E-GOVERNANCE : ROLE IN EDUCATION

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Abstract-In this modern era, technology has emerged in every field such as education. This study Illustrates the concept of e-governance, role of it in higher studies, their benefits and its scope in future. Government provide multiple services online to people at their door step, these type of services are known as E-governance. There are many definitions of E-Governance. E-Governance connects the government and citizen. . E-Governance, expands to electronic governance, is the process to integrate information and communication technology in different fields, with the goal to improve the government ability to fulfill the needs of general public and supposed to provide cost effective and easy accessible citizen services and to improve transparency and time convenient, improving efficiency how latest applications use in higher education sector.
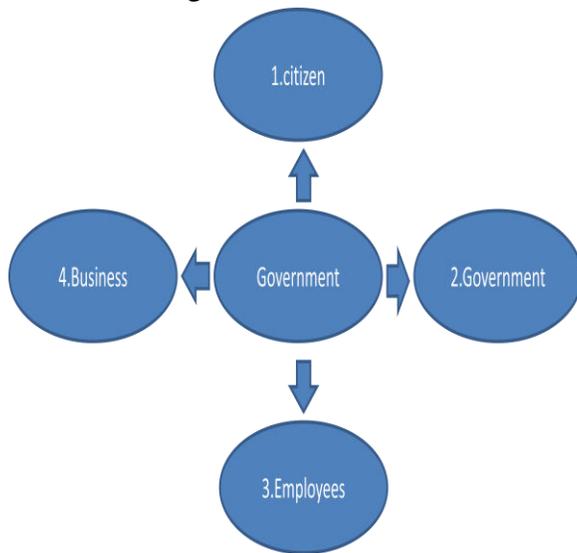
1.Introduction

Electronic governance or e-governance is the procedure of processing information and communication technology (ICT) to provide variety of government services, transformation of information,

communication transactions, integration of various stand-alone systems between government to citizen (G2C), government-to-business(G2B),government-to-government(G2G),government-to-stakeholders through the entire procedure. E-governance is an easy way to provide multifarious services to people. In governance concepts citizens business groups are the main target. In the concept of e-governance there are no well defined boundaries. In any growth-oriented industry the change has been happening at unbalanced pace and the education sector is no exception. In academic sector e-governance has become a very complex task due to expeditious growth in the field of education. The 21stcentury has witnessed enormous advancements in technology which has led to comprehensive developments in the administrative system. Cost-effective technology combined with the flexibility in different methods of learning and various administrative projects is very important to build up. for educational administration computers can be used at wide range.

- General organization
- Income revolution and economic computing
- organization of Student Data
- fund Management
- Library management System

2.What is E-Governance ?

E-governance provides the solution to every field in educational sector and helped to change the way of administrative activities, that are specifically designed to make various systems user-friendly, use to save time and cost also. Most of them are adaptable in nature to adapt the different changes in educational environment in

1.Fig: E-Governance delivery model

quick and effective manner.

E-governance acts like a bridge between the government and Citizens to enhance the quality of services as well as to provide multi-channel service delivery system. The main motive of e-governance is the transmission of the services delivery with the use of information technology and Multimedia. There are four types of delivery to deliver different services to the required citizens. They can be easily understand with the help of following delivery model of e-governance.

1. **Government to citizen (G2C)**
   Government provides services to fulfill the needs of citizens
2. **Government to Government (G2G)**
   Interaction among government organizations ,departments, and authorities.

3.**Government to Employees (G2E)**

   Online services for employees like service benefits and e-learning.

4. **Government to Business (G2B)**

   Online services for business organizations like licensing, permit etc.

In other words e-governance is the method to deliver government services as well as information to the normal people involving the electronic devices. Such electronic devices use to deliver information can be referred as ICT. Government use ICTs in government activities to provide efficient, transparent and speedy services and facilities to the people and other authorities, for providing these services e-governance requires several elements like lucidity, liability, involvement, social incorporation, general economic management refine and development.

It involves a very wide horizon of services for many parts of the society.

There are four pillars of E-Governance

1. Process
2. People
3. Technology
4. Resources

3.Benefits of E-governance in an Education Sector

 E-Governance brings enormous benefits in the sector of education to boost productivity, lucidity

and liability of various educational administrative activities, and easy access to services, and reduce the cost for administrative services. The multiple benefits of e-governance are described in the following points.

- Speed: It has become very easy to communicate with each other due to technology. For example internet, cell phones, computers have reduced the time taken in the process of communication.

- Reduce the cost: Internet and phones makes communication cheaper saving valuable money for the government.

- Transparency: with the help of technology government would be able t

- o provide the information on the internet, as a result citizens can easily see the information whatever and whenever they want to see.

