



AN INTRODUCTION TO E-LEARNING APPS AND RESOURCES

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OUTCOMES

After completing this session, learners will be able:

- To know various online apps and resources available for students, teachers & life long learners .
- To acquire new knowledge from online learning initiatives by MHRD-Govt. of India (GOI) for digital learning.
- To attain understanding of online collaborative teaching tools to plan, deliver & manage teaching effectively from home.
- To gain familiarity with LMSes to handle courses.
- To develop new skills to teach thru' e-learning resources.



OVERVIEW OF PRESENTATION

- **Activity 1:** What are e-learning apps & resources?
- Discussing e-learning, e-learning apps & resources.
- **Activity 2:** What are the different edu. apps available in Google Play?
- Browsing Google Play, Showing list of main edu. apps,
- **Activity 3:** What are the purposes & features of apps?
- Discussions on basic features & uses of some important apps available easily.

OVERVIEW OF PRESENTATION



- **Activity 4:** What are the digital initiatives taken by MHRD-GOI for students, teachers & life long learners?
- Overview of ‘technology enabled learning’ by GOI.
- Browsing apps & resources made available by GOI.
- **Activity 5:** How does GOI’s main apps & platforms could be accessed at one place?
- Discussing SAKSHAT- A one stop edu. portal for Kindergarten to Ph.D. level.
- Browsing SAKSHAT portal to access GOI’s digital projects at one place.



OVERVIEW OF PRESENTATION

- **Activity 6:** How to manage group communication with learners to deliver lectures & materials?
- Discussing some collaborative teaching tools
- **Activity 7:** How to get overall control of your curriculum?
- Learning Management Systems(LMSes)



Activity 1

What are e-learning apps & resources ?

E-learning refers to ‘technology driven learning’ enabled by web. E-learning apps & resources refer to application software on devices that facilitate learning via LMSes & may connect to learner to an institution.

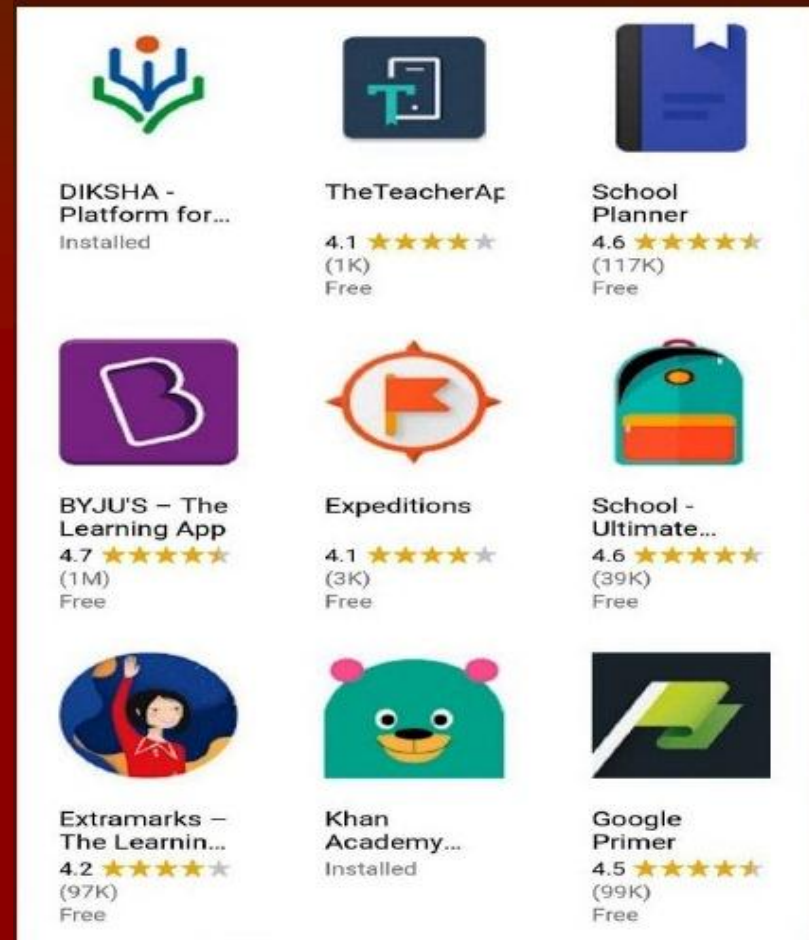




Activity: 2

What are the different edu. apps available in Google Play?

- Browsing Google Play.
- Showing numerous educational apps.





Activity 3

**What are the purposes & features of edu. apps?
(Discussing some useful apps)**

- edX
- Khan Academy
- Meritnation
- Google Classroom
- Coursera.
- Duolingo
- Sololearn
- Kahoot
- Udemy
- Photomath
- Byju's
- MIT Courseware
- Vedantu
- Unacademy



Activity 4

What are the digital initiatives taken by MHRD-GOI for students, teachers & life long learners?

