Criteria 6.2.3: Implementation of e-governance in areas of operation

Enterprise Resource Planning (ERP) Document

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Product Brief

Company Name : **HERAIZEN TECHNOLOGIES PRIVATE LIMITED**

Product Name : **Dhi**

HER▲IZEN
TRANSFORM, TRANSCEND

dhi: Digital Transformation Suite for the Education Domain

Administration Automation

High level Features:
- ❏ Profile Management (with digital repository of employee/student records incl. IDs)
- ❏ Admission
    - • On-line Admission
- ❏ Fee Collection & Tracking
- ❏ Leave Management
- ❏ Faculty Appraisal Management (Goal setting, 360o appraisal incl. self-appraisal, AGP)
- ❏ Open Notice Board – Department, College
- ❏ Grievance Redressal Management
- ❏ HR Management

dhi: Digital Transformation Suite for the Education Domain

Academics Automation

High level Features:
- ❑ Time-table (with Upload & Generation options)
- ❑ Attendance (incl. Biometric integration)
- ❑ Calendar of Events
- ❑ Lesson Plan (incl. generation)
- ❑ Internal Assessment
- ❑ University Exam Results & Analysis
- ❑ Co-curricular Activities
- ❑ Feedback (Course, Exit, Annual, Parents, Employee, Employer, Anonymous, …)
- ❑ Placement
- ❑ Faculty Information System
- ❑ Student Information System

dhi: Digital Transformation Suite for the Education Domain

Anytime Accreditation Readiness

The platform provides a unique implementation of real-time accreditation readiness for:
- ❏ Outcome Based Education (NBA)
- ❏ NAAC

CEO, Principal, Vice Principal, Dean of Academics

- Login (Desktop, Mobile)

- Time table

  - Verify Class time table for all semesters across departments

  - Verify Calendar of events

- Approvals (Only for Principal)

  - Approve

    a) Leaves

- Tracking

  - View various reports to track all work pertaining across departments

  - View Classes that are not engaged across departments

  - View Attendance marking compliance across departments

  - View faculty on leave across departments

  - View students with attendance shortage across departments

  - View faculty demography across departments

  - View Internal assessment and University exam scores

  - View lagging courses

  - View counselling details

  - View Calendar of events

- Student feedback

  - View feedback for all faculties across departments

- SMR

  - View Student Master Record (SMR)

- Notice

  - Publish college level notices

  - View Notices

- Notifications

  - View notifications

- My profile

  - Update My Profile

HOD

- Login (Desktop, Mobile)

- Time table

  - Verify Class time table for all semesters in the department

  - Verify Calendar of events

- Approvals

  - Approve

    a) Lesson plan

    b) Lab experiments

    c) CO-PO /CO- PSO mapping

    d) Leaves

    e) IA Question paper

- Tracking

  - View various reports to track all work pertaining to a department

  - View Classes that are not engaged

  - View Attendance marking compliance in the department

  - View faculty on leave

  - View students with attendance shortage in the department

  - View Lesson Plan, CO-PO Mapping and Question Paper status

  - View faculty demography

  - View Internal assessment and University exam scores

  - View lagging courses

  - View counselling details

  - View Calendar of events

  - View Notices

- Student feedback

  - View feedback for all faculties in your department

- SMR

  - View Student Master Record (SMR)

- Notice

  - Publish department level notices

- Counselling

  - Allocate students to faculties for counseling

- Notifications

  - View notifications

- My profile

  - Update My Profile

Faculty

- Login (Desktop, Mobile)
- Time table
  - Verify Class time table
  - Verify Calendar of events
- Lesson plan
  - Create/modify Lesson plan
  - Submit Lesson plan
  - Approve Lesson plan (HOD)
  - Execute Lesson plan (web and mobile)
  - Generate pdf version of Lesson plan
- CO-PO / CO-PSO mapping
  - Perform CO-PO /CO- PSO mapping
  - Submit CO-PO/CO-PSO mapping
  - Approve CO-PSO mapping (HOD)
- Experiment list
  - Submit experiment list for lab subjects
  - Approve experiment list (HOD)
- Attendance
  - Mark attendance (web and mobile)
  - View attendance (web and mobile)

- SMR
  - View Student Master Record (SMR)
- Class transfer
  - Perform Class Transfer
- Leave
  - Apply for leave
  - Approve Leave (HOD)
- My profile
  - Update My Profile
- IA Question paper, Tabulation, Lab score
  - Verify IA time table/update lab IA time table
  - Set IA Question Paper
  - View Question Paper
  - Generate pdf version of the question paper
  - Tabulate IA marks; generate reports
  - Update daily lab score
  - Tabulate lab IA marks
- Notifications
  - View notifications

Student

- Login (Desktop, Mobile)
- Enrollment
    - Enroll for the courses
- Time table
    - View class time table
    - View calendar of events
- Attendance
    - View attendance
- Lesson plan
    - View lesson plan for all subjects
- Notice
    - View notices
- IA, UE score
    - View internal assessment score
    - View University exam score

