



SAHRDAYA
COLLEGE OF ENGINEERING & TECHNOLOGY

**PROSPECTUS FOR ADMISSION TO
M.TECH DEGREE PROGRAM – 2017-18**



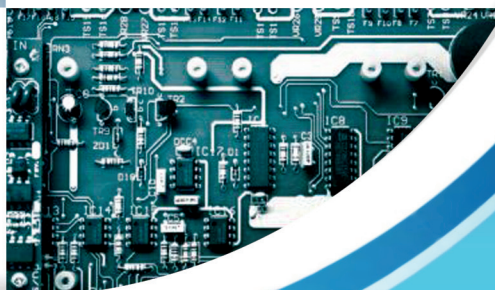
**Computer
Science
Engineering (CS)**

**Embedded
Systems (ES)**



**Industrial
Biotechnology (IBT)**

**Power
Electronics &
Devices (EE)**





COURSES OFFERED AT SAHRDAYA (SHR)

PG Programme in M.Tech

- 1. Embedded Systems (ES)**
- 2. Industrial Biotechnology (IBT)**
- 3. Computer Science Engineering (CS)**
- 4. Power Electronics & Drives (EE)**

UG Programme in B.Tech

- 1. Biomedical Engineering (BM)**
- 2. Biotechnology Engineering (BT)**
- 3. Civil Engineering(CE)**
- 4. Computer Science & Engineering (CS)**
- 5. Electronics & Communication Engineering (EC)**
- 6. Electrical & Electronics Engineering (EE)**

1. INTRODUCTION

SAHRDAYA COLLEGE OF ENGINEERING & TECHNOLOGY is a member college of Kerala Catholic Engineering College Management's Association (KCECMA). According to the directive given by Director of Technical Education, Kerala, 50% of the M.Tech. Seats will be filled by the college from the rank list published by DTE. Remaining 50% of the M.Tech. Seats will be filled by the college on merit.

For both categories candidates have to apply in the prescribed application form which shall be obtained from college office or shall be down loaded from the website www.sahrdaya.ac.in

2. COURSES & SEATS

M. Tech Specialization

Total Annual Intake

Embedded Systems (ES)	18
Industrial Biotechnology (IBT)	18
Computer Science Engineering (CS)	18
Power Electronics & Devices (EE)	18

Applicants are advised to visit the website www.sahrdaya.ac.in regularly for recent updates. All the information will be available through website only. No Other intimation/memo will be sent to applicants.

Any query regarding admission has to be sent to info@sahrdaya.ac.in

3. DISTRIBUTION OF SEATS

Course	Government Quota (50%) Allotment by the college from the list published by DTE				Management Quota (50%) Allotment by the college from the list published by Management				TOTAL
	Open merit	SC/ST**	SEBC***	Physically handicapped	Open merit	Christian Community	Syro Malabar Catholics of Irinjalakuda Diocese	NRI	
ES	6	1	1	1	3	2	1	3	18
IBT	6	1	1	1	3	2	1	3	18
CS	6	1	1	1	3	2	1	3	18
EE	6	1	1	1	3	2	1	3	18

**SC/ST – Schedule Caste/Schedule Tribe

*** SEBC – Socially and Economically Backward Community

ADMISSION IS PURELY ON MERIT BASIS

4. ELIGIBILITY FOR ADMISSION

- Nationality:- Candidates must be Citizens of India.
- a) The candidate should have passed a B. Tech degree course or equivalent with at least 60% marks from any Institution approved by Kerala Technological University and AICTE, in the branches given below.

