

open digital
education



What is MOOCs including UGC Regulations & its Adoption.



A DISCUSSION AT TEZPUR
UNIVERSITY ON 16 NOVEMBER 2018

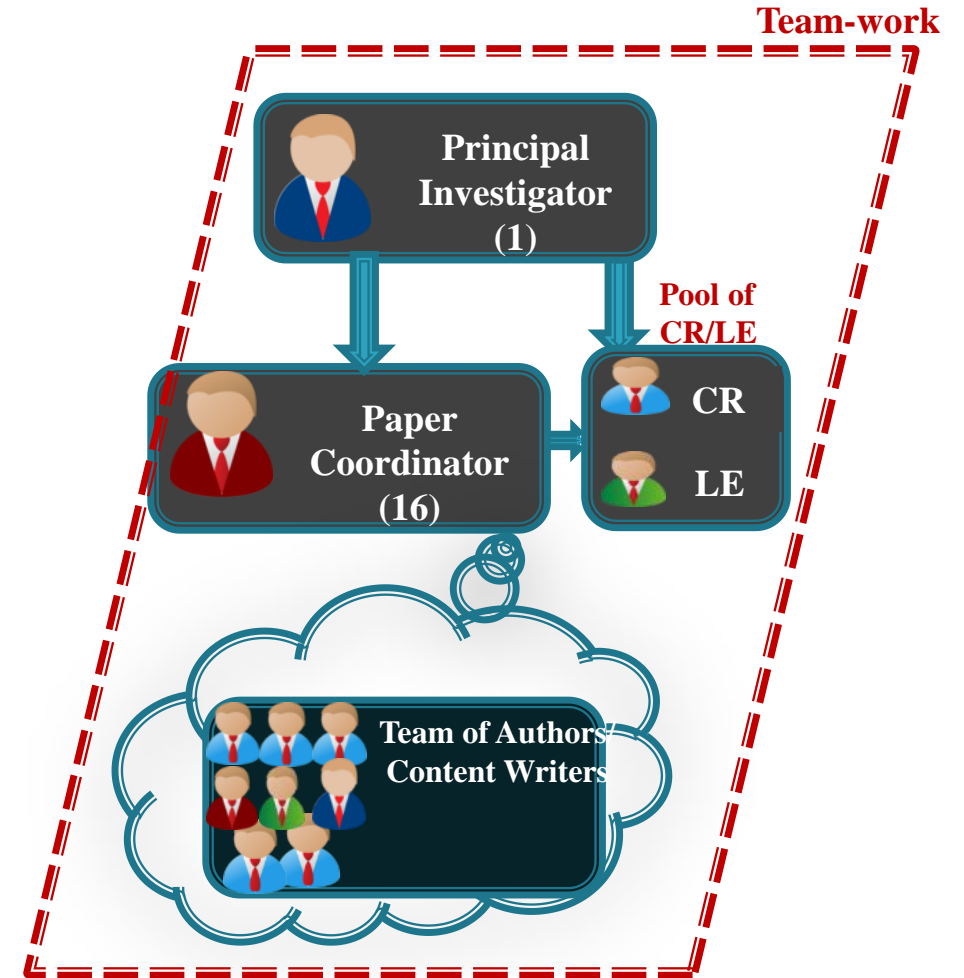
E-content development under E-PGP

Developing e-content

Four Quadrant approach

Each Module comprises of

- a) e-text = textual material
- b) Self- learning = audio / video component
- c) Self assessment = Questions
- d) Learn More = further reference material



Present Status of e-PG Pathshala

Videos/e-text available on e-PG Pathshala web

20,000+



Visitors on e-PG Pathshala (Globally)

