Government of Kerala
Department of Technical Education
G.O.(Ms)No.115 /2018/HEDN dated: 31/05 /2018
<u>**PROSPECTUS FOR ADMISSION TO P.G. DEGREE COURSE IN**</u>
<u>**ENGINEERING FOR THE YEAR 2018**</u>

I. <u>General</u>

Post Graduate Degree Courses in Engineering are being offered to the graduates in Engineering, in various Engineering Colleges in the state for awarding Masters Degree in the appropriate branches by the Universities concerned. The course shall extent over a period of 24 months consisting of 4 semesters.

II. <u>Institutions and Intake</u>

The details of institutions offering P.G. Course in various disciplines towards which centralized allotment will be done and the intake are given in the Annexure A and B. For filling up of the 50% Seats in Private Self Financing Engineering Colleges in the State, the concerned Principals should resort the Rank list published by the Directorate of Technical Education complying the reservation norms as mentioned in clause IV of the prospectus. In the absence of candidate in the rank list, other eligible candidates can be considered.
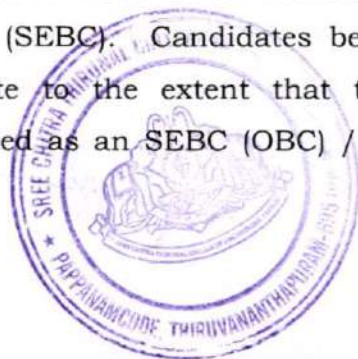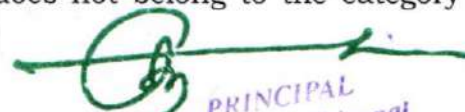
III. <u>Fee structure</u>

For Institutions in Annexure A and B

Item	Government & Aided Institution (Annexure A)	Government Controlled Self Financing Engineering College (Annexure B)
Admission Fee	Rs 225/-	
Tuition Fee	Rs 6000/- per semester	a)For SCT- Fee same as for Government & Aided Institution b)Rs 12000/-per semester for Colleges under CAPE c) Rs 45000/- per semester for all other Colleges
Special Fee	Rs 3500/- per year	Other fee are applicable and it should be payable at the respective institution
Caution Deposit	Rs 1500/-	

IV <u>Reservation of seats</u>

a) 5% Seats are reserved for candidates belonging to Socially and Educationally Backward Classes (SEBC). Candidates belonging to SEBC (OBC) and OEC should produce a certificate to the extent that the candidate belongs to the community which is designated as an SEBC (OBC) / OEC and does not belong to the category of Creamy Layer.
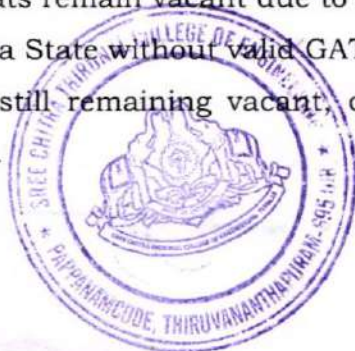
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b) 15% Seats are reserved for SC/ST Candidates.

c) The seats reserved for each category will be distributed among the eligible communities by observing the pattern of general reservation rules of the state.

d) 3% seats are reserved for physically handicapped candidates.

e) 15% seats relating to management quota in T K M College of Engineering, Kollam, M A College of Engineering, Kothamangalam and N S S College of Engineering, Palakkad will be filled by the Management (For courses in Annexure A).

f) The Management seats and sponsored seats if any in the Government Controlled Self Financing Engineering Colleges (institutions mentioned in Annexure B) will be filled by the institutions themselves. If any sponsored seat remains unfilled, it can be converted to merit seats and the institutions themselves can fill the above seats by inviting separate applications from among the candidates figuring in the rank list published by the Director of Technical Education on merit basis and following reservation policy.

V. Eligibility for admission

a) The candidates shall be an Indian National.

b) The candidates should have studied the Graduate course in an institution approved by the AICTE / Deemed Universities in India.

c) Candidates should have a minimum of 60% aggregate marks in the Engineering Degree examination. For SC/ST candidates a pass in the Engineering Degree course is sufficient. For SEBC (OBC) students, a minimum of 54% aggregate marks in the Engineering Degree examination is mandatory.

d) Candidates, who have passed AMIE / AMIETE Examinations and satisfying the following conditions, are eligible for admission.

1) They must have valid GATE score.

2) A minimum of 55% marks for section B in AMIE/AMIETE examination.

e) Candidates who have appeared for the final semester examination can also apply, provided he / she has passed all the subjects up to and including the 6th semester exam (8th semester for B. Arch students). Confirmation of admission of such candidates shall be subject to the production of qualifying degree –before the date stipulated by the affiliated University.

f) Admission shall normally be restricted to those with valid GATE score. However, this stipulation is relaxed in the case of Sponsored candidates.

