E-Governance Culture: Need, Impact and Promotion in Higher Education

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Abstract

E-governance means making all government functions accessible to the public easily through online services. So that the money and time can be saved by both the government agencies and the public, and you do not have to visit the various offices again and again. E-Governance has proved to be a benefit in a variety of areas such as Municipalities, transportation etc. A high-quality higher education structure is necessary for taken as a whole growth of a nation. Higher education is single such region which requires momentous reinvention of effort and work culture for continuous growth and development of nation.

In this study, an attempt has been made to discuss and categorize the necessity, impact, endorsement and tribulations through which the higher education structure of India is struggling day by day. I tried to attempts to explore the E-governance conceptual structure and conventional working for the abolition of a variety of challenges in higher education. It has become very important for government to keep records of their functioning. Educational institutions have various requirements for computerization and management processes in the field of education to maintain records and for monitoring too like as: enrolment, admission, student information data, digitalization of classes, time table schedule, transportation, attendance, E. library, payment mode with all expenses, examination process, institution performance index, grades sheets/online results, hostels facilities-from allotment to vacating process, security system, reporting procedure, quality maintenance of management, transportation system, staff statement details and fees structure in form of digital payment etc. among various departments in a higher education institution.

Keywords: E-governance, NeGP, ICTs

Introduction

The general understanding of E-governance stand for '*electronic governance*' with the access of information and communication technologies In short, we can call it ICTs. The foremost function of ICTs is to provide enhancement and continue provide well-versed governance measures. Contemporary educational sectors keen to incorporate the entire most recent technology to enhance the academic system and also for the indispensable and triumphant management of every issue related with the academic interaction. However, these tools and technologies help for the smooth execution of an educational organization. Through e-Governance we can bring about an improvement and efficiency in various departments and also much transparency. E-governance means making all government functions accessible to the public easily through online services. So that the money and time can be saved by both the government agencies and the public, and you do not have to visit the various offices again and again. E-Governance has proved to be a benefit in a variety of areas such as Municipalities, transportation etc. A high-quality higher education structure is necessary for taken as a whole growth of a nation. Higher education is single such region which requires momentous reinvention of effort and work culture for continuous growth and development of nation. Before dealing with e-Governance, tour first initiatives should be to identify governance and put down its capacity and objectives. The traditional concept of governance was to reintroduce whole governance process into modern discussion, with emphasis on how to accomplish good governance. Good governance is simply the aptitude to make a distinction between rightful and erroneous, impartiality and partiality, fair and unfair, and ethical and wicked.

Similar to a perception, it is important that the governing bodies like as CBSE, UGC, and CSIR etc. should include such as school and

college authorities, teachers, parents, children and government bodies such as stakeholders. These bodies instead of being simple consultants should be play active part of the overall decision-making procedure. Although only simply being active participant is not enough but to guarantee that governance should be not only participatory but also be accountable and truly transparent. It is essential that responsibilities and accountabilities be evidently laid down for each and every stakeholder for the purpose of smooth functioning of overall system.

In this admiration, equip mental technology act as an immense enabler by making everything easier for all section and to be available to all for the access of important information. Implementing e-governance will assist us to monitor and maintain educational standard. E governance is able to support in incessant monitoring, observation, estimation and significant evaluation of the teacher and the students too. By the help of e governance it will be possible to analyze the major reasons of students drop out cases or percentage. At the same time, it can make teachers, institution, administration and students more responsible and accountable. Addition to more features such as online testing methods be able to facilitate and evaluate the performance level of students and teachers. By using digitalization we can send messages or e-mail to parents or guardians if their children are being absent or not doing well at school, college or university. These things will help to enhance parents' involvement in their children's educational activities. These types of comprehensive and incorporated structure be capable of facilitate authorities to explore the performance of the best performing institutes and also contrast it with other school, colleges and universities to recognize the reasons for gap. Also, by use to these tolls system can get feedback from students to transform course curriculum and important as well as for needful up gradation.

Aim of the Study

The ultimate aim and objective of this particular paper is to identify a range of tribulations faced by different stakeholders of higher education in India and examines the potential of implementation of e governance in Higher education sector as possible solution.

E-Governance Culture: Conceptual Framework

E-governance is none for, be defining as releaser of government services and information to the public those are using electronic means. Such means of delivering information is often referred to as ICT. Use of ICTs in government facilitates an competent, quick and translucent process for disseminating information to the public sector and private or other agencies, for provided that services, and for performing organizational actions. E-governance enables the Government and Citizens to access effortlessly, to improve class of quality of services and to provide multichannel service deliverance system. The vision of e-governance is to transform service delivery through the use of Information Technology and Multimedia mediums.

