             | • Storage Engineering              |

**Faculty of Forestry - Forestry**

**Faculty of Home Science - Food Nutrition & Dietetics**



- Diploma in Agriculture
- Diploma in Horticulture

### **Constituent Colleges :**

- |                         |  |
|-------------------------|--|
| 1. AC & R I, Coimbatore | 9. HC & RI for Women, Trichy               |
| 2. HC& RI, Coimbatore   | 10. AC & RI, Killikulam, Tirunelveli       |
| 3. AEC & RI, Coimbatore | <b>11. HC &amp; RI, Periyakulam, Theni</b> |
| 4. SPGS, Coimbatore     | 12. FC & RI, Mettupalayam                  |
| 5. AC & RI, Madurai     | 13. AC & RI, Eachangkottai, Thanjavur      |
| 6. CSC& RI, Madurai     | 14. AC & RI, Kudumiyamalai, Pudukkottai    |
| 7. AEC&RI, Trichy       | 15. AC & RI, Vazhavachanur, Tiruvannamalai |
| 8. ADAC & RI, Trichy    |  |

### **Agriculture Cut Off Marks Calculation:**

Tamil Nadu Agriculture Cut-off [For 200] = (Biology or CS / 2) + (Maths / 2) + (Chemistry / 2) + (Physics / 2)

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( Note : work hard to get above 190 for best government colleges)

### **Affiliated Colleges :**

1. Adhiparasakthi Agricultural College, Kalavai, Vellore District – 632 506.
2. Adhiparasakthi Horticulture College, Kalavai, Vellore District – 632 506.
3. Thanthai Roever Institute of Agriculture & Rural Development, Perambalur – 621 212.
4. Vanavarayar Institute of Agriculture, Manakkadavu, Pollachi – 642 103.
5. Imayam Institute of Agriculture & Technology, Kannanur, Thuraiyur, Trichy District - 613 402
6. PGP College of Agricultural Sciences, Palani Nagar, Sendhamangalam Road, Namakkal – 637 405
7. RVS Agriculture College, Usilampatti, Thanjavur – 613 402
8. College of Agricultural Technology, Kullapuram, Theni District – 625 562.
9. Kumaraguru Institute of Agriculture, Sakthi Nagar, Erode District – 638 315
10. J.K.K. Munirajah College of Agricultural Science, TN Palayam, Gobi (TK), Erode District – 638 506
11. Don Bosco College of Agriculture, Takkolam, Arakkonam (TK), Vellore District – 631 151

12. RVS Padmavathy College of Horticulture, Sembatti, Dindigul District – 624 707
13. JSA College of Agriculture & Technology, Podaiyur 606 108, Tittagudi Taluk, Cuddalore District
14. SRS Institute of Agriculture & Technology, Vedachandur 624 710, Dindigul District
15. S Thangapazham Agricultural College, Vasudevanallur - 627 760, Tirunelveli District
16. Sethu Bhaskara Agricultural College & Research Foundation, Visalayankottai, Karaikudi, Sivagangai District – 630 306.
17. Nammazhvar College of Agriculture & Technology, Peraiyur Post, Kamuthi Tk., Ramanathapuram District – 623 708
18. Adhiyamaan College of Agriculture & Research, Athimugam Village, Shoolagiri Taluk, Hosur – 635 109, Krishnagiri District
19. Krishna College of Agriculture & Technology, Srirangapuram, Thoddapanaickanur BPO, Usilampatti – 625 532, Madurai District
20. The Indian Agricultural College, Raja Nagar, Radhapuram – 627 111 Tirunelveli District
21. Nalanda College of Agriculture, Nedungur, Trichy - 621 105
22. Aravindhar Agricultural Institute of Technology, Aravindhar Nagar, Thenpallipattu Village, Kalasapakkam Taluk, Thiruvannamalai.
23. Palar Agricultural College, Kothamarikuppam Village, Mailpatti (PO), Mailpatti (PO), Vellore.
24. Dhanalakshmi Srinivasan Agriculture College, Thuraiyur Main Road, Perambalur.
25. Mother Terasa College of Agriculture, Mettusalai, Illuppur (PO), Pudukkottai.
26. Pushkaram College of Agriculture Sciences, Veppangudi Village, Thiruvarangulam (PO), Alangudi Taluk, Pudukkottai.
27. MIT College of Agriculture and Technology, Vellalappatti, Mangalam village, Musiri, Trichy – 621 211.
28. Jaya Agricultural College, Arakkonam, Thiruvalangadu High Road, Vyasapuram - 631 210, Thiruttani Taluk, Thiruvallur District.

