Product Factsheet
Laudea

Laudea is a complete end-to-end solution, built to cater to the needs of all stakeholders involved in Higher Educational Institutions.

**Why Laudea**

An efficiently modularized and integrated solution carved out from more than 70 years of academic excellence and engineered with the latest technology stack and Software Engineering best practices.

Conceptualized and nurtured by leading experts in the respective functions with more than 25 years of prolific academic and administrative experience.

Automation of wide range of functions encompassing the complete set of activities carried out in a typical Higher Education Institution right from applications & admissions to convocation.

An extensive product road map to bring out continuous improvement and optimizations to overall processes as well as adapt to changing paradigms in regulatory and reporting norms, ranking and accreditation, technology advancements and an evolving / ever-changing ways of user interactions.

An assurance for life time in terms of compassion to bring laurels to the institution, patience and promptness in support, reliability in the quality of the Software, a passion for excellence in the thought process and innovations.
Top Benefits of Laudea

Improved productivity of Faculty and Students.

Robust and efficient tracking of syllabus versions across each batch.

Consistency of data and fool-proof authorized access to data manipulation, processing and retrieval

Transparent and well-defined process automation across functions

Timely and accurate reporting at various levels for Department, IQAC and Senior Managements functions.

Integrated reports for accreditation and ranking bodies like NAAC, NIRF.

An integrated website to showcase every single aspect of the institution

Product Highlights

Adaptable
Designed to fit the needs of HEIs of any size

Flexible Deployment
On-cloud or in-premise – You decide!

Intuitive
User Experience Engineered exclusively for Academic audience

Mobile-first
Responsively designed with a mobile audience in mind
Key Modules
of Laudea
Module Highlights

you get a flexible system to move your institution forward.

Admissions

» Online Application portal with configurable program specific eligibility criteria along with Search Engine Optimization and Google Analytics
» Paperless registration of manual application forms
» Fine-grained control over allocation of sanctioned seats in each program to various categories with configurable ranking and selection criteria for each category
» Automation of all possible scenarios during admissions like section transfer, program transfer, dropouts at different stages of admissions
» Drill-through dashboards on online and offline application sales, registrations, enrollments and fees collection
» Publishing of Selection Lists, Waiting Lists and Call for Lists and instant notifications to applicants through Email and SMS
» Real-time vacancy positions across all programs while admissions is in progress
» Comprehensive set of reports as formulated by universities and accreditation / ranking organizations
Students

» Multi-faceted students profile management capturing vital information – personal, academic, curricular, extra-curricular achievements, research, skills, placement, higher studies – along with an integrated resume builder
» Fool-proof Student Lifecycle Management integrated with other modules
» Automation of availing all student services – bona fide, address proof, fees statement, transcript
» Single place for payment of all fees – tuition, exam, hostel, add-on programs - online
» View daily Attendance, Exam timetable, seating arrangement, hall ticket, results, revaluation requests, mark sheet for each academic term
» Access all events and event photo gallery along with event registration
» Browse daily class notes, homework as uploaded by faculty
» Timely notification and messaging system
» Real-time vacancy positions across all programs while admissions is in progress
» Comprehensive set of reports as formulated by universities and accreditation / ranking organizations

Faculty

» Multi-faceted faculty profile management capturing vital information – personal, academic, curricular, extra-curricular achievements, research, skills, publications – along with an integrated resume builder
» Fool-proof Faculty Lifecycle Management integrated with other modules
» Automation of availing all faculty services – leave application, on-duty / travel requests, reimbursement requests, employment certificate, pay slip requests
» View daily Attendance, Exam timetable, seating arrangement, hall ticket, results, revaluation requests, mark sheet for each academic term
» Access all events and event photo gallery along with event registration
» Timely notification and messaging system for announcements, meeting requests
» Comprehensive set of reports as formulated by universities and accreditation / ranking organizations
Curriculum

» Program scheme and syllabus design with complete process automation – Board of Studies, Standing Committee, Academic Council until it lands up with Controller of Examination for all academic activities
» Tracking changes to scheme and syllabus across individual program batches and regulations
» Generate Syllabus book and regulation reports automatically from the system
» Manage academic lifecycle – right from creating academic calendar and assigning workloads up to course delivery, monitoring and review
» Create and manage workloads, class timetable, faculty timetable, class attendance, CA marks entry, CE Time table and CE Seating
» Choice Based Credit System with flexible registrations to courses by students
» Create Program and Course-level Outcomes, define various levels of attainment and measure against targets. Map course-level outcomes to course objectives and/or to specific tests, assignments, activities and exams.
» Highly flexible student attendance management handling all practical scenarios that arise in higher education institutions – call-off with / without handover to another faculty, substitute, multi-batch classes
» Customizable Continuous (Internal) Assessment templates, CA time table, mark entry and automatic calculation (weighted average) of Internal Marks derived from individual components
» Attendance notifications to students and parents
» Generate reports on CA Mark, CE Seating, Faculty Attendance, Weekly Attendance, Monthly Attendance, Semester Attendance

Events

» Schedule Co-curricular and Extra-curricular events for any group in the organization hierarchy with banner image, agenda, resource persons, invitees
» Manage registrations to events along with payments if any
» Browse events under different category, time lines and groups
» Automatic publishing of events to website and public events page on Approval
» Automatic update of students and faculty profile based on the role played by them in each event
Placements & Internships

