

**PROSPECTUS FOR ADMISSION TO M.Tech. PROGRAMMES
IN UNIVERSITY TEACHING DEPARTMENTS
2022-23**



**OFFICE OF THE CREDIT & SEMESTER SYSTEM
UNIVERSITY OF KERALA**

Karyavattom, Thiruvananthapuram-695581*

(Re-accredited by NAAC with 'A' Grade)

*** (Ranked 27th in NIRF ranking, 2021)**

**Prospectus for Admission to AICTE approved M.Tech. Degree Programmes
in the Departments of the University of Kerala
for the Academic year 2022-23**

IMPORTANT DATES		
Notification of Admissions	:	12.04.2022
Last Date for Online application	:	11.05.2022
Dates of Entrance Examination	:	30-05-2022 to 05-06-2022
Publication of Rank List	:	15.07.2022
Admission Starts	:	10.08.2022
Classes Starts	:	12.09.2022
Admission Closes	:	30.09.2022

1. INTRODUCTION

1.1 Prospectus: Prospectus for admission to the AICTE approved M.Tech. Degree Programmes in the Departments of the University of Kerala, for the academic year **2022-23**, as approved by the University of Kerala, is published herewith. It contains general information and rules relating to the admission to M.Tech *Programmes* in the Departments of the University of Kerala. **The Prospectus issued by the University during the previous years for M.Tech admissions in the Departments is not valid for the year 2022-23.**

1.2 About the University: One of the first 16 Universities in India, the University of Kerala was founded as the University of Travancore in the erstwhile princely state of Travancore (now southern part of Kerala) in 1937. In 1956, the unified state of Kerala came into being. The Kerala University Act was brought into force in 1957 and the University of Travancore was renamed University of Kerala (a name which was considered even in 1937) with jurisdiction all over the state of Kerala. The Vice-Chancellor, appointed by the Governor of Kerala, is the Chief Executive Officer of the University. The Pro-Vice-Chancellor assists the Vice-Chancellor. The University has three important bodies which make policy decisions and execute it.

The Senate and the Academic Council, two large bodies with wide-based representation, are the supreme bodies on general policy matters and academic matters respectively. The Senate, “the Supreme Authority of the University”, which is reconstituted every four years, has 117 members (24 ex-officio, 78 elected and 15 nominated). It represents a cross section of the society, with its members drawn from different walks of social life. The Academic Council is the supreme academic body of the University. It is also a large body like the Senate, with its members drawn from different spheres of academic spectrum. The Academic Council has the power to make regulations and to advise the Senate and the Syndicate on all academic matters, to prescribe the programmes of studies in the University, to prescribe the qualifications of teachers, to make provision for the admission of students to the various programmes etc. The Syndicate, the chief executive body of the University, has a strength of 25. The Syndicate, which meets ordinarily once in a month, has executive powers including the general superintendence and control over the institutions of the University. Teaching and Research in the University of Kerala has its own departments of teaching and research (housed in University campuses) and also maintains a number of affiliated colleges, spread over four southern districts (Thiruvananthapuram, Kollam, Pathanamthitta and Alappuzha) of the state. The forty three departments of teaching and research are organized as eleven schools, and most of them are housed in the Karyavattom campus. Teaching, research and knowledge extension are the mandates of the departments. They primarily focus on post-graduate (masters) programmes, MPhil programmes (1-year research degree started in 1973) and doctoral (PhD) programmes and post-doctoral programmes. Affiliated colleges run large number of bachelor’s programmes and lesser number of masters and doctoral programmes. University’s research activities are also going on in select affiliated colleges and other recognized research centres. The total number of full-time students in the University departments is above 2000, including research students. The University has also established 10 University Colleges of Teacher Education (UTEC) and 34 University Institute of Technology (UIT), both of which offer under-graduate programmes (B.Ed. in UTECs and BSc (Computer Science/IT/Electronics) and BBA in UITs), although masters programmes are available in select UITs. The University College of Engineering at Karyavattom offers Engineering education at Undergraduate level. These institutions together have student strength of more than 6000. The Institute of Distance Education has student strength of approximately 30,000, which is spread across the country. The University has over 150 affiliated colleges with an enrollment of over 1,30,000. Thirty six departments are situated in the Karyavattom Campus. This sprawling green campus (359 acres) is close to Kazhakuttom, on the National Highway 47, towards north. The famous Trivandrum Technopark is adjacent to the University Campus and Greenfield Stadium is part of the University.

The University has a 3-tier academic system. Each subject of study has a Board of Studies to design syllabus and propose action on all academic matters. Group of related subjects are grouped together and defined as a faculty. The University has 16 faculties. Finally Academic Council is the supreme academic body. The University follows the Choice based Credit and Semester System for all post-graduate (masters) programmes and under-graduate (bachelors) level. Semesters typically fall during the months of August-January and February-July. Masters programmes are typically of two year duration and have four semesters with 5 to 6 courses offered each semester. The final semester has a project and thesis requirement. MPhil programmes are post-masters research degree, offered under credit and semester system since 2016.

The University bagged the Indira Gandhi National Award for the best NSS activities in 2005, and the UNESCO-NLM award for literacy in 2005, State Govt’s award for eGovernance in 2010 and the first Chancellor’s Award for the best University in the State of Kerala, in 2015. The University is re-

accredited by NAAC with 'A' grade since 2015 and is ranked 27th among Indian Universities by the National Institutional Ranking Framework (NIRF) of MHRD, Govt. of India, 2021. The University of Kerala was included in the "Top 25 Universities in India Survey 2019" conducted by the Higher Education Review Magazine.

