SREE CHITRA THIRUNAL COLLEGE OF ENGINEERING
PAPPANAMCODE, THIRUVANANTHAPURAM – 695 018
(Established in 1995 under the Government of Kerala)
Phone: 0471-2490572 / 2490772, 9495565772
Website: www.sctce.ac.in, E-mail: admissions@sctce.ac.in

PROSPECTUS FOR ADMISSION TO M. TECH DEGREE COURSE FOR THE YEAR 2023–24 UNDER KSRTC/SCTCE QUOTA

Ref: 1. GO (Rt.) No.1365/11/H.Edn dated 27.08.2011 of Govt. of Kerala

2. GO (Rt.) No.1721/2012/H.Edn dated 09.08.2012 of Govt. of Kerala

3. G.O.(Ms)No. 368/ 2023/HEDN dated 24.06.2023 of Govt. of Kerala

1.General

Sree Chitra Thirunal College of Engineering (SCTCE), Thiruvananthapuram offers three Post Graduate courses in Engineering for awarding Masters Degree (M.Tech) in the appropriate branches by the APJ Abdul Kalam Technological University (KTU) with the approval of AICTE viz.

- **Mechanical Engineering (Machine Design)**
- **Electronics & Communication Engg. (Signal Processing)**
- **Computer Science and Engineering (CSE)**

The course duration is 24 months consisting of 4 semesters. Total number of seats is 18 in each branch, out of which 15 seats are reserved for Govt. quota and the remaining 3 seats are reserved for the wards of KSRTC employees. If these seats fall vacant, they will be allotted to the wards of SCTCE employees. Still vacancy is there, it may be converted to Govt. quota. Admissions to all these seats are based on merit as specified by the Govt. of Kerala.

2. About the College

SCTCE was established by the Govt. of Kerala in the year 1995, affiliating to the University of Kerala, in memoriam of the Great Maharaja of Travancore Sree Chitra Thirunal Bala Rama Varma. The institution has the broad objective of being an active agent of change by responding to the needs and challenges of the times by grooming young men and women into technocrats through the process of engineering education, training and research. SCTCE is one of the few colleges in the state which achieved NBA accreditation for all the major departments and ISO 9001:2000 certification within a short span of time after the college started functioning.

Exposing the young minds to the world of technology, SCTCE instills in them plenty of confidence and fortitude to face new challenges and triumph in their chosen areas. The college sustains the development of all facets of the mind culminating in an intellectual and balanced personality. A systematic methodology together with a team of experienced and dynamic faculty with the state of the art and unparalleled infrastructure distinguish the SCTCE learning experience.

With a scientifically planned methodology, combined with the best in the teaching profession and the state of the art infrastructure, the quality of the engineering education has been almost unparalleled in the region. The institute has turned into a benchmark for others to emulate. With all the seats filled from the year of inception and placements for the eligible outgoing students is nearing 100% target, the college looks forward with confidence to serve the nation with commitment. The institute also offers consultancy and technical services with immense institute-industry interface. Many student projects have won prizes in technical fests in the past several years.

Apart from an erudite and experienced faculty, the college also takes pride in its students having consistently topped the Kerala University B.Tech and M.Tech examinations. A large number of our students secure high scores in the GATE, GRE, GMAT and CAT Examinations. The Alumni working in various industrial sectors across the world act as an interface between the college and the industry. Every year, a large number of companies visit the College for campus recruitment and the caliber of students recruited reinforces their trust in the Institution.

The College is managed by Board of Governors consisting of the Honorable Minister for Transport, Govt. of Kerala (Chairman), Secretary for Transport Department (Vice-Chairman), Principal Secretary - Higher Education, Principal Secretary - Finance, Managing Director of KSRTC, F.A& C.A.O of KSRTC, Director of Technical Education, two educationalists nominated by the Chairman, AICTE Regional Director, and the Principal of the College (Member Secretary).

The College campus is at Pappanamcode, on the side of Thiruvananthapuram-Kanyakumari National Highway, 5 km from Thiruvananthapuram Central Railway Station and Central Bus Station. It is about 15 km from the Thiruvananthapuram International Airport. It is easily accessible by road from any part of Thiruvananthapuram.

