

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

### **Enterprise Resource Planning (ERP) Document**

#### **Documents uploaded**

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# Product Brief

Company Name : **HERAIZEN TECHNOLOGIES PRIVATE LIMITED**

Product Name : **Dhi**

  
Principal  
Mangalore Institute of Technology & Engineering  
Badaga Mijar, MOODBIDRI - 574 225

**HERAIZEN™**  
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 1<sup>st</sup> 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
  - Upload/Update Class time table
  - Upload/Update IA time table
  - Upload/Update UE time table
  - Upload/Update Calendar of events
- Employee, Student information
  - Upload / Add / Update Employee information
  - Upload / Add / Update Student information
- Section, Batch
  - Create or update student sections
  - Create or update student lab batches
- Lab score, Lab time table
  - Configure
    - a) Daily lab score
    - b) Lab other assessment
    - c) Lab internal assessment
  - Include lab internals timetable in IA time table
- Notice
  - Create notices to be published at the department level
- Notifications
  - View notifications

# Dhi: High level features

## Academics Automation

- 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)

## Accreditation Readiness

- Outcome Based Education (NBA)
  - Readiness check drilldown dashboard
  - SAR generation
  - OBE workflow
- NAAC
  - Readiness check drilldown dashboard
  - SSR generation

## Administration Automation

- 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

## Examination Automation

- 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)

## Learning Management System

- Online MCQ tests & evaluation
- Question Bank
- Notes sharing
- Hosting of online courses (recorded sessions)
- Analytics (descriptive & prescriptive)

## Platform Specific Features

- 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