The following 3 departments of the University offer M.Tech (Master of Technology) programmes. All the three M.Tech programmes are **approved by the All India Council for Technical Education (AICTE)** and these programmes come under **the Faculty of Engineering & Technology**. Students with valid GATE score may be provided with scholarship by AICTE.

- **M. Tech Computer Science with specialization in Digital Image Computing by Department of Computer Science.**
- **M.Tech Technology Management by Department of Future Studies.**
- **M.Tech Electronics & Communication (Optoelectronics & Optical Communications) by Department of Opto Electronics.**

1.3 Admissions to the seats to be filled for the M.Tech programmes are regulated on the basis of the GATE score or the marks obtained in the Entrance Examination for Non-GATE candidates. There will be no revaluation of answer sheets of entrance examination.

IMPORTANT INFORMATION

- **All candidates who wish to apply for M.Tech. Degree Programmes (irrespective of Category) should strictly register online.**
- **After completion of the online registration, the candidate should take printout of the same and keep it with himself/herself. DO NOT SEND HARD COPIES OF THE PRINT OUT OF ONLINE APPLICATION TO THE UNIVERSITY. The hard copy of the online application with supporting documents should be kept by the candidate and it has to be submitted at the time of admission to respective departments.**
- **The candidates who come under the PWD (Persons with Disability) category should specifically mention the same at the time of online registration.**
- **Candidates coming under SC/ST/OEC/SEBC are not eligible for BPL reservation. Only the general category candidates belonging to the Forward communities, who are economically backward, are eligible for BPL reservation. A certificate from the revenue authorities to that effect has to be produced at the time of admission.**
- **No memo will be sent by post in the case of defective applications. But edit option will be provided for a stipulated period and no corrections or changes will be allowed after the stipulated period.**
- **Appearance of a candidate in the Entrance Examination, or inclusion of a candidate in the rank lists or allotment does not entitle him/her for admission to a Programme, unless the rules regarding eligibility for admission, as laid down in the Prospectus under various Clauses, are satisfied.**
- **Trivandrum, Ernakulam and Kozhikode in Kerala are the centres of the Entrance Examination. The Vice-Chairman ,CSS, is authorized to cancel any centre, if the number of applicants opting the centre is less than 1000.**

2. DEPARTMENTS, PROGRAMMES AND SEATS

2.1 Details of Programmes and Duration: The programme leads to M.Tech. Degree in the relevant subject under the Faculty of Engineering & Technology. These programmes are approved by All India Council for Technical Education (AICTE). The programme extends for a period of four semesters. The programme of study shall be by regular attendance for the requisite number of lectures, practical training and other means.

2.2 Institutions and Subjects for the M.Tech. Degree Programmes: The list of University Departments and the programmes to which admissions are to be made, and the total *approved number of seats in each Department* are given as **Annexure – I**, of the Prospectus

2.3 Categorization of Seats: Seats available in University Departments are mainly classified as Merit Seats and Reservation seats.

a. Merit Seats: The seats that are to be filled by the University for the Departments are classified as “Merit Seats”.

b. Reservation Seats: The seats in the Departments of the University that are earmarked for SC/ST/SEBC/BPL/PWD are classified as “Reservation Seats.”

3. RESERVATION OF SEATS

The reservation of seats for M.Tech programmes of the 3 departments is as follows:

- **Department of Computer Science**

Total number of seats approved by AICTE -18.

Out of which, Sponsored - 5

SC/ST - 3

General - 10 (out of which mandatory reservation will be given to SEBC/BPL/Physically Handicapped)

- **Department of Future Studies**

Total number of seats approved by AICTE -15.

Out of which, Sponsored - 2

SC/ST - 3

General - 10 (out of which mandatory reservation will be given to SEBC/BPL/Physically Handicapped)

- **Department of Optoelectronics**

Total number of seats approved by AICTE -18.

Out of which, Sponsored - 5

SC/ST - 3

General - 10 (out of which mandatory reservation will be given to SEBC/BPL/Physically Handicapped)

**Mandatory Reservation for each programme will be distributed as per the U.O (MS)
No.107/08/H.Edn. dated 30.8.08 and corresponding U.O AcB/I/Admns BC/2008 dated 20.9.2008.**

Sl. No.	Seat Reservation	% of Reservation
I	Merit (On the basis of merit)	50
II	Socially and Educationally Backward Classes (SEBC)	20
	(a) Ezhava (EZ) 8%	
	(b) Muslim (MU) 7%	
	(c) Latin Catholic /SIUC (LC) 1%	
	(d) Other Backward Christian (BX) 1%	
	(e) Other Backward Hindu (BH) 3%	
III	*Economically backward among forward communities (BPL)	10
IV	Scheduled Castes/ Scheduled Tribes	20
	Scheduled Castes 15%	
	Scheduled Tribes 05%	

Persons with Disabilities (PWD) – 3%

Lists of eligible communities for reservation are given in Annexures II, III, IV and V

- Candidates who enjoy communal reservation such as SEBC, SC/ST who have **BPL endorsement in the Ration Card are not eligible for BPL reservations**. Only candidates belonging to Forward Communities, who are Economically Backward, are eligible for BPL reservations. Such candidates must produce BPL certificate from the Village Officer/Revenue Authority concerned.