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

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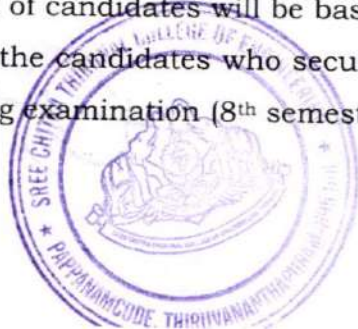**VI. Equivalency table is enclosed as Annexure – A and B.**

VII. Submission of Applications

a) Applications should be filled online logging on to the website **www.dtekerala.gov.in** or **www.cet.ac.in**. The different entries in the application are to be filled with extreme care, as this information is used for preparing the rank list. After submitting the application online, an application fee of Rs 500/- (Rs 100/- in case of SC/ST Candidates) is to be remitted in any specified branch of State Bank of India. A printout of the filled up application should be taken and sent with self attested copies of the following documents, to **the Principal, College of Engineering, Thiruvananthapuram-695 016.**

b) Engineering Degree certificate and all Mark lists . Those who are appearing for final examination in this year must produce mark list up to 6th Semester for B Tech and 8th Semester for B Arch students

c) GATE Score card (for Candidates with valid GATE Score)

d) Non-Creamy Layer Certificate or Income and Community Certificate issued by the village officer for candidates who claim eligibility under SEBC (OBC) quota.

e) Community Certificate issued by the Tahsildar for candidates who claim eligibility for reservation under SC/ST quota.

f) The candidates who belong to OEC category should submit the community and Non Creamy Layer Certificate issued by the Tahsildar / Village Officer.

g) Sponsorship Certificate and relevant Govt.order (for Sponsored Candidates)

h) Physical disability certificate (if applicable).

i) Diploma Certificate for B.Tech Lateral Entry students.

VIII. Selection of Candidates

1. For Institutions in Annexure A and Annexure B

a) Candidates will have to register their option while submitting the application.

b) The selection of Candidates will be supervised by the selection committee consisting of the Director of Technical Education (Chairman), the Senior Joint Director (ECS) and the Principal. College of Engineering, Thiruvananthapuram. The Principal, College of Engineering, Thiruvananthapuram will be the co-ordinator and venue of admission work is College of Engineering, Thiruvananthapuram.

c) Selection of candidates will be based on the GATE score. In case of tie, advantage will be given to the candidates who secure highest aggregate marks up to 6th semester in their qualifying examination (8th semester for B.Arch students).

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d) If sufficient GATE qualified candidates are not available, the selection will be made from Keralite candidates based on the aggregate marks up to 6th semester in their qualifying examination (8th semester for B.Arch students). Candidates who produce Nativity Certificate in original obtained as per Annexure- C, at the time of admission will only be admitted in this case. A Rank List will be published based on the GATE Score/Percentage of marks. Candidates are requested to verify their branch/Marks/Category etc. at the time of publishing draft Rank List. After finalizing the Rank List, any alternation on those factors will not be entertained under any Circumstances

e) Allotment list will be published in the websites, **www.dtekerala.gov.in** and **www.cet.ac.in.**

f) Allotment letter can be downloaded from the website **www.dtekerala.gov.in** or **www.cet.ac.in.** Selected candidates have to remit the fee on or before the last date in any of the specified branches of State Bank of India. Otherwise, the admission will be cancelled.

g) Sponsored candidates, if any, will be admitted as per relevant Government Orders.

h) Transfer Certificate issued from the institutions last attended must be produced at the time of admission.

i) The selection of candidates will be provisional and subject to verification of original documents by the Principal concerned at the time of admission.

j) For Candidates who get college changes in the subsequent allotments, including spot admission by the DTE are to be relieved in time. The amount collected from such candidates by the respective institutions should be refunded in full.

2. For Private Self Financing Engineering Colleges in the State

a) A rank list will be prepared, which will include all the eligible applicants as per clause V

b) Institutions will conduct admission by themselves from this rank list, after inviting separate applications and ascertaining the eligibility for admission as per the norms of the University and following the statutory reservation policy. For filling up of 50% Seats, the Concerned Principals should resort the Rank List published by the Directorate of Technical Education, and in the absence of candidates in the Rank List by Directorate of Technical Education, other eligible candidates from the Rank List prepared by the institutions can be considered.

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IX   Remittance of fee & Refund of fee

a)   The fee for a course allotted to the candidate will have to be paid within the
Stipulated time at any branch of State Bank of India. Any other mode of payment   other
than through SBI will not be accepted. The fees collected from candidates will be
transferred to the College where the candidate stands admitted on closing of
admissions.

b)   Refund of fee will be applicable only to students who leave the college on cancellation of
admission on or before the closing date of admission. The amount of fee collected will be
refunded to the candidates only after the closing of admission process for the year. No
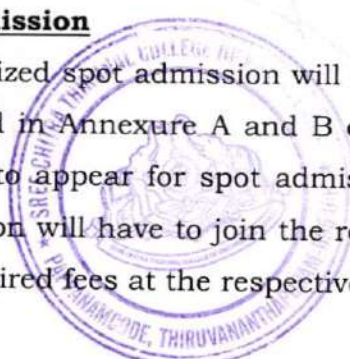interest will be paid to the candidates.
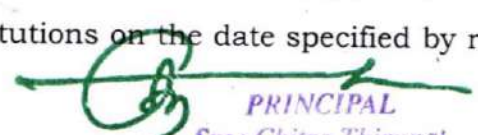
X.   Important Dates given in Annexure- D

XI   Liquidated Damages

a)   The candidates who obtain admission in any of the institutions in **Annexure-.A and B**
and discontinue studies after the closing date of admission are liable to pay Rs 30000/-
(Rupees Thirty thousand only) plus the tuition fee and special fee for the remaining
period of the course as liquidated damages. Candidates who secure admission to IIT/
IISc/ NIT/ IIT or to any Defence Department are exempted from remitting liquidated
damages.

b)   The Private Self Financing Engineering Colleges in the State will conduct the
admission as per Clause VIII.2.b and the joining date of   admission for these
institutions will be after the date of 1st Allotment by   DTE.
All students leaving these institutions after the closing date of admission announced by
Directorate of Technical Education will have to pay liquidated damages plus tuition fee
and special fee for the remaining period of the course. The student should be informed
of this, well in advance, by the   respective institutions.

c)   In all such cases the Transfer Certificate will be issued only after remitting the
liquidated damages to the authority concerned. Candidates belonging to SC/ST/OEC
are exempted from this rule.