34 lakh+

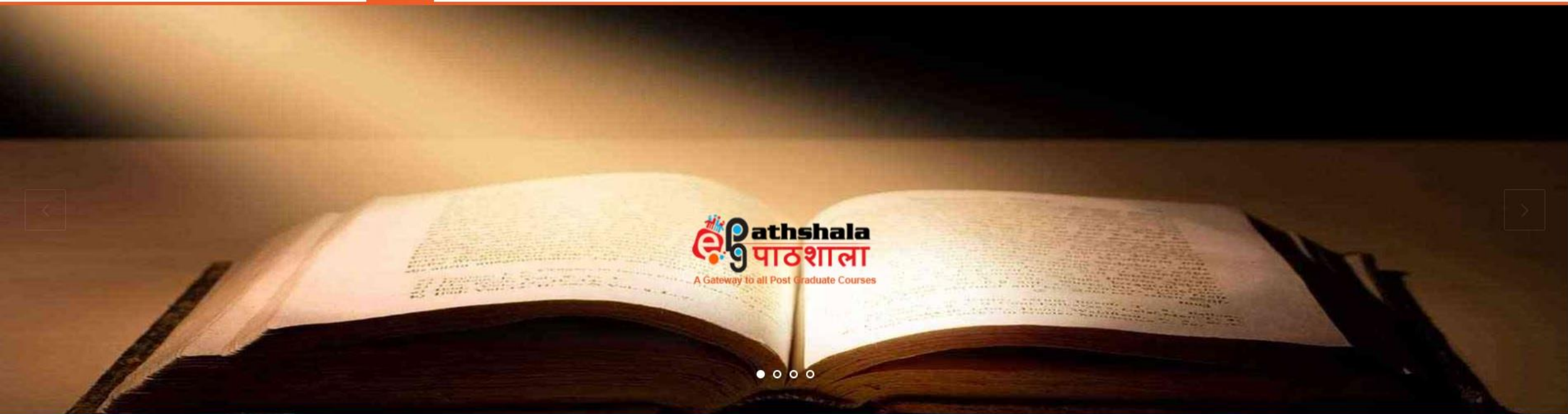
E-content of e-PG Pathshala **used for developing MOOCs on SWAYAM** and for telecasting videos on **10 DTH Channels under Swayam Prabha** project



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e PG Pathshala A Gateway to A... ⌚ ➡



About

An MHRD, under its National Mission on Education through ICT (NME-ICT), has assigned work to the UGC for development of e-content in 77 subjects at postgraduate level. The content and its quality is the key component of education system.

High quality, curriculum-based, interactive content in different subjects across all disciplines of social

Subject Category

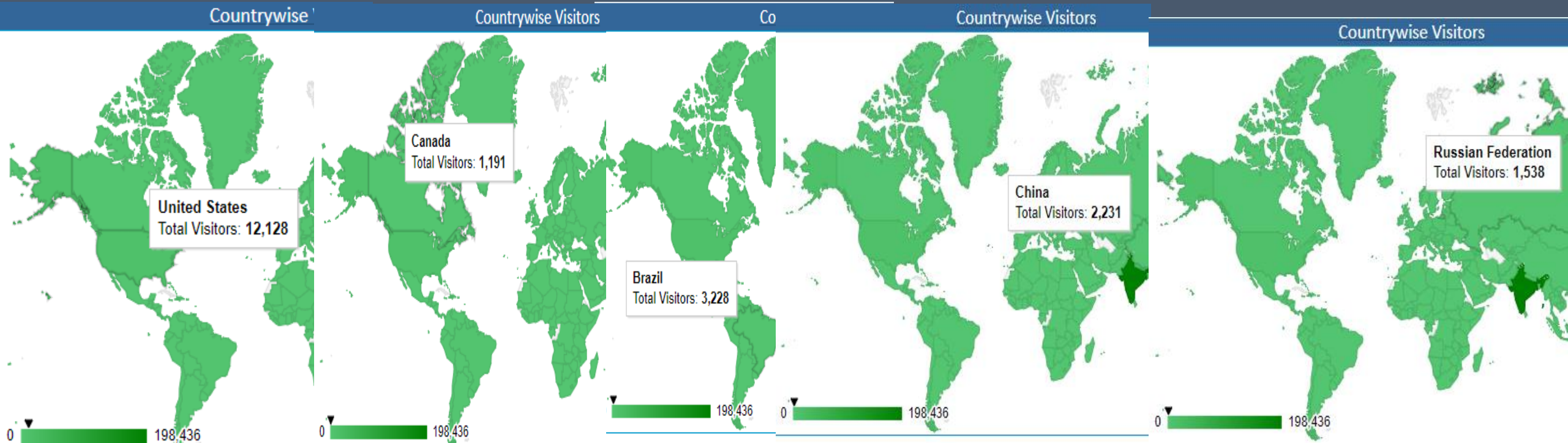
-  Arts, Humanities & Languages +
-  Engineering & Technology +
-  Life Science +
-  Medical & Health Sciences +