Note: (a) Thiyya and Billava will be considered as Ezhava Community for reservation.

- **Persons with Disabilities (PWD):** As per Clause 2 (t), Chapter I of the Persons with Disabilities Act 1995, “Person with disability” means a person suffering from not less than 40% of any disability as certified by a Medical Board constituted for this purpose. Candidates who have a minimum of 40% disability alone will be eligible to apply for this quota.

Candidates seeking admission under PWD category should attach “Certificate of disability, issued not earlier than 12 months prior to the admission, by the District Medical Board or bodies of higher status, certifying the degree of percentage of disability.

4. CLAIMS FOR MANDATORY RESERVATION AND CERTIFICATES TO BE PRODUCED

Claims for Mandatory Reservations must be made by a candidate at the time of submission of online application. Candidates should also mention the item of reservation claimed in the relevant columns in the online application. Candidates should also satisfy the eligibility conditions as per Clause 5 of the Prospectus. **The claims for mandatory reservation once made in the application cannot be altered by the candidate under any circumstances.**

4.1. Merit Seats: The seats under the Merit category will be filled purely on merit basis irrespective of the Category/Community to which the candidates belong.

4.2 Community Reservation:

4.2.1. Claim for Communal reservation under ‘Socially and Educationally Backward Classes’ (SEBC): Reservation of seats to the Socially and Educationally Backward Classes will be in accordance with the provisions contained in G.O. (P) 208/66/Edn. Dated 2.5.1966, as amended from time to time.

Candidates belonging to Ezhava, Muslim, Other Backward Hindus, Latin Catholic/SIUC and Other Backward Christian communities, claiming reservation under SEBC Quota should invariably obtain Non Creamy Layer certificate from the Village Officer/Thahsildar and should submit it at the time of admission. U.O.No.Ad.A.5.3.57643(a)/2017 dated 06.10.2017. Only the claims of the candidates of those communities that are included in the list of communities will be considered.

(U.O.No.Ac.BI/UG Admns. BC/2011, dated 11.01.2012).

4.2.2 Claim for Reservation under Scheduled Castes/Scheduled Tribes Quota

- a. Candidates claiming reservation under Scheduled Castes/ Scheduled Tribes quota should obtain the Caste/Community Certificate from the Tahsildar. ***Those who produce false SC/ST Certificate for claiming reservation under SC/ST quota shall be liable for penalties as per rules.***
- b. **Claim of OEC candidates against the un-availed seats of SC/ST candidates :** Other Eligible Community (OEC) candidates who claim allotment to the un-availed seats, if any, under SC/ST quota should furnish Community and Income certificates obtained from the Village Officer concerned. Those OEC candidates whose annual family income is up to Rs. 6 lakhs (Rupees six lakhs only) alone are eligible for such seats. OEC seats will be filled as per rules laid by the Govt.
- c. **Scheduled caste converts do not come under the SC/ST category. They will be only considered under OEC category.**

4.3 Other General Rules for Mandatory Reservation

4.3.1 Claim for fee concession to OEC candidates: Candidates belonging to Other Eligible Communities are exempted from payment of fee at the time of admission to *PG Degree programmes* irrespective of annual family income as per G.O (MS) No. 36/07/SCSTDD, dated: 03.07.2007.

They should provide the Community Certificate from the Village Officer/ Tahsildar at the time of admission.

5. ELIGIBILITY FOR ADMISSION

5.1 Nativity: Candidate should be an Indian citizen. For foreign candidates, relevant regulations apply.

5.2 Indulgence in Ragging as disqualification: If an applicant for admission is found to have indulged in ragging in the past or if it is noticed later that he/she had indulged in ragging, admissions shall be denied or he/she shall be expelled from the institution. The student at the time of admission should give an undertaking as per the provisions of anti-ragging verdict by the Hon'ble Supreme Court of India (Annexure VI).

5.3 Academic Eligibility

(i). For M.Tech Programmes

Students who have pursued bachelors Degree under 10+2+4 scheme or Masters Degree under 10+2+3+2/10+2+3+3 schemes from the University of Kerala or a degree recognized as equivalent thereto, and who have secured the following, shall be eligible for admission to M.Tech programmes:

- (a) CGPA of 2.2 or above in a 4 - point scale or
- (b) 3.8 or above in a 7 -point scale or
- (c) 5.5 or above in a 10-point scale or
- (d) 55% or above in case of Bachelor Degrees which award marks

Relaxation for candidates from SC/ST category shall be as follows:

- (a) CGPA of 2.0 or above in a 4-point scale
- (b) 3.5 or above in a 7-point scale
- (c) 5.0 or above in a 10-point scale
- (d) 50% or above in case of Bachelor Degrees which award marks.

- (ii) Candidate shall hold Bachelor degree in subjects specified in Section 6, for admission to corresponding M.Tech. Programmes. The CSSAC shall be competent to recommend revisions to Annexure I from time to time, on recommendations of the Department Councils.
- (iii) Candidate who have written the Bachelors degree Examination and awaiting results can also apply.
- (iv) Any candidate admitted to a PG Programme of this University in any subject in earlier years shall be eligible to apply for admission to any M.Tech. Programme.
- (v) Multiple Applications: A candidate may apply for a maximum of **three** M.Tech. Programmes at a time.

5.4 Candidate who have passed P.G. /Degree Programme outside University of Kerala have to submit a copy of the Equivalency and Eligibility certificate from the University of Kerala, stating that, their qualifying examination is recognized for seeking admission to the relevant M.Tech. Degree programme as applicable, at the time of admission.

