

## Initiatives for Online Learning [See link](#)

The Kerala State Higher Education Council, based on the UGC directive is uploading the details of online learning digital platforms which can be assessed by teachers, students and researchers in universities and colleges for broadening their horizon of learning.

In light of the outbreak of Corona virus(COVID-19), and with the country in a lockdown and with the government's call for adopting preventive measures and maintaining social distancing, the University Grants Commission(UGC) has released a list of initiatives by which the academic community can utilise their time productively by engaging in online learning and teaching.

The UGC, its Inter University Centres (IUCs)-Information and Library Network (INFLIBNET) and Consortium for Educational Communication (CEC), have several ICT initiatives in the form of digital platforms which can be accessed by the academic community.

**Following is the list of online learning websites and resources.**

### 1. SWAYAM online courses

SWAYAM a programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy. The courses hosted on SWAYAM are in 4 quadrants – (1) video lecture, (2) specially prepared reading material that can be downloaded/printed (3) self-assessment tests through tests and quizzes and (4) an online discussion forum for clearing the doubts. The learning experience is enriched by using audio-video and multi-media and state of the art pedagogy / technology. Courses delivered through SWAYAM are available free of cost to the learners, however learners wanting a SWAYAM certificate should register for the final proctored exams that come at a fee and attend in-person at designated centres on specified dates.

<https://storage.googleapis.com/uniquecourses/online.html>

This site provides access to best teaching learning resources which were earlier delivered on the SWAYAM Platform may be viewed by any learner free of cost.

### 2. UG/PG MOOCs

This site hosts learning material of the SAYAM UG and PG (Non Technology) archived courses

[http://ugcmoocs.inflibnet.ac.in/ugcmoocs/moocs\\_courses.php](http://ugcmoocs.inflibnet.ac.in/ugcmoocs/moocs_courses.php)

### 3. e-PG Pathshala

e-PG Pathshala is an initiative of the MHRD under its National Mission on Education through ICT (NME-ICT) being executed by the UGC. The e-content, curriculum-based, interactive in 70 subjects across all disciplines of social sciences, arts, fine arts and humanities, natural & mathematical sciences, It can be accessed at

<https://epgp.inflibnet.ac.in/#>

### 4. e-Content courseware in UG subjects

e-content in 87 undergraduate courses with about 24110 e content modules. It is available at:

<http://cec.nic.in>

## **5. SWAYAMPRAKHA**

Swayamprabha is a group of 32 DTH channels providing high-quality educational curriculum-based course contents covering diverse disciplines such as arts, science, commerce, performing arts, social sciences and humanities subjects, engineering, technology, law, medicine, agriculture, etc to all teachers, students and citizens across the country interested in lifelong learning. These channels are free to air and can also be accessed through your cable operator. The telecasted videos/lectures are also as archived videos on the Swayamprabha portal.

<https://www.swayamprabha.gov.in>

## **6. CEC-UGC YouTube channel**

Provides access to unlimited educational curriculum based lectures absolutely free.

<https://www.youtube.com/user/cecedusat>

## **7. National Digital Library**

National Digital Library is a digital repository of a vast amount of academic content in different formats and provides interface support for leading Indian languages for all academic levels including researchers and life-long learners, all disciplines, all popular form of access devices and differently-abled learners.

<https://ndl.iitkgp.ac.in>

## **8. Shodhganga**

Shodhganga is a digital repository platform of 2, 60,000 Indian Electronic Theses and Dissertations for research students to deposit their Ph.D. theses and make it available to the entire scholarly community in open access.

<https://shodhganga.inflibnet.ac.in/>

## **9. e-Shodh Sindhu**

e-Shodh Sindhu provides current as well as archival access to more than 15,000 core and peer-reviewed journals and a number of bibliographic, citation and factual databases in different disciplines from a large number of publishers and aggregators to its member institutions including centrally-funded technical institutions, universities and colleges that are covered under 12(B) and 2(f) Sections of the UGC Act.

<https://ess.inflibnet.ac.in>

## **10. Vidwan:**

Vidwan is a database of experts which provides information about experts to peers, prospective collaborators, funding agencies policymakers and research scholar in the country. Faculty members are requested to register on the Vidwan portal to help expand the database of experts.

<https://vidwan.inflibnet.ac.in/>

**The Table given below may be useful in this regard.**

S.No.	Resource	For students/Researchers	For Institutions
<b>Audio-Video e-content</b>			
1	<a href="#">SWAYAM</a> : Massive Open Online Courses	Earn credit through online courses	<ul style="list-style-type: none"> <li>- Encourage your extraordinary faculty to develop online courses</li> <li>- Accept credits awarded under SWAYAM</li> <li>- Form SWAYAM local chapters</li> </ul>
2	<a href="#">SWAYAMPBABHA</a> : View digital courses on TV	Watch high quality educational programs 24*7	Provide facility for viewing SWAYAMPBABHA content
<b>Digital content: access journals and e-books</b>			
1	<a href="#">National Digital Library</a> : e-content	Access e-content on multiple disciplines	<ul style="list-style-type: none"> <li>- Get your E-content listed</li> <li>- Form NDL Club</li> </ul>
2	<a href="#">e-PG Pathshala</a> : Gateway for e-books upto PG	Get free books and curriculum-based e-content	Host e-books
3	<a href="#">Shodhganga</a> : A reservoir of Indian Theses	Access Research Theses of scholars of Indian Institutes	Get research theses of your scholars to get listed on Shodhganga
4	<a href="#">e-ShodhSindhu</a> : e-journals	Get access to full text e-	Get access to full-text e-resources

S.No.	Resource	For students/Researchers	For Institutions
<b>Audio-Video e-content</b>			
		resources	
<b>Accelerated Hands on learning</b>			
1	<a href="#">e-Yantra</a> : Engineering for better tomorrow	Get hands on experience on embedded systems	Create e-Yantra labs for training in embedded systems in collaboration with IIT Bombay
2	<a href="#">FOSSEE</a> : Free/Libre and Open Source Software for Education	- Access and volunteer for the use of open source software - Become FOSSEE fellow	Run labs in open source
3	<a href="#">Spoken Tutorial</a> : Tutorial in IT application	Self-training in IT fields	Encourage eminent faculty to provide training content for self-learning
4	<a href="#">Virtual Labs</a> : Web-enabled experiments designed for remote – operation	Try curriculum based virtual experiments	Develop virtual experiments for Virtual labs suited to course curriculum in gap areas
<b>E – Governance</b>			

S.No.	Resource	For students/Researchers	For Institutions
<b>Audio-Video e-content</b>			
1	<a href="#">University Enterprise Resource Planning (SAMARTH)</a>	Student development Life Cycle	E-Governance for Institutions/Universities
<b>Track your progress</b>			
1	<a href="#">VIDWAN</a> : Expert Database and National Research Network  <a href="#">IRINS</a> : Indian Research Information Network System	Register on VIDWAN	Get your faculty registered on VIDWAN - Monitor research outcomes at different levels
2	<a href="#">ShodhShudhhi (PDS)</a> : Plagiarism Detection Software	Unique ideas, concepts and information without duplication.	- Encourage original information by preventing plagiarism. - Better research outcomes. - Reputation of the institution/university.