**GOVT / AIDED / CONSTITUENT / SELF FINANCE ARTS and SCIENCE COLLEGES AND  
EDUCATIONAL COLLEGES LIST - 2021**

(DIRECTORATE OF COLLEGIATE EDUCATION, CHENNAI )  
(1553 COLLEGES)

S.N	Region	Colleges
1	Chennai	164
2	Coimbatore	180
3	Dharmapuri	231
4	Madurai	260
5	Thanjavur	124
6	Tirunelveli	171
7	Trichy	147
8	Vellore	276
	<b>Grand Total</b>	1553

**B.Sc Courses List :**

- |                                  |                                   |   |
|----------------------------------|-----------------------------------|---|
| ➤ B.Sc. Biochemistry             | ➤ B.Sc. Home Science              | ➤ B.Sc. Physiotherapy                   |
| ➤ B.Sc. Biology                  | ➤ B.Sc. Electronics               | ➤ B.Sc. Radiology                       |
| ➤ B.Sc. Physics                  | ➤ B.Sc. Forestry                  | ➤ B.Sc. Bioinformatics                  |
| ➤ B.Sc. Chemistry                | ➤ B.Sc. Genetics                  | ➤ B.Sc. Anthropology                    |
| ➤ B.Sc. Mathematics              | ➤ B.Sc. Animation                 | ➤ B.Sc. Microbiology                    |
| ➤ B.Sc. Computer<br>Science      | ➤ B.Sc. Aquaculture               | ➤ B.Sc. Forensic Science                |
| ➤ B.Sc. Botany                   | ➤ B.Sc. Aviation                  | ➤ B.Sc. Agriculture                     |
| ➤ B.Sc. Zoology                  | ➤ B.Sc. Medical<br>Technology     | ➤ B.Sc. Pathology                       |
| ➤ B.Sc. Environmental<br>Science | ➤ B.Sc. Nautical Science          | ➤ B.Sc. Speech Therapy                  |
| ➤ B.Sc. Statistics               | ➤ B.Sc. Information<br>Technology | ➤ B.F.Sc. (Fisheries<br>Science)        |
| ➤ B.Sc. Aeronautical<br>Science  | ➤ B.Sc. Interior Design           | ➤ B.Sc. Horticulture                    |
| ➤ B.Sc. Software<br>Engineering  | ➤ B.Sc. Biotechnology             | ➤ B.Sc. Genetics                        |
| ➤ B.Sc. Dietetics                | ➤ B.Sc. Nursing                   | ➤ B.Sc. Health Science<br>and Nutrition |
|                                  | ➤ B.Sc. Occupational<br>Therapy   | ➤ B.Sc. Sports Science                  |
|                                  |                                   | ➤ B.Sc. Audiology                       |

## **BA Courses List :**

- ✓ BA English
- ✓ BA in Political Science
- ✓ BA History
- ✓ BA Philosophy
- ✓ BA Social Work
- ✓ BA Economics
- ✓ BA Archaeology
- ✓ BA Sociology
- ✓ BA Geography
- ✓ BA Anthropology
- ✓ BA Linguistics
- ✓ BA Rural Studies
- ✓ BA Hindi
- ✓ BA Tamil
- ✓ BA Journalism
- ✓ BA Psychology
- ✓ BA Photography
- ✓ BA Agro Sciences
- ✓ BA Airlines, Hospitality and Customer Care
- ✓ BA Ancient History
- ✓ BA Ancient Indian Culture
- ✓ BA Arabic
- ✓ BA Cinematography
- ✓ BA Corporate Secretaryship
- ✓ BA Comparative Religion
- ✓ BA Criminology
- ✓ BA Culinary Art
- ✓ BA Defence and Strategic Studies
- ✓ BA Drawing and Painting
- ✓ BA Education

## **List of Arts and Science Colleges in Ranking - 2021**

### **National Institutional Ranking Framework**

[Ministry of Human Resource Development Government of India]

<b>S. N</b>	<b>Name of the College</b>	<b>City</b>	<b>Rank</b>
1	Loyola College	Chennai	3
2	PSGR Krishnammal College for Women	Coimbatore	6
3	Presidency College	Chennai	7
4	Madras Christian College	Chennai	18
5	PSG College of Arts and Science	Coimbatore	19
6	Thiagarajar College	Madurai	23
7	Sri Krishna Arts and Science College	Coimbatore	27
8	St. Joseph's College	Tiruchirappalli	27
9	Madras School of Social Work	Chennai	30
10	Kongunadu Arts & Science College	Coimbatore	36