5.5 Choice of optional subjects: The optional subject for the M.Tech. programme should be the same as the one, which the student has selected as Core Course for Graduation, or the main subject for Graduation, conventionally recognized to be coming under the optional chosen. In

case, the Core Course is different from the programme opted for admission, the eligibility will be decided as per the existing rules of the University.

6. Eligible specializations

6.1. M.Tech Computer Science (with Specialization in Digital Image Computing):

A Bachelor's degree in Engineering / Technology with at least 55% marks in one of the following branches: Computer Science and Engineering / Information Technology / Electronics Engineering / Electrical Engineering from the University of Kerala or equivalent recognized degree of a recognized University or First Class Master's degree in Computer Science / Computer Application from the University of Kerala or equivalent recognized degree of a recognized University. Preference will be given to candidates who have qualified GATE.

Eligibility for admissions to **sponsored seats** will be governed by the following AICTE guidelines. The candidates should have:

(i) A Bachelor's degree in Engineering / Technology with at least 55% marks in one of the following branches: Computer Science and Engineering / Information Technology / Electronics Engineering / Electrical Engineering from the University of Kerala or equivalent recognized degree of a recognized University. Preference will be given to candidates who have qualified GATE.

(ii) A minimum two years of full time work experience in

Category I – an Educational Institution / Research institution / any Government Department / Government Autonomous Organization.

OR

Category II - a registered firm / Company / Industry in the relevant field with CMM level 5 / CMMI / ISO certification.

(iii) Less than 45 years of age as on 1st day of the year of admission.

6.2. M.Tech Technology Management (Futures Studies)

B.Tech Degree or equivalent in any branch of Engineering / Technology with at least 55% marks from any of the recognized Universities in India. Preference will be given to candidates who have qualified GATE.

Eligibility for admissions to **sponsored seats** will be governed by the following AICTE guidelines. The candidates should have:

(i) Bachelor's Degree in Engineering / Technology with at least 55% marks from AICTE approved institutions. Preference will be given to candidates who have qualified GATE.

(ii) A minimum two-years of full-time work experience in a registered firm / company / industry /

educational and research institution / any Government Department or Government Autonomous Organization in the relevant field.

(iii) Less than 45 years of age as on 1st day of the year of admission.

6.3. M.Tech Electronics and Communication (Optoelectronics and Optical Communication):

At least a second class BE/B.Tech or equivalent degree with 55% marks in Electronics / Electrical and Electronics / Electronics and Communication Engineering, Applied Electronics and Instrumentation or M.Sc. Degree in Physics / Applied Physics / Electronic Science or Electronics of the University of Kerala or equivalent. Preference will be given to candidates who have qualified GATE.

7. Relaxation in Grade Points/Marks in the Qualifying examination:

	For M.Tech Programmes
7.1	Relaxation for candidates from SC/ST category shall be as follows: <ul style="list-style-type: none">(a) CGPA of 2.0 or above in a 4-point scale(b) 3.5 or above in a 7-point scale(c) 5.0 or above in a 10-point scale(d) 50% or above in case of Bachelor Degrees which award marks.
7.2	SEBC Category: <ul style="list-style-type: none">(a) CGPA of 2.12 or above in a 4-point scale(b) 3.71 or above in a 7-point scale(c) 5.30 or above in a 10-point scale(d) 53% or above in case of Bachelor Degrees which award marks.

7.3	Persons with Disability Category: <ul style="list-style-type: none"> (a) CGPA of 2.0 or above in a 4-point scale (b) 2.5 or above in a 7-point scale (c) 5.0 or above in a 10-point scale (d) 50% or above in case of Bachelor Degrees which award marks.
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8. Rank List

- Rank List for admission to non-sponsored seats will be made on the basis of valid GATE score.
- When GATE qualified candidates are not available, admission will be given to Non-GATE candidates on merit. Such admissions will be based on an entrance test conducted by the University of Kerala. Rank list for admission shall be prepared based on the performance in the entrance exam.
- There is no entrance test for Sponsored candidates and the ranking shall be based on 80% weightage for CGPA/aggregate marks at bachelor level and 10% for work experience (1%/year) and 10% for an interview conducted by Department Council.

9. Resolving of Tie

In the case of more than one candidate obtaining equal marks in the Entrance Examinations the candidates who has scored more CGPA/marks in the qualifying examination (upto VI semester for B.Tech/B.E.), will be placed higher in ranking.

HOW TO APPLY

10.1 (a) Any candidate who wishes to join M.Tech. Degree Programme in the University Departments should compulsorily register online at <http://admissions.keralauniversity.ac.in>. A candidate will have the facility to apply for a maximum of 3 programmes through a single registration. On successful completion of the online registration, the candidate should take the printout of the same.

- (b) The site is optimized with the latest versions of Mozilla firebox, Google chrome etc,
- (c) The candidates are advised to enable “JavaScript” before proceeding with the Registration
- (d) Read the instructions carefully before proceeding with the registration.
- (e) Do not press “back” button during the process of registration.

10.2 Online Registration: The Registration Fee will be as follows:

General :Rs. 750/- ; SC/ST: Rs.500/-

Additional Subjects: General :Rs.105/-

Additional Subjects: SC/ST :Rs.55/-

The Registration fee can be remitted by online payment only. A candidate who does not belong to SC/ST Community will be treated as “General” candidate for this purpose. *Candidates shall not remit the fee in any other form like Demand Draft, Cheque etc.*

Note: The Registration fee once remitted will not be refunded under any circumstances.

