

Title.

**Skill Oriented Professional Development for Faculty  
in Higher Education for Designing, Transacting and  
Assessing Courses Using Moodle – MOOC Platform**

For

Workshop on Moodle - Software"

By

Prof. K. Srinivas

Professor ICT,

National University of Educational  
Planning and Administration

**INFORMATION GUIDE**

Date : 13-07-2015 at 10.00 AM

Venue : P G Seminar Hall

Prof K Srinivas  
NUEPA

# **Skill Oriented Professional Development for Faculty in Higher Education for Designing, Transacting and Assessing Courses Using Moodle – MOOC Platform**

## **Introduction**

A very promising technological and pedagogical model that has received a lot of attention during the last few years and adoption by Stanford, Harvard, Duke and almost 100 of the world's top ranking Universities' to teach millions of learners is that of the MOOC. The MOOC is considered on the one hand as a panacea for education and on the other as a defilement of the sanctity of the higher education tradition. Moodle is an open source Learning Management System used to create interactive learning-oriented courses and sites. Moodle is commonly used by teachers, trainers, and course creators to produce effective courses that achieve learning goals and outcomes. Following the best practices in Moodle course design will help users optimize the learning experience, incorporate strategies to aim for students' success, choose appropriate activities and content delivery methods, and create appropriate assessments to test what the students have learnt.

The skill based programme aims to gather teaching faculty in using the Moodle environment to develop course materials, blended learning and 100% online courses to engage students in learning. This programme is a great starting point for effective teaching in the 21<sup>st</sup> century learning environment. This training programme will sensitize the participants how to use the tools available in Moodle to develop unique courses for many kinds of institutions. The programme also leverages Moodle's unique capacity to seamlessly bring together instructional materials, dynamic activities, social interaction, and student management functions. Following the best practices in designing a Moodle course, the participants will also incorporate strategies to accommodate multiple learning styles. They will also accommodate the emerging instructional technologies and provide a strategy for a wide variety of course modalities, including self-paced independent study, cohort-based courses with student-instructor interaction, and highly collaborative student-centered courses.

## The Sessions focuses specifically on enabling teaching staff

- to use Moodle as an adjunct to face-to-face teaching and to teach in a fully online or distance learning context;
- to get a feel for how their courses could be enhanced using Moodle;
- to understand the process of planning, designing and implementing online courses, and collaborate with others to do those tasks;
- to create better and active communication and collaboration with their students; and
- to design and manage learning assessment using Moodle.

## Programme Methodology

During the sessions the following methodologies will be followed :

1. Lecture-cum-discussion mode
2. Activity based/ Hands on training
3. Group work/Group presentation

The programme will be offered on a "**Blended Mode**" where the session wise Learning Resources and assessments were made available Online using the Moodle Learning Management System Platform (<http://162.144.90.128/moodle>) and Thematic & Hands-on sessions were taken up in the Class room and Computer Lab respectively. All the learning resources and activities pertain to the sessions will be provided to the participants before each session. For simulation exercises the participants will be categorized into Moodle Course Learner, Moodle Administrator, Moodle Guest User and Moodle Course Facilitator.

The participants will practice on Moodle Server and will prepare Online Courses of their subject Choice following Standard Instructional Design Principals using the Moodle MOOC system with Course Creation, Content Uploading, User Enrollment, online assessments such as Chat, Discussion Form, WiKi, Online Assignment and Quiz. They will be exposed to Moodle Software Installation , Course Administration, External Plugins, Best Practices in Using Moodle for teaching and Learning and other related aspects.

## Teaching and Learning Activities

Class lectures and learning resources are designed to achieve the course objectives. The participants should read the assigned learning resources before class, complete assignments on time, participate in class. The participants are

responsible for all material covered in the class. The **Moodle Learning Management Platform** (<http://162.144.90.128/moodle>) is a primary Communication vehicle. All learning resources pertaining to the programme will be available before each class. It will contain homework assignments, study material, and other important instructions.

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## TENTATIVE TIME TABLE

### Session 1

0945 – 1115 hrs.

#### Theory-cum-Demo

Blended Learning with Moodle

- Moodle MOOC
- Creating a New Course
- Managing Course Participants
- Managing & Adding Content Hosting
  - Embedding Open Educational Resources (OER)
  - Word Docs
  - Portable Document Files
  - Power point & Spreadsheet
  - Embedding Videos from Youtube

– Prof K.Srinivas

1115 – 1130 hrs.

TEA BREAK

### Session II

1130 – 1300 hrs.

#### [Hands-On-Practice]

- Moodle MOOC
- Creating a New Course
- Managing Course Participants
- Managing & Adding Content in the Course
  - Embedding Open Educational Resources (OER)
  - Word Docs
  - Portable Document Files
  - Power point & Spreadsheet
  - Embedding Videos from Youtube

– Prof K.Srinivas

1300 – 1400 hrs.

LUNCH BREAK

### Session III

1400 – 1530 hrs.

#### [Theory-cum-Demo]

Engaging Learners in Communication & Collaboration

- News Forums
- Messaging
- Chat
- Journals & Blogs
- LIVE Class
  - Big Blue Button
  - WizIQ

### **Working with Moodle Activities**

- Discussion Forms
- Assignments
- Wiki
- Workshops
- Questionnaire
- Survey
- Choice

1530 – 1545 hrs.