» Detailed and live Company database along with contact information
» Create Placement schedule along with offer information, eligibility criteria, assessment processes / stages, Excel template to populate candidates list
» Opt-in / Opt-out Process automation: Email notification for eligible candidates to get Opt-in or Opt-out confirmation => Create final participants list => Update selection status across assessment stages
» Diverse set of reports presenting various performance indicators of placements from different perspectives – students, company, branch, industry, compensation
» Enable students to upload feedback, offer letter
» Schedule placement events like training, meet-ups, mock interviews, practice sessions
» Integrate with Attendance Management for exemptions

Exams

» Maintain repository of schemes, syllabus, enrollments, marks, exam results across all batches and for each academic term
» Automatic calculation of Exam Fees based on student selection and pricing rules defined for each paper
» Collect and track exam fees online from individual student along with concession rules, if any, for the student
» Create and publish practical and theory exam time table both for regular and supplementary
» Generate Fees Statement Report, Course Strength Report, Seat Allocation, Hall Statement with invigilator listing, attendance sheet
» Publish hall ticket and seating plan for students
» Maintain repository of external examiners and send automatic invitation letters
Fees

» Maintain Fee Component Master identifying every component that is billable to student and the account it is mapped to
» Configure various fee templates grouping fee components under different sections to represent the fees structure
» Create and Publish fees from fee template to target set of students along with fee due date, penalty, concession rules, online or manual or both fee payment modes
» Track transactions and settlement against each account or fee component
» Reconcile online settlements with transactions in bank statement
» Dashboard showing fees collected under various accounts from various categories of students in different timelines
» Automatic notifications to defaulters and alerts to Admin and concerned team on defaulters
» Create and maintain concession rules

Hostels

» Hostel and Room master
» Automate Request / Reserve - Allot rooms workflow
» Track availability of rooms across hostels
» Setup hostel fees and enable online payment by students
» Import individual mess expenses, calculate and publish mess bill for each student
» Publish Mess menu, get feedback, log and track food wastage
» Hostel attendance, Biometric integration, notification to parents
» Schedule and conduct hostel events, event registration and ticketing, photo gallery, event summary
Alumni

» Central Alumni Database and alumni groups
» Periodic News Letter to registered members through the system to various alumni groups
» Maintain Alumni Chapters, sign-up for Alumni Chapter memberships, organize meetups / events within a chapter
» Manage Alumni events and activities
» Plan and track fund-raising projects and donations
» Maintain list of Alumni scholarships and track beneficiaries
» Job portal, Advertisements of Alumni Entrepreneurs about their products and services

Collaboration

» Communication
  Share posts (news, announcements, individual messages) with any group or set of individuals in the institution
» Calendar
  Check availability and schedule meeting with any group or set of individuals in the institution
» Feedback
  Compile customized feedback questionnaire for different purposes, choose target audience (students, faculty or both) and publish feedback
» Online submission of feedback form
» Track and report feedback entry status to owners of respective feedback
» Analysis of feedback responses under different sections or individual items
» Automatic creation of feedback summary report
**Assets**

» Maintain Ledger of Asset Accounts, create and track asset budget for each department
» Comprehensive asset register under different accounts with all details required to search, track and report
» Effectively manage the life time of assets with scheduled and unplanned maintenance
» Asset valuation along with different methods of depreciation
» Automation of new asset request and approval process
» Detailed reports on various assets with different perspectives – accounts, department, time period, category

**Projects**

» Central database for all Sponsored Research and Consultancy projects
» Plan and track budgeted cost, time and scope of project in multiple phases
» Log of all received grants and track utilization of funds
» Repository of all project artifacts
» Track involvement of individual members (Student and faculty) and their roles in the project
Stay Connected - Anywhere & Anytime!

Individual Apps for Students and Faculty

Students and faculty are no longer confined to the classrooms and campus to access, edit and save academic data.
Student Mobile App

- Initiate and track certificate requests
- Check daily timetable and attendance
- View and pay all outstanding fees
- View Exam timetable, hall ticket, seating plan, results
- Instant access to announcement, news
- Browse events, daily class notes
- View list of placement companies and opt-in or opt-out for participation
- Submit feedback
- Maintain profile information

Faculty Mobile App

- Take class attendance
- Manage faculty timetable – call-off / substitute classes
- Leave and on-duty requests
- Travel and reimbursement requests
- Instant access to announcement, news and notifications
- Browse events
- Enter daily class notes
- Submit feedback
- Maintain profile information
Technology Highlights
Open Source and MEAN

- Loosely coupled, yet integrated set of microservices
- Built on proven open source technologies
- Continuous delivery automation for rapid deployment and upgrades
- API & Messaging based integration
- Extensible to develop custom apps on top of Laudea API

Responsive Web Application
About PSG Software Technologies

01

A Software Product Development organization that is Relevant to the market, Reliable in Engineering and Sustainable in Operations.

02

Our core competence is to build hybrid, platform agnostic, distributed, yet integrated, scalable and extensible enterprise class web and mobile applications leveraging prominent and proven open source technologies offering transactional, Business Intelligence, Data Analytics, and Artificial Intelligence to the underlying problem domain with an intriguing User Experience.

03

We leverage cross-disciplinary expertise available across several PSG Institutions to create required domain expertise, fine-tune user experience, model and automate organization processes.