11	Women`s Christian College	Chennai	40
12	Government Arts College	Coimbatore	42
13	Bishop Heber College	Tiruchirappalli	43
14	Virudhunagar Hindu Nadars Senthikumara Nadar College	Virudhunagar	47
15	Sri Ramakrishna Mission Vidyalaya College of Arts and Science	Coimbatore	48
16	Holy Cross College, Tiruchirappalli	Tiruchirappalli	49
17	Ethiraj College for Women	Chennai	51
18	V.O. Chidambaram College	Tuticorin	54
19	Queen Mary`s College	Chennai	55
20	Scott Christian College, Nagercoil	Nagercoil	56
21	Stella Maris College For Women	Chennai	58
22	Dr. N. G. P. Arts and Science College	Coimbatore	59
23	Jamal Mohamed College, Tiruchirappalli	Tiruchirappalli	65
24	Ayya Nadar Janaki Ammal College	Sivakasi	66
25	St. Xavier's College	Palayamkottai	67
26	N. G. M. College	Pollachi	72
27	Alagappa Government Arts College, Karaikudi	Karaikudi	75
28	Vellalar College for Women	Erode	82
29	Sri Ramakrishna College of Arts and Science	Coimbatore	84
30	Lady Doak College	Madurai	87
31	Women's Christian College	Nagercoil	91
32	Government Arts College, Tiruppur	Udumalpet	98
33	Sri Sarada College for Women (Autonomous)	Selam	100

Thank God

## Law colleges in Tamil Nadu - 2021

S.No.	Name
1	Chennai Dr. Ambedkar Government Law College, Pattarai Perambudur, Thiruvallur Taluk & District
	Chennai Dr. Ambedkar Government Law College, Pudupakkam, Thiruporur Taluk, Kancheepuram District.
2	Government Law College, Madurai – 625 020
3	Government Law College, Trichy – 620 023
4	Government Law College, Coimbatore – 641 046
5	Government Law College, Tirunelveli – 627 011
6	Government Law College, Chengalpattu – 603 001
7	Government Law College, Vellore – 632 006
8	Government Law College, Dharmapuri – 605 602
9	Government Law College, Ramanathapuram – 636 701
10	Government Law College, Villupuram – 623 501.
11	Central Law College, Salem. [Private]
12	Saraswathy Law College, Tindivanam [Private]

### Courses offered :

5 YEAR B.A.LL.B.[HONS.] DEGREE COURSE

5 YEAR B.COM.LL.B. [HONS.] DEGREE COURSE

5 YEAR B.B.A.LL.B. [HONS.] DEGREE COURSE

5 YEAR B.C.A.LL.B. [HONS.] DEGREE COURSE

3 YEAR LL.B.[HONS.] DEGREE COURSE

## Tamil Nadu Veterinary and Animal Sciences University

### Undergraduate Degree Programme

- Bachelor of Veterinary Science & Animal Husbandry - BVSc & AH (5 Years)
- Bachelor of Technology (Food Technology) – BTech (FT) (4 Years)
- Bachelor of Technology (Poultry Technology) – BTech (PT) (4 Years)
- Bachelor of Technology (Dairy Technology) – BTech (DT) (4 Years)

### COLLEGES & INSTITUTES

- |                     |                   |               |
|---------------------|-------------------|---------------|
| ✓ MVC, Chennai      | ✓ VCRI, Salem     | ✓ CPPM, Hosur |
| ✓ VCRI, Namakkal    | ✓ VCRI, Theni     | ✓ PGRIAS,     |
| ✓ VCRI, Tirunelveli | ✓ VCRI, Udumalpet | Kattupakkam   |
| ✓ VCRI, Orathanadu  | ✓ CFDT, Koduvalli |               |

## Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Tamil Nadu (TNJFU)

### Courses Offered : (UG Courses)

- |  |  |
|--|--|
| ➤ B.F.Sc. (Bachelor of Fisheries Science)        | ➤ B.B.A. (Fisheries Business Management)         |
| ➤ B.Tech. (Fisheries Engineering)                | ➤ B.Voc. (Aquaculture)                           |
| ➤ B.Tech. (Biotechnology)                        | ➤ B.Voc. (Industrial Fish Processing Technology) |
| ➤ B.Tech. (Food Technology)                      | ➤ B.Voc. (Industrial Fishing Technology)         |
| ➤ B.Tech. (Fisheries Nautical Technology)        | ➤ B.Voc. (Aquatic Animal Health Management)      |
| ➤ B.Tech. (Energy and Environmental Engineering) |  |

