



NMEICT

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The **Ministry of Human Resource Development** administers the programme, **National Mission on Education through Information and Communication Technology (NMEICT)**, to leverage the potential of ICT to make the best quality content accessible to all learners in the country free of cost.

Initiatives under the Program

- **SWAYAM:** The Study Webs of Active Learning for Young Aspiring Minds' (SWAYAM) is an integrated platform for offering **online courses**, covering school (9th to 12th) to Postgraduate Level. The online courses are being used not only by the students but also by the teachers and non-student learners, in the form of lifelong learning.
- **SWAYAM Prabha:** It is an initiative to provide **32 High Quality Educational Channels through DTH** (Direct to Home) across the length and breadth of the country on a 24X7 basis.
- **National Digital Library of India (NDL):** It is a project to develop a framework of **virtual repository of learning resources** with a single-window search facility. Presently, there are more than 3 crore digital resources available through the NDL.
- **Spoken Tutorial:** They are 10-minute long, audio-video tutorial, on open source software, to **improve employment potential of students**. It is created for self learning, audio dubbed into 22 languages and with the availability of online version.
- **Free and Open Source Software for Education (FOSSEE):** It is a project promoting the use of **open source software** in educational institutions. It does that through instructional material, such as spoken tutorials, documentation, such as textbook companions, awareness programmes, such as conferences, training workshops, and internships.
- **Virtual Lab:** This is a project to develop a fully **interactive simulation environment** to perform experiments, collect data, and answer questions to assess the understanding of the knowledge acquired. There are about 225 such labs operational, with more than 1800 experiments that benefitted more than 15 lakhs students.
- **E-Yantra:** It is a project for enabling effective education across **engineering colleges**

in India on **embedded systems** and robotics. More than 275 colleges across India have benefited with this initiative.