Impact Analysis of e-PG Pathshala

e- Content is available in open access at www.epgp.inflibnet.ac.in

International visitors – 12128+ from USA, 3228+ from Brazil, 2231+from China, 1191+ from Canada and 1538+ from Russian federation)

Total visitors - 33.63lakh (as on 15th January, 2018)



MOOCs - A different educational space

Boundary less Institute / University

Massive – Large enrolment numbers

Open - No mandatory qualifications – Open to all

Online – Fully online

Course - Structured course content

is an online course aimed at unlimited participation and open access via the web.

The basic philosophy of MOOCs is 3A's i.e., Anytime, Anyone, Anywhere.

NATIONAL COORDINATORS

National MOOCs Coordinator	Sectors
University Grants Commission (UGC)	Non-Technology Post Graduate Degree Programs
NPTEL	Technical/Engineering UG & PG degree programs
Consortium for Educational Communication (An IUC of UGC)	Non-Technology Under Graduate degree programs.
IGNOU	Diplomas and Certificates
NCERT	School Education from Class 9 th to 12 th .
NIOS	School Education from Class 9 th to 12 th .
IIM Bangalore	Management programs.
NITTR, Chennai	Teacher Training programs.

Difference between e-content and MOOCs

E-PG Pathshala (OER)

E-PG Pathshala provides e-content in four quadrants. It can be accessed as **Open Educational Resource (OER)** where no teacher support/hand-holding for students is available.

MOOCs

MOOCs has teacher-student groups where MOOC coordinator/teacher interacts with the learner. A learner can earn certificate/credit on successful completion of MOOCs course on SWAYAM.



MHRD | Government of India
Ministry of Human Resource Development



All India Council for Technical Education

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LOGIN

ENGLISH



HOME ABOUT SWAYAM ALL COURSES FACULTY INSTITUTIONS



SWITCH TO SMART EDUCATION.

Learning made easy with SWAYAM,
An MHRD initiative

DISCOVER YOUR LEARNING PATH

SCHOOL ^

Not finished school yet?