### Colleges

- 👉 Fisheries College and Research Institute, Thoothukudi
- 👉 Dr. M.G.R. Fisheries College and Research Institute, Ponneri
- 👉 Dr. M.G.R Fisheries College and Research Institute, Thalainayeru
- 👉 College of Fisheries Engineering, Nagapattinam
- 👉 Institute of Fisheries Post Graduate Studies, Vaniyanchavadi, OMR, Chennai
- 👉 Institute of Fisheries Biotechnology, Vaniyanchavadi, OMR, Chennai
- 👉 TNJFU - Business School (Fisheries), Vaniyanchavadi, OMR, Chennai
- 👉 College of Fish Nutrition and Food Technology, Madhavaram, Chennai
- 👉 College of Fisheries Nautical Technology, Thoothukudi

### Paraprofessional Institutes

- ☞ Paraprofessional Institute of Fisheries Technology, Madhavaram
- ☞ Paraprofessional Institute of Aquaculture, Muttukadu
- ☞ Paraprofessional Institute of Aquatic Animal Health Management, Madhavaram
- ☞ Paraprofessional Institute of Fish Processing Technology, Royapuram
- ☞ Paraprofessional Institute of Fishing Technology, Ramanathapuram

### **Central University of Tamil Nadu (CUTN), Thiruvarur**

- UG Programmes :
- BPA (Music) 4 years
- B.Sc. (Textiles) 3 years
- Integrated B.Sc. B.Ed. (Mathematics) 4 years
- Integrated M.Sc. (Chemistry) 5 years
- Integrated M.Sc. (Life Sciences) 5 years
- Integrated M.Sc. (Mathematics) 5 years
- Integrated M.Sc. (Physics) 5 years
- Integrated M.A (Economics) 5 years

### **State and central government joint support institutes**

- Central Electro Chemical Research Institute (autonomous) - Karaikudi, Sivagangai : Electrochemical
- Institute of Mathematical Sciences, Chennai : Department of Atomic Energy
- Indian Maritime University : Maritime Studies
- Madras Institute of Development Studies (autonomous)
- Tamil Virtual Academy : Tamil language

Thank God



**National Institute of Fashion Technology, Chennai**

**UG Programs**

- ❖ Fashion
- ❖ Design (FD)
- ❖ Accessory Design (AD)
- ❖ Leather Design (LD)
- ❖ Textile Design (TD)
- ❖ Fashion Communication (FC)
- ❖ Bachelor of Fashion Technology (Apparel Production)
- ❖ Diploma in Fashion Fit & Style (2 years)
- ❖ Diploma in Textile CAD (2 years)
- ❖ Fashion & Retail Store Operations (2 years)

[www.kalviamuthu.com](http://www.kalviamuthu.com)

**Indian Maritime University - Chennai**

**Courses Offered :**

- 1) B. Sc., in Nautical Science
- 2) B. Tech in Marine Engineering
- 3) Diploma in Nautical Science
- 4) MBA in Port and Shipping Management
- 5) MBA in International Transportation and Logistics Management
- 6) BBA in Logistics, Retailing and E-Commerce
- 7) Post Sea / STCW Courses

Thank God

## Indian Institutes of Technology (IIT)

The IITs were created to train scientists and engineers, with the aim of developing a skilled workforce to support the economic and social development of India

They have a common admission process for undergraduate admissions, using the Joint Entrance Examination (popularly known as IIT-JEE) to select undergraduate candidates a year. Postgraduate admissions are done on the basis of the GATE, JMET, JAM and CEED

- |                             |   |
|-----------------------------|---|
| 1. IIT, Kharagpur (IIT KGP) | 14. IIT, Gandhi Nagar                         |
| 2. IIT, Bombay (IITB)       | 15. IIT, Bhubaneswar                          |
| 3. IIT, Madras (IITM)       | 16. IIT, (Banaras Hindu University), Varanasi |
| 4. IIT, Kanpur (IITK)       | 17. IIT, Tirupati                             |
| 5. IIT, Delhi (IITD)        | 18. IIT, Palakkad                             |
| 6. IIT, Guwahati (IITG)     | 19. IIT, Goa                                  |
| 7. IIT, Roorkee             | 20. IIT, Dharwad                              |
| 8. IIT, Hyderabad           | 21. IIT, Jammu                                |
| 9. IIT, Rajasthan           | 22. IIT, Bhilai                               |
| 10. IIT, Ropar              | 23. IIT (Indian Institute of Mines), Dhanbad  |
| 11. IIT, Mandi              |   |
| 12. IIT, Indore             |   |
| 13. IIT, Patna              |   |

[www.kalviamuthu.com](http://www.kalviamuthu.com)

## National Institutes of Technology (NIT)

There are a total of 31 NITs in India and admission to B.Tech Programmes is managed through the JoSAA counselling process, based on AIR rank secured in JEE Main. NIT offers admission to MTech programmes based on the score obtained in the GATE exam while seat allotment is managed through CCMT (Centralized Counseling for Tech/MArch/MPlan/MDes).