XII   Spot Admission

a)   A centralized spot admission will be conducted for the vacant seats if any in the courses
specified in Annexure A and B on a date fixed later. All students in the rank list are
eligible to appear for spot admission. Candidates selected for admission through spot
admission will have to join the respective institutions on the date specified by remitting
the required fees at the respective Institution.

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b) Those who are admitted in any institutions through centralized allotment must produce No Objection Certificate from the principals of respective institutions and Principals must issue NOC on candidate's request to appear for Centralized Spot Admission. All other candidates should produce Original Certificate/ mark lists at the time of spot admission.

c) In case seats remains vacant, after the centralized spot admission, the respective institutions can conduct their own spot admission by observing reservation norms as specified in clause IV by giving wide publicity. A separate Rank list may be prepare for the same.

XIII. Scholarship

Scholarship is available for candidates with valid GATE Score as per AICTE norms 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 student shall give an undertaking to the effect that he/she will not leave the course midway or appear for any Competitive examination not related to Engineering and Technology.

c) The students shall not receive any emoluments, salary, stipend etc. from any other source during the course of study.

d) The Students eligible to receive Gate Scholarship should have valid bank account which is linked with their Aadhar card number

SC/ST students will be eligible for stipend as per Kerala State Government Rules.

Any other details not specifically covered by the clause given will be decided by the Director of Technical Education and his/her decision will be final and also empowered to cancel any admission found to be illegal subsequent to the admission.

DIRECTOR OF TECHNICAL EDUCATION

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Name of College	Branch	Sl. No.	Specialization	Eligibility	No. of Seats
			LIST OF GOVERNMENT & AIDED INSTITUTIONS WITH M.TECH PROGRAMMES		
College of Engineering, Thiruvananthapuram	Civil Engineering	1	Geotechnical Engineering	Degree in Civil Engineering	18
		2	Structural Engineering	Degree in Civil Engineering	18
		3	Hydraulics Engineering	Degree in Civil Engineering	18
		4	Traffic & Transportation Engineering	Degree in Civil Engineering	18
		5	Geo Informatics	Degree in Civil Engineering	18
		6	Environmental Engineering	Degree in Civil / Chemical / Mechanical / Industrial / Automobile / Production / Mechanical stream Automobile / Mechanical stream Production Engineering / Mechatronics Engineering	18
	Mechanical Engineering	7	Thermal Science	Degree in Mechanical / Automobile / Production / Mechanical stream Automobile / Mechanical stream Production / Industrial Engineering/ Aeronautical Engineering / Aerospace Engineering / Mechatronics Engineering	18
		8	Machine Design	Degree in Mechanical / Mechanical stream Automobile/ Mechanical stream Production / Industrial Engineering /Mechatronics Engineering	18

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		9	Propulsion Engineering	Degree in Mechanical / Mechanical stream Automobile / Mechanical stream Production /Industrial Engineering/ Aeronautical Engineering / Aerospace Engineering / Mechatronics Engineering	18
College of Engineering, Thiruvananthapuram	Mechanical Engineering	10	Industrial Engineering	Degree in Industrial / Mechanical / Production / Automobile / Mechanical Stream Production / Mechanical stream Automobile / Aeronautical Engineering / Aerospace Engineering / Mechatronics Engineering	18
		11	Financial Engineering	Degree in any Engineering Discipline	18
		12	Manufacturing and Automation	Degree in Mechanical Engineering / Production Engineering / Auto mobile/ Industrial Engineering/ Manufacturing Technology	18
	Electrical & Electronics Engineering	13	Electrical Machines	Degree in Electrical & Electronics Engineering	18

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		14	Power Systems	Degree in Electrical & Electronics Engineering	18
		15	Control Systems	Degree in Electrical & Electronics Engineering	18
		16	Guidance & Navigational Control	Degree in Electrical & Electronics Engineering	18
	Electronics & Communication Engineering	17	Signal Processing	Degree in Applied Electronics & Instrumentation / Electronics & Communication / Electronics & Instrumentation / Instrumentation/ Electrical & Electronics / Electronics / Electronics & Bio Medical Engineering	18
		18	Microwave & Television Engineering	Degree in Applied Electronics & Instrumentation / Electronics & Communication Engineering	18
		19	Applied Electronics & Instrumentation	Degree in Applied Electronics & Instrumentation/ Instrumentation & Control/ Bio Medical Instrumentation/ Electronics & Bio Medical Engineering/ Electronics & Instrumentation/ Instrumentation Engineering/ Electronics & Communication Engineering	18
		20	Micro & Nano Electronics	Degree in Applied Electronics & Instrumentation / Instrumentation & Control / Bio medical Instrumentation/ Electronics & Bio-	18

				Medical Engineering/ Electronics & Instrumentation/ Instrumentation Engineering/ Electronics Engineering/ Electronics & Communication Engineering	
College of Engineering, Thiruvananthapuram	Inter disciplinary (Mechanical/ Electrical/ Electronics & communication)	21	Robotics and Automation	B.Tech or BE in Electronics And Communication Engineering / Applied Electronics and Instrumentation/ Instrumentation and control/ Electrical and Electronics Engineering / Mechanical Engineering / Production Engineering / Automobile Engineering / Industrial Engineering/ Manufacturing Technology	18
	Computer Science & Engineering	22	Computer Science & Engineering	Degree in Computer Science & Engineering / Information Technology	18
		23	Information Security	Degree in Computer Science & Engineering / Information Technology	18
	Architecture	24	Planning (Housing)	Degree In Architecture. (In the absence of students with Architecture Degree, Degree in Civil Engineering will be considered)	18
		25	Urban Design	Degree In Architecture	18