TEA BREAK

– Prof K.Srinivas

**Session IV**  
1545 – 1715 hrs.

[Hands-On-Practice]

### **Engaging Learners in Communication & Collaboration**

- News Forums
- Messaging
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### **Working with Moodle Activities**

- Discussion Forms
- Assignments
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- Workshops
- Questionnaire
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- Choice

– Prof K. Srinivas

D. 13-07-2015

Professor K. Srinivas, Professor ICT, National University of Educational Planning and Administration (NUEPA) New Delhi, conducted a Workshop (one day) on Skill oriented professional Development for Faculty in Higher Education for Designing, Transacting and Assessing course using Moodle - Mooc platform" today ie on 13-07-2015. in ICT class room and practice at Communicative Lab. Prof. K. Srinivas has 22 years of teaching, research, Industry, Software Development and Consultancy experience in ICT and its applications. He has conducted training programs at JNU, New Delhi, Jawa Millia Islamia, B.R. Ambedkar Univ., Hyderabad, Univ. of Hyderabad, Hyderabad, BHU, Varanasi etc.

(Prof. K. SRINIVAS)

Staff present :

| Sl No. | Name of the Staff Member                 | Signature           |
|--------|--|---------------------|
| 1.     | M.V.V. Subra Rao                         | M.V.V. Subra Rao    |
| 2.     | Dr. K. Srinivasa Rao                     | K. Srinivasa Rao    |
| 3.     | B.V.V. Sagar                             | B.V.V. Sagar        |
| 4.     | N.S.V. Kiran Kumar                       | N.S.V. Kiran Kumar  |
| 5.     | Dr. D. Jeevanasi Reader in Sanskrit      | D. Jeevanasi        |
| 6.     | Dr. V. Kanchana male Dept of Hindi       | V. Kanchana male    |
| 7.     | N. Vijaya Lakshmi Dept of English        | N. Vijaya Lakshmi   |
| 8.     | A. S. Chandravati " Chemistry            | A. S. Chandravati   |
| 9.     | B. Bhavani Dept. of English              | B. Bhavani          |
| 10.    | N. Baby Nirrnala "                       | N. Baby Nirrnala    |
| 11.    | E. M. Meenakshi Dept of Commerce         | E. M. Meenakshi     |
| 12.    | A. Bala Bhavani Dept of Computer Science | A. Bala Bhavani     |
| 13.    | M. Bhimeswara Reddy Dept. of Physics     | M. Bhimeswara Reddy |
| 14.    | S. Sathibabu Dept of Physics             | S. Sathibabu        |

| Sl. no. | Name of the staff member   | Signature             |
|---------|----------------------------|-----------------------|
| 15      | P.S. V. Sudakshay          | V. Sudakshay          |
| 16      | V. Rama krishna            | V. Rama krishna       |
| 17      | K. Suresh                  | K. Suresh             |
| 18      | V. N.V. Satish             | V. N.V. Satish        |
| 19      | T. Srinivasa Rao           | T. Srinivasa Rao      |
| 20      | M. Narayana Rao            | M. Narayana Rao       |
| 21      | V. Srinivasa               | V. Srinivasa          |
| 22      | K. Srinivas                | K. Srinivas           |
| 23      | V. S. R. Chowdary          | V. S. R. Chowdary     |
| 24      | M. Phani Kumar             | M. Phani Kumar        |
| 25      | N. Veerasanjaneyan         | N. V. Veerasanjaneyan |
| 26      | R. Neelagandha Rao         | R. Neelagandha Rao    |
| 27      | A. TATATI                  | A. T. Tatati          |
| 28      | R. Srinivasa               | R. Srinivasa          |
| 29      | M. V. R. Choudhary         | M. V. R. Choudhary    |
| 30      | USN PRASAD                 | USN Prasad            |
| 31      | KVS Choudary               | KVS Choudary          |
| 32      | A. Ruchababu               | A. Ruchababu          |
| 33      | P. SRINIVASA REDDY         | P. Srinivasa Reddy    |
| 34      | KVNSUR PRASAD              | KVNSUR PRASAD         |
| 35      | N. SRINIVASA RAO (English) | N. Srinivasa Rao      |
| 36      | K. Swapna Rekha (zoology)  | K. N. S.              |
| 37      | M. Rajeswari (Botany)      | M. Rajeswari          |
| 38      | R. Jithendra (Horty)       | R. Jithendra          |
| 39      | K. Nagabawa Rao (Eng)      | K. N. Nagabawa Rao    |
| 40      | M. F. Rama Mohan Rao       | M. F. Rama Mohan Rao  |
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**Workshop Topic:**

**“Skill Oriented Professional Development for Faculty in Higher Education  
for Designing, Transacting and Assessing courses using Moodle-MOOC Platform”.**  
by Prof. K.Srinivas, National University of Education Planning & Administration,  
New Delhi. Date: 13-07-2015



మంగళవారం 14 జూలై 2015

విశాఖ పత్రిక



శుభాక్షరసేదావల

కంప్యూటర్ పరిజ్ఞానాన్ని కలిగి ఉండాలి

రామచంద్రాచారి: అధ్యక్షులు, కంప్యూటర్ విభాగం  
నిజాం కళ్యాణం నూరజ్జిల్లా డిప్యూటీ కలెక్టర్ క  
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కామ్రాజ్ కళ్యాణం అధికారి కళ్యాణం అధికారి అధికారి  
కామ్రాజ్ కళ్యాణం అధికారి కళ్యాణం అధికారి అధికారి  
కామ్రాజ్ కళ్యాణం అధికారి కళ్యాణం అధికారి అధికారి  
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