

# Production & Development of MOOCs courses on



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Courses on SWAYAM Background

Self decision on/for course coordinator


Homework before Content Creation

Content Creation

Content delivery & Exp with learners



# Background

- 
- 01 The Universities and Institutes may encourage faculty members of their university/institute to develop quality MOOCs courses (ICT for teaching and global visibility).
  - 02 Universities and Institutes may encourage their best faculty to come forward and apply on the UGC MOOCs website (<http://ugcmoocs.inflibnet.ac.in/>) for developing MOOCs
  - 03 Financial assistance for development of a 4 credit MOOCs courses is 13.5 lakh.
  - 04 Eligible (2f/12B) to receive central assistance may apply to UGC and other institute may apply to AICTE.

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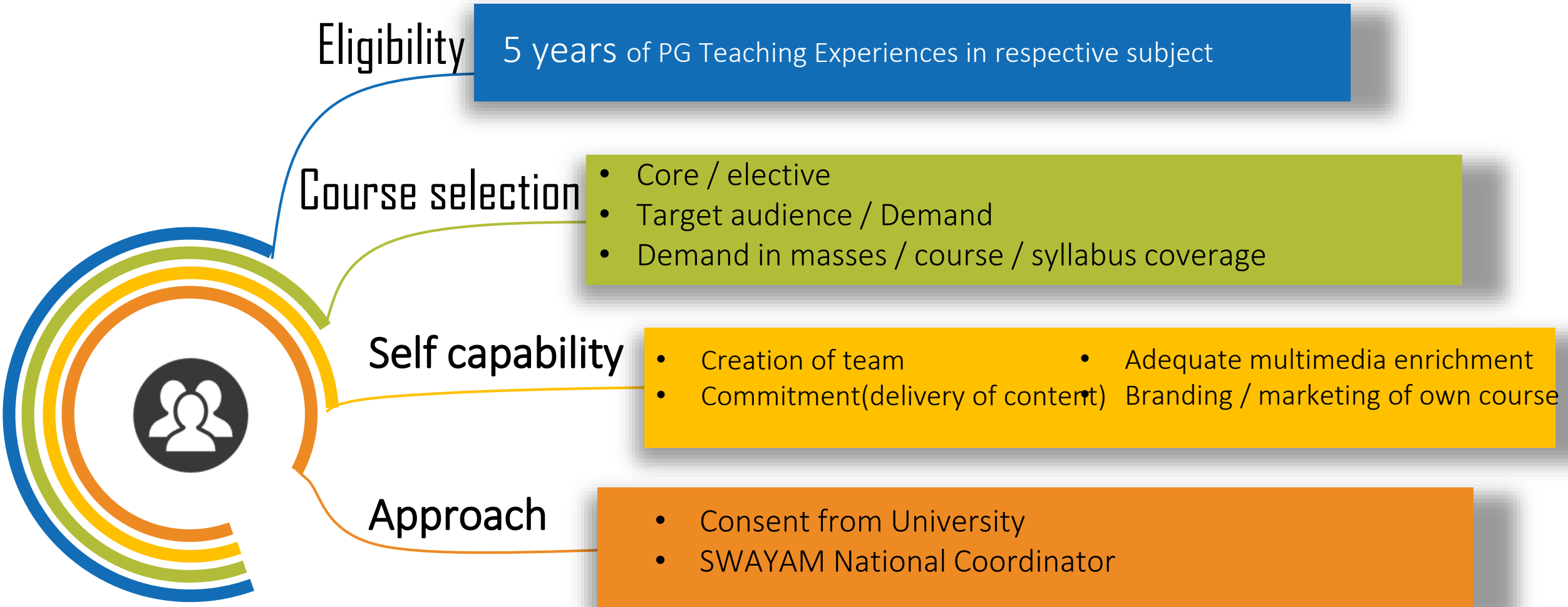
self-actualisation providing  
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# Mindset before taking decision



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# Homework before content creation



## Team

- SMEs
- Reviewer
- Editor
- Multimedia team (studio, animations, etc)



## Introductory Video

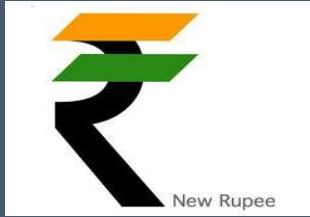
- Introductory video (5 min)
- Approach to Uni Swayam Cod
- Sample from SWAYAM / UGC MOOCs site