	Mechanical Engineering	26	Industrial Engineering & Management	Degree in any Engineering Discipline	18
Rajiv Gandhi Institute of Technology, Kottayam	Electrical & Electronics Engineering	27	Industrial Drives & Control	Degree in Electrical & Electronics Engineering	18
	Civil Engineering	28	Transportation Engineering	Degree in Civil Engineering	18
	Electronics & Communication Engineering	29	Advanced Communication & Information System	Degree in Electronics & Communication Engineering / Information Technology	18
		30	Advanced Electronics & Communication Engineering	Degree in Electronics & Communication Engineering	18
	Computer Science & Engineering	31	Computer Science & Engineering	Degree in Computer Science & Engineering / Information Technology	18
Government Engineering College, Thrissur	Civil Engineering	32	Environmental Engineering	Degree in Civil / Chemical / Mechanical / Industrial / Automobile / Production / Mechanical stream Automobile / Mechanical stream Production Engineering / Mechatronics Engineering	18
		33	Water Resources & Hydro Informatics	Degree in Civil Engineering	18
	Mechanical Engineering	34	Production Engineering	Degree in Mechanical / Production / Industrial / Automobile / Mechanical stream Automobile / Mechanical stream Production Engineering / Mechatronics Engineering	18

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		35	Internal Combustion Engines & Turbo Machinery	Degree in Automobile / Mechanical / Mechanical stream Automobile Engineering/ Aeronautical Engineering/ Aerospace Egineering	18
	Electrical & Electronics Engineering	36	Power Systems	Degree in Electrical & Electronics Engineering	18
		37	Power Electronics	Degree in Electrical & Electronics Engineering	18
	Electronics & Communication Engineering	38	Communication Engineering & Signal Processing	Degree in Electronics & Communication Engineering/ Electronics Engineering	18
	Production Engineering	39	Manufacturing Systems Management	Degree in Production / Mechanical stream Production / Mechanical stream Automobile / Mechanical / Industrial / Automobile / Printing Technology/ Mechatronics Engineering	18
	Chemical Engineering	40	Process Control	Degree in Chemical Engineering/Bio-Technology & Bio-Chemical Engineering. (In the absence of above candidates, Degree in Instrumentation / Instrumentation & Control/ Applied Electronics & Instrumentation / Electronics & instrumentation/ Bio Medical / Electronics & Bio Medical /Bio Medical Instrumentation Engineering will be considered)	18

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Government Engineering College, Thrissur	Computer Science & Engineering	41	Computer Science & Engineering	Degree in Computer Science & Engineering / Information Technology	18
	Architecture	42	Town Planning	Degree In Architecture. (In the absence of students with Architecture Degree, Degree in Civil Engineering will be considered)	18
Government College of Engineering, Kannur	Mechanical Engineering	43	Advanced Manufacturing & Mechanical System	Degree in Mechanical / Production / Industrial / Automobile / Mechanical stream Production / Mechanical stream Automobile Engineering / Mechatronics Engineering	18
	Electrical & Electronics Engineering	44	Power Electronics & Drives	Degree in Electrical & Electronics Engineering	18
	Civil Engineering	45	Computer Aided Structural Engineering	Degree in Civil Engineering	18
	Electronics & Communication Engineering	46	Signal Processing & Embedded Systems	Degree in Applied Electronics & Instrumentation / Instrumentation/ Electronics & Communication / Electronics & Instrumentation / Electrical & Electronics / Electronics / Electronics & Bio Medical Engineering	18

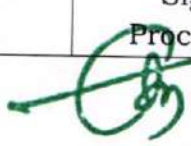|					
Government Engineering College, Barton Hill, Thiruvananthapuram	Information Technology	47	Network Engineering	Degree in Computer Science & Engineering / Information Technology	18
	Mechanical Engineering	48	Machine Design	Degree in Mechanical / Mechanical stream Automobile/ Mechanical stream Production / Industrial Engineering / Mechatronics Engineering	18
	Electronics & Communication Engineering	49	Signal Processing	Degree in Applied Electronics & Instrumentation / Electronics & Communication / Electronics & Instrumentation / Electrical & Electronics / Electronics / Electronics & Bio Medical Engineering / Instrumentation	18
	Electrical & Electronics Engineering	50	Power System & Control	Degree in Electrical & Electronics Engineering	18
Government Engineering College, Kozhikode	Chemical Engineering	51	Computer Aided Process Design	Degree in Chemical Engineering, Bio Chemical Engineering, Bio Technology, Bio Technology & Bio Chemical Engineering, Polymer and Rubber Technology, Polymer Engineering, Fire and Safety Engineering, Petroleum Engineering.	18

