



R. N. Technologies Pvt. Ltd

One stop all solution



OSAP (Online Students Admission Portal)

Key Features

- Online Admission
- Fee Collection & Management
- Payment Gateway
- Firewall & ESSL Security
- Oracle Database & PHP Platforms
- SMS OTP & Transactional & Email
- Cloud Based Server
- 24x7 Backup & Recovery

**Zero %
Investment**

Complete CMS Cloud Based ERP Solutions

Er. S. M. Neyaz

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Cloud Based ERP OSAP

The R. N. Technologies Pvt. Ltd. company has travel a long journey of nearly 15 years and has distinguishing remarks in the area of Software and accreditation of various Universities and Colleges of the Bihar and others states. R. N. Technologies College Management System (CMS) is an end-to-end solution for colleges/University to improve operational efficiency & institutional outcomes by automating Student-Faculty lifecycle and campus administration. Hosted on cloud, this college ERP helps educators to streamline all the core activities with the latest technology stack such as biometrics, business intelligence tools & analytics dashboard that generates precise reports on Online Admission **OSAP** (Online Students Admission Portal), enrolment, scholarship, previous academic record, domicile, fees, alerts, attendance and compliance management.

R. N. Technologies College ERP has 15+ pro modules and 30+ inbuilt modules. This software is designed keeping in mind the different operations of a college. Our team understands that for any college/university to function their administrative processes plausibly, should and must opt for a **Cloud Based ERP OSAP**, for the following reasons -

- Manual work reduces considerably
- Operations of Academic and Non-Academic department get in-synched
- Generates reports/ receipts/ drafts for all modules
- Data stays secure
- Affordable Customization
- Modern Web Technologies
- Reasonably priced
- 24x7 online and offline support

OSAP (Online Students Admission Portal)

In the current era and scenario of ICT during Covid19, why should someone go offline to fill & submit the admission form for college?

By taking advantage of information technology things are available in a few clicks and the process from applicant to the student is not an exception for the same. OSAP ERP has a complete College management System solution from online application form submission to become a student of a specific institute including online payment, query management, a dashboard to know types of applicants, merit list generation, counselling, final selection, etc.

Cloud Based ERP OSAP

To automate and to make ease out of it to end users, it is really vital to make admission and selection processes online. Offline Admission is a very tedious and hectic activity. Referring to ground level & real time challenges of admission and selection process; we have designed and developed a comprehensive **OSAP** according to institutes' nature.

To understand it in detail, let's divide it into two parts

01. Pre admission

There are certain steps an applicant has to follow:

- Do your registration by clicking on the "**Apply Now**" button, fill appropriate information, authenticate the details and Sign In to the online Students admission portal
- Select appropriate programs such as Quality Outcomes Program or any other, as per your preferences through the "Apply Program" option. Applicants have a choice to select the required program
- By referring each section fill relevant information such as Personal Information, Address Details, Education Details, and Entrance Exam Details
 - Upload your Photo and Signature and Attach Supporting Documents
 - Make a payment

02. Post admission

Once the process of receiving **online college admission forms** gets over, further processes of scrutinizing received applications get started to make potential applicants to students. It consists, various activities such as merit list generation, marks, and document verification, branch counselling, provisional admission, and admission confirmation.

The admission & fees module integrates operations and processes of admission and fees at colleges. To list the basic features of this module-

- Fees can be collected subject-wise for each student
- Students receive SMS and email alerts of fees transactions
- Fees collection is centralized for a society of schools
- All details of admissions can be fed on the software

Admission and Fees Management System administers the set-up of faculty members of all departments. This includes the medium of instruction, fee cash books, fee heads, and fee types. It also enables feeding and restoring data of course details and caste category.

