

## **Title of the Practice: E-Learning**

**The Context:** Education is a light that shows the mankind the right direction to surge. The purpose of education is not just making a student literate but to inculcate rationale thinking and develop self sufficiency. E-learning holds particular relevance for the youth to gain competitive advantage and there is no other way to take education to new heights without the intervention of technology in 21<sup>st</sup> Century. E-Learning includes all the forms of electronically supported learning and Technology Enhanced Learning (TEL) aimed at providing socio-technical innovations, improving efficiency and cost effectiveness for learning practices and does has become an indispensable part for overall growth of an institution.

**Objective of the Practice:** Improve and enhance the quality of learning and teaching to be more efficient and effective.

**Practice:** Taking cognizance with respect to significance of e-learning and reap benefits, the IQAC cell emphasised on creating awareness amongst the students in general and faculties in particular. E-Learning is seen as an integral promising way for improving the quality of teaching and effectiveness of learning. Therefore, Seventeen (17) days faculty training programme titled *“Information Technology and Digital Services (including Digital Payments and GST)”* at the college IT Laboratory was organised by National Institute of Electronics and Information Technology (NIELIT) in partnership with Ministry of Development of North Eastern Region (MDoNER), Govt. of India from 12/11/2018 to 29/11/2018. Use of android computing softwares like C Compiler and Tiny BASIC among physical science students in the college became a common affair that enhanced flexibility of learning experience. E-Learning also lead to the enhancement of quality in each department as faculties shared information and data through social media like whatsapp leading to innovative pedagogical methods, new ways of learning and interacting by easy sharing of ideas. Three faculties successfully completed online refresher programme under SWAYAM and students are encouraged to enrol themselves under various online certificate courses under NPTEL for overall academic development.

**Evidence of success:** The College have achieved substantial success vividly evident from student-Teacher bonhomie especially at Departmental level. The accomplishments can be summed up as follows:

- Teaching learning or Student-Teacher interaction become a 24×7 affair outside of a traditional classroom as sharing of ideas through e-learning method become effective at low marginal cost.
- E-knowledge opened up new vistas for the students as well as faculties giving flexibility of learning experience, enhanced access to information driving innovative and effective ways of learning reflected in preparation of Projects and Class assignments.
- Student’s active participation in different workshops, Seminars, Debates etc. from the college became a regular phenomenon creating a new zeal to learn and share ideas among the student community.

### **Problems encountered and resources required:**

The main problem in implementing this project is insufficient fund and shortage of trained officials thereby dream of making all the college students aware about the importance of e-learning is still incomplete. The college has a computer laboratory for teaching of University prescribed syllabus but limited infrastructure hinders in imparting e-knowledge among the students. So, maintenance of a sound computer laboratory is not possible as it has no allotted fund by the Govt. for this purpose.