

Final Report Ref: 15-ED3-363

Prepared by

Dr. Som Naidu – Consultant

(Melbourne, January 9, 2015)

Submitted to

**Director, CEMCA, Commonwealth of
Learning**

Project

**Capacity building/training workshop for
OER-based eLearning Course**

Final Report: Budget Code: 15-ED3-363

Prepared and submitted by: Dr. Som Naidu -- Consultant

Report submitted to: Dr. Ramesh C. Sharma, Director, CEMCA, Commonwealth of Learning;
Dr. Manas Ranjan Panigrahi (Programme Officer, CEMCA), (mpanigrahi@col.org).

Project: Capacity building/training workshop for OER-based eLearning

Within the overarching objective of learning for development, and the Three Year Plan (2012-15) of CEMCA to assist higher education institutions adopt Open Educational Resource (OER) based eLearning to improve their quality of education, and to train teachers in higher education intuitions in a training of trainers mode, this programme of activity seeks to help WOU, Malaysia and OUSL, Sri Lanka develop OER-based online courses and offer training to 500 teachers to use OER in the year 2014-15. It also comprises the conduct of a workshop for the same in a face-to-face mode in India. CEMCA seeks to engage Som Naidu (the Consultant) to provide training to the stakeholders for the smooth running of the OER-based eLearning course.

1.0 Statement of Work

1.1. The Consultant shall be responsible to:

- 1.1.1. Develop a capacity building programme for selected staff on subsequent offer of the OER-based eLearning at WOU and OUSL.
- 1.1.2. Offer a workshop over **16-18 October 2014 (three-days)** for capacity building of selected group of Wawasan Open University academics for On-line facilitation at Penang, Malaysia.
- 1.1.3. Offer a workshop over **16-19 December, 2014 (four-days)** for orientation of selected group of OUSL academics for On-line facilitation at Colombo, Sri Lanka.
- 1.1.4. Offer a workshop over **22-24 December, 2014 (three-days)** for capacity building of selected group of academics of Indian Open Universities for 'OER-based eLearning' online programme at Delhi, India.
- 1.1.5. Submit a comprehensive report covering the outcomes of the all three workshops of OER-based eLearning programme.

2.0 Deliverables and Timeframe

2.1. The Consultant shall begin the consultancy by 01/10/2014 and complete the work by 31/12/2014, including 16 full time equivalent (FTE) days, with the following specific deliverable and timeline:

- 2.1.1. Conduct the training workshop at WOU, Penang, Malaysia as an Expert from **16-18 October 2014 (three-days)**.
- 2.1.2. Conduct the training workshop at OUSL, Colombo, Sri Lanka as an Expert from **16-19 December, 2014 (four-days)**.
- 2.1.3. Conduct the training workshop in India as an Expert from **22-24 December, 2014 (three-days)**.
- 2.1.4. Submit a comprehensive report covering the outcomes of the all three workshops of OER-based eLearning programme.

Session 1: OER-based eLearning course

- Overview of the OER-Based eLearning course (coverage)
- Learning outcomes of the five modules (overview and focus)
- Pedagogical design (examine application across the five modules)

The OER-Based eLearning Course

The OER-Based eLearning Course was developed with the support and sponsorship of CEMCA and Wawasan Open University. Participants of the program and those complete the study of the FIVE modules in the whole course will be able to:

- Demonstrate understanding of OER and argue in support of the use of OER;
- Design appropriate learning experiences for OER based e-learning;
- Find and evaluate the of quality OER materials use in different contexts;
- Use appropriate open license to release educational materials as OER;
- Offer OER-based eLearning courses and programs using appropriate technologies.

There FIVE Modules in the full program and they are labelled as follows:

- Module 1: Concept and Practices of Open Education
- Module 2: Designing Learning Experiences for OER-based eLearning
- Module 3: Searching and Evaluation of OER Materials
- Module 4: Licensing and Copyright
- Module 5: Integrating OER in eLearning

Module 1: Concept and Practices of OER

1. Demonstrate an understanding of OER and related concepts.
2. Trace the historical development of open educational resources.
3. Critically examine OER initiatives by institutions and governments.

Module 2: Designing Learning Experiences for OER-based e-Learning

1. Develop learning outcomes for an OER-based e-learning course.
2. Design and develop authentic and meaningful learning experiences for the selected course.
3. Design and develop assessment tasks for the selected course.

