DESIGNING LEARNER - CENTRIC MOOCS

MULTI FACULTY

TYPE OF COURSE : Rerun | Elective | PG
COURSE DURATION : 4 weeks (24 Jan’ 22 - 18 Feb’ 22)
EXAM DATE : 27 Mar 2022

INTENDED AUDIENCE : Teachers, MOOC creators
INDUSTRIES APPLICABLE TO : Companies creating online courses. L&D (Training) divisions in companies across various sectors

COURSE OUTLINE :

Massive Open Online Courses (MOOCs) have become a popular avenue for diverse learners to upgrade their knowledge and skills. Instructors who are new to creating MOOCs tend to focus on the use of technology features to mimic their classroom actions. While it is necessary to be aware of the technology affordances, it is more important to focus on the pedagogy of how to use the MOOC features effectively to foster student engagement and learning. Hence MOOC instructors need a set of design principles and guidelines to create a learner-centric MOOC.

In this course, we will discuss the Learner-Centric MOOC (LCM) model, and how to apply it to create effective MOOCs.

ABOUT INSTRUCTOR :

Prof. Sahana Murthy is Professor in the Educational Technology interdisciplinary program at IIT Bombay. Her research interest is in developing students’ problem-solving, design thinking and inquiry practices in STEM domains via interactive technology enhanced learning environments.

Prof. Gargi Banerjee is a Research Scientist in the Interdisciplinary Programme in Educational Technology at IIT Bombay. She has completed her PhD on “A framework for enabling instructors to create effective customized learning designs with visualization” from IIT Bombay and has 12+ years of experience in conducting both face-to-face and online faculty development programs for Science and Engineering faculty.

Prof. Sameer S Sahasrabudhe is the Director, Educational Multimedia Research Center (EMMRC), Pune, India. Prior to this, as a Research Scientist at IITBombay, he has contributed in the development of the Learner – Centric MOOC (LCM) model at the IDP-ET; and the MOOCs platform: IITBombayX at the Dept. of CSE, IIT Bombay. He has created many learner-centric MOOCs for platforms such as: IITBombayX, edX, and SWAYAM.

Prof. Jayakrishnan M is a Senior Scientist at National Programme for Technology Enhanced Learning, IIT Madras. He completed his PhD in "A Model for Large-scale In-service Teacher Training in Effective Technology Integration in Engineering Education" from the Inter-Disciplinary Programme in Educational Technology at IIT Bombay. His research interests in the field of Educational Technology include Teacher Technology Integration, Massive Open Online Learning, Sustainability in Teacher Professional Development and Computer Supported Collaborative Learning.

COURSE PLAN :

Week 1: The LCM model
Week 2: Creating LeDs
Week 3: Creating LbDs and LxTs
Week 4: LxIs and Orchestration