



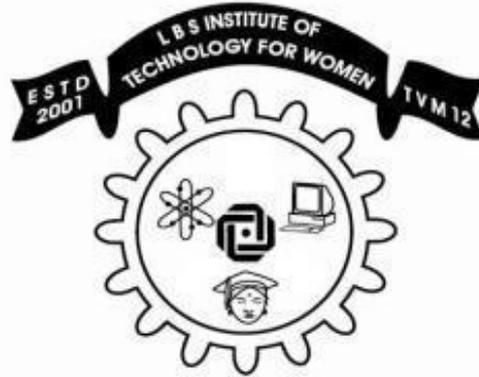
LBS INSTITUTE OF TECHNOLOGY FOR WOMEN (A Govt. of Kerala Undertaking)

POOJAPPURA, THIRUVANANTHAPURAM

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(Approved by AICTE, Govt. of India, New Delhi &
Affiliated to APJ Abdul Kalam Technological University)
Accredited by National Board of Accreditation (NBA), New Delhi

B. TECH ADMISSION – 2025-2026
PROSPECTUS FOR ADMISSION TO NRI SEATS



1) LBS Centre for Science and Technology

LBS Centre for Science and Technology (LBSCST) Thiruvananthapuram, the premier institute of computer training and consultancy established by Government of Kerala in 1976. The LBS Centre was established by the Government of Kerala as an Autonomous body with the main objective to act as a link between the industries and technical institutions so as to benefit society through their mutual interactions. The LBS Centre is administered by a Governing Body and an Executive Committee. The Chief Minister, Government of Kerala is the Chairman of the Governing Body and the Minister for Higher Education is the Vice-Chairperson. The Principal Secretary for Higher Education is the Chairperson of the Executive Committee and the Director of Technical Education is the Vice-Chairman of Executive Committee. There are two Government Cost Sharing Engineering Colleges under LBS Centre viz. LBS College of Engineering, Kasaragod and LBS Institute of Technology for Women, Poojappura, Thiruvananthapuram.

2) LBS Institute of Technology for Women (LBSITW)

LBS Institute of Technology for Women is managed by LBS Centre for Science and Technology, Thiruvananthapuram started functioning in the year 2001 at Poojappura, Thiruvananthapuram. This is the first Engineering College for women in the state of Kerala and only Women Engineering College under Government Sector in the state. All undergraduate programs are accredited by the National Board of Accreditation (NBA). The college is ranked 4th in Kerala based on KTU results. In January 2024, our students achieved a major milestone by launching WESAT under the guidance of ISRO, marking a significant accomplishment both nationally and globally.

3) Programs offered.

a. B. Tech Programs

LBSITW offers four year B. Tech Programme as follows.

Sl. No	Programmes	Intake
1	Electronics and Computer Engineering	60
2	Civil Engineering	60
3	Computer Science and Engineering	180
4	Electronics and Communication Engineering	60
5	Information Technology	60

b. M. Tech Programs

LBSITW offers two year M. Tech Programs in the following disciplines.

Sl. No.	Discipline	Intake
1	Computer Science and Engineering (CSE Department)	24
2	Robotics and Artificial Intelligence	24

4) Facilities:

- The total building area in the college campus is 2,00,000 q.ft.
- Highly qualified, experienced and dedicated faculty
- Well-equipped laboratories and workshops.
- Carrier Guidance Placement unit [CGPU] and excellent campus placement.



- e) Fully computerized central library.
- f) Specially designed computer labs with LAN facility.
- g) High speed Internet facility for all students and staff.
- h) Wi-Fi Enabled campus.
- i) Excellent administrative level support.
- j) CCTV in all class rooms.
- k) Parent Teacher Association.
- l) National Service Scheme-Two units
- m) Physical Education for students.
- n) Nature club.
- o) Staff Advisory System.
- p) Elected College Union and Department Technical Associations
- q) Alumni association.
- r) Other associations like IEEE, CSI, IGS, ICI etc..
- s) Smart class rooms
- t) Transportation facility covering entire Trivandrum city
- u) Co-operative society-provides all the stationary and text books
- v) All the Government scholarships are available for meritorious students and internal scholarships instituted by PTA and Alumni association are also available

5) Hostel Facility

A ladies' hostel with a built-up area of 70,000 square feet is available within the campus, ensuring accommodation for all eligible students. The hostel is equipped with 24-hour power backup and Wi-Fi connectivity. Two floors of a newly constructed hostel block will be ready for occupancy by April 2025, with additional floors currently under construction. Additionally, the hostel features a state-of-the-art computing facility operating 24/7, comprising 25 computers sponsored by Union Bank of India.

6) TEQIP

Technical Education Quality Improvement Programme (TEQIP) was envisaged as a long-term program of about 10-12 years duration to be implemented in 2-3 phases for transformation of the Technical Education System with the World Bank assistance. LBSITW is a recipient of TEQIP funds from 2012 onwards.

The academic and infrastructural facilities are enhanced and strengthened by the assistance from TEQIP II.

7) WESAT (Women Engineered SATellite)

Students and faculty members of the Space Club at our institution designed and fabricated a satellite named "Women Engineered Satellite" (WESAT). It was successfully launched by ISRO aboard PSLV-C58 on January 1, 2024. WESAT holds the distinction of being the first satellite engineered by women engineering students of LBSITW in Kerala and the first satellite in the world developed under the supervision of an all-women team.

LBS Institute of Technology for Women Poojappura, is the only engineering college in Kerala to have its presence in outer space.



The official data release of WESAT took place on January 1, 2025, and initial findings indicate a hazardous UV index value in Thiruvananthapuram City. The project is ongoing, with further studies and analysis in progress.

8) PATENTS

Six research projects are being carried out utilizing the advanced laboratory facilities of our institution. The college actively encourages both faculty members and students to engage in research in emerging areas of technology, fostering an environment that promotes innovation and academic excellence. As a result of these efforts, our institution has successfully filed and secured patents, demonstrating our commitment to cutting-edge advancements and intellectual property development.

SI No	Name of the Applicant/Inventor	Title
1.	Dr. Raja Varma Pamba, Asst., Prof. Dept of CSE	Method of effective medical supply management using block-chain and machine learning.
2.	Dr. Raja Varma Pamba, Asst., Prof. Dept of CSE	A system and method for facial recognition using micro-drone.
3.	Dr. Lizy Abraham, Assoc. Prof., Dept of ECE	Artificial Intelligence based robotics to check mechanical product quality in manufacturing industry.
4.	Prof. Neethi Narayanan, Asst. Prof. Dept of IT	Technological Developments and machineries in processing of Alona Fruits and seeds.
5.	Dr. Resmi R, Assoc. Prof. Dept of ECE	Nanotechnology Based Antimicrobial bandage Dispensing Device.
6.	Dr. Lekshmi P L, Assoc. Prof, CSE & Dr. Abdul Rahiman M, Professor, CSE	System for Encrypting audio visual data for privacy
7	Dr Smitha Vas P, Assoc. Prof, CSE	Wearable biometric authentication device
8	Dr Smitha Vas P, Assoc. Prof, CSE	lot based processing device for optimizing public transport route
9	Dr Smitha Vas P, Assoc. Prof, CSE	An ensemble learning approach for enhanced cyber threat detection in healthcare information systems

9) Funded Research Projects

LBSITW gives much importance to research and developmental activities. Many of our research projects have been funded by Science and Engineering Research Board [SERB], Centre for Engineering Research and Development [CERD], Kerala State Council for Science, Technology and Environment [KSCTE], Center for Excellence for Disability Studies [CeDs] etc. Last year our research project titled “Laser Speckle Interferometry based analysis of Embankments Resting n Soft Clay Reinforced with Encapsulated Prestressed Geosynthetic” received funding of Rs. 50 lakh from SERB.

10) Industry Institute Interaction

LBS Institute of Technology for Women actively collaborates with various engineering industries, fostering strong industry-academia partnerships. In July 2024, the institution signed



a research MoU with Smart City Corporation Ltd., Thiruvananthapuram, and various research activities are currently underway. Additionally, LBSITW has an agreement with KDISC for the upliftment of handloom industries in Balaramapuram, where two faculty members are actively involved in the project.

The Civil Engineering Department has established Memorandums of Understanding (MoUs) with the Kerala Highway Research Institute (KHRI), National Transportation Planning and Research Centre (NATPAC), and CADD Centre, with plans to sign an MoU with the Kerala Water Authority (KWA). The Civil Engineering Department is also engaged in consultancy projects for prestigious organizations, including ISRO, PWD, the Irrigation Department, the Inland Navigation Department, KTDC, KEL, and the Airport Authority of India (AAI). Through these consultancy projects, students gain hands-on experience in real-world engineering challenges, further enhancing their practical knowledge and skills.

The Computer Science and Engineering Department has an MoU with Tata Consultancy Services, while the Electronics and Communication Engineering Department has an MoU with the Kerala State Pollution Control Board. These collaborations enable students to undertake projects and internships at these reputed organizations.

11) Career Guidance and Placement Unit (CGPU)

The Career Guidance and Placement Unit (CGPU) is a vital part of our institution, designed to bridge the gap between academia and industry. Our primary objective is to provide a platform for students to interact with the industrial fraternity, enhancing their prospects for gainful employment.

To achieve this, we offer a comprehensive range of initiatives:

- a. **Placement Training from First Semester Onwards:** We provide rigorous placement training to our students from the very beginning of their academic journey, equipping them with the skills and confidence needed to succeed in the industry.
- b. **Industrial Visits:** We organize regular industrial visits to give our students hands-on experience and exposure to real-world work environments.
- c. **Certification Programs:** We facilitate certification programs through various platforms, enabling our students to acquire specialized skills and enhance their employability.
- d. **Faculty Development Programs:** We conduct faculty development programs to ensure that our faculty members are updated with the latest industry trends and best practices.
- e. **Internships:** We provide internship opportunities to our students, allowing them to gain practical experience and build their professional network.
- f. **Hackathons:** We organize hackathons and other innovative events to foster a culture of creativity, innovation, and entrepreneurship among our students.
- g. **Placement and Higher Studies Opportunities:** We offer placement assistance and guidance for higher studies, ensuring that our students have a wide range of career options to choose from.

Our efforts have yielded impressive results, with more than 80% of our outgoing students securing placement in reputed national and multi-national companies. The CGPU is



headed by a senior faculty member, with representation from both students and staff, ensuring that our initiatives are always student-centric and industry-relevant.

12) Location

The Institute is situated in the heart of Thiruvananthapuram city at Poojappura, which is 4 kms from Trivandrum Central Railway Station and KSTRC Bus Station. The distance to Trivandrum International Airport is 8Kms and to Trivandrum Domestic Airport is 9Kms.

13) Admission Procedure (B-Tech)

a. No. of seats under NRI quota.

5% of the total intake in each branch is reserved as NRI quota.

b. Eligibility

Academic Eligibility is as per the prospectus issued by the Commissioner for Entrance Examinations, Government of Kerala for admission to the professional Degree Course, 2025. The eligibility of NRI seats is as per the Section 2 (o) of Kerala Professional College or Institutions Act XIX of 2006 which is as follows: “Non-Resident Indian seats’ means seats reserved for children or wards or dependents of Non-Resident Indians to whom admission is given by the management in a fair, transparent and non-exploitative manner on the basis of fees as may be prescribed.

c. Age

Applicant should have completed 17 years of age as on 31-12-2025. No relaxation in the minimum age will be allowed. There is no upper age limit.

d. Selection

Selection of candidates will be based on the rank list prepared for this purpose observing the following criteria.

- i. Percentage of total marks obtained for the optional subjects of XII (Physics, Chemistry and Mathematics).
- ii. If there is a tie, the percentage of marks for Mathematics will be counted.
- iii. If there is still a tie, Percentage of Marks for Physics, Chemistry & total marks in the qualifying examination will be counted in sequences.

In case candidate has not studied Chemistry, marks obtained in Computer Science shall be considered. In case candidate has not studied Chemistry and Computer Science, marks obtained in Biotechnology shall be considered and in case candidate has not studied Chemistry, Computer Science and Biotechnology, marks obtained in Biology shall be considered.

e. Fees and Refundable Deposit

- i. Fee and refundable deposit are as per government decision for Govt. controlled cost sharing engineering colleges. [GO(Ms)No. 651/2024/HEDN dated 08-11-2024 of Higher Education Department].
- ii. The candidate selected will be required to remit the annual tuition fee for the first year at the time of admission.
- iii. There will be 5% of increment in the annual tuition fee as per the [GO (Ms)No. 311/2019/HEDN dated 06-09-2019 of Higher Education Department].



- iv. The admitted student is also required to remit the interest free refundable deposit at the time of admission, which will be refunded after the completion of the course.
- v. The admitted candidate will also be required to remit the university fee, affiliation fee, special fee, establishment charges, PTA fee etc. as per instructions from the head of the Institution at the time of admission.
- vi. The fee can be remitted only through the online payment portal of the institution

The fee structure is as shown below.

Admission fee	Rs. 1000/-
Tuition fee	
CSE:	Rs. 1,75,000/-
ECE, ERE& IT:	Rs. 1,50,000/-
CE:	Rs. 1,25,000/-
Refundable deposit	Rs. 1,25,000/-
Special fee	Rs. 1,500/-
Caution deposit	Rs. 5,000/-
Establishment charge	Rs. 2,000/-
University registration fee	Rs. 1,050/-
Examination fee	Rs. 5,300/- (First & Second Semesters)
Arts and sports fee	Rs. 530/-
Students affiliation fee	Rs. 790/-
Library fee	Rs. 1000/-
Professional body fee	Rs. 1000/-
Online academic management fee	Rs. 450/-

*Onetime payment of extra fee like Dept. Association, PTA, College union, CGPU etc.

a. Refund of fees and levying liquidated damages in the case of discontinuation.

As per 12.2.2 refund of fees as given in KEAM Prospectus 2025 and 12.2.4 liquidated damages. This rule is applicable for G.O. (Ms) No.97/2025/HEDN Dated, Thiruvananthapuram 19.02.2025 and KEAM Prospectus 2025 and norms mentioned in AICTE handbook 2025.

b. How to apply.

Applications can be submitted only through online. Candidates who wish to apply for NRI seats can visit the institution website: www.lbt.ac.in and follow the instructions for applying online. The application fee is Rs.1000/- (Rupees One Thousand only). The fee shall be remitted via the payment link given in the website.

c. Documents to be submitted along with the application.

1. Nativity Certificate (As per the Prospectus conditions issued by the CEE for admission to Professional courses 2025-26).
2. True copy of the SSLC/ equivalent certificate mentioning the date of birth of the applicant.
3. True copy of the qualifying examination certificate / mark list.



4. SEBC candidates claiming relaxation of mark for eligibility should submit income certificate and community certificate. (As per KEAM Prospectus 2025-26)
5. NRI Certificate:
Candidates may produce any one of the following certificates of the sponsor.
 - i. Valid Visa Copy of the Sponsor or Visa Stamped Copy of the Passport of the Sponsor.
 - ii. Employment Certificate from the employer.
 - iii. Certificate from the Embassy concerned.
6. Declaration of sponsorship from the NRI in the format attached in the application.
7. Apart from the sponsor's declaration, the records submitted under NRI should establish the dependence / relationship as per Section 2 (o) of ACT XIX of 2006.

d. Admission Schedule is as follows

ACADEMIC SCHEDULE FOR BTECH COURSES UNDER NRI QUOTA ADMISSION FOR THE ACADEMIC YEAR 2025-26	
<u>EVENT/PARTICULARS</u>	<u>IMPORTANT DATES</u>
Date of notification	07/05/2025
Date of inviting online application	08/05/2025
<u>Last date of receipt of online application</u>	21/05/2025
Date of publication of details of candidates applied	22/05/2025
Publication of provisional rank list	23/05/2025
Date of interview & admission	26/05/2025 & 27/05/2025
Spot admission	30/05/2025

Sd/-
PRINCIPAL



APPLICATION FOR ADMISSION TO NRI QUOTA SEATS OF

B. TECH COURSES

FOR THE ACADEMIC YEAR 2025-2026

- 1) Name of Applicant with initials (in Block Letters) :
- 2) Sex :
- 3) Caste and Community :
- 4) Age & Date of Birth :
- 5) Name and occupation of Parent / Guardian :
- 6) Permanent Address with Pin Code and Telephone Number and email id (with STD Code) of Parent or Guardian :
- 7) Present Address with Pin Code and Telephone Number and email id (with STD Code) of Parent or Guardian :
- 8) Present Address with Pin Code and Telephone Number and email id (with STD Code) of Parent or Guardian :

Marks			
Subject	Secured	Maximum	Percentage
Mathematics			
Physics			
Chemistry			
Total			

- 9) Marks Secured in the Qualifying Examination(Attach Self Attested Copy of Mark lists) :

1	
2	
3	
4	
5	

- 10) Choice of Branches of Study (Order of Preference):



- 1.
- 2.
- 3.
- 4.
- 5.

DECLARATION

I do hereby affirm that all the particulars furnished above are true to the best of my knowledge and belief and that I shall abide by all the rules and regulations for admission to NRI Quota seats in the Govt. cost sharing Engineering Colleges in the state as per the notification.

Signature of Parent / Guardian

Signature of Applicant



SPONSOR’S DECLARATION

I hereby declare that
..... (Name of applicant for NRI seat)
is
my (Relationship with
dependent*) and I hereby sponsorhim / her for pursuing B. Tech course in
..... (Name of Branch) at
..... (Name of College).

(*an applicant who depends upon his/ her Father/ Mother/ Brothers and Sisters (inclusive
offirst cousins)/ Husband/Wife/ Brothers and Sisters (inclusive of first cousins) of Father or
Mother
/ Half Brother/ Half Sister/ Adopted Father or Adopted Mother working abroad.)

Signature:.....
Name:
Full Address of the Sponsor:
.....
.....
.....
.....

Place:
Date:



DOCUMENTS TO BE PRODUCED AT THE TIME OF ADMISSION

1. SSLC Certificate.
2. Proof of eligibility for NRI Seat.
3. Photocopies of relevant pages of SSLC to prove date of birth marks, etc.
4. Certificate of Pre Degree/ Plus Two/ VHSC or equivalent.
5. Transfer Certificate and Conduct Certificate.
6. Certificate of Physical Fitness.
7. Undertakings in the proforma.

For Office Use only

Remarks of Staff-in-Charge of admission :
Orders of Director/ Principal :
Details of fee collected :
Admission No :