Online Teaching, Learning and Assessment using Educational Technology Tools, Open Educational Resources & Moodle MOOC Platform

Introduction

The aim of the two-day workshop is designed to build the capacity of the Faculty to design, transact and assess and deliver courses online in different disciplines with Educational Technology Tools, Open Educational Resources (OER) and constructivist pedagogy based Free Open Source Moodle–MOOC platform. The general objective of the workshop is to raise the capacity of the faculty to use MOOC platform for effective delivery of courses in higher education in blended as well as online modes. This workshop is a great starting point for effective teaching in the 21st century learning environment.

Objectives of the Workshop

- To enable participants to learn using FOSS tool Moodle through hands-on-experience
- To train the participants to use Moodle-MOOC as an adjunct to face-to-face teaching and to teach in a fully online or distance learning context and to get a feel for how their courses could be enhanced using Moodle-MOOC platform;
- To understand the process of planning, designing and implementing online courses in line with SWAYAM MOOC requirements
- To create better and active communication and collaboration with the students and to design and manage learning assessment using Moodle MOOC Platform
- To orient the OER based e-learning

Important Note

Participants should bring laptops, Smart phones and Head Phones/earphones, without which, the workshop will not at all be effective, as the workshop is based on hands-on activities. Participants will have to install all the software required before they come to the workshop. For help to install the software, please contact the speaker at drksvasu@gmail.com.

The Pre workshop material is available: http://162.144.90.128/srinimoodle

All the Participants are requested to come prepared with one lecture on any one topic from one of their courses and bring with them

1. Lecture notes for the topic
2. PowerPoint Presentations / PDFs / URLs if any,
3. Assessment questions related to the topic,
4. Any other resources that they would like the students to refer
5. Course contents / Introductory Videos
6. Reference Books and Journals for the course
Resource Person

Prof. K. Srinivas Professor of ICT of National University of Educational Planning and Administration (NUEPA) a Government of India, Ministry of Human Resource Development (MHRD) Institution in New Delhi. Prof. K. Srinivas holds a Ph.D. degree in Computer Science and has been utilizing open source ICT tools and technologies in teaching, learning and student evaluation since 1990, both at the graduate and post graduate levels. His areas of interest are e-Learning, blended learning, MOOCs, Computer Applications in Project Management, e-governance. He is having more than 28 years of Teaching, Research, Industry and Consultancy experience.

Date: November 9-11, 2017
Venue: SRKR Engineering College, Bhimavaram, AP
in association with
Electronics & ICT Academy
National Institute of Technology, Warangal
(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)
# Tentative Time Table

## Day -1 [9 11.2017]

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<thead>
<tr>
<th>Session</th>
<th>Particulars</th>
<th>Tools/ Duration</th>
<th>Learning Outcomes</th>
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| **Session -I** | Workshop Inauguration  
Prof. D.V.L.N.S. Somayajulu  
Chair, E & ICT Academy,  
Department of Computer Science and Engineering,  
National Institute of Technology, Warangal  
WARANGAL TELANGANA |  |  |
| **Session –II** | Exploring the Innovative Teaching & Learning Processes  
*Prof. K. Srinivas* | Presentation / Demonstration/Practice  
90 Minutes | Exploring the Innovative Teaching & Learning Processes  
& SWAYAM MOOC 4 Quadrant Approach  
Exploring NPTEL, e-Pathshala;Sakshat;SWAYAM; Swayam Prabha; National Academic Depository; National Digital Library ; e-soudhSindhu; Virtual Labs; eYantra; Talk to the Teacher  
**Education Technology Tools**  
- Google Drive  
- Presentation Tube  
- Utipcam |
| **Session –III** | Exploring OER for Learning , teaching and Professional Development  
*Prof. K. Srinivas* | Presentation / Demonstration/Practice  
90 Minutes | Exploring OER for Learning , teaching and Professional Development |
| **Session –IV** | Collaborative Working with Cloud Applications (Google Drive)  
*Prof. K. Srinivas* | Presentation / Demonstration/Practice | Understanding the importance of joint planning and sharing, using internet based storage. Using information to better manage the institution activities |
| Session –I | Working with Moodle MOOC Platform  
*Prof. K. Srinivas* | Presentation / Demonstration/Practice 90 Minutes | • Understanding Moodle  
• Creating a New Course  
• Managing Course Class & Participants  
• Managing Content in Moodle  
• Diversified Content Management  
  • Registering Moodle on Cloud & Site Setup  
  • Moodle Mobile App |
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| Session –II | Effective Content Management Practices  
*Prof. K. Srinivas* | Presentation / Demonstration/Practice 90 Minutes | • Creating a New Course  
• Managing Course Participants  
• Building and Managing Content  
  • Open Educational Resources  
  • Docs/PDF/PPT/XLS You tube Videos |
| Lunch Break | | | |
| Session –III | Engaging Learners in Communication & Collaboration  
Working with Moodle Course Management Activities  
*Prof. K. Srinivas* | Presentation/ Demonstration/ Practice 90 Minutes | **Exposure to Moodle Activities**  
• News Forums  
• Messaging  
• Chat  
• Journals & Blogs  
• LIVE Class  
  • Big Blue Button  
• Discussion Forms |
| Tea Break | | | |
| Session –IV | Participants Group Work Preparation / Hands on Practice | | |
### DAY -3 [11 11.2017]

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| Session –III     | Participants Group Work Preparation / Hands on Practice |

| Session –IV      | Participants Group Work Presentation |

| Tea Break       | Lunch Break |

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| Session –III     | Participants Group Work Preparation / Hands on Practice |

| Session –IV      | Participants Group Work Presentation |