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CERTIFICATE v

DIPLOMA v

UNDERGRADUATE v

POST GRADUATE v

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PROGRAM
CATEGORIES

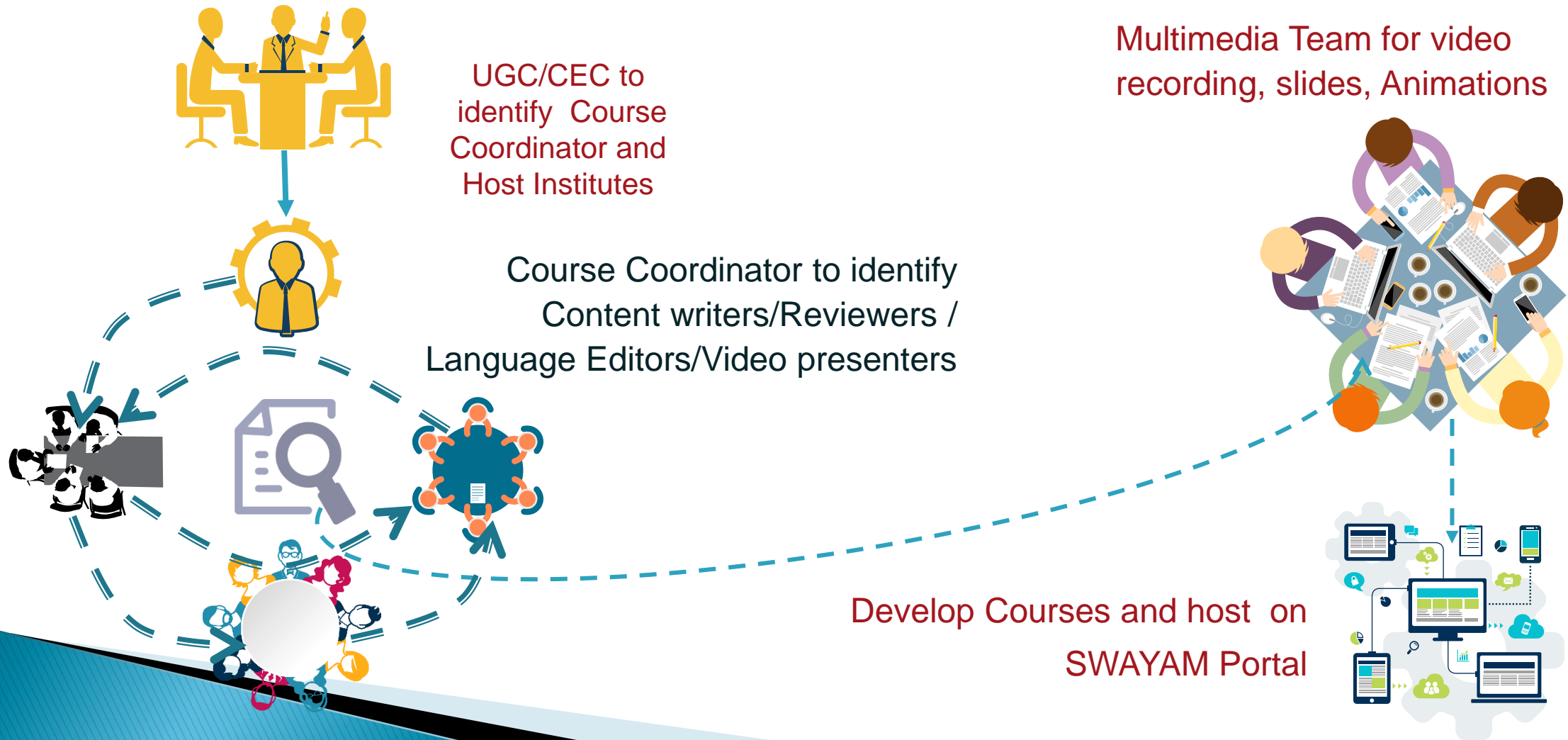
> SCHOOL (20)
> IIT PAL (0)

> CERTIFICATE (7)
> UNDERGRADUATE (130)

> DIPLOMA (2)
> POSTGRADUATE (119)