- |                     |                    |                           |
|---------------------|--------------------|---------------------------|
| 1. NIT Trichy       | 12. NIT Silchar    | 23. NIT Manipur           |
| 2. NIT Karnataka    | 13. NIT Jalandhar  | 24. NIT Puducherry        |
| 3. NIT Rourkela     | 14. NIT Meghalaya  | 25. NIT Arunachal Pradesh |
| 4. NIT Warangal     | 15. NIT Bhopal     | 26. NIT Uttarakhand       |
| 5. NIT Calicut      | 16. NIT Raipur     | 27. NIT Delhi             |
| 6. NIT Durgapur     | 17. NIT Srinagar   | 28. NIT Mizoram           |
| 7. NIT Nagpur       | 18. NIT Patna      | 29. NIT Nagaland          |
| 8. NIT Jaipur       | 19. NIT Goa        | 30. NIT Sikkim            |
| 9. NIT Allahabad    | 20. NIT Jamshedpur | 31. NIT Andhra Pradesh    |
| 10. NIT Kurukshetra | 21. NIT Agartala   |                           |
| 11. NIT Surat       | 22. NIT Hamirpur   |                           |

## **Indian Institutes of Management (IIM)**

The **Indian Institutes of Management (IIMs)** are institutes of management education and research offering undergraduate, postgraduate, doctoral and executive programmes along with some additional courses in the field of business administration

- |                  |                 |                       |
|------------------|-----------------|-----------------------|
| 1. IIM Ahmedabad | 8. IIM Rohtak   | 15. IIM Sambalpur     |
| 2. IIM Bangalore | 9. IIM Kashipur | 16. IIM Bodh Gaya     |
| 3. IIM Calcutta  | 10. IIM Ranchi  | 17. IIM Amritsar      |
| 4. IIM Lucknow   | 11. IIM Trichy  | 18. IIM Visakhapatnam |
| 5. IIM Kozhikode | 12. IIM Raipur  | 19. IIM Udaipur       |
| 6. IIM Indore    | 13. IIM Nagpur  | 20. IIM Sirmaur       |
| 7. IIM Shillong  | 14. IIM Jammu   |                       |

## **Indian Institute of Science (IISc), Bangalore**

Indian Institute of Science, Bangalore is the premier institute for advanced scientific and technological research and education in India.

Based on performance in KVPY, JEE Main, JEE Advanced, NEET/AIPMT

Six major disciplines are offered: (1) Biology (2) Chemistry (3) Earth & Environmental Science (4) Materials (5) Mathematics (6) Physics

[www.kalviamuthu.com](http://www.kalviamuthu.com)

## **Indian Institute of Science Education and Research (IISER)**

To promote high quality scientific education, research and training, Ministry of Human Resource Development (MHRD), Government of India

1. Indian Institute of Science Education and Research (IISER), Pune
2. Indian Institute of Science Education and Research (IISER), Kolkata
3. Indian Institute of Science Education and Research (IISER), Mohali,
4. Indian Institute of Science Education and Research (IISER), Bhopal
5. Indian Institute of Science Education and Research (IISER), Thiruvananthapuram
6. Indian Institute of Science Education and Research (IISER), Tirupati
7. Indian Institute of Science Education and Research (IISER), Berhampur, Odisha

## **National Institute of Science Education and Research (NISER) Jatani, Odisha,**

NISER established by the Department of Atomic Energy, strives to become a citadel for basic sciences and allied subjects in terms of teaching and research. NISER offers a 5 year integrated M.Sc. programme in Biological, Chemical, Mathematical and Physical sciences.

