



# Visvesvaraya Technological University, Belagavi

(State University of Government of Karnataka Established as per the VTU Act, 1994)

VTU Centre for Online Education (VTU-COE)

## Annexure VI

### QUALITY ASSURANCE GUIDELINES OF LEARNING MATERIAL IN MULTIPLE MEDIA AND CURRICULUM AND PEDAGOGY

University has been following the standards laid down by UGC DEB rules and regulations 2020.

#### A. For Online mode

##### E-Learning Materials Quality Standard:

1. The online courses should comply with the following Quality standards, namely:-
  - (i) The courses should follow the following four quadrant approach, as per the SWAYAM Guidelines:-
    - (a) Quadrant-I is e-Tutorial: which shall contain: Video and Audio Content in an organized form, Animation, Simulations, video demonstrations, Virtual Labs, etc, along with the transcription of the video.
    - (b) Quadrant-II is e-Content: which shall contain; self-instructional material (digital Self Learning Material), e-Books, illustrations, case studies, presentations etc, and also contain Web Resources such as further references, Related Links, Open source Content on Internet, Video, Case Studies, books including e-books, research papers and journals, Anecdotal information, Historical development of the subject, Articles, etc.
    - (c) Quadrant-III is the Discussion forum for raising of doubts and clarifying the same on real time basis by the Course Coordinator or his team.



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- (d) Quadrant-IV is Assessment: which shall contain; Problems and Solutions, which could be in the form of Multiple Choice Questions, Fill in the blanks, Matching Questions, Short Answer Questions, Long Answer Questions, Quizzes, Assignments and solutions, Discussion forum topics and setting up the FAQs, Clarifications on general misconceptions.
- (ii) The courses shall be rich in innovative presentation techniques to ensure that learner attention is retained.
- (iii) It shall be the responsibility of the Course Coordinator to ensure that none of the graphics, animations, images, sound clips, video clips used are plagiarized or cited without formal permissions from owners.
- (iv) A four-credit course shall typically have 20 hours of video content and 20 hours of reading material.
- (v) For Quadrant III for every 250 learners registered for a programme one Mentor can be appointed per course to facilitate the Course Coordinator. The Mentor shall be the subject matter expert adept in handling technology. The Course Coordinators and Mentors shall need to participate actively in the Discussion Forum. Apart from discussion forum other interactive platforms like web conferencing may also be considered.

**Table 1: Norms for offering Degree programmes through Open and Distance Learning mode and/or Online mode, based on credit system**

S. No.	Level of the Programme	Duration of the programme	Credits
1	UG	03 Years	80
2	PG	02 Years	120
3	PG Diploma	02 Years	120



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Table 2: Norms for Delivery of Courses in Online Mode

Sl. No.	Credit value of the course	No. of Weeks	No. of Interactive Sessions		Hours of Study Material		Self-Study hours including Assessment etc.	Total Hours of Study (based on 30 hours per credit)
			Synchronous Online Counselling/ Webinars/ Interactive Live Lectures (1 hour per week)	Discussion Forum/ asynchronous Mentoring (2 hours per week)	e-Tutorial in hours	e-Content hours		
1	2 Credits	6 Weeks	6 Hours	12	10	10	22	60
2	4 Credits	12 Weeks	12 Hours	20	20	20	44	120
3	6 Credits	14 Weeks	28 Hours	30	30	30	66	180
4	8 Credits	16 Weeks	32 Hours	40	40	40	88	240

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