The assignment of the National e-Governance Plan (NeGP) is to spotlight on sector of education which provides better opportunities of access to higher education with the impartiality to each and every eligible person, particular from to susceptible section of society. this can be comprehensive to a range of accessible institutions, new forthcoming institutions which are supported and funded by State Governments and Non-Government Organizations, private agencies, civil society etc. specifically, to enhance public efforts which designed to remove regional or other imbalances that continue living at present situation. The preparation can instigate policies and programs for intensification of research, innovations and give confidence to educational institutions.

E-governance resolution in the pasture of educational sector has tainted the approach of administration, which is designed to make and maintain the arrangements user-friendly, time saving and expenditure saving as well. Most of them are flexible as much as necessary to acclimatize to the shifting educational environment efficiently. As well as make education system quick and effective.

E. governance is an integrated solution for the education sectors it facilitates the processing and maintenance of large volumes of information. From enrolment to performance of student and institution too, this online functioning system helps almost every department of an institution. Proper use of latest tools and techniques of E. governance can be able to improve services for almost all sections of society and administration.

Need of E- Governance in Higher Education

If we want to improve the quality and class of our higher education system then there is not any other alternative then to the introduction of e-governance in this sphere at the best ever possible speed. Implementation of e-governance in technical and vocational institutes will insure their effectiveness & real time monitoring by Government and other regulatory bodied too. Thereby e.governance force them to maintain quality and assist institutions to become more responsible and effective in the field of education specially in higher education sector. E-governance process brings transparency, accuracy and short limit of time in the system, so that e-governance we can say these initiatives in the field of higher education will help to decrease the corruption up to a large degree. The introduction of e-governance in higher education is such unique concept that can surly empower and enhance all governing bodies to administer the development of the education policy in entire country so that various stakeholders serves at maximum level and in much better ways. In contemporary world E-Governance is emerging as global phenomenon which is gradually more attracting the attention of community such as common citizens politicians, economists, decision and public policy makers, with the special focus of education policies amongst others.

As per the **Info Dev Report of 2002** recommendations an effective and successful e-governance accomplishes these following needs:

1. For providing better admittance to government information and promoting public arrangements by enable the public to interrelate and work together with government officials and public policy makers.
2. In process to make government more responsible and accountable by making its operations more apparent it is necessary to minimize corruption and providing development opportunities, especially to rural and traditionally diffident communities of society.

E-Governance tools and techniques provided immense help and support to organize a superior equipped efficient higher education management or system. With the incorporation of updated and latest technologies Indian higher education system becomes deeply visible, improved operational and effective in nature. The apparatus of e-governance possibly will enable the universities or colleges to put forward the documents online for endorsement. All educational agencies should internally and externally too co-ordinate to take the information from common pool. This would greatly decrease the redundant duplication of work in the university. To one side by this way there may be a number of other amenities that can be provided with the introduction of E. governance in education sector.

Impact aspects of E-Governance Tools and Techniques

The benefits of e-governance in an educational sector are improved efficiency, increase in transparency and accountability of educational administrative activities convenient and faster access to services, and lower costs for administrative services. The multi-faceted benefits of e-governance can be described as under these points:

1. Educational institutions will definitely enhance the effectiveness of the diverse departments or sectors and reduce delicacy.
2. Through the access of e. governance tools preparation of reports becomes effortless, qualitative and quicker.
3. This innovative structure helps to reduce any kind of harassment of the students.
4. Simple online information and submission of forms, declaration of results and fee payment also becomes approximately instantaneous.
5. The administration staff, faculty members, students and management get connected with each other without difficulty and lead to improve efficiency in delivery of services via the approach of sooner distribution of information that also on a extremely low cost.
6. Equal opportunity to admittance to information is provided in spite of anybody's physical location and also physical disability consequently removing distance barriers.
7. E. governance tools and techniques leads to extensively reduction of transaction costs, time, breathing space, and labor or manpower.

Digitization and Electronic Books Management Methods

Taking into consideration the influence and impact of Information Technology in almost every discipline, upcoming latest technologies are rising even in the online library systems, generously giving way to e-books. (Electronic books). Well as effective digital knowledge centre and their access mechanisms. Online catalogues system, full-text search and repossession facilities, automatic record keeping arrangement, computer-based decision-making and so on.