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	Applied Electronics & Instrumentation	52	Signal Processing	Degree in Applied Electronics & Instrumentation / Instrumentation/ Electronics & Communication / Electronics & Instrumentation / Electrical & Electronics / Electronics / Electronics & Bio Medical Engineering	18
	Mechanical Engineering	53	Energy Systems – Analysis & Design	Degree in Mechanical Engineering	18
Government Engineering College, Idukki	Electrical & Electronics Engineering	54	Power Electronics & Control	Degree in Electrical & Electronics Engineering	18
	Computer Science & Engineering	55	Computer Science & System Engineering	Degree in Computer Science & Engineering / Information Technology	18
	Information Technology	56	Network Engineering	Degree in Computer Science & Engineering / Information Technology	18
	Electronics & Communication Engineering	57	VLSI & Embedded Systems	Degree in Electronics & Communication / Applied Electronics / Applied Electronics & Instrumentation / Electronics & Instrumentation / Electronics & Bio Medical / Electronics Engineering / Instrumentation	18
Government Engineering College, Sreekrishnapuram, Palakkad	Computer Science & Engineering	58	Computational Linguistics	Degree in Computer Science & Engineering / Information Technology	18
Government Engineering College, Wayanad	Electronics & Communication Engineering	59	Communication Engineering & Signal Processing	Degree in Electronics & Communication Engineering	18

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	Department	No.	Specialization	Qualification	Seats
	Computer Science & Engineering	60	Network & Security	Degree in Computer Science & Engineering / Information Technology	18
TKM College of Engineering, Kollam	Mechanical Engineering	61	Industrial Refrigeration & Cryogenic Engineering	Degree in Mechanical / Mechanical stream Automobile / Mechanical stream Production /Industrial Engineering / Aerospace Engineering / Mechatronics Engineering /Aeronautical Engineering /	15
	Civil Engineering	62	Structural Engineering & Construction Management	Degree in Civil Engineering	15
	Electronics & Communication Engineering	63	Communication System	Degree in Electronics & Communication Engineering	15
	Computer Science & Engineering	64	Computer Science & Engineering	Degree in Computer Science & Engineering / Information Technology	15
	Architecture	65	Urban Planning	Degree in Architecture/Civil Engineering	15
MA College of Engineering, Kothamangalam	Electrical & Electronics Engineering	66	Power Electronics	Degree in Electrical & Electronics Engineering	15
	Electronics & Communication Engineering	67	VLSI & Embedded System	Degree in Electronics & Communication / Applied Electronics / Applied Electronics & Instrumentation / Electronics & Instrumentation / Instrumentation/ Electronics & Bio Medical / Electronics Engineering	20
	Civil Engineering	68	Structural Engineering & Construction Management	Degree in Civil Engineering	20

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	Mechanical Engineering	69	Thermal Power Engineering	Degree in Mechanical / Automobile / Production / Mechanical stream Automobile / Mechanical stream Production / Industrial Engineering / Aeronautical Engineering / Aerospace Engineering/ Mechatronics Engineering	20
	Computer Science & Engineering	70	Computer Science & Engineering	Degree in Computer Science & Engineering / Information Technology	20
NSS College of Engineering, Palakkad.	Electronics & Communication Engineering	71	Communication Engineering	Degree in Electronics & Communication Engineering/ Electronics Engineering	15
	Electrical & Electronics Engineering	72	Power Electronics	Degree in Electrical & Electronics Engineering	15
	Computer Science & Engineering	73	Computer Science & Engineering	Degree in Computer Science & Engineering / Information Technology	15
	Civil Engineering	74	Structural Engineering	Degree in Civil Engineering	15
	Mechanical Engineering	75	Computer Integrated Manufacturing	Degree in Mechanical / Industrial/ Production/ Automobile / Mechanical stream Automobile / Mechanical Stream Production Engineering / Mechatronics Engineering	15

Annexure B

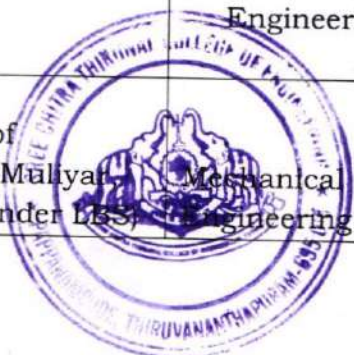### LIST OF GOVERNMENT CONTROLLED SELF FINANCING INSTITUTIONS WITH M.TECH PROGRAMMES
(Details of seats filled by DTE through online allotment)

Name of College	Branch	Sl. No.	Specialization	Eligibility	No. of seats
College of Engineering, Kidangoor, Kottayam (under CAPE)	Electronics & Communication Engineering	1	Wireless Technology	Degree in Applied Electronics & Instrumentation / Electronics & Communication Engineering	14
	Computer Science & Engineering	2	Computer & Information Science	Degree in Computer Science & Engineering / Information Technology	14
College of Engineering, Perumon, Kollam (under CAPE)	Computer Science & Engineering	3	Computer & Information Science	Degree in Computer Science & Engineering / Information Technology	14
College of Engineering & Management, Punnapra, Alappuzha (under CAPE)	Mechanical Engineering	4	Computer Integrated Manufacturing	Degree in Mechanical / Industrial/ Production/ Automobile / Mechanicalstream Automobile / MechanicalStream Production/ Mechatronics Engineering	14
	Computer Science & Engineering	5	Computer Science & Engineering	Degree in Computer Science & Engineering / Information Technology	14
College of Engineering, Thalassery, Kannur (under CAPE)	Mechanical Engineering	6	Manufacturing System & Management	Degree in Production / Mechanical stream Production / Mechanical stream Automobile / Mechatronics Engineering /	14