10.3 Submission of Application: The candidates have to go through the mandatory steps given below for the successful submission of online application:

- a. *Register his/her name* in the website by providing some basic information.
- b. Online Registration of Personal data as well as details of opted *programmes* for entrance examinations.
- c. Payment of registration Fee should be made online only.
- d. Log onto the candidate’s page by providing application number and password (date of birth will be the default password).
- e. Enter the Fee details in the website.
- f. Download the application from the candidate’s page.
- g. Download the Hall ticket before the *date of entrance examination*. The date of downloading of Hall Ticket shall be announced in the website.

10.3.1. Registration Fee remittance: The Registration Fee is to be remitted as per the method mentioned in clause (10.2).

10.3.2. Online Registration of Personal Details and Options Chosen: Facility for online registration will be provided at <http://www.admissions.keralauniversity.ac.in> . A candidate can proceed to the second stage of online application only after entering the details of Registration Fee remittance in *the candidate’s page*.

The procedure for online application consists of the following mandatory steps:

Step 1: Registering in the site

Step 2: Entering Personal Details, Marks/CGPA of Qualifying Examination (upto VI Semester in the case of B.Tech/B.E.).

Step 3: Payment of registration Fee should be made online only.

Step 4: Uploading of photograph and signature

Step 5: Option for verifying the application

Step 6: Printout of the Application.

Candidates can submit their applications from any computer having Internet facility within the time schedule specified.

10.3.3.Step 1: Registering in the Site: Click on the link, ‘Click Here to Register’ in the home page of CSS–Admissions 2022 and provide the basic information (name, date of birth and community). On successful completion of this first step, Login to the site using the application number and password. It is advised to change the password immediately to prevent any type of intrusion by any

unauthorized person. The candidate should note down the password and application number carefully for login into his/her page later.

10.3.4. Step 2: Entering Personal Details, Qualifying Exams and Options for various Programmes:

The candidates should give their personal and reservation details in this page. The candidate has to produce all supporting documents for the reservations claimed; or else, the claims for reservations will be discarded. . After entering the personal and reservation details, the candidate can enter the details of CGPA /marks of their qualifying examination (upto VI semester in the case of B. Tech/B.E. Programmes). The candidates, registering their options, should satisfy all the eligibility conditions with regard to nativity and academic qualifications stated in the Prospectus. The allotment to programmes, which do not satisfy the eligibility conditions, will be cancelled at the time of admission. In such cases the candidature of the applicant will be cancelled without any further intimation. Fill the details carefully and click the button 'Save Information' for the next step.

Note: No memo will be sent by post in the case of defective applications. But edit option will be provided for a stipulated period and no corrections or changes will be allowed after the stipulated period.

10.3.5. Step 3:'Click online button' to proceed with the online payment.

10.3.6. Step 4: Photo and signature uploading: Upload the scanned photo and signature in the prescribed format given in the site.

10.3.7. Step 5: Option for verifying the application: Here the candidates can verify the application and edit the details.

10.3.8. Step 6: Printout of the Application: The candidate must take the print out of the application form for future reference. This must be produced at the time of admission. This is a mandatory step.

The Hard Copy application is not to be sent to the University.

Note:(i) The hall ticket for the entrance examination can be downloaded from the website after the notification. The same will be informed to the students via Press release and SMS to the mobile number given at the time of registration.

(ii)The results of entrance examination will be published in the website.

To claim any fee concession/scholarship: Candidates who are not eligible for communal reservation benefit and who wish to be considered for any fee concession/scholarship/any other benefit based on the annual family income, that may be announced by the Government/University at any time after the submission of application should have income certificate from revenue authorities.

11. ENTRANCE EXAMINATION

11.1. Entrance examination as mandatory entry requirement for Non-GATE candidates: There shall be an entrance examination for admission to each M.Tech. Programme for Non-GATE candidates and no candidate shall be admitted to the M.Tech. Programme without taking the entrance examination; provided that the restrictions do not apply to SC/ST candidates admitted to vacant seats, foreign candidates and sponsored candidates.

11.2. Nature of Entrance Examinations: Entrance examinations shall consist of 60 Multiple Choice Questions for 60 marks and descriptive type question for 40 marks covering subject knowledge at qualifying examination and/ or logical and numerical reasoning , for maximum of 2 hours. The

descriptive part contains 8 questions out of 12 of 5 marks each. Medium of examination will be English. Candidate shall secure a score greater than zero in the entrance examination conducted by the University of Kerala.

11.3. Conduct of Entrance Examinations: The Department Council shall set model QPs for entrance examinations and the Controller of Examinations shall arrange to set the QPs. The office of the CSSAC shall conduct the entrance examinations. No re-examination shall be provided to absentees, under any circumstances. It shall be competent of the CSSAC to sanction special arrangements for differently-abled candidates.

11.4. Online Admit Cards: (a) The Admit Card for the Entrance Examination can be downloaded from the official website of the University of Kerala, admissions.keralauniversity.ac.in. The candidates will have to enter their Application number and Password in order to download the admit card. They will have to take a printout of the admit card. Admit cards will not be sent by post from the University. The venue of the examination and time table will be given in the admit card.

11.5. Marking of Entrance Examinations: The answer scripts of the entrance examination shall be marked digitally or by the teachers of the respective Department.