1. A digital library could give access to an unrestrained number of copies at "with the touch of a single button". A manuscript or monographs, which availability in an electronic form that can also be obtain electronically, by the help of ICT. It would be also easy to carry and access large number of e-books in pocket PC or pen drives at one time.
2. The foremost advantage of digitization of services is that it cuts down the obligation of paper documents, limits office space and below down the time required to procedure the same information. Because of these service, we can translate the physical data in shape of papers, thesis, research proposals and research papers, magazines, books, proceedings, forms, mark sheet or results, survey & review data and others into the digital layout which is comprehensible by all computers and is effortlessly processed by users.
3. Make use of scanner and supplementary software tools to scan a page or file in to the computer and converting the scanned data in to decipherable or editable typescript. Software incorporates OCR software this OCR stands for Optical Character Reader; which can able to read the data from image files.
4. Use of computer data entry operators, as they are called to punch in the data on to a prefer file format. These files are like MS Word, Excel, access etc. all formats can be in practice for successful digitization of various works. Digital data can be easily stored and saved; backup copies and files can be maintained as well as disseminated fairly easily. Therefore, with our all digitization services the expenditure of additional digitization goes down enormously. This also ensures faster, speedy and easy sharing of the data and information.

E- Learning: Uses and Benefits

E-Learning is all about the use of technology to enable populace to learn anytime at any place means almost anywhere. E-Learning can incorporate training, the deliverance of just-in-time information and guidance from experts of concern areas. E-Learning covers a extensive range of applications and processes together with computer-based learning, web-based learning, implicit classrooms and digital association. The e-Learning System has influential capabilities for managing various study courses and couture directions to reach at student needs. Electronic learning or e-learning is a type of education where the medium and way of teaching and instruction is computer technology. It involves intended teaching or teaching experiences that exercise an extensive range of technologies largely

Remarking An Analisation

the internet to arrive at learners from whichever distance.

E-learning has turned into well-liked between educationists and learners because of its strengths and recompense it provide the improved access to educational possessions as of outer surface of the educational organization on a universal and instantaneous basis. At present E .learning grows as unique alternative greater than before the flexible communication with scholar through e-mail and discussion forums. It is becomes as opportunity for intercontinental, cross-cultural and collaborative erudition and research. These communication capabilities let students and teaching members to talk about issues and problems online, to calendar collaborative sessions and to shape groups to enable cooperation crossways geographic limitations and expand learning oe research further than the classroom.

Distance Education and Learning Technique

Seeing as, traditional education system was incapable to deal with with the contemporary requirements; therefore, Distance Education System and virtual leading tools get birth to cope with the existing and future requirements of the educational development. The make use of of ICT has comprehensive the scope of contribution in educational programs at a distance. The off-campus deliverance was an alternative for students and researchers those who were unable to be present at the classes regularly. At present many students are capable to make this alternative through technology facilitated learning surroundings. This helps point in time, expenditure saving and extending study courses of preference to students of diverse backgrounds, cultures, tradition and perspectives. Learners are free to contribute in learning actions at their convenience throughout online technologies and tools. Prominent academicians form various parts of the country and overseas be capable for teaching at their convenience through mobile or computer technologies and flawless communication technologies to facilitate maintain 24*7 teaching and learning like NPTEL (National Program on Technology Enhanced Learning, India 2007), EKLAVYA Technology Channel, India, 2007, educational TV channels, online classes conducted by universities etc.

Conclusion

The beginning of innumerable pioneering E. Governance practices has the probable of transform the governance in higher education within field of learning. This has the ability of improving excellence of higher education and growing quantity of employable students. Despite its great potential to help the higher education in India, the ultimate success of this concept will to a large extent depend on the level of coordination and support from governing bodies and the universities and colleges. The only way for planning for efficient administration of educational institutions is to increase Global communication skill and achieve the world class standard. it is very necessary to have a improve worldwide collaboration and access of available information in all the parts of the world. After the

access to all possible tools and techniques of information technology we can able to introduce IT in Educational Sector. Further with the support of e-governance institutions can possibly secure and maintain high standard of working. Today the IT has become an integral part of life of the people in the world. It is the time to applying the skill for the betterment of Indian educational system as well. The e-governance requires safety for smooth information flow; most excellent practice database and improved capability for information analysis etc. and political administration should support through improving encouraging legislations and efficient amendments for maintaining standards in the educational procedure and improvements in the associated meadow. It requires from top to bottom new infrastructure, measures, policies and operational skills for producing and collecting online and digital information. With the beginning of ICT, electronic governance is a rising tendency to reinvent the approach the government workings, flattering a latest model of governance. Such a inclusive and incorporated system be able to also enable establishment to investigate the presentation of one of the best performing institutes and evaluate it with other institution, colleges and universities to recognize the gaps.

In addition, the system can get hold of feedback, criticism and disapproval from students to transform course curriculum if deemed suitable by the establishment. This will permit all the low and less-performing colleges and universities to decrease the fissure with improved performing institutes. It will be facilitate in the improvement of the higher education in the countryside and enhance the figure of employable students. Education system can completely provide our students to congregate the ever developing demands in present highly-competitive environment of the education system. The current system needs to be made more efficient and effective by implementation of e-governance tools and techniques. It is sky-scraping time our educators and educationalists believe in stipulations of imparting what is acknowledged as life-long education, or, additional appropriately, life-long self-education.

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