1. **SWAYAM** (<https://swayam.gov.in/>) provides Massive Open Online Courses with 140 universities approved credit transfer feature. Students enrolled in Jan-20 & in total are 26 Lakhs & 1.57 Cr respectably. Total 1900+ courses covering school & higher education. Old courses of SWAYAM could be assessed without registration in the link (<http://storage.googleapis.com/uniquecourses/online.html>).



2. UG/PG Moocs: SWAYAM-UG/PG (Non-Technical) archived courses can be assessed in the link:

http://ugcmoocs.inflibnet.ac.in/ugcmoocs/moocs_courses.php.

3. e-PG Pathshala

(<https://epgp.inflibnet.ac.in/>) is a gateway for e-books upto PG which provides High quality, curriculum based, and interactive content in different subjects across all disciplines. It contains 23000 modules & 70 PG courses.



4. Consortium for Educational Communication (CEC)

<http://cec.nic.in/cec/> is providing e-content courseware in 87 UG subjects with 24110 e-content modules. It is also providing YouTube channel with lectures based on educational curriculum of higher education thru' the link: <https://www.youtube.com/user/cecedusat>.

5. FOSSEE (<https://fossee.in/>) is acronym for Free/Libre and Open Source Software for Education, which developed, promote open source softwares for education as well as professional use.



6.SWAYAMPBABHA

(<https://www.swayamprabha.gov.in/>) provides high quality educational programs 24*7 through 32 DTH channels. Around 56,000 total videos have been telecasted covering school & higher education.

7.National Digital Library(NDL)

(<https://ndl.iitkgp.ac.in/>) is a repository of e-content on multiple disciplines from primary to PG levels. It has 4.3 crores content (Text / Audio / Video / Simulation /Graphics), harvested from 250 sources; in 300+ languages. NDL has 55 Lakhs + registered users.



8. Shodhganga

(<https://shodhganga.inflibnet.ac.in/>) is a platform for research students to deposit their Ph.D. theses and make it available to the entire scholarly community in open access.

9. ShodhGangotri

(<https://shodhgangotri.inflibnet.ac.in/>)
Repository of Indian Research in Progress
(Synopsis/Research Proposals for PhD programme with MRPs/PDFs/ Emeritus Fellowship)



10. e-Shodh Sindhu (<https://ess.inflibnet.ac.in/>) is a collection of e-journals, e-journal archives and e-books on perpetual access basis. It has 10,000+ e-journals, 31,35,000+ e-books.

11. Shodh Shudhhi (PDS) (<https://pds.inflibnet.ac.in/>) is a Plagiarism Detection Software Encourage original information by preventing plagiarism.



12. e-gyankosh (<http://egyankosh.ac.in/>) is a National Digital Repository to store and share the digital learning resources. Its content developed by the Open and Distance Learning Institutions in the country.

13. Gyan Vani (105.6 FM Radio) & Gyandhara (web radio) (<http://ignouonline.ac.in/Gyandhara/>) Gyan Dhara is an internet audio counselling service where students can listen to the live discussions by the teachers and experts on the topic of the day and interact with them through telephone.



14. Gyan Darshan

(<http://www.ignouonline.ac.in/gyandarshan/>)

is a web based TV channel devoted to educational and developmental needs for Open and Distance Learner.

15. Virtual Labs (<http://www.vlab.co.in/>)

has developed Web-enabled curriculum based experiments designed for remote – operation. Its 275 labs with 2200+ experiments made 18+ Lakhs students benefitted.



16. e-Yantra (<https://www.e-yantra.org/>)
provides hands on experience on embedded systems. It has about 380 Lab and made 2300+ colleges benefited.

17. Epathshala (<http://epathshala.gov.in/>)
provides Free access of e-books (class I to XII) through website and app.



18. VIDWAN

(<https://vidwan.inflibnet.ac.in/>) is an Expert Database and National Research Network which has profiles of scientists, researchers and other faculty members working at leading academic institution



Activity 5

How does GOI's main apps & platforms could be accessed at one place?

SAKSHAT (<https://sakshat.ac.in/>) is one Stop Education Portal for addressing all the education and learning related needs of students, scholars, teachers and lifelong learners. The portal provides the latest news, press releases, achievements etc. related to Ministry of HRD. So visit SAKSHAT to know the world of online learning.



Activity 6

How to manage group communication with learners to deliver lectures & materials? (Discussing some collaborative teaching tools)

- Google Hangouts
- Zoom
- Facebook Live
- UberConference
- TrueConf Online
- Skype
- Appear.in
- Slack Video Calls
- YouTube Live
- WhatsApp
- Telegram
- FreeConference



Activity 7

How to get overall control of your curriculum? Learning Management Systems(LMSes)

- Moodle
- Google Classes
- Haiku Learning
- Schoology
- Edmodo
- Talent LMS
- TalentCards
- Chamilo
- Sakai
- GoSkills
- ATutor
- Coggno
- Latitude Learning
- Chalkup



*Thanks For Your Kind
Attention*

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