3. Submission of on-line application

Read the prospectus completely. All applications are to be made through on-line mode from the website of the College (sctce.ac.in) **on or before 20.08.2023, 8.00 PM.** The application fee is Rs.500/- (Rupees Five Hundred only) (Rs.100/- incase of SC/ST candidates) also shall be remitted through online mode while filling the application

4. Submission of Hard copy of Application form

The printed copy of the application submitted on-line together with copies of the following documents should be submitted to the Managing Director, KSRTC on or before 22.08.2023. Those who apply for SCTCE quota should submit the application form to Principal, SCT College of Engineering, Pappanamcode P.O, Thiruvananthapuram on or before 22.08.2023. **No corrections can be made after clicking the PRINT Button.**

Documents to be submitted by all candidates

(a) Engineering Degree Certificate and Mark lists.
(b) GATE score card (for candidates with valid GATE score).
(c) Community and Income certificate issued by the Village Officer for candidates who claim eligibility under SEBC quota.
(d) Community certificate issued by the Tahsildar for candidates who claim eligibility for reservation under SC/ST quota.
(e) Nativity Certificate from the Village Officer, in the case of Keralite students seeking admission under non-GATE category.

(f) Candidates from Universities outside the State should produce eligibility certificate from among the Universities in Kerala with the application.

5. Eligibility for admission

a. The candidate shall be an Indian national.

b. The candidate should have studied the undergraduate course in an institution approved by the AICTE / Deemed Universities in India and should have a minimum of 60% aggregate marks in the Engineering Degree Examinations or equivalent as given below. For SC/ST candidates a pass in the Engineering Degree course is sufficient and for SEBC (OBC) students, a minimum of 55% of aggregate marks is mandatory. In the case of under graduation from foreign university in an appropriate area, in which an equivalency certificate issued from APJ Abdul Kalam Technological University or any other University within Kerala offering Engineering/architecture/planning undergraduate programmes.

1. **Machine Design**: Mechanical Engineering, Aeronautical Engineering, Automobile Engineering, Industrial Engineering, Mechanical Engineering (Automobile), Mechanical Engineering (Production), Mechatronics, Metallurgical and Materials Engineering, Production Engineering

2. **Signal Processing:** Electronics and Communication Engineering, Applied Electronics and Instrumentation Engineering, Electronics & Biomedical Engineering, Biomedical Engineering, Instrumentation and Control Engineering, Electronics and Computer Engineering, Electrical and Electronics Engineering, Electrical and Computer Engineering, MSc Electronics/Physics with valid GATE Score

3. **Computer Science and Engineering**: Computer Science and Engineering, Artificial Intelligence, Artificial Intelligence and Data Science, Artificial Intelligence and Machine Learning, Computer Science and Business Systems, Computer Science and Design, Computer Science and Engineering (Cyber Security), Computer Science and Engineering (Artificial Intelligence and Machine Learning), Computer Science and Engineering (Artificial Intelligence), Computer Science and Engineering (Data Science), Computer Science and Engineering (Digital Forensics and Cyber Security), Information Technology, Electronics and Communication, Electrical and Electronics Engineering, Applied Electronics and Instrumentation, Electrical and Computer Engineering, Electronics and Computer Engineering, MCA, MSc Computer Science, M Sc in Mathematics /statistics with Valid Gate Score

OR

Candidates, who have passed AMIE / AMIETE Examinations and satisfying the following conditions, are eligible for admission.(Graduates from Institution of Engineers (India) (AMIE) or from Institution of Electronics and Telecommunication Engineers (India) (AMITE) in appropriate area with a valid GATE score in appropriate subject

AND

A minimum *of 55%** marks for section B in AMIE/AMIETE examination. (°Relaxation if any as prescribed by APJ Abdul Kalam Technological University).Sponsored candidates (Relaxation if any as prescribed by APJ Abdul Kalam Technological University).

c. Candidates who have appeared for the final semester examination of the UG course can also apply, provided he / she has passed all the subjects upto and including the 6th semester examination. Such candidates shall submit self-attested copies of all mark lists showing marks of individual subjects upto 6th semester along with the application. Selection of such

candidates shall be subjected to the production of qualifying degree- satisfying clauses 5(a) & (b) as applicable on or before the date stipulated by the University/College.

d. In case seats remained vacant due to lack of candidates with valid GATE score, candidates from Kerala State without valid GATE score will be considered against such vacancies and if seats are still remaining vacant, candidates from other states will be considered for admission.

