



தமிழ்நாடு பொறியியற் சேர்க்கை 2020

TAMIL NADU ENGINEERING ADMISSIONS 2020

Official TNEA Web Portals:

<https://www.tneaonline.org>

or

<https://www.tndte.gov.in>

மாணாவர்களுக்கான தகவல் மற்றும் வழிமுறைகள்

INFORMATION AND INSTRUCTIONS TO
CANDIDATES

The following certificates are need to be uploaded and the separate instructions will be given after the registration process is completed.

1. 10th Mark Sheet
2. HSC (+1 and +2) / Equivalent Mark Sheet
3. HSC Hall Ticket
4. Transfer Certificate
5. Permanent Community Certificate Card for ST, SC, SCA, MBC & DNC, BC and BCM **(Permanent card / electronic form/digitally signed e-Certificate)**
6. Nativity Certificate **only in electronic form/digitally signed e-Certificate** – If applicable
7. First Graduate Certificate and First Graduate Joint Declaration **(only in electronic form/digitally signed e-Certificate)** – If applicable
8. Srilankan Tamil Refugee certificate – If applicable
9. Relevant certificates for Son / Daughter of Ex-Serviceman, Differently Abled Person and Eminent Sports Persons – If applicable

Applicants must ensure that all online counselling activities like application registration, making payment, adding choices, locking choices, tentative allotment, submission of allotment option are performed at the official TNEA Web Portals

(www.tneaonline.org or www.tndte.gov.in) only

TAMIL NADU ENGINEERING ADMISSIONS 2020
ADMISSION TO FIRST YEAR B. E. / B. TECH. DEGREE COURSES
Information and Instructions to Candidates

Common application to seek admission to Government and Government Aided Engineering Colleges, University Departments and Constituent Colleges of Anna University, Annamalai University and for the seats surrendered by Self-Financing Engineering Colleges in Tamil Nadu under Unified Single Window Admission System for **Indian Nationals**.

1. ALLOCATION OF SEATS IN COLLEGES

a) Category I

I) Seats in B. E. & B. Tech. Degree Courses in Government, Government Aided and Seats Surrendered by Self-Financing Engineering Colleges affiliated to Anna University.

- (i) **Seats in Government Engineering Colleges**
- (ii) **Seats in Aided courses in Government Aided Engineering Colleges**
- (iii) **Seats in Central Electro Chemical Research Institute (CECRI), Karaikudi**

II) Seats in B. E. & B. Tech. Degree Courses in University Departments and *Constituent Colleges of Anna University*.

III) Seats in B. E. Degree Courses in Mechanical Engineering and Civil Engineering (Tamil Medium) in University Departments and *Constituent Colleges of Anna University*.

IV) Seats in B.E. Degree Courses in Annamalai University, Annamalai Nagar, Chidambaram.

b) Category II

- (i) **Seats in Self-Supporting courses in Government Aided Engineering Colleges**
- (ii) **Seats surrendered by Self Financing Engineering Colleges**
- (iii) **Seats in Central Institute of Plastic Engineering and Technology (CIPET)**

A candidate needs to register **only one online application** for all the courses/colleges/Institutions mentioned above irrespective of the category. Candidates seeking admission under special reservation should also give their option for Special Reservation category along with the main online application. The special reservation categories are given in Section 5.1 and 5.2.

2 DURATION OF THE PROGRAMME

B. E. / B. Tech.	4 Academic years comprising of 8 semesters
B. E. (Sandwich)	5 Academic years comprising of 10 semesters

3. ELIGIBILITY

RULES General

Candidates satisfying the eligibility conditions given below as on the last date of submission of online application are eligible to apply. Passing the qualifying examination or changing the religion after the last date of submission of online application shall not be considered.

Nativity

- i) Tamil Nadu candidates who have passed VIII, IX, X, XI and XII Std. from schools situated in Tamil Nadu are eligible to apply. They need not produce Nativity Certificate for verification.
- ii) Tamil Nadu native candidates who have passed any of the VIII, IX, X, XI and XII Std. or their equivalent examination from schools situated outside Tamil Nadu can also apply. They should produce **Original Nativity Certificate only in electronic form/digitally signed e-Certificate**.
- iii) Children of Central Government Employees may also apply for admission, irrespective of their native, provided their parents or guardians (only if both parents are not alive) have been serving in Tamil Nadu continuously for the past **FIVE YEARS** at the time of submission of application. This should be supported by producing a certificate from the employer of the parent or guardian, to that effect.