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				Mechanical / Industrial / Automobile / Printing Technology	
	Electronics & Communication Engineering	7	Signal Processing	Degree in Applied Electronics & Instrumentation / Electronics & Communication / Electronics & Instrumentation / Instrumentation/ Electrical & Electronics / Electronics / Electronics & Bio Medical Engineering	14
Sree Chitra Tirunal College of Engineering, Pappanamcode, Thiruvananthapuram (under KSRTC)	Mechanical Engineering	8	Machine Design	Degree in Mechanical / Mechanical stream Automobile/ Mechanical stream Production / Industrial/ Mechatronics Engineering	9
	Electronics & Communication Engineering	9	Signal Processing	Degree in Applied Electronics & Instrumentation / Electronics & Communication / Electronics & Instrumentation / Instrumentation/ Electrical & Electronics / Electronics / Electronics & Bio Medical Engineering	9
	Computer Science & Engineering	10	Computer Science & Engineering	Degree in Computer Science & Engineering / Information Technology	9
LBS College of Engineering, Muliyar, Kasaragod (under LBS)	Mechanical Engineering	11	Thermal & Fluid Engineering	Degree in Mechanical / Automobile / Production	14

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				Mechanical stream Automobile / Mechanical stream Production/ Mechatronics Engineering / Aeronautical Engineering / Aerospace Engineering / Industrial Engineering	
LBS College of Engineering, Muliyar, Kasaragod (under LBS)		12	Power Systems and Power Electronics	Degree in Electrical & Electronics Engineering	14
	Electronics & Communication Engineering	13	VLSI Design & Signal Processing	Degree in Electronics & Communication / Applied Electronics / Applied Electronics & Instrumentation / Instrumentation/ Electronics & Instrumentation / Electronics & Bio Medical / Electrical & Electronics / Electronics Engineering	14
	Computer Science & Engineering	14	Computer Science & Information Security	Degree in Computer Science & Engineering / Information Technology	14
LBS Institute of Technology for Women, Poojappura, Thiruvananthapuram (under LBS)	Computer Science & Engineering	15	Computer Science & Engineering	Degree in Computer Science & Engineering / Information Technology	18

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	Electronics & Communication Engineering	16	Signal Processing	Degree in Applied Electronics & Instrumentation / Electronics & Communication / Electronics & Instrumentation / Instrumentation/ Electrical & Electronics / Electronics / Electronics & Bio Medical Engineering	18
College of Engineering, Munnar, Idukki (under CCE)	Electronics & Communication Engineering	17	VLSI & Embedded Systems	Degree in Electronics & Communication / Applied Electronics / Applied Electronics & Instrumentation / Electronics & Instrumentation / Instrumentation/ Electronics & Bio Medical / Electronics Engineering	12
	Computer Science & Engineering	18	Computer & Information Science	Degree in Computer Science & Engineering / Information Technology	12
	Electrical & Electronics Engineering	19	Power Electronics	Degree in Electrical & Electronics Engineering	12
College of Engineering, Adoor, Pathanamthitta (under IHRD)	Mechanical Engineering	20	Thermal Engineering	Degree in Mechanical / Automobile / Production / Mechanical stream Automobile / Mechanical stream Production / Industrial/ Aeronautical Engineering / Aerospace/ Engineering/ Mechatronics Engineering /	14

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College of Engineering, Cherthala, Alappuzha (under IHRD)	Electronics & Communication Engineering	21	Signal Processing	Degree in Applied Electronics & Instrumentation / Electronics & Communication / Electronics & Instrumentation / Instrumentation/ Electrical & Electronics / Electronics / Electronics & Bio Medical Engineering	18
	Computer Science & Engineering	22	Computer & Information Science	Degree in Computer Science & Engineering / Information Technology	18
College of Engineering, Chengannur, Alappuzha (under IHRD)	Electronics & Communication Engineering	23	VLSI & Embedded Systems	Degree in Electronics & Communication / Applied Electronics / Applied Electronics & Instrumentation / Electronics & Instrumentation / Instrumentation/ Electronics & Bio Medical / Electronics Engineering	18
	Computer Science & Engineering	24	Image Processing	Degree in Computer Science & Engineering / Information Technology	18
College of Engineering, Karunagappally, Kollam (under IHRD)	Electronics & Communication Engineering	25	Signal Processing	Degree in Applied Electronics & Instrumentation / Electronics & Communication / Electronics & Instrumentation / Instrumentation/ Electrical & Electronics / Electronics / Electronics & Bio	18

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				Medical Engineering	
	Computer Science & Engineering	26	Image Processing	Degree in Computer Science & Engineering / Information Technology	18
Model Engineering College, Thrikkakara, Ernakulam (under IHRD)	Electronics & Communication Engineering	27	VLSI & Embedded Systems	Degree in Electronics & Communication / Applied Electronics / Applied Electronics & Instrumentation / Electronics & Instrumentation / Instrumentation/ Electronics & Bio Medical / Electronics Engineering	18
		28	Signal Processing	Degree in Applied Electronics & Instrumentation / Electronics & Communication / Electronics & Instrumentation / Electrical & Electronics / Electronics / Instrumentation/ Electronics & Bio Medical Engineering	14
		29	Opto Electronics & Communication Systems	Degree in Electronics & Communication / Electronics & Instrumentation / Instrumentation/ Electronics & Bio Medical / Electrical & Electronics / Applied Electronics & Instrumentation / Electronics Engineering	14
	Computer Science & Engineering	30	Image Processing	Degree in Computer Science & Engineering / Information Technology	14