## Proposal

- <http://ugcmoocs.inflibnet.ac.in>
- 15 weeks course content detail (only topics name & its content stakeholders)
- Wait for UGC response (SMEs group, Academic Advisory council)

# Process after approval of course



## Fund

- 10% of 13.5 Lakhs
- Host institutes
- One week program

## Content

- One week content to be deliver as per proposal
- Need approval of content from UGC
- After confirmation remaining work to be executed

## Interaction through SWAYAM

- UCG invitation as a course creation
- Login credential for each course
- Upload content in library
- Create the course and upload the content as per schedule
- Course conduct / delivery



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## Volume of work



**Structure of the MOOCs Course**

0

Course introductory video (5-7 minute duration)

*(Course objectives, description, structure & brief about course content / curriculum , pre-requisites & learning outcomes of the course, duration of the course , grading scheme, and number of credits offered)*

0

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.*

0

Week-wise Content & Activities

*include the course content in the form of texts & videos, self-assessment, questions, activities, discussion forums & references.*

# E-Learning Element

Adequate volume of  
e-Text(8-10 pages/  
3000 words)

E-text



video (25-30 Min divide in 3 part  
(10 min each)

Multimedia, Animation, Documentary, Simulation,  
Graphics and Virtual Lab appropriately.

Self learn



University logo/name/animation is not permissible in the MOOCs  
development

**Assessment** \* Multiple Choice Questions



- \* True or False Statements
- \* Sequencing
- \* Match the columns
- \* Fill in the blanks

**Learn More**



- \* Glossary
- \* Timeline
- \* Web links / references
- \* Interesting facts
- \* Did you know

Audio Channel 1 to  
have Mixed Audio

Module Delivery:  
1080i following  
MPEG-4 AVC  
Compression

Font size:  
Heading: 24-30;  
Sub-heading: 22-  
26; Body: 20-24;

Videos aspect  
ratio: 16:9  
(widescreen).

Full screen Video  
Frame, space of  
the Video should  
be utilized

Video recording  
format: Full HD  
1920x1080 pixels.



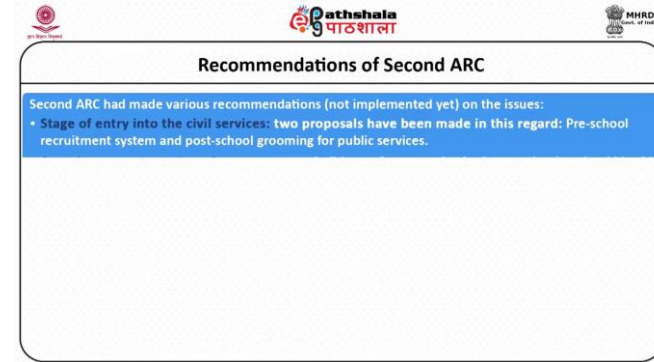
- The Video duration for the entire course to be about **20 hours for 4 credit course**. The duration of full one module Video should **be 25-30 Minutes (or more)**, which shall be broken into videos of about 8-10minutes to engage the students attention throughout the course.
- Video tutorial which will explain the concept of a module, should be initiated by the teacher with appearances (generally **less than 25% of the total time**, not more than 6 minutes) in-between the section/sub-sections of the topic and the entire topic should be in video timeline full of graphics, animations, PPT and not merely the content. Content delivery through Video is an essential component of each module that needs to be incorporated to explain the topic. It must include:- Multimedia, Animation, Documentary, Simulation, Graphics and Virtual Lab appropriately.