- Accountability

- Reduce the rate of corruption
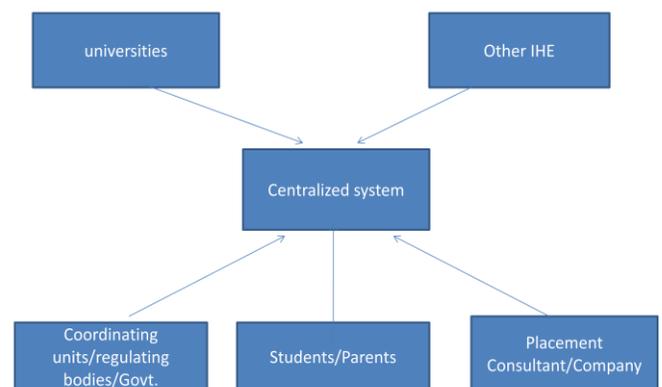
- Increase rate of convenience

- Rise in GDP

4.Use of e-governance in higher education

The online methods enable more effective education and offer significant advantages over traditional services.

- Provide E Services– After the implementation e-governance, we improve the delivery of services to students, faculty by providing services like enrollment, examination, result, feedback, requests for documents, requests for certificates, issuing admit cards and identity cards.

- Improved education system - E-governance allow the use of technology in the field of education to improve the quality of education, delivery services, motivate the students to participate in decision making and give the opportunity to universities to reduce unemployment.

- Innovative Teaching Tools– The new technologies offer vast opportunities for progress in all walks of life with the introduction of new technological initiatives the structure of higher educational institutions has changed.

2.Fig: e-governance in higher education

Users can tap the system and find out the related information needed. The higher education coordinating and regulating bodies could obtain the reports on various issues about future planning like budget, demand of courses etc. The regulatory body has a critical role to play according to this model. These units will be responsible of data integration and will cater the need of various stakeholders. Following are the main activities required in this process. The MIS working at this level in the model will provide the following information to the regulating and accreditation bodies.

Possible delivery models in e-governance projects in HEI(higher educational institutes)

- University to students(U2S)
- University to business(U2B)
- University to university(U2U)
- University to regulators(U2R)
- University to employee(U2E)

5. Empirical of E-Governance

- to deliver the services to the public in an effective manner and at the cost that can be afford by the people.
- To maintain the liability and lucidity
- To provide the information to the people
- To speed up the government processes
- To build up the interface with the different stakeholders.

Government Initiatives

Government   start many mission made projects, some of them are given as follows:

- **MMP:** MMP stands for mission mode project. It is an individual level project within the National e-governance plan (NeGp). It focus on the that aspect of electronic governance which is related to the banking, land records or commercial taxes etc.
- NeGp deals with that type of projects which have well defined objectives, scopes, implementation timelines, milestones and measureable outcomes.
- NeGp includes 31 mission mode projects that are further divided into state, central and integrated projects. Each state has its five mission mode projects to fulfill the specific needs.

6.E-Learning

E-Learning is the advancement of the technology that enables the person to read and learn whenever they want at anytime and place. E-Learning provide the trainings of many areas as well as provide the quality information and guidance from the experts. Extensive range of the applications and enormous processes like computer based learning, learning related to web, digital and virtual classrooms and digital collaboration. The e-learning system has very powerful techniques to manage the different courses and providing the instructions to meet the student requirements. Electronic learning or e-learning is that type of technology that provide the education to the learners through the computers and smart phones. It involves the use of internet due to which it can reach to the learners present at distance.

7.Benefits of E-learning :

E-learning has become very famous within the whole world because of its various advantages, it becomes the first preference of the students in the process of learning and helps to access to the educational resources from anywhere on a global and instant basis.

- Increased and flexible interaction with student through e-mail and discussion forums.
- Due to the technology it is very easy for students to communicate with their teachers and discuss their issues online with them and teachers and students also made groups for the betterment of their studies and extend learning beyond classroom.

Conclusion

Due to the advancement of the technology Government services supposed to be expand their horizon in the upcoming years. But, most of the rural areas are unaware about the concept of the e-governance and their benefits, government made many efforts to aware the rural areas about this concept. E- Governance ensures the efficiency, effectiveness, liability, lucidity, simplicity to provide the services to the common people. Security is the major requirement of the government and e-governance for maintaining the standard. The e-governance needs security for smooth information flow. Government should enact some rules and regulations and start ne w campaigns to support e-governance and advanced improvements in this field. With the advancement of information and communication technology, electronic governance is started to emerging trends to change working ways of the government. E-governance should create the transparency among the different universities, colleges and students. It will bring forth, new concepts of governance, both in terms of needs and responsibilities. Many problems of higher education system can be solved by the public private partnership and e-governance.

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