



SRI KRISHNADEVARAYA UNIVERSITY

Ananthapuramu – 515 003, Andhra Pradesh, India

CENTRAL STORES & MAINTENANCE SECTION

Website Tender/Web App Dev/2025

Dated: 18-12-2025.

WEB APPLICATION DEVELOPMENT

The University inviting sealed quotations for Web Application Development to IQAC, S.K.University. The Full Specification details copy enclosed.

Terms & Conditions:

1. The rates quoted by the quotationer shall undertake to Web Application Development from the date of approval of the lowest rates.
2. The quotation shall reach to this office by **Registered Post** only within the specified date and any postal delay will not be entertained.
3. The quotationer shall submit the quotation on the original letter head of the firm and also quote GST No. and those who have not registered GST need not to send their quotation.
4. **Only Local Ananthapuramu town firm can eligible.**
5. The sealed cover should be superscribe on the top of the Cover **Web Application Develop** in the name of the Registrar, S.K. University, Ananthapuramu, 515003.
6. The last date for receipt of quotation is fixed on **03-01-2026**.
7. The tenders will be opened on the same day at **3.30 pm** and send your representative to present at the time of opening in the regard.
8. The University will reserve its right to reject any or all tenders or to accept any tender wholly or partially according to the lowest price and quality.

REGISTRAR FAC

Registrar
Sri Krishnadevaraya University
ANANTAPUR - 515 003

TENDER SPECIFICATION DOCUMENT

For Development of Mobile-Responsive Web Application

Sri Krishnadevaraya University, Ananthapuramu

PROJECT OVERVIEW

Item	Details
Title	Development of a Mobile-Responsive Web Application integrated with the SKU website
Objective	Centralized platform for collecting, analyzing, and reporting feedback from Students, Teachers, Alumni, Employers, Parents, and other stakeholders, aligned with NAAC standards
Timeline	4 weeks (Design, Development, Testing, and Initial Deployment)
Post-Deployment Support	Minimum 3 years (included in project cost) — maintenance, updates, and technical assistance
Platform Type	Mobile-Responsive Web Application
Integration Point	Embedded within the official SKU website under IQAC

PURPOSE & SCOPE

The platform will support structured feedback collection and analysis from:

- Students (on faculty and infrastructure)
- Teachers
- Alumni
- Employers
- Parents
- Community representatives and other stakeholders

It will aid institutional planning, quality assurance, and continuous improvement in alignment with NAAC and UGC guidelines.

FUNCTIONAL REQUIREMENTS

A. Feedback Collection

- Dynamic questionnaire builder per stakeholder group
- Role-based access control
- Anonymous and authenticated submission options
- Mobile-first interface in English

B. Data Processing & Analysis

- Real-time response aggregation
- Per-question and per-respondent analytics
- Sentiment analysis for open-ended responses
- Exportable reports (Excel, CSV, PDF)
- Batch-wise and department-wise filtering

C. Visualization & Reporting

- Dashboards for Admins and Department Heads
- Heatmaps, bar charts, and trend lines
- Executive summary generator
- Alerts for low-performing areas

D. Administration & Workflow

- User management (add/edit/delete roles)
- Feedback campaign scheduler
- Audit trails and activity logs
- Data backup and recovery

SECURITY & COMPLIANCE

- SSL encryption
- Role-based access control (RBAC)
- Data anonymization for sensitive feedback
- Compliance with NAAC and UGC guidelines
- Secure API integration with SKU systems

INTEGRATION REQUIREMENTS

A. SKU Website Integration

- Single Sign-On (SSO) using SKU credentials
- Embedded access point under IQAC section
- API hooks for ERP/MIS data exchange
- CMS compatibility (WordPress, Drupal, or custom SKU CMS)

B. Infrastructure Feedback Routing

- Routing of infrastructure-related feedback to Central Stores & Maintenance
- Maintenance request triggering based on feedback
- Asset mapping (e.g., classrooms, labs, hostels)

TECHNICAL SPECIFICATIONS

Feature	Specification
Frontend	HTML5, CSS3, JavaScript (React or Angular)
Backend	Node.js / Python (Django or Flask)
Database	PostgreSQL / MySQL
Hosting	SKU internal server or secure cloud (Azure preferred)
APIs	RESTful APIs
Authentication	OAuth 2.0 / JWT
Analytics	Power BI or Chart.js integration

DEVELOPMENT TIMELINE (4 Weeks)

Phase	Week	Deliverables
Requirement Analysis	Week 1	Finalized specifications, stakeholder interviews
UI/UX Design	Week 2	Wireframes, interactive prototypes
Development & Testing	Week 3	Functional modules, backend integration, UAT
Deployment & Training	Week 4	Live deployment, admin training

DOCUMENTATION & SUPPORT

Documentation

- User manuals for each stakeholder group
- Admin configuration guide
- API documentation
- Maintenance plan (monthly updates, bug fixes)

3-Year Comprehensive Support (Included)

- Unlimited content updates and enhancements
- 24/7 technical support via Call, WhatsApp, and Email
- Free bug fixes, security monitoring, and performance optimization
- Regular backups and system health checks

Note: Bidders must ensure cross-browser and cross-device compatibility, deployment on SKU's server or via managed hosting, and three years of free support for updates and minor enhancements.

BIDDER QUALIFICATION

- Proven experience in mobile and web application development
- Portfolio of similar projects for universities/educational institutions
- Familiarity with NAAC compliance and reporting standards
- Certified development and project management personnel
- Preference for support team presence in or near Andhra Pradesh

SUBMISSION DETAILS

- **Last Date for Bid Submission:** [To be specified]
- **Technical Queries Contact:** Director, IQAC, Sri Krishnadevaraya University, Anantapuramu
- **Submission Address:** The Registrar, Sri Krishnadevaraya University, Anantapuramu

Prepared by

Office of the Internal Quality Assurance Cell (IQAC)
Sri Krishnadevaraya University
Anantapur – 515003,
Andhra Pradesh
Date: 04.11.2025