**Selection Mode : National Entrance Screening Test (NEST)**

## LIST OF ALL INDIA ENTRANCE EXAMS FOR HIGHER STUDIES – AFTER 12th

1. **JEE main** (Joint entrance examination main) Written Exam B.E/B.Tech /B.Arch  
for NIT'S and IIT'S. (<http://jeemain.nic.in>)
2. **JEE ADVANCE** (Indian Institute of Technology Joint Entrance Exam) Written Exam B.E/B.Tech in IIT  
([www.advance.nic.in](http://www.advance.nic.in))
3. **NEET - UG** ( National Eligibility Entrance Exam for Under Graduate)AIP MT to be Replaced Written  
Exam M.B.B.S/ B.D.S ([www.cbseet.nic.in](http://www.cbseet.nic.in))
4. **AFMC-** (Armed Forces Medical College Entrance Exam Written Exam M.B.B.S(Should Serve 7 Years  
in Armed Forces) ([www.afmc.nic.in](http://www.afmc.nic.in))
5. **NID - NEED(National Entrance Exam for Design** Written Exam National Institute of Design and  
other Design Institutes ([www.nid.edu](http://www.nid.edu))
6. **CLAT–** (Common Law Admission Written Exam National Law Universities Test ([www.clat.ac.in](http://www.clat.ac.in))
7. **BITSAT(Birla Institute of Technology Science Admission Test)** Online Exam B.E in Pilani, Hyderabad  
and Goa ([www.bits-pilani.ac.in](http://www.bits-pilani.ac.in))
8. **NCHMCT(National Council for Hotel Management Catering Technology Joint Entrance Exam)**  
Written Exam B.Sc in Hospitality and Hotel Administration ([www.nchm.nic.in](http://www.nchm.nic.in))
9. **NDA and NA** ( National Defense Academy and Naval Academy) Written Exam Conducted by UPSC 3  
Years Training for entry into ARMY/NAVY/AIRFORCE ([www.nda.nic.in](http://www.nda.nic.in))
10. **AIMNET**(All India Merchant Navy Entrance Written Exam by Bharat Shipping Ltd B.Tech Marine  
Engineering/ B.Sc Nautical Science/B.Tech Navel Architecture and Ship Building Test)  
([www.aim.net.co.in](http://www.aim.net.co.in))
11. **IIST**( Indian Institute of Space Technology) Thiruvananthapuram Written Exam B.Tech- Avionics/  
Aerospace Engineering/ Physical Science ([www.iist.ac.in](http://www.iist.ac.in))

12. **JNU**(Jawaharlal Nehru University)NEW DELHI Written Exam B.A Foreign Language ([www.jnu.ac.in](http://www.jnu.ac.in))

13. **CIEFL**( Central Institute of English and foreign languages HYDERABAD written Exam B.A. English & Mass communication with specialization in Arabic/French German/Japanese/Russian/Spanish.

([www.efluniversity.ac.in](http://www.efluniversity.ac.in))

14. **ISI** - Indian Statistical Institute (KOLKATTA Bengaluru Written Exam (Indian National Maths Olympiad awardees are exempted) B Sc Statistics (Kolkata ) and B Sc Mathematics(Bengaluru )

([www.isical.ac.in](http://www.isical.ac.in))

15. **IISER** - Indian Institutes of Science Education and Research Pune, Bhopal, Kolkata, Mohali and Thiruvananthapuram Written Exam 5-year BS-MS dual degree in Biology, Chemistry, Mathematics and Physics / IISER Kolkata offers major in Earth Sciences (IISER) ([www.iiserpune.ac.in](http://www.iiserpune.ac.in))

16. **NATA** - The National Aptitude Test in Architecture Computer Based Test B.Arch ([www.nata.in](http://www.nata.in))

17. Indian Institute of Science Bangalore Written Exam 4 year Bachelor in science ([www.iisc.ernet.in](http://www.iisc.ernet.in))

18. All India Pre Veterinary Test (**AIPVT**) Written Exam to 5 year B.V.Sc and AH ([www.vci.nic.in](http://www.vci.nic.in))

[www.kalviamuthu.com](http://www.kalviamuthu.com)

19. **AIIMS** - MBBS Entrance Test Written Exam MBBS ([www.aiimsexams.org](http://www.aiimsexams.org))

20. All India Entrance Examination for B.Sc in Agriculture and allied sciences at Agriculture Universities

**AIEEA** – Indian Council of Agricultural Research ICAR Written Exam Bachelor degree in Agriculture , Horticulture , Fisheries, Forestry , Home Science, Sericulture , Biotechnology, Agriculture engineering, Dairy Technology, Food Science and Agricultural marketing ([www.icar.org.in](http://www.icar.org.in))

21. **AIIMS** Written Exam B.Sc Hons Nursing and Para Medical courses ([www.aiimsexams.org](http://www.aiimsexams.org))

22. **UCEED** Written Exam B Design program Product Design, IDC IIT Bombay Communication Design, Interaction Design, Mobility Design and Animation Design ([www.uceed.in](http://www.uceed.in))

23. Footwear Design and Development Institute ( **FDDI** ) All India Selection Test( AIST ) Computer Based Entrance Test Footwear Design ([www.fddiindia.com](http://www.fddiindia.com))