# Don't Do

## Eye Contact



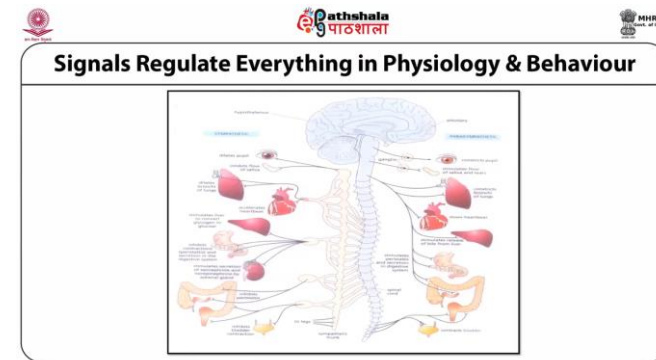
## Blank Slide / Synchronization Issue



## View in Computer/Laptop



## Text Not Visible



Do

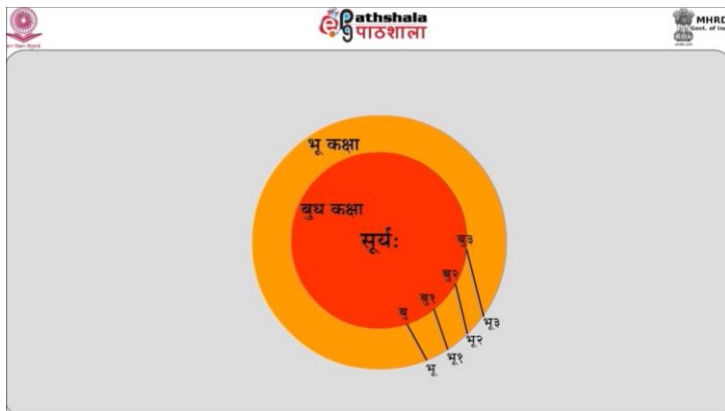
### Eye Contact



### Demo



### Describe through Graphics



### Energetic presentation



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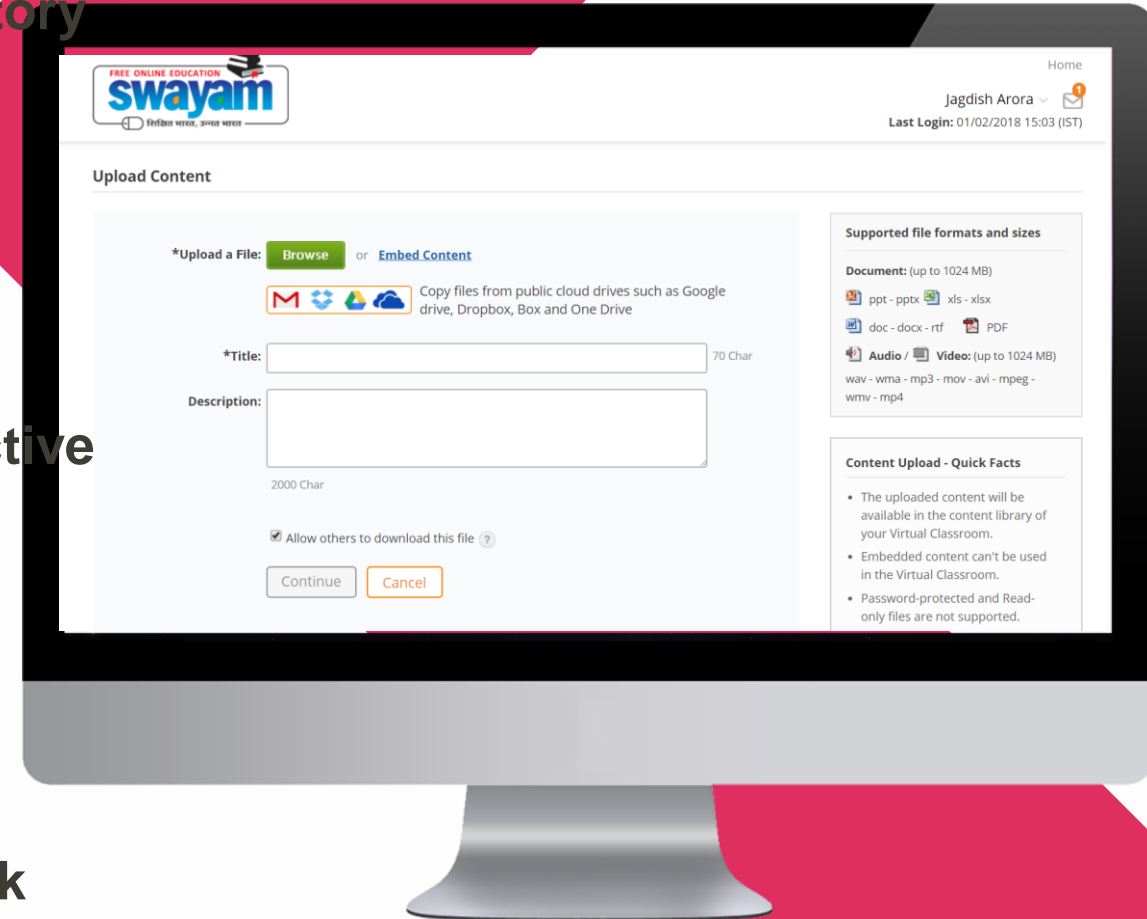
**Content delivery & Exp with learners**