- iv) Children of employees in Public Sector or Government recognised Institutions who at the time of submission of application for admission employed in Tamil Nadu continuously for the past five years may also apply irrespective of their domicile. A certificate from the employer stating that the person is a Permanent Employee of the Firm or Institution concerned with evidence like Income Tax return, PF Slips, etc. and is working in Tamil Nadu continuously for the past **FIVE YEARS** has to be produced.
- v) Sons and daughters of All India service Tamil Nadu cadre officers are eligible to apply. A Self declaration from the parent in this regard is to be produced.
- vi) Other State candidates who have studied VIII, IX, X, XI and XII Std. in Tamil Nadu are eligible to apply. They need not produce "Nativity Certificate".

Note:

1. Applications without proper Nativity Certificate for Category (ii) without proper employer certificate for categories (iii) and (iv) and without self declaration from the parent for category (v) will not be considered.
2. Category (vi) need not produce employer certificate / nativity certificate.
3. Categories from (iii) to (vi) will be considered under "Open Competition".

Srilankan Tamil Refugee

As per G.O. (St) No. 172 Higher Education (J2) Dept. dated: 29.06.2010 candidates who are Srilankan Tamil Refugee studied in Tamil Nadu will be considered under open competition. They have to produce the following certificates.

- (i) Identification certificate from the Head Quarters Tahsildar.
- (ii) Those who have not registered in the refugee camp should produce original passport, visa and letter registered with Police Station.

Qualifying Examinations and Eligibility

A pass in the HSC (**Academic: both +1 and +2**) or its equivalent with a minimum average percentage in Mathematics, Physics and Chemistry put together as given below.

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

OR

A pass in any one of the HSC (**Vocational Subject: both +1 and +2**) as given below with any one of the Engineering related subjects namely Mathematics, Physics or Chemistry with a minimum average percentage put together as given below.

Sl. No.	Community	A Pass with Minimum average marks in Related Subjects, Vocational Theory and Practicals put together
1.	General Category	45.00 %
2.	Backward Class including Backward Class Muslim	40.00 %
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
1921	General Machinist
1922	Electrical Machines and Appliances
1923	Electronic Equipments
1924	Draughtsman Civil
1925	Auto Mechanic
1926	Textile Technology

Note:

- When the candidates produce grade certificates, they have to produce the actual marks also otherwise only the minimum marks applicable to the grades in the eligible subjects (Mathematics, Physics, Chemistry and Fourth Optional Subject) will be taken into account.
- For minimum eligibility rounding of marks and normalised marks will not be considered.

Improvement marks: As per the G.O. No. 184 HE (J2) Dept. dt: 09.06.2005 and G.O. (st) No. 143 HE (J2) Dept. dt: 06.05.2008 improvement marks obtained by the candidates including Other State candidates from 2006 onwards will not be considered.

Marine Engineering Branch

The Director General of Shipping, Ministry of Shipping, Government of India, vide Notification No. II. TR (21) 97 dated: 03.10.2002 have issued notification stating that, for Marine Engineering Degree Programme the candidate should pass in 10+2 or equivalent examination with Physics (P), Chemistry (C), Mathematics (M) and English as separate subject with an average of not less than 60 % in PCM. Further a minimum of 50 % in English either at 10th or 12th standard is required for all the candidates.

Other Requirements:

- Maximum age limit 25 years.
- Minimum Height 157 cm.
- Minimum Weight 48 kg.
- Normal Colour vision.

Before selecting the course the candidate shall ensure that they are medically fit for the course.

The candidates will be admitted only on production of physical fitness certificate obtained from the Medical Officer authorised by the Director General of Shipping, failing which they will lose the admission.

Mining Engineering Branch

Note to Female candidates opting for Mining Engineering course.

- As per Mines Act 1952, 46 (1) no woman shall, notwithstanding anything contained in any other law, be employed –
 - in any part of a mine which is below ground;
 - in any mine above ground except between the hours of 6 A.M. and 7 P.M.
- As per Coal Mines Regulation 1957, 86 (2) no adolescent or women shall descend or ascend a shaft in a cage or other means of conveyance unless accompanied by one or more adult males.
- They should satisfy the academic norms of Anna University.