Close

Making and Hosting of MOOCs Courses



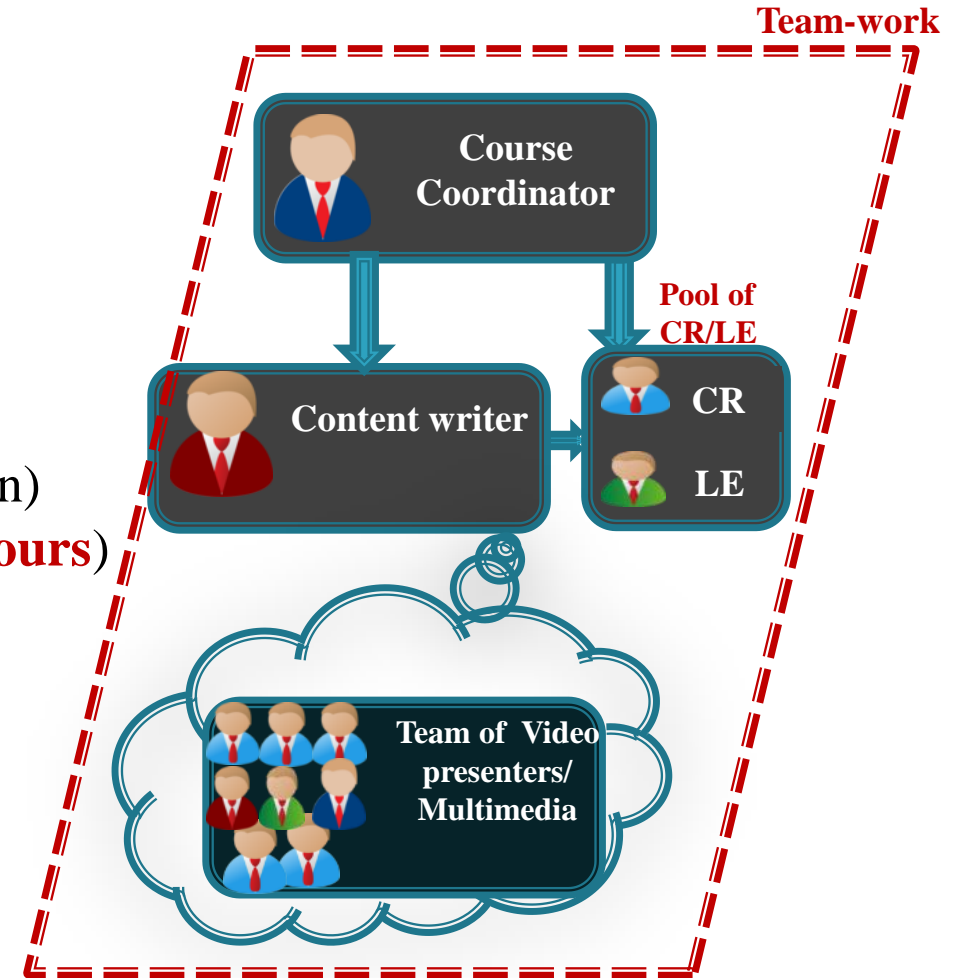
MOOCs development under SWAYAM

Developing MOOCs

1 Course = 1 Paper (**content to be spread over 15 weeks, comprising of about 40 hours of learning for a 4 credit course**)

Each week to have


- a) e-text (slides/written text)
- b) Audio / Videos (each video to be of 10-12 minutes duration)
(**Video duration for the entire course to be about 20 hours**)
- c) Assignments (2 -3 in the entire course)
- d) Self assessment Questions
- e) Discussion Forums
- f) Quizzes (2-3 in the course)
- g) Activities
- h) References (video/ web links)



Structure of the MOOCs Course

- ▶ **Course introductory video for the entire course :-** 5-7 minutes duration(Covers Course objectives, description, structure & brief about course content / curriculum , pre-requisites & learning outcomes of the course, grading scheme, number of credits offered)
- ▶ **Week Introductory Videos(for every week) :-** 1-2 minutes video covers the week-wise description & brief content and activities to be undertaken in the week.

