



SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY

[Approved by AICTE, Affiliated to Anna University and Accredited by NAAC & NBA (CSE, ECE & MECH)]

Pullipalayam, Morur (Post), Sankari (Tk), Salem (Dt) – 637 304

Website: www.shanmugha.edu.in Contact Number: 04283-262901

2. TamilNadu Engineering Admission Guidelines (TNEA) (Reservation Policy)



தமிழ்நாடு பொறியியல் சேர்க்கை 2019

TAMIL NADU ENGINEERING ADMISSIONS 2019

Official TNEA Web Portals:

<https://www.tneaonline.in>

or

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

மாணவர்களுக்கான தகவல் மற்றும் வழிமுறைகள்

INFORMATION AND INSTRUCTIONS TO CANDIDATES

PRINCIPAL,
SRI SHANMUGHA COLLEGE OF
ENGINEERING & TECHNOLOGY,
PULLIPALAYAM, MORUR-637 304.
SANKAGIRI(TK). SALEM(DT). T.N.

Original, Photocopy of the documents and signed hard copy of the registered application (PDF obtained after successful application registration through online) should be produced at the time of Certificate Verification at TNEA Facilitation Center (TFC).

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.in or www.tndte.gov.in) only



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TAMIL NADU ENGINEERING ADMISSIONS 2019
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

1.1 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

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

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

1.3 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 |

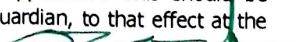
3. ELIGIBILITY

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.

3.1 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** at the time of original certificates verification at TNEA Facilitation Centre (TFC).
- 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 at the time of original certificates verification at TFC.


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- 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 at the time of original certificates verification at TFC.
- 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 at the time of original certificates verification.
- 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 at the time of original certificates verification at TFC:

- (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.

3.2 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 |
|-------------------|--|
| 421 | General Machinist |
| 422 | Electrical Machines and Appliances |
| 423 | Electronic Equipments |
| 424 | Draughtsman Civil |
| 425 | Auto Mechanic |
| 426 | Textile Technology |

Note:

- (i) 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.
- (ii) For minimum eligibility rounding of marks and normalised marks will not be considered.

3.3 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.

3.4 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:

- (i) Maximum age limit 25 years.
- (ii) Minimum Height 157 cm.
- (iii) Minimum Weight 48 kg.
- (iv) 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.

3.5 Mining Engineering Branch

Note to Female candidates opting for Mining Engineering course.

- (1) As per Mines Act 1952, 46 (1) no woman shall, notwithstanding anything contained in any other law, be employed –
 - (a) in any part of a mine which is below ground;
 - (b) in any mine above ground except between the hours of 6 A.M. and 7 P.M.
- (2) 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.
- (3) They should satisfy the academic norms of Anna University.

4. ALLOCATION OF SEATS

4.1. 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 (Arunthathiyyars) | 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 (Arunthathiyaars) | 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 at the time of original certificates verification at TFC, 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.

5. SPECIAL RESERVATION

5.1 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 at the time of Original Certificates Verification at TFCs. 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 called for Certificates Verification 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, at the time of Original Certificates Verification at TFC.**

(iii) Candidates seeking admission against special reservation of seats under Eminent Sports Persons (Sl. No. 3) should produce their original sports certificates along with appropriate forms as given in Annexure II at the time of Original Certificates Verification at TFC at Chennai only.

(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.**

5.2 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
- (iii) 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 ambulance 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;

ANNEXURE – II
Item No. 22

ALLOTMENT OF SEATS FOR CANDIDATES UNDER QUOTA FOR EMINENT SPORTS PERSONS

1. The purpose of this quota is to recognise and give weightage to the sports eminence of the candidates and hence marks for sports achievements alone will be considered in ranking the candidates. The candidates are expected to continue their good performance in sports, even after admission.
2. The candidate shall submit **all the sports certificates along with participation certificates and relevant forms** issued by Association / Federation concerned, but only one highest achievement in a tournament (among the International, National, State, Divisional and District) in an academic year in the sports disciplines listed in Table VIII will be considered for awarding marks.
3. Selection of the candidate will be based on the marks obtained by the candidate strictly following the guidelines, given in the tables.

Table (I) - Marks for Recognised International Achievement

| Sl. No | Competition | Gold | Silver | Bronze | Participation |
|--------|--|------|--------|--------|---------------|
| 1. | International (Representing India Category – I) | 1000 | 850 | 650 | 300 |
| 2. | International (Representing India Category – II) | 500 | 450 | 400 | 150 |

Table (II) – Marks for Recognised National Achievement

| Sl. No. | Competitions | Allocation of Marks | | | |
|---------|---|---------------------|--------|--------|---------------|
| | | Gold | Silver | Bronze | Participation |
| 1. | National Championships / National Games – Organised by National Federations / IOA | 190 | 160 | 130 | 50 |
| 2. | School Games Federation of India (SGFI) Meet (National Level) | 190 | 160 | 130 | 50 |
| 3. | All India Rural Sports Meet / PYKKA National Level Rural Competition / KHELO-India. | 190 | 160 | 130 | 50 |
| 4. | National Sports Festival for Women / PYKKA National Level Women Competition/ KHELO-India. | 190 | 160 | 130 | 50 |
| 5. | National Inter School Competition (National Level) | 190 | 160 | 130 | 50 |

Table (III) – Marks for Recognised State Championship

| Sl. No. | Competitions | Allocation of Marks | | | |
|---------|--|---------------------|--------|--------|---------------|
| | | Gold | Silver | Bronze | Participation |
| 1. | State Championship Representing Revenue District – Organised by State Associations | 95 | 80 | 65 | 20 |

Table (IV) – Marks for Recognised State Level Achievements

| Sl. No. | Competitions | Allocation of Marks | | | |
|---------|---|---------------------|--------|--------|---------------|
| | | Gold | Silver | Bronze | Participation |
| 1. | Bharathiar Day Sports Meet (State Level) | 80 | 65 | 50 | 15 |
| 2. | Republic Day Sports Meet (State Level) | 80 | 65 | 50 | 15 |
| 3. | State Inter School Competition (State Level) | 80 | 65 | 50 | 15 |
| 4. | KVS / CBSE National Sports Meet (State Level) | 80 | 65 | 50 | 15 |
| 5. | PYKKA (Panchayat Yuva Krida Aurkhel Abhiyan) State Rural Competition/ KHELO-India | 80 | 65 | 50 | 15 |
| 6. | Chief Minister Trophy / SDAT State Games (State Level) | 80 | 65 | 50 | 15 |