6. Fee Structure

Admission fees	-	Rs.252/-
Special fees	-	Rs.4,070/-
Tuition fees/sem-		Rs.11,580/- (Merit Quota by DTE)*
		Rs.45,000/- (KSRTC /SCTCE quota)
Caution deposit	-	Rs.5,000/-
PTA	-	Rs.4,500/-
KTU Fees	-	Rs.7,070/-
Students Welfare Fund	-	Rs.3,600/-
Institutional Development Fund		Rs.5,000/-
Co-operative Society Fee	-	Rs.50/-

* -Subject to the approval from Higher Education department

Important Note: Applicants must enter DTE's Application Number and Rank in the on- line application, if available

7. Selection of candidates

Admission to the merit seats (15 Nos.) will be filled up by Director of Technical Education (DTE) from the rank list published by the **DTE** and the remaining (3 Nos.) will be filled up by the Selection Committee in the college.

In the absence of candidates with GATE score, selection will be based on the aggregate marks (upto 6th semester examination for the final year students) of B.Tech course.

8. Order of Priority given to candidates for selection from the rank list prepared in the College

1. GATE scholars from DTE's rank list
2. Non GATE scholars from DTE's Rank list
3. GATE scholars not included in DTE's rank list, but applied in the college
4. Non GATE scholars not included in DTE's rank list but applied in the college.

No. of seats in each branch
Total No. of seats	:	18
a. General seats	:	15 -Admission by DTE
b. Management seats	:	3 (reserved for wards of KSRTC employees, *If the seats reserved for the KSRTC quota fall vacant, these seats will be allotted to the wards of SCTCE employees* quota.

Other matters

1. **No individual memo will be sent to the candidates for counseling/interview and admission will be completed on the same date of interview. The dates will be available at the college website.**

2. If a candidate fails to report for counseling/interview on the specified date, his/her claim for selection will not be considered further.
3. If sufficient GATE qualified candidates are not available, the selection will be made from Keralite candidates based on the aggregate marks upto 6th semester of B.Tech and such candidates have to produce a Nativity Certificate. In case of tie, selection will be made on the basis of the earlier Date of Birth.
4. Transfer Certificate issued from the Institutions last attended must be produced at the time of counseling.
5. The selection of candidates will be provisional and subject to verification of original documents at the time of admission.
6. **All information including the memos of interviews will be available at the college website only and no individual communication will be made.**

8. Educational concession

No educational concession will be available to the students of M Tech programme. However, the SC/ST/OEC candidates can submit application for educational concession from SC Development Department in the prescribed form along with supporting documents within one week from the date of commencement of regular classes. If they fail to do so, they should pay the prescribed fee. In case of educational concession not sanctioned by the SC Development Department the student is liable to remit the entire fee. Sanctioning of educational concession is also subject to the orders of SC Development Department from time to time.

9. Liquidated Damages

As per Govt. order given as Reference (3)

10. Scholarship

Scholarship is available for candidates with valid GATE score at the rate of Rs.12,000/- per month vide GO (Rt) No.67/09/H.Edn dated: 19.01.2009 for the total period of 24 months subject to the following conditions:

a) Each student shall undertake 8 to 10 hours of work per week related to teaching and research activities as assigned by the institutions.
b) The students must secure first class or equivalent during the first semester examination to become eligible for continuance of scholarship.
c) The student shall give an undertaking to the effect that he/she will not leave the course midway or appear for any competent examination not related to Engineering and Technology.
d) The student shall not receive any emoluments, salary, stipend etc from any other source during the course of study.

In the case of candidates with valid GATE score but do not satisfy the condition (a) above, an amount of Rs.1000/- only will be given as scholarship.

Any other details not specifically covered by the clauses given above will be decided by the Principal and her decision will be final and also she is empowered to cancel any admission which is found to be illegal subsequent to the admission.

Sd/-
PRINCIPAL

Place: Thiruvananthapuram
Date : 14.08.2023

SCHEDULE OF IMPORTANT DATES *(TENTATIVE)

1	College website will be activated	16.08.2023
2	Last date of on-line submission	20.08.2023, 9.00 PM
3	Last date of hard copy submission to MD, KSRTC for KSRTC quota/Principal, SCTCE for SCTCE quota	22.08.2023
4	Last date of hard copy submission to Institution	24.08.2023
5	Publishing of rank list	25.08.2023
6	Interview /Admission Date	04.09.2023
7	Commencement of classes	05.09.2023
8	Admission process to be completed on	15.09.2023

* The above dates are subject to change in accordance with the changes in Important dates announced by the Director of Technical Education, Govt. of Kerala