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	Mechanical Engineering	31	Energy Management	Degree in Mechanical / Automobile / Production / Industrial / Mechanical steam Automobile / Mechanical steam Production / Electrical & Electronics / Mechatronics Engineering	18
College of Engineering, Poonjar, Kottayam (under IHRD)	Electronics & Communication Engineering	32	Signal Processing	Degree in Applied Electronics & Instrumentation / Electronics & Communication / Electronics & Instrumentation / Instrumentation/ Electrical & Electronics / Electronics / Electronics & Bio Medical Engineering	18
	Computer Science & Engineering	33	Computer & Information Science	Degree in Computer Science & Engineering / Information Technology	18
College of Engineering, Kallooppara, Pathanamthitta (under IHRD)	Electronics & Communication Engineering	34	Signal Processing	Degree in Applied Electronics & Instrumentation / Electronics & Communication / Electronics & Instrumentation / Instrumentation/ Electrical & Electronics / Electronics / Electronics & Bio Medical Engineering	18
	Computer Science & Engineering	35	Cyber Forensic & Information Security	Degree in Computer Science & Engineering / Information Technology / Electronics & Communication / Electronics & Instrumentation Engineering / Instrumentation	18

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ER & DCI Institute of Technology, Thiruvananthapuram (academic wing of C-DAC under Ministry of Communications & Information Technology, Government of India)	Electronics & Communication Engineering	36	VLSI & Embedded Systems	Degree in Electronics & Communication / Applied Electronics / Applied Electronics & Instrumentation / Instrumentation/ Electronics & Instrumentation / Electronics & Bio Medical / Electronics Engineering	18
	Computer Science & Engineering	37	Cyber Forensic & Information Security	Degree in Computer Science & Engineering / Information Technology / Electronics & Communication / Electronics & Instrumentation Engineering / Instrumentation	18

Annexure-C

I. Nativity Certificate issued by the Village Officer/ Tahsildar

OR

II. The true copy of relevant page of Secondary school Leaving Certificate of the Candidate showing the place of birth in Kerala.

OR

III. A Certificate of birth from the authority competent to register birth (Panchayat/Muncipality/Corporation) showing the candidate place of birth in Kerala.

OR

IV. The true copy of relevant page of the passport of the candidate issued by Government of India, showing place of birth in Kerala.

Annexure D	
IMPORTANT DATES	
Filling up of Online application form	From 01/06/2018 to 12/06/2018
Last date to receive the printed application form in CET	16/06/2018, 5 pm
Date of publishing Draft Rank List	30/06/2018
Date of publishing final Rank List	04/07/2018
First Allotment	07/07/2018
Date of remittance of fee	Up to11/07/2018
Option Rearrangement	14/07/2018 to 16/07/2018
Second allotment	19/07/2018
Date of remittance of fee	Up to 23/07/2018
Date of Joining	26/07/2018 & 27/07/2018
Date of receipt of non-join report in CET	28/07/2018, 11 am
Commencement of Classes	01/08/2018

PRINCIPAL
Sree Chitra Thiruof
College of Engineering

Sree Chitra Thirunal
College of Engineering
Pappanamcode, Thiruvananthapuram 695018, Kerala
(Established in 1995 under the Govt. of Kerala)
(www.sctce.ac.in)
Affiliated to the University of Kerala

PROSPECTUS FOR ADMISSION TO M. TECH DEGREE COURSE FOR THE YEAR 2018 - 19

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. GO (ms.) No.115/2018/H.Edn dated 31.05.2018

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, 50% is reserved for Govt. quota and the remaining is management quota (*Management/sponsored – 4 seats, KSRTC (reserved for the wards of KSRTC employees on regular basis) – 2 seats and NRI - 3 seats).* Admission to all the 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

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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 a 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. 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 54% of aggregate marks is mandatory.

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1. For **Machine Design**: Degree in Mechanical /Mechanical stream Automobile/ Mechanical stream Production / Industrial/ Mechatronics Engineering.

2. For **Signal Processing**: Degree in Applied Electronics & Instrumentation / Electronics & Communication / Electronics & Instrumentation / Instrumentation/ Electrical & Electronics / Electronics / Electronics & Bio Medical Engineering

3. For **Computer Science and Engineering**: Degree in Computer Science & Engineering / Information Technology.

OR

Candidates who have passed AMIE/AMIETE examination in the relevant discipline as above and satisfying the following conditions are eligible for admission.

1. They must have valid GATE score.

2. A Minimum marks of 55% for the section B in AMIE / AMIETE examination.

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 3.(a) & (b) as applicable on or before the date stipulated by the University/College.

d. Admission shall normally be restricted to those with **valid GATE score**. However, this stipulation is relaxed in the case of sponsored candidates.

e. 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.

4. Fee Structure

Admission fees	-	Rs.225/-
Special fees	-	Rs.3,500/-
Tuition fees/sem	-	Rs.6,000/- (Merit Quota)
		Rs.45,000/- (Management/sponsored & KSRTC quota)
		Rs.60,000/- (NRI quota)
Caution deposit	-	Rs.5,000/-
PTA		Rs.4,500/-
KTU		Rs.4,200/-*
Sports Fees		Rs.750/-
Arts Fees	-	Rs.750/-

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Student Amenities Fees	-	Rs.500/-
Sectional Association Fees	-	Rs.500/-
College Magazine Fees	-	Rs.350/-
Cult A Way	-	Rs.500/-
Group Insurance Fee	-	Rs.88/-
Co-operative Society Fee	-	Rs.50/-

(* - subject to the finalization by the University)

Payment may be made by cash/DD in favour of Principal, SCT payable at SBI, Trivandrum

5. 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 (www.sctce.ac.in) on or before *10.07.2018*.