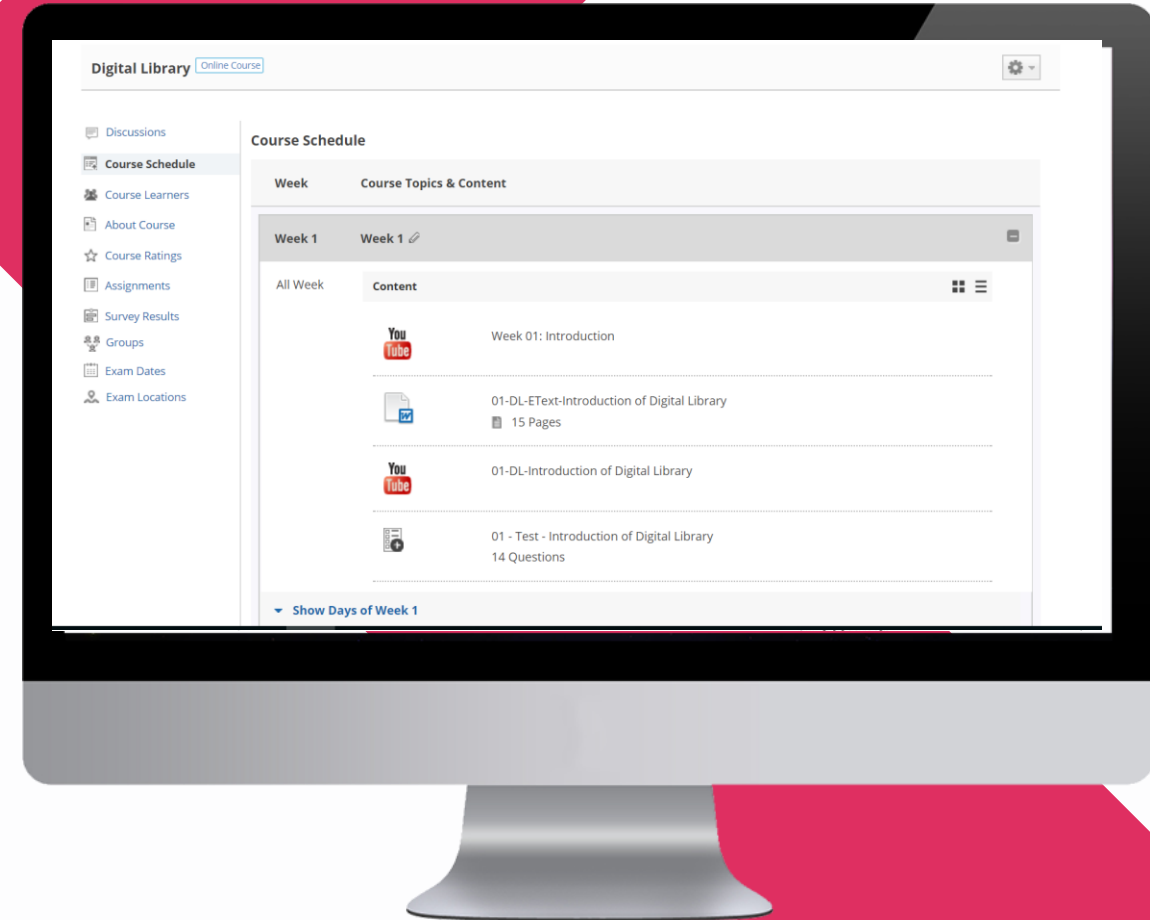
# Course Announcement / Content Uploading

1. ~~Announce the course on SWAYAM portal~~
1. Course Introduction video & weekly introductory video
1. Upload the e-text to the content Library and arrange the content as per course schedule
1. Embed the video from Youtube for the respective module (self learn)
2. Upload self assessment questions for each modules
3. Upload activities and assignments every week



# Student Enrolment and Course Delivery

1. **Announce the course through SWAYAM and invite student to enroll into the course through social media, e-mail, formal and informal arrangements**
1. **Invite co-faculty to handle the course and invite the teaching assistant to assist the course coordinators**
2. **Deliver the course through SWAYAM as per the schedule**