11.6. Negative Marks: There shall be 0.25 negative mark for each wrong answer for multiple choice questions in entrance examination.

11.7. Re- valuation: There shall be no revaluation of entrance examination answer scripts.

12. ADMISSION ACTIVITIES

12.1. Reporting at the University Department: Candidates need to report for admission before the Head of the Department concerned only when the announcement regarding the same is made by the University. He/she should report with the following documents in original:

- (i) The Admission Memo.
- (ii) Certificate to prove date of birth.
- (iii) Transfer Certificate (T C) from the Institution last attended and Conduct Certificate.
- (iv) Mark lists of the Degree examination and Provisional/Degree Certificate.
- (v) Eligibility Certificate from University of Kerala, in case of candidates who have passed their qualifying examination from other Universities.
- (vi) Migration Certificate in case of candidates who have passed their qualifying examination from other Universities.
- (vii) Any other documents required to be produced by the Head of Institution.
- (viii) GATE score card for GATE qualified candidates.
- (ix) Sponsored candidates shall produce the Experience Certificate and Sponsorship Certificate from the employer stating that the candidate is being sponsored to get admission to M.Tech programme in Computer Science in the Dept. of Computer Science, University of Kerala. The employer should also indicate that the candidate will not be withdrawn mid way till the completion of the course. The date of issue of the Sponsorship Certificate shall be after the date of admission notification. In addition to the above certificates, candidates belonging to Category II shall produce a certificate from the employer stating that the firm /

company / industry is a registered one with a valid registration number and is a CMMI / CMM level 5 / ISO certified one.

12.2. Verification of Documents: The Head of the Department shall be responsible for verification of original documents and satisfaction of the correctness of the records produced by the candidate at the time of admission. The Head of the Department will have the right to deny an admission, if he/she finds any relevant mismatch in the original documents and online data that has affected the ranking process.

12.3. Failure to report for Admission: Candidates who do not take admission on the prescribed date and time in the University Department will lose his/her claim for admissions.

13. Fee to be paid to the University at the time of admission: At the time of admission, the candidate has to remit the requisite fee in the University department. The Details of fee will be provided in the admission memo.

13.1. M.Tech Computer Science (with Specialization in Digital Image Computing): **Rs.19845/-** (including caution deposit) **(For Sponsored candidates-Rs.15750/- per year in addition to normal fee)**

13.2. M.Tech Technology Management (Futures Studies): **Rs.8160/- (For Sponsored candidates-Rs.21660/-)**

13.3. M.Tech Electronics and Communication (Optoelectronics and Optical Communication): **Rs.26662/- (For Sponsored candidates-15,000 /- per year in addition to normal fee)**

13.4. Candidates belonging to SC/ST communities allotted against merit seats or against the seats reserved for them are exempted from payment of fee at the time of admission.

13.5. Claim for fee concession to OEC candidates: Candidates belonging to Other Eligible Communities (OEC) are exempted from payment of fee at the time of admission to Post Graduate programmes, irrespective of annual family income as per G.O. (MS) No. 36/07/SCSTDD, dated: 03.07.2007. They should provide Community Certificate from the Village Officer along with the acknowledgement.

13.6. SC/ST/OEC candidates will have to pay the "Caution Deposit" as per rules.

14. OTHER ITEMS

14.1. The whole process of admission to the M.Tech. Degree programmes 2022-23 will be done by the University of Kerala, as per provisions of the regulation for PG Programmes in the teaching departments of the University of Kerala (2020).

14.2. The University of Kerala will not entertain any request for change of any date fixed for the Admission from time to time.

14.3. All disputes pertaining to the allotment for admission shall fall within the jurisdiction of the Hon'ble High Court of Kerala.

14.4. Any other items not specifically covered in this Prospectus will be decided by the University of Kerala and the decision shall be final.

Thiruvananthapuram

REGISTRAR

ANNEXURE – I
DETAILS OF DEPARTMENTS, PROGRAMMES AND SEATS

Department	Subject	No of Seats
Computer Science	M.Tech Computer Science	18*
Optoelectronics	M.Tech Electronics and Communication (Optoelectronics and Optical Communication)	18
Futures Studies	M.Tech Technology Management	15

*5 seats are reserved for sponsored students where the candidate should have a minimum two years of full time work experience in

Category I- An educational institution/Resarch Institution/ any Govt. Department/ Govt. autonomous organization.

or

Category II- A registered firm/Company/Industry in the relevant field with CMM level 5/CMMI/ ISO certification.

ANNEXURE -II
LIST OF SCHEDULED CASTES (SC)

[As Amended by The Constitution (Scheduled Castes) Orders (Second Amendment) Act, 2002
(Act 61 of 2002) Vide Part VIII – Kerala -Schedule 1 Notified in the Gazette of India dated
18.12.2002, The Constitution (Scheduled Castes) Order (Amendment) Act 2007]

1	Adi Andhra	38	xxx
2	Adi Dravida	39	Moger (other than Mogeyar)
3	Adi Karnataka	40	Mundala
4	Ajila	41	Nalakeyava
5	Arunthathiyar	42	Nalkadaya
6	Ayyanavar	43	Nayadi
7	Baira	44	xxx
8	Bakuda	45	Pallan
9	xxx	46	Palluvan
10	Bathada	47	Pambada
11	xxx	48	Panan
12	Bharathar (Other than Parathar), Paravan	49	xxx
13	xxx	50	Paraiyan, Parayan, Sambavar, Sambavan, Sambava, Paraya, Paraiya, Parayar
14	Chakkiliyan		