Module 3: Licensing and Copyright

1. Define and describe different types of copyright licenses.
2. Develop a framework for open educational practices at your organization.
3. Select and apply appropriate open license to course material and discuss their implications.
4. Discuss how the evolution of media and technologies can affect issues in licensing and copyright.

Module 4: Search and Evaluation of OER Materials

1. Identify the different types of OER.
2. Search for OER materials using basic search engines.
3. Evaluate OER materials for teaching and learning purposes.

Module 5: Integrating OER in e-Learning

1. Demonstrate their understanding of the affordances of e-learning.
2. Integrate open educational resources to optimize e-learning.

The Three Workshops

A key goal of the three workshops was to orient a new set of participants to the OER-Based eLearning modules (Please see Appendices A/B/C). While these workshops were NOT exactly the same in the three venues, they covered discussion of...

- Detailed study of learning outcomes, learning experience, learning activities, and assessment activities of each module;
- Assessment tasks across the five modules (scope and focus);
- Development of assessment criteria, aligning it with learning outcomes and developing marking and feedback rubrics;
- Examples of assessment criteria and marking & feedback rubrics;
- Workload and time commitment across the five modules (weeks, number of hours etc.); and
- eModerating guidelines.

There were, however differences in the approaches at each venue.

At the Wawasan Open University (See Appendix A), there was a greater emphasis on upskilling potential moderators on emoderation techniques. For this the following Role-Play was as well as Gilly Salmon's FIVE Stage Model was adopted.

Role Play...

Topic: What irks you most (about your work or workplace?)

Step 1: Setting the Scenario (Access and Motivation)

- What is this about? Why are we doing this? For how long?

Step 2: Getting to know who we are (Online Socialization)

- Tell us a bit about yourself and why are you here?

Step 3: Your initial thoughts? (Information Exchange)

- OK, briefly describe one thing that irks you most about your workplace.

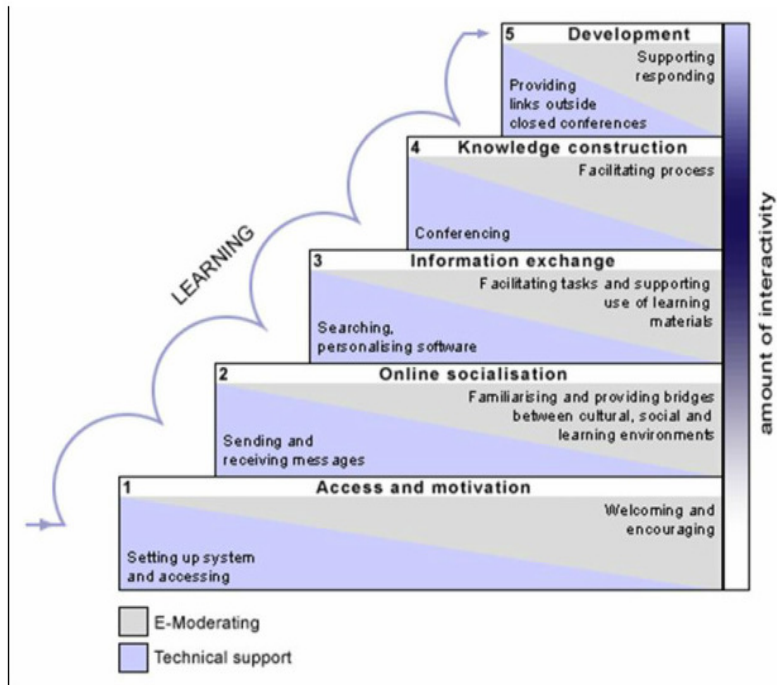
Step 4: Reflecting on other's thoughts (Knowledge Construction)

- Reflect on these thoughts of your peers and offer a short critique (critical analysis) on at least ONE of them.

Step 5: Making sense of your own thoughts (Development)

- What do they tell you about your own concerns, about what irks YOU most?

THE FIVE STAGE MODEL



The Workshop at OUSL launched a new offer of the program (See Appendix B). Forty-one participants registered in the program and reports of participation after the workshop indicate strong participation from a highly motivated group.

The last of the three workshops held at CEC Delhi covered (See Appendix C) a much larger brief and included the development of strategic plans for the rollout of OER policies at participant's intuitions.

In Summary all three workshops were successful in achieving their expected outcomes.