1. ALLOCATION OF SEATS

Selection shall be made under seven categories namely OC, BC, BCM (BC Muslim), MBC & DNC, SC, SCA and ST following the rule of reservation of Government of Tamil Nadu as follows.

Rule of Reservation	
Open Competition	31.00 %
Backward Class	26.50 %
Backward Class Muslim	3.50 %
Most Backward Class & Denotified Communities	20.00 %
Scheduled Caste	15.00 %
Scheduled Caste (Arunthathiyars)	3.00 %
Scheduled Tribes	1.00 %
TOTAL	100.00 %

4.2 (a) Tamil Nadu native candidates alone will be considered for communal reservation. The community recorded in the certificate of Tamil Nadu native candidate should appear in the list of communities approved by the Government of Tamil Nadu (**Annexure – I** on Page No. 21-27).

4.2 (b) The applicants from Tamil Nadu State should have obtained permanent community certificate (for SC/SCA/ST/MBC & DNC, BC and BC Muslim candidates) **in permanent card format / electronic form / digitally signed e-Certificate** only from the authorities given below on or before the last date prescribed for submission of online application. Community Certificate obtained after the last date prescribed for submission of online applications will not be considered.

Community	Issuing Authority
Scheduled Tribe	Revenue Divisional Officer / Sub Collector of their native place (except Chennai) or P.A. (General) to Collector of Chennai. The Community Certificate card issued by Tahsildars upto 11.11.1989 is valid.
Scheduled Caste / Scheduled Caste (Arunthathiyars)	Tahsildar of Native Taluk of the candidate
Backward Class / Backward Class (Muslim) / Most Backward Class / Denotified Communities.	Headquarters Deputy Tahsildar / Zonal Deputy Tahsildar / Deputy Tahsildar (Certificates)

4.2 (c) Community Certificate obtained from **other states** will not be considered for communal reservation.

4.2 (d) For communities linked with Districts (**See Annexure-I**) the candidates should obtain their community certificate in the respective district except the communities mentioned in G.O. (st) No. 95 BC, MBC & Minorities Welfare Department dt: 28.10.2009. Such of those community certificates obtained on or after 28.10.2009 will be considered. Community certificate obtained from other than the respective district will not be considered.

4.2 (e) Candidates who have not produced the Community Certificate in the form of Permanent Community [Card] Certificate or electronic form / digitally signed e-Certificate, their application will be treated under "Open Competition (OC)".

The candidate is further informed that in the event of such a decision, the eligibility conditions & rules prescribed for OC will be applicable for such candidates and if such candidates do not satisfy the rules of OC, their applications are liable to be rejected. No correspondence in this connection will be entertained.

4.2 (f) ST / SC / SCA / MBC & DNC / BC / BCM candidates are eligible for selection under Open Competition in addition to the reservation made for them.

2. SPECIAL RESERVATION

Special Categories

The special reservation categories and the quota for these categories are given in the Table. Since the special reservation applications are processed by separate committees, candidates should also pay Rs. 100/- for each special reservation category at the time of Registration. Candidates are instructed to produce appropriate certificates and supporting documents for special reservation claim. If appropriate certificates and documents are not produced, their claim under such categories will not be considered.

Only Tamil Nadu Native candidates are eligible for Special reservation.

Quota for Special Reservation Categories

Sl. No.	Category	Number of Seats			
		University Depts. and University Colleges	Govt. & Govt. Aided Colleges	Self-Financing Colleges	TOTAL
1.	Son's / Daughter's of Ex-Servicemen*	8	34	108	150
2.	Persons with benchmark disabilities				
a)	Blindness and low vision	1 % #			
b)	Deaf and hard hearing	1 % #			
c)	Locomotor disability including cerebral palsy, leprosy cured, dwarfism, acid attack victims and muscular dystrophy	1 % #			
d)	Autism, intellectual disability, specific learning disability and mental illness	1 % #			
e)	Multiple disabilities from amongst persons under clauses (a) to (d) including deaf-blindness in the programme identified for each disabilities	1 % #			
		University Depts.	University Colleges / Govt. / Aided and Self Financing Colleges		
3.	Eminent Sports Persons as per Annexure II*	12	488		500

1 % of total seats under Single Window System

Letter No: 10494/J2/2017-1 dt. 13.07.2017 from HE (J2) Dept.

