



EDUCATION IS DEDICATION

SAHRDAYA

College of Engineering & Technology

KODAKARA - THRISSUR

PROSPECTUS FOR ADMISSION TO M.TECH DEGREE COURSE - 2014-15

EMBEDDED SYSTEMS



INDUSTRIAL BIOTECHNOLOGY



Brewing Enzyme



COMPUTER SCIENCE ENGINEERING



POWER ELECTRONICS & DRIVES



AICTE LETTER OF APPROVAL NO: F.NO. SOUTH-WEST/1-2017618876/2014/EOA DATED 04TH JUNE 2014

UNIVERSITY AFFILIATION ORDER NO: U.O. NO. 1626/2013/CU DATED 14TH MAY 2013.

Courses Offered At Sahrdaya (SHR)

PG Programme in M.Tech

Intake Capacity

- | | |
|---------------------------------------|----|
| 1. Embedded Systems (ES) | 18 |
| 2. Industrial Biotechnology (IBT) | 18 |
| 3. Computer Science Engineering (CS)* | 18 |
| 4. Power Electronics & Drives (EE)* | 18 |

* Final Sanction Awaiting
 AICTE Approval and University Recommendation Received.

UG Programme in B.Tech

- | | |
|---|-----|
| 1. Biomedical Engineering (BM) | 60 |
| 2. Biotechnology Engineering (BT) | 60 |
| 3. Civil Engineering(CE) | 60 |
| 4. Computer Science & Engineering (CS) | 120 |
| 5. Electronics & Communication Engineering (EC) | 120 |
| 6. Electrical & Electronics Engineering (EE) | 60 |

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. Branches	Total annual intake
Embedded Systems (ES)	18
Industrial Biotechnology (IBT)	18
Computer Science Engineering (CS)*	18
Power Electronics & Drives (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

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AICTE Approval and University Recommendation Received.

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.

- The candidate should have passed a B. Tech degree course or equivalent with at least 60% marks from any Institution approved by Calicut 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 and Biomedical Engineering / Biomedical Instrumentation Candidate with AMIE/AMIETE with 55% marks in section B examination and 3 year profession experience and having a valid GATE score are also eligible.
M.TECH IN INDUSTRIAL BIOTECHNOLOGY Eligibility: B.Tech 60%	B.Tech / B.E / B.Sc Engineering Degree in Biotechnology Engineering/ Biotechnology and Biochemical Engineering/ Chemical Engineering
M.TECH IN COMPUTER SCIENCE ENGINEERING* Eligibility: B.Tech 60%	B.Tech Engineering Degree in Computer Science Engineering / <i>Information Technology</i> .
M.TECH IN POWER ELECTRONICS & DRIVES* Eligibility: B.Tech 60%	B.Tech Engineering Degree in Electrical & Electronics Engineering

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- The candidate should have a minimum first class in the Engineering Degree Examination. For SC/ST candidates a pass in Engineering degree is sufficient
- Candidates who have appeared for their final Btech Examinations may also apply provided the results are made available at the time of admission.
- Admission shall be normally restricted to those with a valid GATE score on merit basis.
- 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.

5. HOW TO APPLY:

- Government Quota :** Candidates who wish to apply for M.Tech admission 2014 in Sahridaya 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 Sahridaya 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.sahridaya.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 Sahridaya College of Engineering & Technology shall be submitted before 15th July 2014 5 pm

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

Tuition Fee (Semester)	Rs. 65000*
Special fee (Semester)	Rs. 10000*
Caution deposit	Rs. 10000
Admission fee	Rs. 250
University fee	Rs.500
TOTAL	Rs. 85750

*Increase in fee, if any, as decided by the government/statutory body, also has to be paid by the candidate.

7. SELECTION PROCEDURE:

- For the 50% Government merit seat allotted 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 2014/2013, Marks obtained in Qualifying degree (B.E/B.Tech.), Score of the admission test conducted by the college and relevant experience in industry/teaching will be considered.

Weightage for GATE score is 60%, Marks obtained in Qualifying degree is 20%,

Admission test conducted by the college is 15% and 5 (max.) marks for experience.

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

$$\text{Then Index mark } I = \frac{G \times 60}{100} + \frac{B \times 20}{100} + \frac{A \times 15}{100} + \frac{E}{12}$$

For example, if the GATE score of a candidate is 90 percentile, B.Tech percentage is 80%, score in admission test is 60 out of 100, with 3 years experience then the index mark of the candidate will be 82. 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) Mark list of B.Tech./B.E degree examination (for all the semesters).
- d) Copy of relevant page containing candidate's name in the rank list published by DTE.
- e) Certificate of good conduct from the institution last attended issued within six months from the date of application.
- f) In cases where the candidates claim any sort of reservation or special consideration, documents to prove such claims.
- g) Experience Certificate.
- h) 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 15th July 2014.

Mailing address:

The Principal

Sahrdaya College of Engineering & Technology

P B No. 17, Kodakara,

Thrissur Dist. – 680 684, Kerala.

Please write "M.Tech. Admission 2014 – 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

1. Issue of application form begins: 23rd June 2014
2. Last date for submission of filled in applications at college office: 25th 15th July 2014, 5 PM
3. Admission Test: 30th 16th July 2014, 11 AM
4. Publication of merit list: 1st 18th July 2014, 10 AM
5. Interview, Selection and admission begins: 21st July 2014
6. Commencement of classes: will be notified on the website
7. Admission closes on: 23rd 26th August 2014

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RANKED 1st
AMONG ALL ENGINEERING
COLLEGES IN KERALA



SAHRDAYA

College of Engineering & Technology
KODAKARA - THRISSUR

ISO 9001 : 2008 Certified

Managed by Catholic Diocese of Irinjalakuda, Affiliated to the University of Calicut
Approved by AICTE, New Delhi, Accredited by The Institution of Engineers (India)

P.B.No.17, Kodakara - 680 684, Thrissur Dt., Kerala

Ph: 91-480-2759275 (30 Lines), 2726630 Fax: 91-480-2726634

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