

## **Annexure 1: Functional Requirements**

- 1. Student's Complete Life Cycle Management**
  - 1.1. Pre-Admission – batch creation of new students, Documents upload by the applicant
  - 1.2. Admission Management – Status Management, Document Verification
  - 1.3. Student Profile Management
  - 1.4. Student Financials: Payment gateway integration
  - 1.5. Certificate Management - Bonafede, Character, Event Participation, Rank Holder etc.
  - 1.6. Self Service Portal for Students
  - 1.7. Training and Placement Cell Management
  
- 2. Academic Management**
  - 2.1. Creation of departments, programs, and courses
  - 2.2. Learning Pathway/Curriculum Management
  - 2.3. Choice-based Credit System
  - 2.4. Class Scheduling and integration with Calendar system
  - 2.5. Attendance Management
  - 2.6. Teaching Learning Feedback Management
  
- 3. Learning Management (for On-campus Students)**
  - 3.1. Lesson Plans (In class, Live Online & Pre-recorded) – option to automate Hybrid, Flipped learning
  - 3.2. Assignment Management
  - 3.3. Quizzes with Question Bank
  - 3.4. Discussion Forum
  
- 4. Examination Management**
  - 4.1. Evaluation Schema
  - 4.2. Grading Schema (Absolute, Relative)
  - 4.3. Exam Enrolments with Eligibility Criteria setting
  - 4.4. Exam Conduction (Hall ticket, schedule, attendance)
  - 4.5. Question Paper setting
  - 4.6. Evaluation Management: Batch Uploads if required
  - 4.7. Make-up & Re-exam Management
  - 4.8. Grade sheet & Transcript Generation
  
- 5. Fee and Other Payments Management**
  - 5.1. Program-wise Fee Set-up with Demand Generation
  - 5.2. Online and Offline Fee Collection
  - 5.3. Scholarship Management
  - 5.4. Penalty Management
  - 5.5. Refund Management
  - 5.6. No Dues Management
  - 5.7. Integration with Accounting System

**6. Residence Management**

- 6.1. Hostel Allocation
- 6.2. Hostel Administration Management: Warden, Hostel Leader, Floor Leader
- 6.3. Hostel Facilities Management

**7. Others**

- 7.1. Accreditation Management – NAAC, NIRF
- 7.2. Clubs, Chapter & Societies Management
- 7.3. Health Centre Management
- 7.4. Parent Management with separate log-in for App
- 7.5. E-Notice and Campus Communication Management
- 7.6. User Interface – Website and Mobile Application (Android and iOS)