Name of the Programme	Eligible Degree
M.TECH IN EMBEDDED SYSTEMS Eligibility : B. Tech 60%	B. Tech/ BE/ B. Sc Engineering Degree in Electronics & Communication Engineering/ Biomedical Engineering/ Electronics & Biomedical Engineering/ Biomedical Instrumentation. Candidate with AMIE/AMIETE with 55% marks in section B examination and 3 year professional experience and having a valid GATE score are also eligible.
M. TECH IN INDUSTRIAL BIOTECHNOLOGY Eligibility : B. Tech 60%	B.Tech/ BE/ B.Sc Engineering Degree in Biotechnology Engineering/ Industrial Biotechnology Engineering/ Biotechnology & Biochemical Engineering/ Chemical Engineering/ Food Technology or Food Engineering/ Environmental Engineering/ Dairy Sciences/ Pharmaceutical Technology
M. TECH IN COMPUTER SCIENCE ENGINEERING Eligibility : B. Tech 60%	B.Tech/ BE/ B.Sc Engineering Degree in Computer Science Engineering/ Information Technology
M. TECH IN POWER ELECTRONICS & DRIVES Eligibility : B. Tech 60%	B.Tech/ BE/ B.Sc Engineering in Electrical & Electronics Engineering

- b) The candidate should have a minimum first class in the Engineering Degree Examination. For SC/ST candidates a pass in engineering degree is sufficient.
- c) Candidates who have appeared for their final BTech Examinations may also apply provided the results are made available at the time of admission.
- d) Admission shall be normally restricted to those with a valid GATE score on merit basis/in the absence of GATE score candidates, non GATE candidates are also considered.
- e) 50 % of the total seats shall be under Govt merit quota and 50% shall be management quota. The admission to the Govt merit quota will be made from the Rank list prepared by Directorate of Technical Education, Kerala and admission to management seats shall be from the merit list prepared by the management by inviting applications. If sufficient candidates are not available in the list approved by DTE for admission to Govt merit seats, then those seats will be filled from the list prepared by the management. Candidates from all the states in India are eligible for admission. There will not be any admission entrance test.

5. HOW TO APPLY

- Government Quota : Candidates who wish to apply for M.Tech admission 2017 in Sahrdaya College of Engineering & Technology under government quota should apply online through the website www.dtekerala.gov.in and send the hard copy of the application to the Principal, College of Engineering, Trivandrum -16 after remitting the application fee in the bank and enclosing all the documents as per the prospectus published by DTE. Then they should also apply directly to Sahrdaya College of Engineering & Technology to secure M.Tech Admission. The applications received in the college will be processed and admission will be done as per the Rank list published by DTE, Kerala.
- Management Quota : Application forms can be obtained from college office or can be downloaded from college website www.sahrdaya.ac.in. The duly filled in application form along with copies of documents, attested by a gazetted officer, affixing the photograph & signature and DD of Rs. 500/- in favour of Sahrdaya College of Engineering & Technology shall be submitted before 20th July 2017 5 PM.

6. FEES TO BE PAID AT THE TIME OF ADMISSION (for all categories) AND SEMESTER FEES

Fee Details	1st Semester	2nd to 4th Semester
Tuition Fee (Semester)	Rs 45000 *	Rs 45000*
Caution Deposit (One Time)	Rs 10000	
Admission Fee	Rs 500	
Total Fees	Rs 55500	Rs 45000

**Candidates with GATE score and SCET alumni need to pay only Rs 40000/- Semester Tuition Fee.*

7. SELECTION PROCEDURE

- For the 50% Government merit seat (Allotment by college from the rank list published by DTE) Candidates should have applied online to DTE website dtekerala.gov.in. Candidates have to apply to the college also. GATE qualified candidates will be selected from the rank list published by DTE. Admission will be done in the order of merit according to the rank list.
- For the 50% College Merit Seat.
Candidates should have applied to the college in the prescribed form.
GATE qualified candidates will have preference. To prepare the ranklist for college merit, score (in percentile) of GATE 2017/2018, Marks obtained in Qualifying degree (B.E/B.Tech.) and relevant experience in industry/teaching will be considered. Weightage for GATE score is 60%, Marks obtained in Qualifying degree is 30%, and 10 (max) marks for experience.

