

JSSU Online: An IT Framework to support Pedagogical Innovation

Title of the Practice: JSSU Online: An IT Framework to support Pedagogical Innovations.

Goal:

To develop and support Active Learning and Pedagogical Innovations in the University by providing an IT Framework around which capabilities are built to support and sustain innovations in Education Delivery and Management.

Objectives:

To develop a Cloud based IT Framework to deliver IT capabilities to support the needs of Faculty, Students and their Parents.

To develop an information repertoire to support the needs of the University.

The Context

Given the current developments around Technology and the opportunities that it offers to expand the globalization of Education, it is imperative to be in the forefront in the Knowledge Industry through Pedagogical Innovations through the implementation of ICT.

Currently, Education is imparted to Students through the traditional method of teaching. But research has shown that the learning methods have undergone a sea change in view of the developments around ICT.

The exposure levels of students to the tools and technologies makes it easy for educationists to leverage the enormous potential of ICT to innovate in the field of Education.

The Practice:

JSSUOnline, is an IT Framework, through which we are now able to deliver our Educational resources to students anywhere and anytime on any computing device. JSSU Online is envisaged to provide a host of capabilities around educational resource delivery and control in phased manner to all the constituent colleges of JSS University as part of its IT Roadmap. Some of the capabilities which are part of the framework are:

Time Table Schedule & Management

Teaching / Study Plans Automation

Teacher's Diary for reporting

Student's Attendance / 360⁰ Feedback

Digital Content Management at Course / Subject / Chapter and Topic level

Multi location sharing of digital content

MCQ based Examination with the ability to build a Question bank with difficulty levels and then administering to the targeted audience anytime.

Research Profile of Teaching Faculty

BEST PRACTICE II

JSSU Online IT Framework is envisaged to continuously evolve under the strategic IT Operating model fulfilling all aspects of our University requirements in its quest to achieve excellence.

Evidence of Success:

Staff / Student and Stakeholder Satisfaction levels

Reduction of Manual Process

Educational Content Availability and Access

Problems Encountered and Resources Required:

Lack of good trained and experienced manpower who can understand both Education and Technology.