24. **NEST** - The National National Institute of Science Education and Research (NISER) Written Exam 5 year integrated M Sc. Course in Biology, Chemistry, Mathematics and Physics ([www.niser.ac.in](http://www.niser.ac.in))

25. Regional Institute of Education **RIE** CEE Written Exam B.Sc. B.Ed. / BA B.Ed 4 Year / M Sc B Ed ([www.rieajmer.raj.nic.in](http://www.rieajmer.raj.nic.in))

26. **CUCET** - Central Universities Common Entrance Test Written Exam Integrated UG / PG and Research Programs ( BA B.Ed, BSc B Ed, BA LLB, Integrated MA, /MA, MSc, MSc B Ed, Integrated M Sc in 10 Central Universities ([www.cucet.co.in](http://www.cucet.co.in))

27. Humanities and social Sciences Written Exam 5 year integrated MA Course in Developmental Studies and MA in English Studies offered by IIT Entrance exam HSEE Madras. ([www.hsee.iitm.ac.in](http://www.hsee.iitm.ac.in))

28. Tata Institute of Social sciences (**TISS**) BA Hons Social Work Written Exam 3 year BA Course in Social Work with specialization in Rural Development and for BA and MA integrated program ([www.tiss.edu.in](http://www.tiss.edu.in))

29. **NIFT**- (National Institute of Fashion Technology) Written Exam Fashion Technology / Design Management ([www.nift.ac.in](http://www.nift.ac.in))

30. CA programme Common Proficiency Test (**CPT**) CA ([www.icai.org](http://www.icai.org))

31. CS Programme – Institute of Company Secretaries of India (**ICSI**) 2½ years (after graduation), 3½ years (after Class 12) Written Exam CS ([www.icsi.ed](http://www.icsi.ed))



32. **ICAR** – (Indian Council of Agricultural Research) (<https://icar.org.in/>)

33. Jawaharlal Institute Of Postgraduate Medical Education & Research (**JIPMER**) – MBBS , Puducherry

## List of Scholarships in India for Class 10th Passed Students :

Scholarship Name	Eligibility Criteria	Scholarship Amount	Examination date
National Talent Search Examination (NTSE)	Passed Class X from recognized school & must be below 18 years as on July 1 of the year of admission.	Rs.1250 per month (for class XI & XII) & Rs. 2000 per month for undergraduates & above	Level 1- November Level 2- May
National Level Science Talent Search Exam (NSTSE)	From Class II to XII	Rs. 2,00,000 cash prize (first rank among all the classes), Laptop + a Memento + a Medal (top 3 rankers)	December
Kishore Vaigyanik Protsahan Yojana (KVPY)	Science students of class XI and XII	Rs. 5000 (Monthly Fellowship), Rs. 20000 (Annual Contingency Grant)	November
IOEL (International Olympiad of English Language)	Class I to XII	Cash prize worth Rs. 1,00,000	November & December
INO (Indian National Olympiad)	Class VIII to XII	National level winners are invited to participate in the International Olympiads	First week of November
National Science Olympiad	Class I to class XII	International level toppers receive Rs. 50,000 each + gold medal	November
HBCSE Mathematical Olympiad	Students should be born on or after August 1, 2001	-	August
Science Olympiad Foundation	Class 1 to class 12	Rs 50,000/- Each + Gold Medal + Certificate of Outstanding Performance (12 Awards)	First week of December
Silverzone Olympiads	Class I to XII	Cash Prize of Rs. 20,000/- along with a winner's Trophy.	November and December

UCO (Unified Cyber Olympiad) Exams	Class II to X	Cash prize of Rs.2,00,000 to Topper	Third week of September
ZIO (Zonal Informatics Olympiad)	Class I to XII	National level winners are invited to participate in the International Olympiad in Informatics	In the month of November
UIEO (Unified International English Olympiad)	Class II to X	Laptop and a Tablet PC + Memento + Medal, each Laptop and a Tablet PC + Memento + Medal, each.	Second week of October
GeoGenius	Class II to XII	National toppers receive a laptop from the foundation	Second week of December
National Interactive Maths Olympiad or NIMO	Class I to XII	Rs. 50000+ Gold Medal (International topper) Rs 5000+ Gold Medal (National topper)	Third week of November
CBSE Merit-Based Scholarship for the Single Girl Child	Meritorious single girl child candidates who have passed Class 10th with minimum 60% marks.	Rs. 500 per month for a maximum of 2 years	Merit-based and can apply in the month of October
National Merit-cum-Means Scholarship Scheme	Studying in class 8th and must have scored a minimum score of 55% marks in 7th and belonging to deprived sections of the society	Rs. 500 monthly for a maximum period of 4 years.	Merit-based
National Scholarship Test (NST)	Class 5th to 12th	3 national level scholars- Rs.75,000 each State scholars- Rs.28,000 each.	Latest by May every year