* G.O. (Ms) No. 121 HE (J1) Department dt: 03.07.2012.

Note:

(i) Candidates claiming admission against the reservation of seats under Son's / Daughter's of Ex-Servicemen Category (Sl. No. 1) should produce the certificate in the format (Certificate No. III) from an officer of the Department of Ex-servicemen's Welfare of Tamil Nadu not below the rank of Assistant Director of Ex-servicemen's Welfare of the district in which the dependent is a native. **Candidates should also produce discharge certificates and Ex-Servicemen ID card of their parent.**

(ii) Candidates seeking admission against reservation set apart for Visually Impaired, Hearing impaired (Deaf), orthopaedically Differently Abled Persons, Autism, Multiple disabilities (Sl. Nos. 2a to 2e) should produce the certificate from the **Medical Board (minimum 3 doctors) of the District** concerned certifying the nature and **extent of disability in percentage** and with regard to his/her suitability for admission to Engineering Colleges specifically mentioned under 5.2 and in the format (Certificate No. IV/V/VI/VII/VIII). Certificates obtained from an **individual Doctor** will not be considered. **Further, a separate medical Board for each category will examine the candidates with reference to their certificates.**

(iii) Candidates seeking admission against special reservation of seats under Eminent Sports Persons (Sl. No. 3) should upload their original sports certificates along with appropriate forms as given in Annexure II. A separate instructions will be given later after the completion of registration process.

(iv) Candidates seeking admission against seats under Special reservation categories (Sl. No. 1 to 3) **should also satisfy the eligibility rules mentioned in item No. 3 of page number 1.** The candidates are also eligible for admission **under general counselling.**

Eligibility criteria for various disabilities

A. Norms for Visual Impairment

Candidates with low vision of 40 % and above are considered as disabled, and hence eligible for claiming Engineering Admission against Differently Abled Persons category (Certificate No. IV).

1. "Blindness" means a condition where a person has any of the following conditions, after best correction—

- (i) total absence of sight; or
- (ii) visual acuity less than 3/60 or less than 10/200 (Snellen) in the better eye with best possible correction; or
- (ii) limitation of the field of vision subtending an angle of less than 10 degree.

2. "Low-vision" means a condition where a person has any of the following conditions, namely:—

- (i) visual acuity not exceeding 6/18 or less than 20/60 up to 3/60 or up to 10/200 (Snellen) in the better eye with best possible corrections; or
- (ii) limitation of the field of vision subtending an angle of less than 40 degree up to 10 degree.

Person with impairment of vision of less than 6/18 to 6/60 with best correction in the better eye or impairment of field in any one of the following categories:

(a) Reduction of fields less than 50 degrees, (b) Heminaopia with macular involvement, and (c) Attitudinal defect involving lower fields categories of Visual Disability all with correction.

Category	Better eye	Worse eye	Impairment
Category O	6/9 – 6/18	6/24 to 6/36	20 %
Category I	6/16 – 6/36	6/20 to Nil	40 %
Category II	6/40 – 4/60 or field of vision 10° - 20°	3/60 to Nil	75 %
Category III	3/60 to 1/60 or field of vision 10°	F.C at 1 ft. to Nil	100 %
Category IV	F.C at 1 ft. to Nil or field of vision 10°	F.C at 1 ft. to Nil	100 %
One eyed persons *	6/6	F.C at 1 ft. to Nil or field of vision 10°	30 %

Note: F.C. means Finger Count

* ONE EYED persons with normal vision are not considered as disabled.

B. Norms for Hearing Impairment

Candidates with hearing ability of 40 db and above only in the better ear with speech discrimination score of 50 % and above are considered disabled and hence eligible for claiming Engineering Admissions against Differently Abled Persons category (Certificate No. V).

1. "Deaf" means persons having 70 DB hearing loss in speech frequencies in both ears.

2. "Hard of hearing" means person having 60 DB to 70 DB hearing loss in speech frequencies in both ears.

C. Norms for Locomotor Disability

Candidates with permanent physical impairment of 40 % and above are considered as disabled. The candidates with Locomotor disability including cerebral palsy, leprosy cured, dwarfism, acid attack victims and muscular dystrophy of the following types are eligible for claiming Engineering Admission against Differently Abled Persons category (Certificate No. VI).

1. Locomotor disability (a person's inability to execute distinctive activities associated with movement of self and objects resulting from affliction of musculoskeletal or nervous system or both).