Week-wise Content

- ▶ Will include the course content in forms of texts & videos, self-assessment questions, activities, discussion forums & references.
 - A. E Text
 - B. Video– Self Learning
 - C. Presentation – PPTs
 - D. Self Assessment
 - E. Learn More
- 

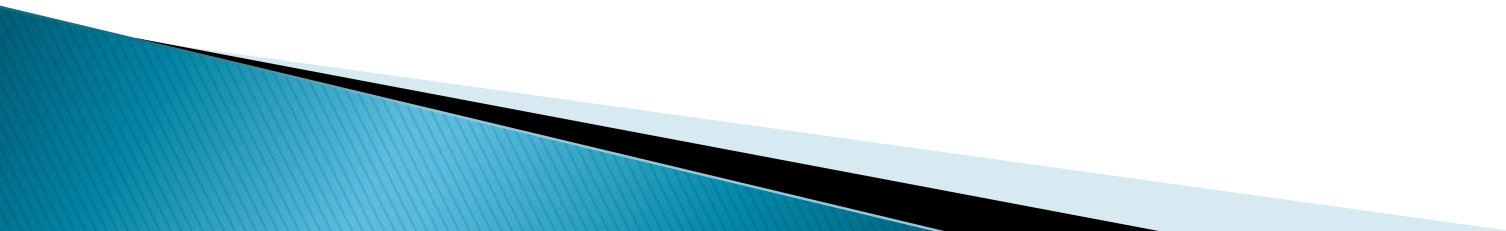
E Text– Doc file or PDF

- Consult/Study the syllabi of several universities before finalizing
- Identify content writers from Universities other than CC's own
- Text document consists of 3000 words (at least 8 to 10 pages) in each module. A summary at the end will help the learner to quickly review the entire text.
- The text should be enriched with multimedia supplements (images, hand drawings, maps, graphs etc. wherever possible
- Self check exercises (Problems with answers be given to learners that allow them to assess to how they are doing on a continuing basis)
-

▶ E Text– Doc file or PDF

- Self check exercises (doing them online with grading) provides immediate feedback
- Multimedia supplements may include images, animations, graphics, line drawings, hand drawings etc.

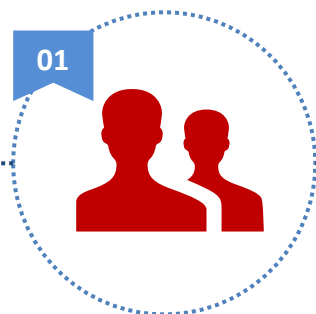
Video/Self Learning



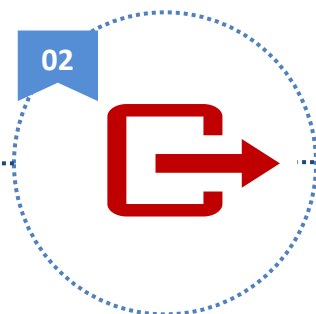
Structure of the MOOCs Course

- ▶ **Course introductory video :-** 5 minute duration(Covers Course objectives, description, structure & brief about course content / curriculum , pre-requisites & learning outcomes of the course)
- ▶ **Week Introductory Videos(15) :-** 1-2 minutes video covers the week-wise description & brief content and activities to be undertaken in the week.
- ▶ **Week Content (15) :** Will include the course content in forms of texts & videos, self-assessment questions, activities, discussion forums & references.
- ▶ **Week sum-up videos (15) :-** 1-2 minutes summing up video covers the content taught in the week.
- ▶ **Quizzes & Assignments (2-3 in a course)**
- ▶ **Assessment Plan :-** Grading Scheme: Allocation of marks (in percentage) to Assignments, quizzes, and Final Examination.

Life Cycle of A MOOCs Course



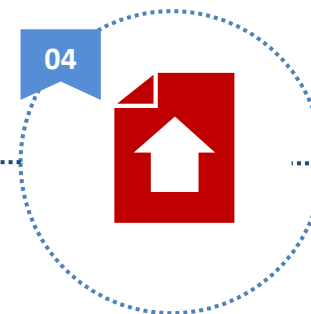
Course proposal and approval



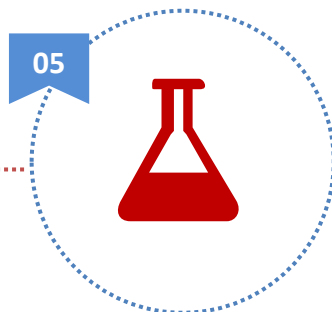
Content Development
&
Repurpose (if required)