 \*\*\*The application period is tentative. it may change as per the scholarship schedule provided by the authorities 



## List of Scholarships in India for Class 12th Passed Students :

Exam Name	Eligibility Criteria	Scholarship Amount	Application Dates**	Scholarship type
College Admission Scholarship Application (CASA)	Passed class XII	100% tuition fee waiver for Higher Studies	In the month of June	Merit-based
ExamsPlanner Young Heroes Scholarship	Class IX to Class XII with a minimum of 60% marks, Family income must be less than 2 lakh p.a.	Amount of Rs.4,00,000 to top 10 brilliant contestants	In the month of January	Exam-based
Schindler Igniting Minds Scholarship	Class XII in Science with a minimum of 65% marks, Family income must be less than 2 lakh p.a.	Amount of around Rs. 20,000	After the start of the academic session	Merit-based
Chaatravriti Scholarship Yojana	Class XII with at least 60% marks	Girls: Rs. 3000 per month Boys: Rs. 2500 pm For a period of 1 to 5 years as per the duration of the course branches	In the month of August	Merit-based
Merit-Cum-Means Scholarship	Minimum 50% marks in 12th class and must belong to Minority, must get admission in the professional course through a Common Admission process	Monthly reward of Rs. 1,000 for 10 months, Additional reward of ₹ 20,000 to pay the tuition fee.	Mid of July	Merit-based
L'Oreal Scholarship Scheme for Young Women in Science	Minimum of 85% marks in class 12th PCB/PCM, Maximum age is 19 years	Rs. 2.50 lakhs in equal annual installments to pursue a career in science	Start week of June	Merit-based
Inspire Scholarship	If among the top 1% in Class 12th, Top 10,000 rank in JEE or the NEET exam	Rs. 80,000 on an annual basis to pursue Bachelors and Masters in Science.	Mid of October	Merit-based

Indian Oil Scholarship Scheme for Students	Pursue professional courses at the 10+2 /Graduate/Postgraduate level.	Tuition fee of course+ Rs.10,000 annually to pay for their courses	Mid of July	Merit-based
Aditya Birla Scholarship Scheme	Pursuing courses in XLRI, IIMs, IIT, BITS (Pilani), National Law School of India in Bangalore, NALSAR University of Law (Hyderabad), National Law University Jodhpur, The WB National University of Juridical Sciences - Kolkata & Gujarat National Law University.	Amount for IIT / BITS (Pilani) - Rs. 1,00,000 annually. XLRI/IIMs - Rs.1,75,000 annually LAW - Rs. 1,80,000 per annum	--	Merit-Based
Post Matric Scholarships Scheme (For minority sections of society)	At least 50% in the last exam i.e. 10th/11th/12th	For Class 11th &12th Students -Rs. 7,000 pa For technical Courses at Higher Secondary Level - Rs.10,000 pa For Graduation/PG - Rs. 3,000 pa	Mid of July	Merit-based
Central Sector Scholarship	Passed class 12th with 75% marks	For Graduation- Rs. 1,000 p.m. for a period of 3 years For Post-Graduation- Rs. 2,000 month	Mid of July	Merit-based
AICTE Pragati Scholarship for Girls	Female candidates in 1st-year courses from any of the AICTE approved colleges	Tuition fee waiver, Rs. 30,000/- may be reimbursed for the purchase of books, vehicles, laptops	Till November	Merit-Based
Combined Counselling Board(CCB) Scholarship	Class 10 & Class 12 with a minimum aggregate of 33% to 50%	Rs.60,000 - Rs.70,000 for higher education	First week of July	Merit-Based
Foundation for Excellence (FEE) Scholarship	Pursuing professional degree courses such as BE./B.Tech, Integrated 5-Year Dual and must pass with a minimum 70% marks in 12th	Will fund full fee for the course	--	Merit-Based

**Reference :** THANKS TO.....

☞ KalviToday Magazine

☞ Puthiyathalaimurai Kalvi

☞ <https://mohitmangal.com/>

☞ <https://www.nirfindia.org/>

☞ <https://www.careermarg.in/>

☞ <https://school.careers360.com/>

☞ [UKV TAMILA \(You Tube Channel\)](#)



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**“THANK GOD AND THANK YOU ALL”**

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