

Prerequisite status: -	Unit Type: Theoretical	The number of units: 2	Name of the lesson: <b>New technologies in sustainable rural development</b>
Type of additional practical training: Has it <input checked="" type="checkbox"/> does not have <input type="checkbox"/> science travel <input type="checkbox"/> Laboratory <input type="checkbox"/> Workshop <input checked="" type="checkbox"/> , Seminar <input type="checkbox"/>		The number of hours: 32	Expert professor to teach: Geography and rural planning
<b>Goals:</b> Acquaintance of students with the definitions, concepts, theories, and applications of information and communication technology with an emphasis on its applications in rural management			
<b>Headlines</b> <b>1-</b> The place of new technologies in sustainable rural development 2- Reviewing the concepts of new technologies in sustainable rural development 3- Identification and classification of new technologies related to rural areas 4- The historical course of the application of new technologies 5- A review of views and ideas related to innovation and new information and communication technology - System theory - Theories of organization and organizational change - Communication theories - Theories of information society - Theories for spreading innovations and... 6- Fields of application of information and communication technology in rural areas - Electronic government - e-learning - e-commerce - Electronic Health - Electronic agriculture 7- Applications of information and communication technology in the management of sustainable rural development 8- Planning steps and application of information and communication technologies in rural management - start stage - Electronic readiness			

- Realization of electronic government

- Maturity of e-Government

9- Experiences of countries in the use of information and communication technology in the management of sustainable rural development

10- Advantages and disadvantages of using information and communication technologies in sustainable rural development management

11- Evaluation of information and communication technology development projects in rural areas of Iran

12- Future horizons of the application of information and communication technologies in the management of sustainable rural development

13- Summarizing and presenting the planning framework and the application of using new technologies in the management of sustainable rural development

### **Reference**

1- Harris, Deilio Roger, 2010, The role of information and communication technologies in poverty alleviation (relying on employment and rural development), translated by Seyed Ahmad Khatunabadi and Bijan Khalil Moghadam, Isfahan University of Technology Jahad Publication

2- Taleghani, Gholamreza, and Ali Asghar Saadabadi, Somiye Malek Makan, Ali Ghafari, 2014, Technologies for Sustainable Development, Negah Danesh

3- Hamdia Afgan, Naim, de Carvalho, Maria Cristina Ramos, 2020, New and Renewable Technologies for Sustainable Development, springer

4- Bolay, Jean-Claude, Hostettler, Silvia, Hazboun, Eileen, 2014, Technologies for Sustainable Development, A Way to Reduce Poverty? springer