Consent from University
(for credit)



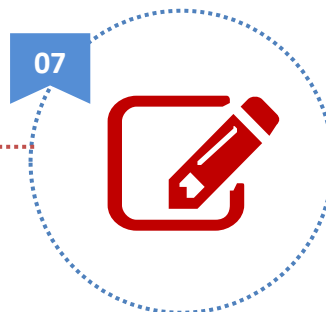
Course Announcement,
Content uploading,
Student Enrolment



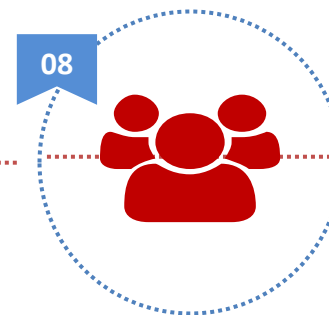
Course Delivery



Student Activity and Interact
with student through forum
and chat



Proctored Examination



Certification and Credit
Transfer from the host
institute

UGC (Credit Framework for Online Learning Courses through SWAYAM) Regulation, 2016

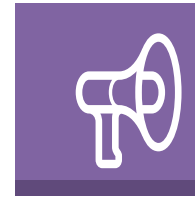
Learning Courses



Issued on 19th July 2016

Online learning courses to
be available on SWAYAM

Notification



SWAYAM to notify courses on
June 1 & Nov 1, every year

Credit Transfer



Courses on SWAYAM
permitted for credit transfer



Choice of Courses

Up to 20% courses in a
Program can be on SWAYAM

Step by step procedure to be adopted by Universities for adopting MOOCs on SWAYAM



Step-2: Select the Courses

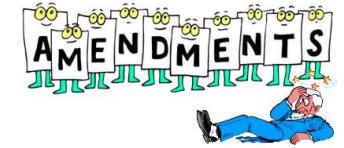
The University shall **select the courses** to be permitted for credit transfer through SWAYAM. (eg courses in high demand for which faculty is not available, elective courses or for supplementing teaching-learning process) while ensuring **that physical facilities** like laboratories, computer facilities, library etc. required for the course are made available free to the students in adequate measure.



Step-4: Disseminate Information

The University should **widely disseminate information about selected courses** to the students through faculty members, notice boards, student forums, workshops and university website etc.

Step-1: Make Amendments



The University through their Competent Authority (EC, AC, BOS), should **make amendments in their Ordinances, Rules, Regulations** to incorporate provisions for transfer of credits for MOOCs courses as per **UGC Regulations**.

Step-3: Designate Course Coordinator



The University must **designate a Course Coordinator/facilitator** to guide the students throughout the course and to facilitate/conduct the Lab/Practical sessions/examinations.

Steps Continued...



Step-6: Evaluation

The Host Institution shall **evaluate the students registered for MOOCs courses** based on discussion forums, quizzes, assignments, sessional and final examinations. The University to assist Host Institution in conducting the final examination.



Step-8: Certificate

On receipt of MOOCs completion certificate from Host Instt, the University to give equivalent credit weightage upto 20% for the credits earned through SWAYAM. **No University shall refuse any student for credit mobility for courses earned through MOOCs.**



Student
Registration

22

Step-5: Course Registration

University to facilitate registration of students. Every **student enrolled for the course** in the University must register for the MOOCs course.



Step-7: Marks of the Students

The University shall incorporate the marks/grades communicated by the Host Institution in the final mark sheet of the student which counts for award of degree/diploma. However, the University shall **evaluate the students for the practical/lab component** and incorporate these marks/grades in the overall mark sheet of the student.

IPR Issues and Copyrights

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Thank You