6. Submission of Hard copy of Application form

The printed copy of the application submitted on-line together with a demand draft for Rs.500/- (Rs.100/- incase of SC/ST candidates) *and Rs.1000/- in case of NRI candidates* drawn in favour of the Principal, SCT College of Engineering, Pappanamcode, Thiruvananthapuram and with copies of the following documents should be submitted to the **Principal, SCT College of Engineering, Pappanamcode P.O, Thiruvananthapuram. No corrections can be made after clicking the PRINT Button.**

The last date of receipt of application in the college is *12.07.2018* 3.00 P.M.

Documents to be submitted by all candidates

(a) Engineering Degree Certificate and Mark lists / mark list upto 6th semester.
(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) A sponsorship certificate from the employer for sponsored seat.
(g) Sponsorship will be as in Government Colleges under KTU.
(h) Candidates from Universities outside the State should produce eligibility certificate from among the Universities in Kerala with the application.

NRI QUOTA

In addition to the above, the candidates seeking admission under NRI quota has to submit the following documents also.

1. Copy of the Passport of the Sponsor concerned
2. Copy of any one of the following documents to prove NRI status.

   a. Employment Certificate (should be attested by the Embassy)

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b. Relevant pages of the passport containing visa details.

c. Certificate issued by a Scheduled Bank stating that he/she is a Non – Resident Indian holding an NRE account other than a Zero balance account. (Should be attested by the Embassy)

3. A Declaration from the NRI in the form given in this document.
   (All the copies should be attested by a Gazetted officer of State/Central Government.)

KSRTC Quota

The students seeking admission under KSRTC quota has to submit the print-out of the application along with required /supporting documents (attested by a Gazetted officer of State/Central Government) through Chairman& Managing Director, KSRTC.

If sending by post, candidates are advised to send the applications by Registered post. College cannot be held responsible for non- receipt or late receipt of application, under any circumstances.

> **Important Note: Applicants must enter DTE's Application Number and Rank in the on- line application (mandatory)**

7. Selection of candidates

Out of the total 18 seats, available in each discipline, 50% Govt. quota seats (9 Nos.) will be filled up by Director of Technical Education (DTE) and the remaining 50% seats (9 Nos.) will be filled up by the Selection Committee in the college.

Seats will be filled up from the rank list published by the **DTE**. Selection for admission will be based on the candidate's percentile score in GATE. In the absence of candidates with GATE score, selection will be based on the aggregate marks upto 6th semester examination of B.Tech course.

The selection of candidates will be done by a Selection Committee headed by the Principal, Head of the Department, PG Professor and Coordinator of M.Tech course of this Institution. The rank list will be published on the College notice board and College website.

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.

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No. of seats in each branch

Total No. of seats   : 18

a. General seats   : 9 (open merit quota-5, SEBC–1, SC/ST – 3) Admission by DTE

b. Management seats   : 9 (open merit-management/sponsored - 4, KSRTC – 2, NRI 3) Admission by the Selection Committee of the college. In the absence of sponsored/KSRTC/NRI candidates, seats will be converted to management quota seats.

General seats will be filled up by observing the reservation policies of the State Government i.e., 15% seats are reserved for SC/ST and 5% seats for SEBC quota.
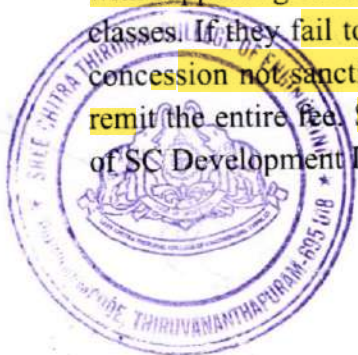
Other matters

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 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. Sponsored candidates, if any, will be admitted as per relevant government / DTE orders
5. In the absence of sponsored candidates, the seats reserved for them will be filled up by admitting management category candidates .
6. Transfer Certificate issued from the Institutions last attended must be produced at the time of counseling.
7. The selection of candidates will be provisional and subject to verification of original documents at the time of admission.
8. **All information including the memos of interviews will be available at the college website only and no individual communication will be made.**

All payments are to be made by cash or DD in favour of the Principal, SCT College of Engineering, Pappanamcode, Thiruvananthapuram.

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.

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9. Liquidated Damages

As per Govt. Prospectus referred on (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.

Place: Thiruvananthapuram   **PRINCIPAL**
Date : 05.05.2018

SCHEDULE OF IMPORTANT DATES *

1.	College website will be activated	From 22.06.2018
2	Last date of on-line submission	10.07.2018
3	Last date of hard copy submission to MD, KSRTC for KSRTC quota	12.07.2018
4	Last date of hard copy submission to Institution	12.07.2018 3.00 PM
5	Publishing of rank list	17.07.2018
6	Interview /Admission Date	20.07.2018
7	Commencement of classes	01.08.2018
8	Admission process to be completed on	11.08.2018

* 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

Note: Subject to the final approval of the Admission Supervisory Committee

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Declaration from the NRI to be enclosed with the duly filled up application form

I hereby declare that I am employed/residing at

....

.... (Here enter the details of foreign employment or residence.) My

passport No. is .... I further declare that Shri/Smt/Kumari

.... (Name of Applicant) who is seeking

admission to M.Tech. degree course in the SCT College of Engineering

against NRI quota is my own child/ward/dependent coming under the

definition of NRI candidates as per section 2(o) of Act XIX of 2006 and

that I shall pay all the prescribed fees for the course of study in the college.

In case of dependents the following declaration is also required.

I hereby declare that the above student is related to me as
.... (specify the relation)

Station: Signature of NRI

Date: Name

                                                            Address:

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