Cloud Based ERP OSAP

OPERATING ENVIRONMENT

Operating environment for the **Online Student Admission Portal** is as listed below

- distributed database
- client/server system
- Operating system: Linux (Centos7)
- database: Oracle 12c &Mysql 5.5
- platform: Java & PHP

DESIGN & IMPLEMENTATION CONSTRAINTS

- The global schema, fragmentation schema, and allocation schema.
- SQL commands for above queries/applications
- Student and college operational work sequentially attached with communication panel as email and messages
- Implement the database using a centralized database management system.

SYSTEM FEATURES

DESCRIPTION and PRIORITY

This system maintains information on student form filling, enquiry, admission, classes, with real time payment processing. Of course, this project has a high priority because it is very difficult to manage thousands of student and college employees centrally.

DISTRIBUTED DATABASE:

Distributed database implies that a single application should be able to operate transparently on data that is spread across a variety of different databases and connected by a communication network.

Cloud Based ERP OSAP

CLIENT/SERVER SYSTEM:

The term client/server refers primarily to an architecture or logical division of responsibilities, the client is the application (also known as the front-end), and the server is the DBMS (also known as the back-end).

A client/server system is a distributed system in which,

- Some sites are client sites and others are server sites.
- All the data resides at the server sites.
- All applications execute at the client sites.

SOFTWARE INTERFACES

Following are the software used for the **OSAP**

Software used	Description
Operating system	We have chosen Linux operating system (Centos7) with cluster for its high security and availability environment
Database	Oracle is a best RDBMS product. We user Oracle 12c and Mysql Database for managing records
Java/PHP	For payment processing, security and reliability we are using Java application and For College types of activity we are using PHP on Apache and web logic application server.
Jquery/AJEX/Bootstrap	Client-side display, validation and all related interface have to used based on this
TLS/JBOSS	End to End level security have to performed with TLS encryption with JBOSS tech
Payment Gateway Free registered	<ul style="list-style-type: none">• Ease buzzs https://easebuzz.in/• CC Avenue (Processing Services as per gateway company applicable)• National Digital Payments Mission (NDPM) of MHRD, UGC

Cloud Based ERP OSAP



100+ Payment options



and many more

+80 more

and many more

Our settlements happen in "T"+ 1 working days for all payment modes

Payment Gateway Ease buzzs 100% secured & lowest transaction rate.

Payment Type	Transaction Rate
Debit Card	1%
Credit Card	1.5%
Netbanking	Rs 20/-
UPI	Rs 20/-
Wallet	2.1%
*GST application on each transaction. this rate is up & down as per RBI Instructions & regulations	

COMMUNICATION INTERFACES

This project supports all types of web browsers like Google Chrome, Internet explorer, Mozilla Firefox etc.

Cloud Based ERP OSAP

Financial Parameter

Ref. No.: OSAP/026/2020

To,

The Secretary/Principal

Subject: Proposal/ Quotation OSAP (Online Student Admission Portal) covid 19 Offer.

Dear Sir,

our company are pleased to provide the Proposal/ Quotation OSAP (Online Student Admission Portal).

Sl.	Descriptions of OSAP	Annually Rate Per Students
01.	OSAP (Online Student Admission Portal) <ul style="list-style-type: none">• Online Admission (Pre & Post)• Fee Collection & Management• Payment Gateway• AWS Firewall & ESSL Security• Database: Oracle 12c & MySQL 5.5• SMS OTP & Transactional & Email• Unlimited Cloud Based Server• Mobile Responsive• 24x7 Backup & Recovery• 0% Investment	Rs. 75 Per Students apply Offer Price
02.	Installation & Training One Year	Free

Terms and Condition

- Payment should be given in the Favor of R. N. Technologies Pvt. Ltd., Patna
- After completion of Pre-Admission Process 100% Payment required as per data.
- **Implementation Time 7 working days only & Rs. 25000 Payment Gateway applicable (Refundable)**
- Annual Services post 1-year agreement period per annum as per approved rate.
- All Taxes Extra applicable & this rate valid 06 Months only.

Authorized Sign.

R. N. Technologies Pvt. Ltd., Patna 9386741484