Som Naidu, PhD
Melbourne, January 9, 2015

Appendix A

Workshop Schedule OER-Based eLearning Orientation (Online Facilitation and Assessment) Wawasan Open University (October 14-16, 2014)			
Day 1: OER-based eLearning Course			
Duration	Session focus	Activities/Plans/Processes	Resources
9.00-09.45	Welcome	<ul style="list-style-type: none"> Introduction to the Workshop Introduction of conveners and participants 	<ul style="list-style-type: none"> Workshop schedule
Morning Break: 9.45-10.15			
10.15-11.00	Session 1: OER-based elearning course	<ul style="list-style-type: none"> Overview of the OER-Based eLearning course (coverage) Learning outcomes of the five modules (overview and focus) Pedagogical design (examine application across the five modules) 	<ul style="list-style-type: none"> Electronic or printed copies of the five modules. Som's PPTs
11.00-1.00	Session 2: Assessment activities	<ul style="list-style-type: none"> Assessment tasks across the five modules (scope and focus) Workload and time commitment across the five modules (weeks, number of hours etc.). 	<ul style="list-style-type: none"> Electronic or printed copies of the five modules. Som's PPTs
Lunch Break: 1.00-2.00			
2.00-3.15	Session 3: Modules 1&2	<ul style="list-style-type: none"> Detailed study of learning outcomes, learning experience, learning activities, and assessment activities of each module. 	<ul style="list-style-type: none"> Electronic or printed copies of the modules. Som's PPTs
Afternoon Break: 3.15-3.30			
3.30-5.00	Session 4: Modules 3, 4&5	<ul style="list-style-type: none"> Detailed study of learning outcomes, learning experience, learning activities, and assessment activities of each module. 	<ul style="list-style-type: none"> Electronic or printed copies of the modules. Som's PPTs
Day 2: Assessment Criteria and Marking Rubrics			
9.00-10.30	Session 1: Criteria and marking rubrics	<ul style="list-style-type: none"> Developing assessment criteria, aligning it with learning outcomes and developing marking and feedback rubrics 	<ul style="list-style-type: none"> Examples of assessment criteria and marking & feedback rubrics
Morning Break: 10.30-11.00			
11.00-1.00	Session 2: Group work	<ul style="list-style-type: none"> Hands-on experience: In groups participants will be required to develop assessment criteria for selected assessment activities from one of the modules in the OER-Based eLearning course. 	<ul style="list-style-type: none"> Examples of assessment tasks, assessment criteria and marking and feedback rubrics
Lunch Break: 1.00-2.00			

2.00-3.15	Session 3: eModeration	<ul style="list-style-type: none"> Participants will be divided into 5 groups (with one of the members assigned a tutor role) and asked to engage in the discussion of one activity from one of the Modules. 	<ul style="list-style-type: none"> eModerating guidelines OER-Based eLearning Modules
3.30-5.00	Session 4: eModeration	<ul style="list-style-type: none"> Participants will be divided into 5 groups (with a <i>different member</i> assigned a tutor role) and asked to engage in the discussion of one activity <i>from a different Module</i>. 	<ul style="list-style-type: none"> eModerating guidelines OER-Based eLearning Modules
Day 3: MOOCs and eModeration			
9.00-10.30	Session 1: eModeration	<ul style="list-style-type: none"> Participants will be divided into 5 groups (with a <i>different member</i> assigned a tutor role) and asked to engage in the discussion of one activity <i>from a different Module</i>. 	<ul style="list-style-type: none"> eModerating guidelines OER-Based eLearning Modules
Morning Break: 10.30-11.00			
11.00-1.00	Session 2: eModeration	<ul style="list-style-type: none"> Participants will be divided into 5 groups (with a <i>different member</i> assigned a tutor role) and asked to engage in the discussion of one activity <i>from a different Module</i>. 	<ul style="list-style-type: none"> eModerating guidelines OER-Based eLearning Modules
Lunch Break: 1.00-2.00			
2.00-3.15	Session 3: eModeration	<ul style="list-style-type: none"> Participants will be divided into 5 groups (with a <i>different member</i> assigned a tutorial role) and asked to engage in the discussion of one activity <i>from a different Module</i>. 	<ul style="list-style-type: none"> eModerating guidelines OER-Based eLearning Modules
Afternoon Break: 3.15-3.30			
3.30-5.00	Session 4: Debrief	<ul style="list-style-type: none"> Group discussion of issues and challenges? 	<ul style="list-style-type: none"> eModerating guidelines OER-Based eLearning Modules

Workshop Outcomes

Participants in this workshop will...