# Student Activity and Interact with student through forum and chat

- ✓ **Send message and other regular notification to the learners through SWAYAM Platform**
- ✓ **Student could start the discussion and the course coordinator moderate the discussion**
- ✓ **Queries from the learners addressed by the fellow learners and coordinators**
- ✓ **Learning progress of the learners could viewed by student and coordinators**
- ✓ **Weekly assignment submitted by the students**
- ✓ **Coordinators review the assignment and give the grade / or return to the student with his / her comments (for resubmission, if required)**



# Proctored Examination

- ✓  **Learners get weightage by SWAYAM portal for each activity such as**
  - ✓  **Reading the course material on the portal**
  - ✓  **Watching the video**
  - ✓  **Self assessment**
  - ✓  **Submission of assignment (by coordinator)**
- ✓  **Eligible students are invited for the survey to know their willingness and preferable location to attend the proctored examination**
- ✓  **Learners get the credit based on the learning behavior and proctored examination**

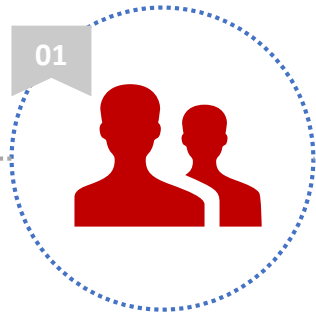


## Credit Transfer from the host Institute

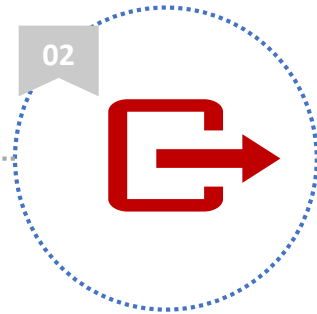
- ✓ Learner gets the grade / weightage for weekly assignments, activities, quizzes, progress made, etc.
- ✓ Proctored examination
- ✓ Certificate or Credit transferred to his / her university



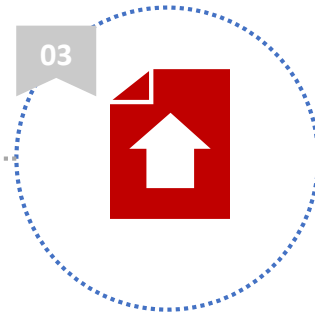
# Life Cycle of MOOC Course (Creation to Delivery)



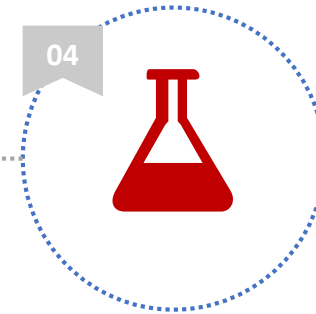
Course proposal and Approval of the course & Promote the Course



Content Development & Repurpose



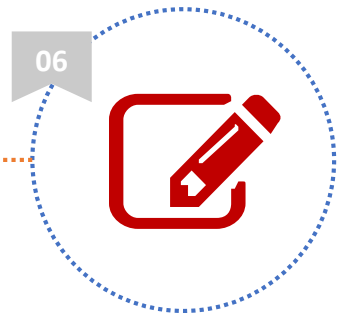
Content upload



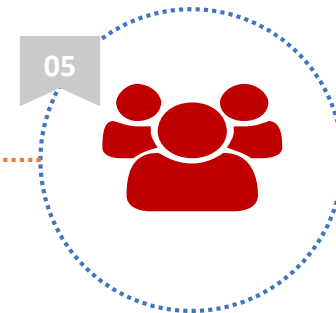
Student Enrolment and Deliver course



Credit Transfer from the host institute



Proctored Examination



Student Activity and Interact with student through forum and chat

## **GUIDELINES TO AVOID PLAGIARISM**

- *CC to obtain copyright clearance from Content writers for any readings, images, and video clips used as core and supplementary reading in case of licensed material if used.*
- *Direct references to specific materials should be avoided in video content or other course material till clearance has been obtained.*
- *CC to ensure that content is NOT plagiarised.*
- *UGC/INFLIBNET has provided universities with anti- plagiarism software to check plagiarism.*
- *Online freely available software –[plagiarism-detect.com](http://plagiarism-detect.com)*
- *It shall be ensured that the proper credit and reference is given by the author about the source used in video or in e-text.*

Thank you