15 Chamar, Muchi	51 xxx
16 Chandala	52 xxx
17 Cheruman	53 xxx
18 Domban	54 Pulayan, Cheramar, Pulaya, Pulayar, Cherama, Cheraman, Wayanad Pulayan, Wayanadan Pulayan, Matha, Matha Pulayan
19 xxx	55 xxx
20 xxx	56 Puthirai Vannan
21 xxx	57 Raneyar
22 Gosangi	58 Samagara
23 Hasla	59 Samban
24 Holey	60 Semman, Chemman, Chemmar
25 Kadaian	61 Thandan (excluding Ezhuvas and Thiyyas who are known as Thandan, in the erstwhile Cochin and Malabar areas) and (Carpenters who are known as Thachan, in the erstwhile Cochin and Travancore State)
26 Kakkalan, Kakkan	62 Thoti
27 Kalladi	63 Vallon
28 Kanakkan, Padanna, Padannan	64 Valluvan
29 xxx	65 xxx
30 Kavara (other than Telugu speaking or Tamil speaking Balija Kavarai, Gavara, Gavarai, Gavarai Naidu, Balija Naidu, Gajalu Balija or Valai Chetty)	66 xxx
31 Koosa	67 Vetan
32 Kootan, Koodan	68 Vettuvan, Pulaya Vettuvan (in the areas of eastwhile Cochin State only).
33 Kudumban	69 Nerian
34 Kuravan, Sidhanar, Kuravar, Kurava, Sidhana	
35 Maila	
36 Malayan [In the areas comprising the Malabar District as specified by Sub-section (2) of Section 5 of the State Re-organization Act. 1956 (37 of 1956)].	
37 Mannan (എമ്മ്), Pathiyan, Perumannan, Vannan, Velan	

ANNEXURE – III

LIST OF SCHEDULED TRIBES (ST)

[As Amended by The Scheduled Castes and Scheduled Tribes Orders (Amendment) Act, 2002 (Act 10 of 2003) Vide Part -VII

1 Adiyen	23 Malakkuravan
2 Arandan [Arandan]	24 Malasar
3 Eravallan	25 [Malayan, Nattu Malayan, Konga Malayan (excluding the areas comprising the Kasaragod, Kannur, Wayanad and Kozhikode Districts)]
4 Hill Pulaya, Mala Pulayan, Kurumba Pulayan, Kuravazhi Pulayan, Pamba Pulayan	26 Malayarayar
5 Irular, Irulan	27 Mannan (എം)
6 Kadar [Wayanad Kadar]	28 xxx
7 xxx	29 Muthuvan, Mudugar, Muduvan
8 Kanikkaran, Kanikkar	30 Palleyan, Palliyan, Palliyar, Paliyan
9 Kattunayakan	31 xxx
10 [Kochuvelan]	

11 xxx	32 xxx
12 xxx	33 Paniyan
13 Koraga	34 Ulladan, [Ullatan]
14 xxx	35 Uraly
15 Kudiya, Melakudi	36 Mala Vettuvan(in Kasaragod & Kannur districts)
16 Kurichchan [Kurichiyan]	37 Ten Kurumban, Jenu Kurumban
17 Kurumans, Mullu Kuruman, Mulla Kuruman, Mala Kuruman	38 Thachanadan, Thachanadan Moopan
18 Kurumbas, [Kurumbar, Kurumban]	39 Cholanaickan
19 Maha Malasar	40 Mavilan
20 Malai Arayan [Mala Arayan]	41 Karimpalan
21 Malai Pandaram	42 Vetta Kuruman
22 Malai Vedan [Malavedan]	43 Mala Panikkar

ANNEXURE -IV

LIST OF OTHER ELIGIBLE COMMUNITIES (OEC)

1 Chemman/Chemmar	13 Pathiyan (other than Dhobies)
2 Madiga	14 Allar (Alan)
3 Pulluvan	15 Malavettuvan
4 Thachar (other than Carpenter throughout Stat excluding the erstwhile Malabar area)	16 Malamuthan
5 Chakkamar	17 KunduVadiyan
6 Varnavar	18 Thachanadan Moopan
7 Kudumbi	19 Wayanad Kadar
8 Dheevera/Dheeveran, Arayan, Valan, Nulayan, Mukkuvan, Arayavathi, Valinjar, Paniakkal,	20 Kalanadi
9 Mokaya, Bovi, Mogayar and Megavirar	21 Chingathan
Peruvannan	22 Malayalar
10 Scheduled Castes converts.	23 Malapanicker
11 Kusavan including Kusavar, Kulalan, Kumbaran, Velaan, Odan, Andhra Nair, Anthru Nair	24 Urindavan
12 Malayan, (Konga-Malayan, Pani Malayan (in the erstwhile Malabar area alone)	25 Marati
	26 Pulaya Vettuvan (except in the areas of eastwhile Cochin State)

ANNEXURE - V

LIST OF SOCIALLY AND EDUCATIONALLY BACKWARD CLASSES (SEBC)

[Vide G.O. (P) 208/66/Edn. dated 02.05.1966] & G.O. (Ms) No. 95/08/SCSTDD dated 06.10.2008]

