



Nallamuthu Gounder Mahalingam College

(An Autonomous Institution, Affiliated to Bharathiar University)

90, Palghat Road, Pollachi - 642001, Coimbatore, Tamil Nadu, India.

95th Rank in NIRF – 2023 among Colleges in India.



Best Practices - II

Digital NGM



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NGM COLLEGE, POLLACHI



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2. Title of the Practice: Digital NGM

NGM has implemented ERP system as part of its transformative agenda to integrate the administrative processes. The key objectives of the practice are to:

- Promote digitization of various aspects of College operations.
- Enhance operational efficiency and data accuracy.
- Facilitate better decision making through real-time data analysis.
- Move towards paperless work environment.
- Enhance overall student experience.

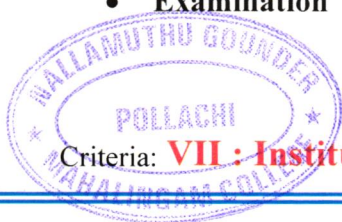
The Context

HEIs are utilizing advancements in IT infrastructure to streamline operations and manage increasing influx of students. Covid-19 pandemic led to Cloud ERP systems emerging as indispensable tools for ensuring the continuity of educational processes, enabling staff and students to collaborate seamlessly from remote locations. The Government of India's *Digital India* initiatives have also spurred digitization in educational institutions, with Cloud ERP solutions providing a framework for optimizing their operations and enhancing student engagement.

The Practice

CAMU ERP was implemented in the College in 2019 to provide a centralized platform for managing various functions of the College. It is used by the administrators, faculty and students for:

- **Admission:** Admission process is streamlined as students apply online and submit necessary documents, while admission staffs review applications online.
- **Attendance Management:** Attendance patterns are monitored using the system, offering insights for enhancing student engagement.
- **Lesson Plan:** Teachers use the platform to plan and schedule lessons, assignments, and assessments based on the curriculum.
- **Teaching and Learning:** The platform served as a collaborative virtual classroom for remote learning during the pandemic. The faculty interacts with students, share resources, and post video lessons.
- **Examination and Assessment:** Teachers create and administer different types of



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assessments within the system, which calculates scores and provides feedback to students.

- **OBE:** Faculty design and configure PEO, PSO and CO in CAMU ERP for curriculum management. They map CO-PO to track student attainment, use it for course improvement and maintain a structured approach to curriculum management.
- **Student Information Management:** CAMU ERP manages student records including attendance, grades, and performance metrics. Mentors record counselling sessions and generate consolidated reports.
- **Library Automation:** Auto Lib ERP is used for library automation and research articles are digitalized and available in the Dspace repository on the College website.

Evidence of Success

The implementation of digitization has reduced administrative burdens, improved response times to student inquiries, and increased accuracy in data reporting. The integration of CAMU ERP has allowed students to pay their fees online, eliminating long queues and paperwork. This has notably benefited students without bank accounts, especially during the pandemic, and extended digitization to remote areas. Employing ERP for analyzing student feedback has streamlined the process of making evidence-based decisions regarding curriculum revisions. The feedback provided by 4500 students is now analyzed more efficiently, quickly and promptly.

Problems Encountered

Transitioning from manual processes to digital workflows poses challenges in terms of user adoption and training requirements. Ensuring adequate internet connectivity and IT infrastructure are also critical factors.

Resources Required

- Adequate IT infrastructure
- Active involvement of end-users.
- Training programs to educate end-users on ERP functionalities.
- Internal team dedicated to ERP training and support.
- Continuous backup support from ERP vendors




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