

## Awareness on E-learning as an emerging tool in self paced study for higher education in science and its provisions curriculum

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**Abstract** - Education plays a vital role in the development of any nation. Higher education is a powerful instrument for creating knowledge and information based society. The mission and vision of higher education is to educate, train and to undertake research activities and service to the community. Higher education is nothing but the production and dissemination of knowledge. Therefore the higher education is to be best in quantity and quality. The present article reveals about the modification in teaching and learning practice and its utility in improving the slow learner students in the institutes. E - learning tools can be a good teaching and learning practice in the higher education systems especially in science area. There is need to recommend and include the various methods of learning tools in the education sector, so that there will be an alternative for learning practice for students.

**Keywords** : E – learning, Education, slow learner

### I. INTRODUCTION

Education is fundamental for achieving full human potential, developing an equitable and just society, and promoting national development. Education thus, must move towards less content, and more towards learning about how to think critically and solve problems, how to be creative and multidisciplinary, and how to innovate, adapt, and absorb new material in novel and changing fields. Pedagogy must evolve to make education more experiential, holistic, integrated, inquiry-driven, discovery-oriented, learner-centred, discussion-based, flexible, and, of course, enjoyable. The curriculum must include basic arts, crafts, humanities, games, sports and fitness, languages, literature, culture, and values, in addition to science and mathematics, to develop all aspects and capabilities of learners, and make education more well-rounded, useful, and fulfilling to the learner. (singh, 2017)

Given the 21st century requirements, quality higher education must aim to develop good, thoughtful, well-rounded, and creative individuals. It must enable an individual to study one or more specialized areas of interest at a deep level, and also develop character, ethical and constitutional values, intellectual curiosity, scientific temper, creativity, spirit of service, and 21st century capabilities across a range of disciplines including sciences, social sciences, arts, humanities, languages, as well as professional, technical, and vocational subjects.

A quality higher education must enable personal accomplishment and enlightenment, constructive public engagement, and productive contribution to the society. It must prepare students for more meaningful and satisfying lives and work roles and enable economic independence.

As per New Education Policy 2020 "Institutions will have the option to run Open Distance Learning (ODL) and online programmes, provided they are accredited to do so, in order to enhance their offerings, improve access, increase GER, and provide opportunities for lifelong learning (SDG 4). All ODL programmes and