I. Ezhavas including Ezhavas, Thiyyas, Ishuvan, Izhuvan, Illuvan and Billava	36. Kannadiyans
II. Muslims (all sections following Islam)	37. Kavuthiyan
III. Latin Catholics other than Anglo-Indians	38. Kavudiyaru
IV. Other Backward Christians	39. Kelasi or Kalasi Panicker
(a) SIUC	40. Koppala Velamas
	41. Krishnanvaka

<p>(b) Converts from Scheduled Castes to Christianity</p> <p>V. Kudumbi</p> <p>VI. Other Backward Hindus, i.e.</p> <ol style="list-style-type: none"> 1. Agasa 2. Arayas including Valan, Mukkuvan, Mukaya, Mogayan, Arayan, Bovies, Kharvi, Nulayan, and Arayavathi 3. Aremahrati 4. Arya including Dheevera/Dheeveran, Atagara, Devanga, Kaikolan, (Sengunthar), Pattarya, Saliyas (Padmasali, Pattusali, Thogatta, Karanibhakatula, Senapathula, Sali, Sale, Karikalabhakulu, Chaliya) Sourashtra, Khatri, Patnukaran, Illathu Pillai, Illa Vellalar, Illathar 5. Bestha 6. Bhandari or Bhondari 7. Boya 8. Boyan 9. Chavalakkaran 10. Chakkala (Chakkala Nair) 11. Devadiga 12. Ezhavathi (Vathi) 13. Ezhuthachan, Kadupattan 14. Gudigara 15. Galada Konkani 16. Ganjam Reddies 17. Gatti 18. Gowda 19. Ganika including Nagavamsom 20. Hegde 21. Hindu Nadar 22. Idiga including Settibalija 23. Jangam 24. Jogi 25. Jhetty 26. Kanisu or Kaniyar-Panicker, Kaniyan, Kanisan, Kannian or Kani, Ganaka 27. xxxz 28. Kalarikurup or Kalari Panicker 29. Kerala Muthali 30. Kusavan including Kulala, Kumbaran, Odan, Oudan (Donga) Odda (Vodde or Vadde or Veddai) Velaan, Andhra Nair, Anthuru Nair. 31. Kalavanthula 32. Kallan including Isanattu Kallar 33. Kabera 34. Korachas 	<ol style="list-style-type: none"> 42. Kuruba 43. Kurumba 44. Maravan (Maravar) 45. Madivala 46. Maruthuvar 47. Mahratta (Non-Brahman) 48. Melakudi (Kudiyar) 49. Mogaveera 50. Moili 51. Mukhari 52. Modibanda 53. Moovari 54. Moniagar 55. Naicken including Tholuva Naicker and Vettillakkara Naicker 56. Padyachi (Villayankuppam) 57. Palli 58. Panniyar or Pannayar 59. Parkavakulam (Surithiman, Malayaman, Nathaman, Moopanan and Nainar) 60. Rajapuri 61. Sakravar (Kavathi) 62. Senaithalaivar, Elavania, Senaikudayam 63. Sadhu Chetty including Telugu Chetty or 24 Manai Telugu Chetty and Wynadan Chetty 64. Tholkolan 65. Thottiyar 66. Uppara (Sagara) 67. Ural Goundan 68. Valaiyan 69. Vada Balija 70. Vakkaliga 71. Vaduvan(Vadugan) 72. Veera Saivas (Pandaram, Vairavi, Vairagi, Yogeaswar, Matapathi and Yogi) 73. Veluthedathu Nair including Vannathan, Veluthedan and Rajaka 74. Vilakkithala Nair including Vilakkathalavan, Ambattan Pranopakari, Pandithar and Nusuvan 75. Vaniya including Vanika, Vanika Vaisya, Vaisya Chetty, Vanibha Chetty, Ayiravar Nagarathar, Vaniyan 76. Yadava including Kolaya, Ayar, Mayar, Maniyani, Eruman, Golla and Kolaries 77. Chakkamar 78. Mogers of Kasaragod Taluk 79. Maratis of Hosdurg Taluk
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35. Kammalas including Viswakarmala, Karuvan, Kamsalas, Viswakarmas, Pandikammala, Malayal- Kammala, Kannan, Moosari, Kalthachan, Kallasari, Perumkollen, Kollan, Thattan, Pandithattan, Thachan, Asari, Villasan, Vilkurup, Viswabrahmins, Kitara, Chaptegara.	80. Paravans of Malabar area excluding Kasaragod Taluk 81. Peruvannan (Varnavar)
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ANNEXURE – VI

Undertaking from the Students as per the provisions of anti-ragging verdict by the Hon'ble Supreme Court of India

I, Mr./Ms., Roll No..... Program: Student of do hereby undertake on this day Month year, the following with respect to above subject and Office Order No:

- 1) That I have read and understood the directives of the Hon'ble Supreme Court of India on anti-ragging and the measures proposed to be taken in the above references.
- 2) That I understand the meaning of Ragging and know that the ragging in any form is a punishable offence and the same is banned by the Court of Law.
- 3) That I have not been found or charged for my involvement in any kind of ragging in the past. However, I undertake to face disciplinary action/legal proceedings including expulsion from the Institute if the above statement is found to be untrue or the facts are concealed, at any stage in future.
- 4) That I shall not resort to ragging in any form at any place and shall abide by the rules/laws prescribed by the Courts, Govt. of India and Institute authorities for the purpose from time to time.

Signature of Student

I hereby fully endorse the undertaking made by my child/ward.

Signature of Mother/Father and or Guardian

Witness: