

LBS INSTITUTE OF TECHNOLOGY FOR WOMEN, POOJAPPURA  
THIRUVANANTHAPURAM

QUOTATION NOTICE


No. P-1443/LBSITW/2025

Dated: 27.05.2025

Quotation Number	No. P-1443/LBSITW/2025
Due date and time for receipt of quotations	04.06.2025 11 AM
Date and time for opening of quotations	04.06.2025 12 NOON
Designation and address of officer to whom the quotation is to be addressed	PRINCIPAL LBSITW, POOJAPPURA, TRIVANDRUM.
Superscription: Quotation for Campus Management Software for LBS Institute of Technology For Women, Trivandrum.	

Sealed quotations are invited by the Principal, LBS Institute of Technology for Women, Poojappura, Thiruvananthapuram, Kerala; Pin-695012, for the Quotation for Campus Management Software at LBSITW, Poojappura.. as specified in the schedule attached below. The rates quoted should be for executing the repair and maintenance work along with materials as specified. The necessary superscription, due date for the receipt of quotations and the name and address of officer to whom the quotation is to be sent are noted above. Any quotation received after the time fixed on the due date is liable to be rejected. The maximum period required for the execution of the work should also be mentioned. The prices quoted should be inclusive of materials, labour, conveyance and all taxes/ charges etc.

Special conditions if any or printed on quotation notice will not be applicable to the contract unless they are expressly accepted in writing by the undersigned..

  
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Copy to:

- 1) College Website
- 2) Notice Board.

# Technical Specification

## Campus Management Software for LBS Institute of Technology For Women, Trivandrum.

The structure of the program shall involve several modules which will carry out different sets of academic functionalities. The program will have the following modules/functionalities.

### **User login System**

- The software needs to be designed to work in a **user specific** manner. **Management, Principal, HOD, Staff adviser, Students, Parents, Teaching staff, Course coordinators, Office staff, and Managements** have their **separate logins**(There will be a provision to provide additional logins according to the request of the college).
- For each login, the system will perform only the functionalities corresponding to that particular login.

### **User-Administrator- Features**

- The general features will include Course creation, Batch creation, Syllabus display, Student management, Staff management, Time table generation, Report generation including academic reports, facility to export to pdf, csv and word formats, Website administration and managements, SMS alerts, Emails, Internal messaging system, Campus news/bulletins issue, Exam schedules, Hall ticket generation, Exam results display, Parent interaction, ID card generation, Software login statistics, Graphical Analysis and Leave processing.
- It will be able to facilitate suspension of classes and periods, display attendance defaulters and Software user login statistics.

### **User- Faculty – Features**

- Features such as attendance marking, academic Statistics Graphical Analysis, Student remarks, Parent interaction, Exam calendar, Exam scheduler, Exam Results, Internal marks, Evaluations, Digital Notice board, Remarks, Reviews, Time table, Calendar notifications, Performance comparison, Question bank, Question paper preparation, Assignments and Report generation, Study Materials, Subject Coverage, Subject Plan, Subject Syllabus, Subject Year Calendar, Course Diary creation, Substitutions, Special Class creation, SMS alerts, Internal messaging system and Emails will be available.

### **User- Student – Features**

- Such features such include Attendance details, Exam Results, Study materials, Student activity corner, Calendar notifications, Home works, Question bank, Syllabus, News and events, Remarks, Reviews, Internal assessments, SMS alerts, Internal messaging system and Emails.

### **User- Parent – Features**

- Attendance details, Student leave applying control, Exam Results, Study materials, Student activity corner, Calendar notifications, Home works, Question bank, Syllabus, News and events, Remarks, Reviews, Internal assessments, SMS alerts, Internal messaging system and Emails will be available in this module.

**Student Admission Module:**

- Student online registration, Verification, Batch assigning, Admitting (admission no generation using desired criteria), Approval, Document submission and Report generation will be available in this mode.

**Grievance Redressal Module:**

- Grievance type, Grievances, Monthly report, Staff allocation with respect of grievance type, tracking status of grievances and customization as per institute requirements.

**Analysis Module:**

- Academic analysis, Batch analysis, Department analysis, Exam wise analysis, Student wise analysis, All Department wise analysis etc.

**Survey Module:**

- Faculty Feedback Surveys- Add surveys for students to review teacher performance of each semester subjects, Score calculation using desired formula, Resulting publishing, Result export as pdf.
- General Surveys- Add surveys for students, parents and faculties
- Course Exit Survey, Program exit survey etc.

**Communications Methods:**

- There will be a facility for SMS Alert System, Email integration, Circular, Digital Notice board, internal messaging system and Push notification.

**University Exam**

- Exam Creation (Regular/ supplementary), University Mark list Bulk Uploading (pdf or excel), Integrated with Attainment calculation etc.

**User- Placement Coordinator – Features**

- Placement coordinator will be able to sort students according to internal mark filters, university mark filters, backlogs, number of attempts to pass, total attempts, Student profile generation, Campus Drive details, Student Report Generation.

**User- Alumni – Features**

- TC issued students automatically become the member of Alumni module. Alumni coordinator will be able to coordinate alumni related details like job opportunities for students, alumni member portal, online forum for students, virtual personality development sessions, social media engagement activities, fundraising management etc.

**NAAC Accreditation Module:**

This module will be able to generate the following reports

- Faculty Reports- Academic year wise/Departmentwise report generation of faculty researches, publications, programs coordinated, programs attended, seminars guided, projects guided, consultancies, positions held etc.
- College Academic Report- Report generation based on filters (passed/not passed students, course, batch, semester, subject, total attempts to pass, total backlogs, current backlogs, internal mark %, university mark %, total mark % etc.).
- Student Academic Report- Report generation semester-wise and subject-wise based on filters (passed/not passed, total attempts to pass, internal mark %, university mark %, total mark % etc.)

**NBA Module:**

- Institute Program Outcomes (Admin Role), Department PEOs and PSOs (HOD Role), CO attainment (Subject teacher), CO Based Questions, CO Based Module Test, CO Based Tutorials, CO Based Surveys, CO Based Series Exam Mark adding, correspondence with Cos (CO1,CO2,CO3 etc.), Question Bank creation option (according to Bloom's Taxonomy), CO Based Assignments, Question Paper creation option from question bank, Mark Entry, Cut off criteria Settings, Bench Mark Settings, Internal/ External Attainment Calculation, CO attainment calculation, CO-PO Mapping, Direct Attainment, Course PO attainment and SAR Generation

**Campus Management Software Mobile Applications:****Functionalities:**

- Android and iOS Mobile Application
- Android and iOS Mobile application will be native in nature
- Mobile application will be available in Play Store and App Store

**Teaching Staff Mobile Application Features**

- Features such as attendance marking, Online classroom, Video Lectures, Course outcome entry, academic Statistics Graphical Analysis, Student remarks, Parent interaction, Exam calendar, Exam scheduler, Exam Results, Digital Notice board, Remarks, Reviews, Time table, Calendar notifications, Question bank, Assignments and Report generation, Study Materials, Subject Coverage, Subject Plan, Subject Syllabus, Series Exam, Assignment, Substitutions, Special Class creation, SMS alerts, Internal messaging system and Emails should be available.

**Student Mobile Application Features**

- Such features such include Attendance details, Online classroom, Video Lectures, Exam Results, Study materials, Student activity corner, Calendar notifications, Series exam, Assignment, Semester registration, Home works, Question bank, Syllabus, News and events, Remarks, Reviews, Internal assessments, SMS alerts, Internal messaging system and Emails.

**Parent Mobile Application Features**

- Attendance details, Student leave applying control, Exam Results, Study materials, Student activity corner, Series exam, Assignment, Online classroom, Video Lectures, Calendar notifications, home works, Question bank, Syllabus, News and events, Remarks, Reviews, Internal assessments, SMS alerts and Internal messaging system.

**Academic Fee Management – Features**

- Dues Integration, defaulters report, SMS and Email Interaction, receipt printing and Activity Log.

**Hostel Management - Features:**

- Web based Admin Section control panel, Master module to Create /modify Hostels, Dues integration, Fully responsive (compatible to all hand devices with iOS, Android and Windows), administration area secured with a username and password defined during installation, SMS and Email Integration and Receipt printing.

**Transport Fee Management – Features**

- Dues Integration, defaulters report, SMS and Email Interaction, receipt printing and activity Log.

**Document Request Module:**

- Students are able to request for different types of certificates like TC, Course Certificate, expense certificate, Bonafide certificate etc. Staff advisor verification, HoD approval and authorized authority to provide the certificate.

**Semester Registration Module:**

- Student online registration, Verification through staff advisor and approval from HoD. All type of reports like applied/verified/rejected/revoked/approved status. Due clearance section available here. Direct approval and hierarchy level semester registrations are available.

**User- Due Management – Features**

- All type of due system like department, library, fee, hostel, lab, placement etc. Easy access to view dues to the students, online payment gateway integrated due clearance system, automated no due certificates, different type of custom reports etc.

**Internship Management– Features:**

- Students are able to apply for internship, staff advisor verification and issuing certificate for submitting to the company. Company internship certificate upload option for student and custom reports.

**Staff Career Management:**

- Vacancy creation for new posts, online application for users, sorting system according to the vacancy, report generation, active and inactive vacancy lists, payment integration system etc.

**Counseling Module:**

- Counseling types, Requests, Monthly report, Staff allocation with respect of counseling type, tracking status of counseling and customization as per institute requirements.

**Institute Ticketing Module:**

- Institute inside ticketing system for Staffs, Students and parents, tracking tickets with different status, ticket assigning to staffs and custom reports.

  
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