(i) Independent in ambulence with or without calipers but without walking aids. (ii) Good Standing Balance without calipers but without any support. (iii) Hand Function with normal limit without any aid. (iv) Good control over bladder & bowel. (v) Disease must be non progressive.

2. "Leprosy cured person" means a person who has been cured of leprosy but is suffering from—

- (i) loss of sensation in hands or feet as well as loss of sensation and paresis in the eye and eye-lid but with no manifest deformity;
- (ii) manifest deformity and paresis but having sufficient mobility in their hands and feet to enable them to engage in normal economic activity;
- (iii) extreme physical deformity as well as advanced age which prevents him/her from undertaking any gainful occupation, and the expression "leprosy cured" shall be construed accordingly;

3. "Cerebral palsy" means a Group of non-progressive neurological condition affecting body movements and muscle coordination, caused by damage to one or more specific areas of the brain, usually occurring before, during or shortly after birth;

4. "Dwarfism" means a medical or genetic condition resulting in an adult height of 4 feet 10 inches (147 centimeters) or less;

5. "Muscular dystrophy" means a group of hereditary genetic muscle disease that weakens the muscles that move the human body and persons with multiple dystrophy have incorrect and missing information in their genes, which prevents them from making the proteins they need for healthy muscles. It is characterised by progressive skeletal muscle weakness, defects in muscle proteins, and the death of muscle cells and tissue;

6. "Acid attack victims" means a person disfigured due to violent assaults by throwing of acid or similar corrosive substance.

D. Norms for Autism, Intellectual Disability, Specific Learning Disability and Mental Illness

Candidates with permanent physical impairment of 40 % and above are considered as disabled. The candidates with Autism, Intellectual Disability, Specific Learning Disability and Mental Illness of the following types are eligible for claiming Engineering Admission against Differently Abled Persons category (Certificate No. VII).

1. "Speech and language disability" means a permanent disability arising out of conditions such as laryngectomy or aphasia affecting one or more components of speech and language due to organic or neurological causes.

2. Intellectual disability, a condition characterized by significant limitation both in intellectual functioning (reasoning, learning, problem solving) and in adaptive behaviour which covers a range of every day, social and practical skills, including—

- (i) "specific learning disabilities" means a heterogeneous group of conditions wherein there is a deficit in processing language, spoken or written, that may manifest itself as a difficulty to comprehend, speak, read, write, spell, or to do mathematical calculations and includes such conditions as perceptual disabilities, dyslexia, dysgraphia, dyscalculia, dyspraxia and developmental aphasia;
- (ii) "autism spectrum disorder" means a neuro-developmental condition typically appearing in the first three years of life that significantly affects a person's ability to communicate, understand relationships and relate to others, and is frequently associated with unusual or stereotypical rituals or behaviours.

3. Mental behaviour — "mental illness" means a substantial disorder of thinking, mood, perception, orientation or memory that grossly impairs judgment, behaviour, capacity to recognize reality or ability to meet the ordinary demands of life, but does not include retardation which is a condition of arrested or incomplete development of mind of a person, specially characterized by sub normality of intelligence.

4. Disability caused due to—

- (i) chronic neurological conditions, such as—
 - (a) "multiple sclerosis" means an inflammatory, nervous system disease in which the myelin sheaths around the axons of nerve cells of the brain and spinal cord are damaged, leading to demyelization and affecting the ability of nerve cells in the brain and spinal cord to communicate with each other;
 - (b) "Parkinson's disease" means a progressive disease of the nervous system marked by tremor, muscular rigidity, and slow, imprecise movement, chiefly affecting middle-aged and elderly people associated with degeneration of the basal ganglia of the brain and a deficiency of the neurotransmitter dopamine.
- (ii) Blood disorder—
 - (a) "hemophilia" means an inheritable disease, usually affecting only male but transmitted by women to their male children, characterized by loss or impairment of the normal clotting ability of blood so that a minor wound may result in fatal bleeding;
 - (b) "Thalassemia" means a group of inherited disorders characterized by reduced or absent amounts of hemoglobin.
 - (c) "sickle cell disease" means a hemolytic disorder characterized by chronic anemia, painful events, and various complications due to associated tissue and organ damage; "hemolytic" refers to the destruction of the cell membrane of red blood cells resulting in the release of hemoglobin.