G – GATE SCORE, B – B.TECH. PERCENTAGE, E – EXPERIENCE IN MONTHS,

$$\text{Then Index mark } I = \frac{G \times 60}{100} + \frac{B \times 30}{100} + \frac{E}{12}$$

For example, if the GATE score of a candidate is 90 percentile, B. Tech percentage is 80%, with 3 years experience then the index mark of the candidate will be 81. If a candidate is not qualified in GATE, G will be 0 and if candidate has no experience, E will be 0. 10% weightage on I will be given to SCET Alumni.



8. DOCUMENTS TO BE SUBMITTED

Two Copies of Certificates/Documents listed bellow, attested by a gazetted officer/Head of the Institution last attended shall be submitted along with the application.

- a) 10th/12th certificate in proof of the date of birth
- b) GATE scorecard
- c) B. Tech degree certificate
- d) Mark list of B.Tech./B.E degree examination (for all the semesters)/consolidated mark list.
- e) Copy of relevant page containing candidate's name in the rank list published by DTE.
- f) Certificate of good conduct from the institution last attended issued within six months from the date of application.
- g) In cases where the candidates claim any sort of reservation or special consideration, documents to prove such claims.
- h) Experience Certificate.
- i) Certificate from Parish Priest for consideration in the community merit.

Application not accompanied by documents in proof of claims made therein will be summarily rejected without further intimation. Documents / Certificates furnished after submission of the application will not be entertained under any circumstances. Also no opportunity will be given to incorporate any details or document after the submission of the application. Late and incomplete applications will be rejected.

The filled in application along with copies of documents as mentioned above and DD of Rs. 500/- in favour of Sahrdaya College of Engineering & Technology, Kodakara mailed/handed over to/at College office on or before 20th July 2017.

Mailing address:

The Principal
Sahrdaya College of Engineering & Technology
P B No. 17, Kodakara,
Thrissur Dist. – 680 684, Kerala.

Please write “M.Tech. Admission 2017 – Application” on the front side of the envelope

9. DATA VERIFICATION

Details of all applications received including considerations for weightage and reservations, marks etc. will be published on the website of the college on the appointed date. Candidates are advised to verify the same and notify entry mistakes, if any, within the stipulated time limit. No further request for correction will be entertained.



10. ADMISSION

1. For genuine reasons, management will have the right to deny admission to any candidate even if otherwise eligible. The reason for the same will be recorded and informed to the candidate on request.
2. Candidates are advised to visit the website regularly for all further notifications and appear for Test/ interview and admission as notified therein. No separate communication will be sent on this count. The process of interview will continue till the seats are filled.

11. REFUND / ADJUSTMENT OF FEES

Fees paid will be adjusted/refunded as per AICTE norms. If a candidate leaves the college after closing of admission, he will be liable for forfeiture of the fees paid and also will be liable to pay liquidated damages equivalent to one year's tuition fee.

12. IMPORTANT DATES

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|---|------------------------------------|
| 1. Issue of application form begins | : 2 nd May 2017 |
| 2. Last date for submission of filled in applications at college office | : 20 th July 2017, 5 PM |
| 3. Publication of merit list | : 22 nd July 2017 |
| 5. Interview, Selection and admission begins | : 25 th July 2017 |
| 6. Commencement of classes | : 1 st August 2017 |
| 7. Admission closes on | : 15 th August 2017 |



INDUSTRIAL TRAINING AND PLACEMENT ASSISTANCE BY:



imagination at work



SAHRDAYA

COLLEGE OF ENGINEERING & TECHNOLOGY
KODAKARA - THRISSUR

**NAAC Accredited & ISO 9001:2008 Certified;
Accredited by The Institution of Engineers (India)
Approved by AICTE, New Delhi,
Affiliated to APJ Abdul Kalam Technological University, Kerala
Managed by Catholic Diocese of Irinjalakuda.**

**P.B. No. 17, Kodakara 680 684, Thrissur Dt; Kerala
Phone : 91-480-2759275 (30 Lines), 2726630, Fax : 91-480-2726634
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Web : www.sahridaya.ac.in**