



SUCCESS STORY

Pimpri Chinchwad College of Engineering

Executive Summary –

The Pimpri Chinchwad college of engineering was established by the Late Shri. S.B. Patil in the September of 1990. Its sole mission was aimed at serving society, the industry and all stakeholders through value-inculcating, quality education in the area of engineering courses.

Pimpri Chinchwad college of engineering has always been committed to its mission by creating, communicating, preserving and applying knowledge, art and academic values.

At the campus at Akurdi, Pune, near 1200 students are being groomed in specialized courses of Engineering, by professional and passionate instructors.

About the Customer Requirement –

The Pimpri Chinchwad college of engineering Intend to host Education ERP (EDU PLUS) on cloud. Their IT infrastructure is hosted on-premises and had its internal team managing it. The client wanted to migrate the ERP Application on to the Cloud to enable ease and simplicity in managing IT and reduce its capital expenditure towards IT infrastructure, enhance security and compliance, improve options for scalability for business growth and achieve operational agility.

Business Challenge

- Full capacity in-house ERP was not performing as per desired business expectations. Facing challenges of low performance, Downtime issues, Unpredictable workloads that needed to be migrated to Cloud and restore mechanism and plans
- Being a technical migration, requirement was to ensure near zero disruption to business
- Integration of applications with Cloud to deploy game-changing solutions for customer
- Quick migration to Cloud with TCO considerations
- Financial Data for all Students had to be kept in a place where the SLA for storage is high and there is minimum recovery point objective (RPO)

As per the multiple discussions with customer, they intended to setup the Infrastructure on AWS. They were looking for a partner who can consult them on Cloud solutions, the best security practices and design, install, configure and manage.

Project details

After multiple discussions on detailed requirement, we have defined the Scope of work and get it approved from the customer. Pimpri Chinchwad college of engineering wanted to implement centralized Education ERP solution for their entire Engineering college's total user count which was more than 1200. They also have specific requirement of giving rights to institute wise stakeholders, Ripplewave was awarded to setup the Cloud Infrastructure, Implementation and support order based on technical skillsets, design & approach, past experiences on Cloud and security domain, and Local capable support team. We have successfully completed the project & manage to fulfil the customer expectations as per SOW and maintain the post-sales support.

Proposed solution design

The scope includes all setup of AWS Cloud Infrastructure as per application requirement which includes understanding of requirement, designing solution architecture, proposed cloud infrastructure diagram, commissioning the approved solution as per Pimpri Chinchwad college of engineering Guidelines, adhering to standard security practices, preparing project documentations, knowledge transfer and meeting service SLA'S Post deployment.

Project Scope of Work-

- Deploying IAAS in Mumbai Region
- Create EC2 Instances as per the required ERP Application (Edu Plus)
- Configure Network Security
- Install Monitoring Agent on VMs
- Configure Backup policies
- Install patches/updates on servers
- Check Security recommendation
- Troubleshoot Infra related issues.

Pimpri Chinchwad college of engineering Success Story –

With the help of Ripple wave team, we have successfully implemented the Education ERP (**EDU PLUS**) on AWS Cloud. Ripple wave team has done the thorough assessment of all application workloads and found that most of the application needs to be freshly installed on AWS Cloud infra. We have also discussed scope of work in details to understand the dependencies. Whatever Resources they have allocated on op premise infrastructure need not be required same on cloud infrastructure so we have helped customer to optimize the cloud BOQ.

Why Ripple wave?

Ripple wave talent lies in architecting solution for future, today. Having deep certified expertise around Cloud & Cloud Migrations, Network, security, and end point security allowed Ripple wave team to build solution quickly, efficiently and effectively. The ability to deeply understand business and tech allowed Ripple wave to chart out the architecture and implementation smartly. DC-DR projects helped us to improvise project implementation using past execution experience. Ripple wave team worked with PCET team as an extended services arm to deploy desired AWS Cloud & Achieve Business objective.