1. Receive orientation to the OER-Based eLearning Course.
2. Learn to develop assessment criteria, marking and feedback rubrics.
3. Develop competencies in moderating online learning environments.

Appendix B

Workshop Schedule OER-Based e-Learning Course Orientation The Open University of Sri Lanka (December 17-19, 2014)			
Day 1: OER-based e-Learning Course Orientation			
Duration	Session focus	Activities/Plans/Processes	Resources/Persons
9.00-10.30	Inauguration	<ul style="list-style-type: none"> Lighting of the Traditional Oil Lamp Welcome Address by Head/Secondary & Tertiary Education Address by Vice Chancellor, OUSL Address by COL/UNESCO Chair, OUSL Address by Prof. Som Naidu Vote of Thanks by Dean/Education 	Mr. L.R. Gonsalkorala- Head/STE Dr. Vijitha Nanayakkara- VC/OUSL Prof. Chandra Gunawardena- Prof. Som Naidu - Workshop Facilitator Dr. Shironica Karunanayaka- Dean, Faculty of Education
Morning Break: 10.30-11.00			
11.30-11.45	Introduction	<ul style="list-style-type: none"> Introduction to the Workshop Introduction of Facilitators and Participants 	<ul style="list-style-type: none"> Workshop schedule
11.45-12.45	Session 1: OER-based eLearning course	<ul style="list-style-type: none"> Overview of the OER-Based eLearning course (coverage) Learning outcomes of the five modules (overview and focus) Pedagogical design (examine application across the five modules) 	<ul style="list-style-type: none"> Electronic copies of the five modules; Som's PPTs Workshop facilitators
12.45-1.00	Session 2: Discussion	<ul style="list-style-type: none"> Open Discussion 	<ul style="list-style-type: none"> Workshop facilitators
Lunch Break: 1.00-2.00			
2.00-3.30	Session 3: The online learning environment	<ul style="list-style-type: none"> Hands-on experience in Moodle LMS Getting familiarized with the learning environment (Module 1) Engaging in a discussion forum (Module 1) 	<ul style="list-style-type: none"> Moodle LMS Workshop facilitators
3.30-4.00	Session 4: Discussion	<ul style="list-style-type: none"> Open Discussion 	<ul style="list-style-type: none"> Workshop facilitators
Afternoon Break: 4.00-4.30			

Day 2 and 3: Assessment Criteria and Marking Rubrics			
9.00-10.30	Session 1: Assessment criteria and marking rubrics	<ul style="list-style-type: none"> • Assessment tasks across the five modules (scope and focus) • Workload and time commitment across the five modules (weeks, number of hours etc.). 	<ul style="list-style-type: none"> • Electronic copies of the five modules; Som's PPTs • Examples of assessment tasks, assessment criteria and marking and feedback rubrics • Workshop facilitators
Morning Break: 10.30-11.00			
11.00-1.00	Session 2: Group work	<ul style="list-style-type: none"> • Hands-on experience: In 5-6 groups participants will be required to study assessment criteria for selected assessment activities from Module 1 in the OER-Based e-Learning course. 	<ul style="list-style-type: none"> • Examples of assessment tasks, assessment criteria and marking and feedback rubrics • Workshop facilitators
Lunch Break: 1.00-2.00			
2.00-3.30	Session 3: Reflective Practice	<ul style="list-style-type: none"> • Reflective thinking, reflective writing and reflective practice • Maintaining the reflective journal in Moodle – Hands-on experience 	<ul style="list-style-type: none"> • PPTs on Reflective Learning • Workshop facilitators
3.30-4.00	Session 4: Discussion & Feedback	<ul style="list-style-type: none"> • Group discussion of overcoming any issues and challenges • Workshop feedback 	<ul style="list-style-type: none"> • Workshop facilitators
Afternoon Break: 4.00-4.30			

Workshop Outcomes

Participants in this workshop will...

