E-Governance System for Indian Education Institutes & Universities

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Today's environment accreditation and ranking is the necessity for educational institutes as well as universities. To sustain its quality in education, e-governance model is the integral part of an education system. However, to sustain and maintain this standard, an e-governance system is necessary in today's fast-changing environment. E-governance is a proven and effective tool to cater and provide information in real time to all stakeholders such as students, parents, faculty, alumni, industry, management, government and regulatory bodies. This is a high priority agenda to improve governance using Information and Communication Technology (ICT). E-governance is a flow of information between stakeholders, education institute to all stakeholders, education institute to accreditation and ranking agencies. Proper and successful implementation of e-governance makes it possible to get their work done online and offer better delivery of reports to accreditation and ranking agencies with documentary evidence of various parameters related to Planning & Development, Administration, Financial Management, Student Administration & Support, Examinations, and Academics as asked by different accreditation and ranking agencies. All these reports are useful for further policy and decision making.

E-governance system will save time and energy to collect and disseminate information so that all stakeholders can work effectively. It provides efficient method of storing and retrieval of information in real time, processing information for making decisions fast and judiciously. It provides an efficient way to maintain and report data required by various accreditation/statutory regulatory authorities'/ approval agencies. These systems are designed for reducing manual effort required from various stakeholders in the academic, research, student engagement processes. Transparency and accountability can be established at the micro level when a data-driven system is established to drive effectiveness across a large university system.

In the e-governance system different platforms are being used to collect day-to-day information that is eventually required for Planning & Development, Administration, Financial Management, Student Administration & Support, Examinations, and Academics and generate reports to apply as asked by governing and regulatory bodies. Since it takes considerable amount of time and effort to manually generate reports for these functions, quality of decision making and submissions to regulatory bodies is challenged. The use of such online system makes the current disparate systems into one cohesive system as well as streamline and develop a platform to offer possibilities for stakeholders, Accreditation & ranking agencies to leverage and share best practices. Also, develop stable management information system and a powerful communication system for internal and external users. Such system gives the dedicated centralized online portal, administrative benefits, real time information extraction and report generation as per the accreditation & ranking agencies. Developing and implementation of single platform will make better decision making process, follow- up of responsibilities became easy, increase the efficiency, reduces duplication as well as complexity in data collection, preparation of reports in real time, single window service for stake holders, easy online information and submission of forms and payment, stake holders get connected to the each other more easily, equal opportunity to access to information, leads to significant reduction of transaction costs, time, space, and manpower and better transparency in the system. While implementing e-governance system education institute face challenges by use of different modules difficult to manage the information system, Inaccurate source of information and lack of coordination among various stake holders but implementation of such system increase the efficiency of the institute manifold.
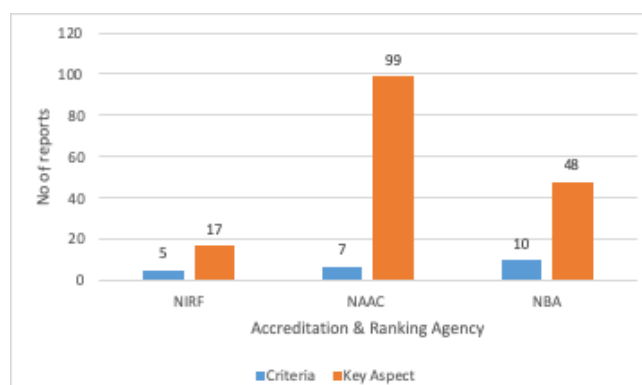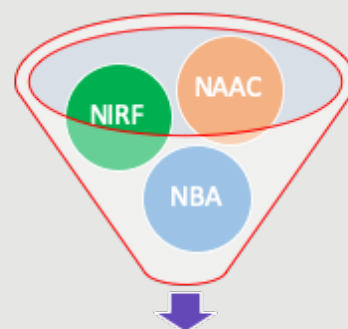

Fig. 1: Comparative reports generation for NIRF, NAAC & NBA

Fig. 2: Accreditation and Ranking