



# ILLL, DU

## Introduction to MOOC

---

Dr. Pankaj Kumar

29 June 2021

Fellow, Institute of Life Long Learning, DU

Assistant Professor

Department of Geography, Delhi School of Economics, University of Delhi

Event: "Introductory and Welcome Online Meet"

Institute of Life Long Learning, University of Delhi

This material is licensed under a [Creative Commons - Attribution 4.0 International License](https://creativecommons.org/licenses/by/4.0/)



1. Background (MoE)
2. Importance of MOOC
3. Expression of Interest
4. Sample MOOC Proposal

## Background (MoE)

---

**Whereas**, with a view to providing access to the best quality learning resources across the country, the project 'Study Webs of Active Learning for Young Aspiring Minds' (SWAYAM) has been started.

**Whereas**, SWAYAM provides an integrated platform and portal for online courses, using information and communication technology (ICT) covering High School till all higher education subjects and skill sector courses to ensure that every student benefits from learning material through ICT;

**Whereas**, SWAYAM is a:

- One-stop web and mobile based interactive e-content for all courses from High School to University level.
- High quality learning experience using multimedia on anytime, anywhere basis.
- State of the art system that allows easy access, monitoring and certification.
- Peer group interaction and discussion forum to clarify doubts
- Hybrid model of delivery that adds to the quality of classroom teaching

# Importance of MOOC

---

## UGC Letter dated 28th May, 2021

Sir/Madam, This is with reference to the UGC letter no D.O.F.No.1-1/2020 (SWAYAM) dated 26th March,2021,....which has an enabling provision for an institution to allow upto 40 percent of the total courses being offered in a particular programme in a semester through the online learning courses offered through the SWAYAM Platform [UGC Letter](#)



In the current scenario of the second wave of the COVID-19, Universities/Colleges are requested to make optimum use of the SWAYAM online platform for the benefit of the students/learners. The list of 83 UG/40 PG MOOCs courses, which are ready to be offered on the SWAYAM platform in July-October Semester 2021 is enclosed herewith and may also be seen at [UGC Letter](#)

## Expression of Interest

---

The screenshot shows a web browser at the URL [swayam.inflibnet.ac.in](http://swayam.inflibnet.ac.in). The page header includes the SWAYAM EOI logo with the tagline "PROPOSAL FOR COURSE DEVELOPMENT" and navigation links for "Proposal", "Contact", "Downloads", "FAQs", and "Login". The main heading is "Expression of Interest". Below this, a text block states: "Proposals are invited from eligible faculty for the development and offering of online courses through SWAYAM for different Undergraduate and Postgraduate programs." A navigation bar contains five tabs: "INTRODUCTION", "SCOPE OF WORK", "ELIGIBILITY", "GUIDELINES", and "SUBMISSION OF PROPOSAL". The "INTRODUCTION" tab is active, displaying three numbered points:

1. SWAYAM (Study Webs of Active Learning for Young Aspiring Minds) is India's own MOOCs (Massive Open Online Course) platform, which offers free online courses on almost all the discipline to students/learners. The objective is to ensure access to the best teaching learning resources to all, including the most disadvantaged. The courses delivered on SWAYAM are expected to reduce the digital divide by providing access to best content to all. These courses are developed by reputed teachers in the country and available free of cost. By integrating SWAYAM MOOCs with conventional education the learning outcomes of the students are expected to improve in coming days.
2. About 2000 courses in all discipline are available on SWAYAM and 1.6 crore students/learners have been enrolled, since its launch in 2017. In January, 2020 semester, a total of 574 courses in various disciplines were offered and around 26.03 lakh students/learners got enrolled. These courses thus provide a lot of visibility and recognition to the faculty and the institute offering the course, across the country and also abroad.
3. All courses offered through SWAYAM are fully recognized and eligible for credit transfer as per the UGC (Credit Framework for Online Learning Courses through SWAYAM) Regulation, 2016. An institution can allow up to 20 % (which is under review and proposed to be extended up to 40%) of the total courses being offered in a programme in a semester through the online courses offered through SWAYAM platform. A copy of the same is attached at Annexure-I. Faculty is advised to go through the regulation for better understanding of structure of the framework.