4. Receive orientation to the OER-Based e-Learning Course
5. Develop competencies in actively engaging in an online learning environment.
6. Develop competencies in reflective learning

Appendix C

Workshop Schedule National Capacity Building Workshop on OER-based eLearning Delhi (December 22-24, 2014)			
Day 1: Open Educational Resources (Concept and Practices)			
Duration	Session focus	Activities/Plans/Processes	Resources
9.30-10.00	Registration	Participants Registration	Workshop Kit, Registration Sheet
10.00-10.45	Inauguration	<ul style="list-style-type: none"> Welcome remarks and goals of the workshop by Dr. Sanjaya Mishra, Director, CEMCA, New Delhi Participant introductions Welcome Remarks by Director, CEC, New Delhi Address by Chief Guest Vote of Thanks by Dr. Manas Ranjan Panigrahi, Programme Officer, CEMCA, New Delhi 	Workshop Goals Participants in this workshop will be able to... <ul style="list-style-type: none"> Explain the concept and practices of Open Educational Resources; Identify the design issues related to OER-based eLearning; and Develop a plan for implementing OER-based eLearning in their institutions.
Morning Break: 10.45-11.00			
11.00-11.45	Session 1: Open Education Practices	<ul style="list-style-type: none"> Concepts and practices: Open Educational Practices, Open Educational Resources, Open Learning, Open Access, Open Source, Open Scholarship 	<ul style="list-style-type: none"> Som's PPTs
11.45-1.00	Session 2: Concept Mapping Exercise	<ul style="list-style-type: none"> Participants work in groups to explore each one of these concepts and their practices, concept map their opportunities and challenges and how best to cope with them in their organizations 	<ul style="list-style-type: none"> Internet/Web Search Activity Examples of concept maps
Lunch Break: 1.00-2.00			
2.00-3.15	Session 3: Group presentations	<ul style="list-style-type: none"> Groups present their Concept Maps to the larger group for feedback and reflection. 	<ul style="list-style-type: none"> Internet/Web Search Activity Examples of concept maps
Afternoon Break: 3.15-3.30			
3.30-5.00	Session 4: Group work	<ul style="list-style-type: none"> Groups present their Concept Maps to the larger group for feedback and reflection. 	<ul style="list-style-type: none"> Internet/Web Search Activity Examples of concept maps
Day 2: Design Issues Related to OER-Based eLearning			
9.30-10.45	Session 1: CEMCA-WOU OER-based	<ul style="list-style-type: none"> Overview of the OER-Based eLearning course (coverage) Design issues: Learning outcomes of the five modules (overview and focus) 	<ul style="list-style-type: none"> Electronic or printed copies of the five modules.

	elearning course	<ul style="list-style-type: none"> Pedagogical design (examine application across the five modules) 	
Morning Break: 10.45-11.00			
11.00-1.00	Session 2: CEMCA-WOU OER-based elearning course	<ul style="list-style-type: none"> Assessment tasks across the five modules (scope and focus) Workload and time commitment across the five modules (weeks, number of hours etc.). 	<ul style="list-style-type: none"> Electronic or printed copies of the five modules.
Lunch Break: 1.00-2.00			
2.00-3.15	Session 3: Modules 1&2	<ul style="list-style-type: none"> Design issues: Detailed study of learning outcomes, learning experience, learning activities, and assessment activities of each module. 	<ul style="list-style-type: none"> Electronic or printed copies of the modules.
Afternoon Break: 3.15-3.30			
3.30-5.00	Session 4: Modules 3, 4&5	<ul style="list-style-type: none"> Design issues: Detailed study of learning outcomes, learning experience, learning activities, and assessment activities of each module. 	<ul style="list-style-type: none"> Electronic or printed copies of the modules.
Day 3: Developing a Plan for Implementing OER-Based eLearning in Your Institutions			
9.30-10.45	Session 1: Engines of Education	<ul style="list-style-type: none"> Designing OER-Based eLearning: Principles and practices 	<ul style="list-style-type: none"> Som's PPTs Engines of Education
Morning Break: 10.45-11.00			
11.00-1.00	Session 2: Operational planning	<ul style="list-style-type: none"> Participants work in groups to develop a strategic/operational plan for implementing OER-Based eLearning in their institutions. 	<ul style="list-style-type: none"> Operational planning
Lunch Break: 1.00-2.00			
2.00-3.15	Session 3: Group presentation	<ul style="list-style-type: none"> Participants present their plans to the whole group for feedback and reflection. 	<ul style="list-style-type: none"> Operational planning
Afternoon Break: 3.15-3.30			
3.30-4.15	Session 4: Group presentation	<ul style="list-style-type: none"> Participants present their plans to the whole group for feedback and reflection. 	<ul style="list-style-type: none"> Operational planning
4.15-5.00	Valedictory	<ul style="list-style-type: none"> Valedictory Address Remarks by: Dr. Som Naidu (Workshop Facilitator) Feedback by Participants (two or three only) Closing of Workshop 	