

TITLE : APPLICATION OF ELECTRONIC GOVERNANCE AND ICTs FOR RURAL AND AGRICULTURE DEVELOPMENT IN INDIA

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The Empowerment of Rural communities is crucial for the development of the rural India. Brining the rural people in to the mainstream of the digital technologies for the agriculture and rural development is a major concern now . The Information and Communication Technologies plays an important role in agriculture and rural development . Rural Development implies both, the economic development of the people and greater social transformation using electronic governance. In order to provide the rural people with better prospects and opportunities for economic development ,agriculture development and management , Agriculture marketing management ; increased participation of farmers in electronic governance through information and communication technologies are envisaged .This presentation aims to explore the nature, role and relevance of the Electronic/Digital Governance using ICTs and wireless technologies for assessing the impacts of agriculture and rural development to highlight approaches and methods for improving local environmental governance, having particular regarding to the range of interests and actors involved in e-governance, ICTs .

Information and communication technologies are viewed as an efficient tool for information delivering to the rural community including farmers in India . The E- Governance and wireless communication technologies can be used for empowering the farming communities and rural communities for economic development of rural region. The farmers can get the agriculture marketing information through E-Governance. The wireless communications can be used not only for the decision making in agriculture such as selection of crops, fertilizers, water requirement etc but also for different agriculture services such as harvesting, marketing, processing etc. The application of E-Governance in agriculture sector is also helpful in management of data base of agriculture labours, health of farmer and labours. etc .The rural areas are vulnerable to climate change affecting the agriculture production. The assessing and mitigating of impacts of climate change is crucial for agriculture development. The Information and

Communication Technologies , Wireless Technologies and E-governance plays an important role agriculture development, management and climate change information delivery system in rural region . The use of e-governance is very effective for the management of agriculture and the database for the agriculture industries .In order to provide better information and communication to the people in rural and remote places in India. wireless technology can be effectively used during the disasters such as floods, land burst, heavy rain fall, electricity failure , water supply in irrigation canals and water level in dams , health of agriculture labours etc and The fishermen communities can get the updated weather information and the fishery date through use of the internate, e-governance and wireless technologies .During the cyclone in rural region the internate alongwith information and communication technologies with application of e-governance and wireless communication found suitable and most effective technology to save human life and economic loss in agriculture sector .