Figure 1: Introduction

2. SWAYAM teaching and learning pedagogy is based on four quadrant approach, as given below: -

- **Quadrant-I:** Teaching content which could include teaching video and audio in organized form, animation, simulations, video demonstrations, virtual labs, interviews and soon etc, along with transcription of videos. All these depend on the concerned subject and the pedagogical strategy adopted by the teacher.
- **Quadrant-II:** The second quadrant is references or further learning resources, which typically is a webpage with curate hyper links to relevant quality contents across the internet. This may include self-instructional materials, e-Books, illustrations, case studies, open source content on internet, research papers & journals, anecdotal information, historical development of subjects, articles etc.
- **Quadrant-III:** This is a Discussion Forum for raising doubts by learners and providing clarification on a near real time basis by the Course Coordinator or his team members.
- **Quadrant-IV:** Assessment, which shall contain problems and solutions, could be in the form of MCQ, fill in the blanks, matching questions, short answer questions, long answer questions, quizzes, assignment and solutions, clarification on general misconceptions.

3. Similar to classroom courses that are divided into various units, SWAYAM courses are divided into various modules. Each module covers a section of the syllabus. A module consists of about 25-30 minutes of video, broken into three to four smaller length videos. Continuous video lecture of longer duration may be avoided, as it is difficult for a student to keep concentrated for more than 10-15 minutes in one stretch. To make the lecture more engaging, some activities/quizzes etc. may be included with a pause during video play. Duration of SWAYAM course is usually 8 to 12 weeks. Total video hours in a course, including all modules, should not exceed 20 to 25 hours of videos. Depending on the subject and teacher's style of teaching, these modules are distributed over weeks, covering the entire course. Each week will begin with a brief introductory video of around Two minutes in duration introducing contents of that specific week. Module videos and assessments of the week will be released on scheduled days. Each week would conclude with a brief sum-up video of around 3 minutes reviewing concepts that are covered in that specific week.

Figure 2: Scope of Work

- Applicant should be a Faculty member in a duly recognized institute/university/college holding PhD and having a minimum of 5 years of teaching experience in the concerned discipline.
- The Faculty employed in University/College would be required to submit a consent letter of the Host University to offer the online course through SWAYAM

1. SWAYAM Guidelines
2. Financial Norms

# Submission of Proposal

swayam.inflibnet.ac.in

Apps Search Facebook India-WRIS Version... www.ilo.org/public... https://sustainable... Inbox - pankajdas... India WRIS Data Do... Other bookmarks

**SWAYAM EOI**  
PROPOSAL FOR COURSE DEVELOPMENT

Proposal

Proposal Contact Downloads FAQs Login

## Expression of Interest

Proposals are invited from eligible faculty for the development and offering of online courses through SWAYAM for different Undergra

**INTRODUCTION** **SCOPE OF WORK** **ELIGIBILITY** **GUIDELINES** **SUBMISSION OF PROPOSAL**

### Courses

This is ongoing process Currently, more than 364 courses have been identified among twelve subjects. More subjects / cours

**Level**  **Subject:**

**Select Course**

- Cartographic Techniques (Practical)
- Human Geography
- Thematic Cartography (Practical)
- Statistical Methods in Geography (Practical)
- Economic Geography
- Environmental Geography
- Field Work and Research Methodology (Practical)
- Regional Planning and Development
- Remote Sensing and GIS (Practical)
- Evolution of Geographical Thought
- Disaster Management based Project Work (Practical)
- Remote Sensing (Practical)
- Advanced Spatial Statistical Techniques
- Geographical Information System (Practical)
- Research Methods (Practical)
- Population Geography
- Resource Geography
- Urban Geography
- Geography of Health and Wellbeing

**Select Course**

If you are eligible and interested to offer an online course through SWAYAM , you may please proceed to submit the proposal .

Registration for submitting the proposal

Figure 3: Submission of Proposal

# Sample MOOC Proposal

---



# Course Upload Dashboard

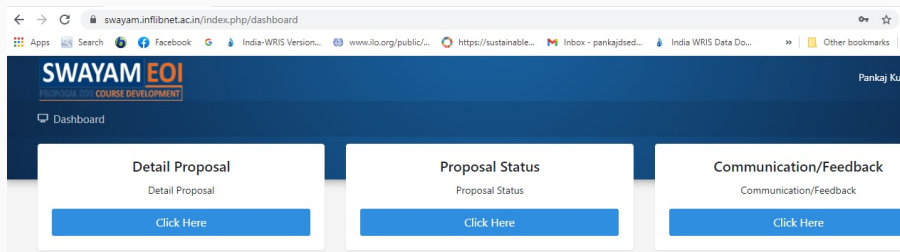


Figure 4: Course Coordinator Dashboard