- Feedback
    - Provide course-wise feedback for faculty members
- Notifications
    - View notifications
- My profile
    - Update My Profile

Parent

- Login (Desktop, Mobile)
- Time table
  - View class time table
  - View calendar of events
- Attendance
  - View attendance
- Lesson plan
  - View lesson plan for all subjects
- Notice
  - View notices
- IA, UE score
  - View internal assessment score
  - View University exam score
- Notifications
  - View notifications

- SMR
  - View Student Master Record

Finance and Accounts

- Login (Desktop)

- Upload Master fee template

- Generate Fee templates

- Collect Admission fee

- Collect Term fee

- View fee tracking reports

Student Admission, Support and Examination

- Login (Desktop)

- College details, Degrees, Departments, Schemes
  - Update college details
  - Create/Add degrees
  - Create/Add departments for the created degrees
  - Create/Update scheme details for the created degrees

- Academic calendar, College timings, Calendar of events, Holiday calendar
  - Update academic calendar for the created degrees
  - Update college timings
  - Upload college calendar of events
  - Upload holiday calendar

- Internal assessment, Other assessments
  - Configure :
    - a) Internal assessment
    - b) Other assessment
    - c) Attendance

- Employee, Student details
  - Upload / Add / Update employee details
  - Upload / Add / Update student details

- Student feedback
  - Create/Update feedback template

- Cycle assignment
  - Configure Physics , Chemistry cycle assignment for students of 1st year BE degree

- Leave management
  - Update leave configuration (Set rules for various leave categories for each user type)
  - View leave details for all employees
  - View /Generate monthly leave report

- Notice
  - Create notices to be published at the college level

- Committees
  - Create Committees

- Counselling
  - Configure frequency of Counselling sessions

- Notifications
  - View notifications

Student Admission, Support and Examination

- Login (Desktop)

- Time table

  o Upload/Update Class time table

  o Upload/Update IA time table

  o Upload/Update UE time table

  o Upload/Update Calendar of events

- Employee, Student information

  o Upload / Add / Update Employee information

  o Upload / Add / Update Student information

- Section, Batch

  o Create or update student sections

  o Create or update student lab batches

- Lab score, Lab time table

  o Configure
     a) Daily lab score
     b) Lab other assessment
     c) Lab internal assessment

  o Include lab internals timetable in IA time table

- Notice

  o Create notices to be published at the department level

- Notifications

  o View notifications

Dhi: High level features

Academics Automation	Accreditation Readiness	Administration Automation	Examination Automation	Learning Management System	Platform Specific Features

•Timetable
  ➤Automatic generation of Timetable
•Attendance
•Calendar of Events
•Lesson Plan
  ➤Automatic generation of Lesson plan
•Internal Assessment, Assignment
•University Exam Results & Analysis
•Project
•Co-curricular Activities
• Feedback
•Faculty Appraisal Management System
•Placement
•Faculty Information System
•Student Information System
•Board of Studies & Syllabus Management System
•My Profile
•Counselling
•Virtual classroom (Integrated with Online meeting software)
•Analytics (descriptive & prescriptive)
	•Outcome Based Education (NBA)
	  ➤Readiness check drilldown dashboard
	  ➤SAR generation
	  ➤OBE workflow
	•NAAC
	  ➤Readiness check drilldown dashboard
	  ➤SSR generation
		•Pre-admission
		•Admission
		  ➤On-line Admission
		•Fee Collection & Tracking (Integrated with Payment Gateway)
		•HR Management System
		  ➤Testimonials repository
		  ➤Goal sheets
		  ➤AGP
		  ➤Faculty Appraisal Management System
		  ➤Payroll
		•Financial Management
		  ➤Revenue
		  ➤Expenses
		  ➤Offline Tally Integration
		•Leave Management System
		•Hostel Management System
		•Open Notice Board
		•Grievance management system
		•Alumni portal
			•Exam Eligibility & Registration
			•Hall-ticket Generation
			•Question Paper Setting
			•Seating Arrangement
			•Invigilator Allocation
			•Question Paper/Answer Script Coding & Packeting
			•Remote Examination & Monitoring (Integrated with Online meeting software)
			•Evaluation & Tabulation
			•Results Publishing
			•Marks Card Generation
			•Analytics (descriptive & prescriptive)
				•Online MCQ tests & evaluation
				•Question Bank
				•Notes sharing
				•Hosting of online courses (recorded sessions)
				•Analytics (descriptive & prescriptive)
					•Hosted on Private Cloud
					•Very high levels of Security
					•Mobile Smart Apps on Android, iOS with automatic notifications
					•SMS, Email integrations
					•Data Analytics
					•Separate logins / dashboards for all roles (Management, Principal, Dean, HoDs, Administrative Department Heads, Placement Officer, Faculty, Parent, Student, Alumni, Other Admin roles)
					•Drill-down Dashboards
					•Very high & accurate customization based on specific needs of the College