



Workshop on
ICT Integrated Teacher Education

11 - 15 March, 2013
IUC Multimedia Lab, IGNOU, New Delhi



Organized by
DEP-SSA, IGNOU
&
Commonwealth Educational Media Centre for Asia
(CEMCA)

Introduction

Commonwealth of Learning (COL) has been supporting learning with technology and building institutional capacities as well as individual skills to use ICT in education. As an impact of the success of Education for All (EFA) and Right to Education (RTE) in India large number of trained teachers are required to effectively use ICTs for effective teaching-learning.

While the challenge of numbers of teachers to be trained remains big, there is a strong need to train existing teachers to use ICTs effectively, and that requires a Continuous Professional Development approach to handle capacity building of teacher educators in a blended learning model to help them integrate both knowledge and skills related to use of ICTs in education. Recognizing the importance and the expressed need of the stakeholders, the Commonwealth Educational Media Centre for Asia (CEMCA), in its current Three Year Plan (2012-15) has embarked on developing a Continuous Professional Development framework for developing ICT capabilities of teacher educators with the assumption that the impact of such an approach will be passed on to the level of school teachers and it will also be a sustainable way to improve quality teacher education.

Within this framework CEMCA is developing a Resource Book on ICT integrated Teacher Education that will focus on the existing practices and models of ICT integration in education, and has developed a Community of Practice (CoP) for Teacher Educators with the support of IT for Change, Bangalore. ICT skill training and development is the third component of the activity, and all those teacher educators trained will use the CoP regularly to help each other in a peer and collaborative learning mode.

The first of the skill training workshop was held, during March 11-15, 2013 at the IUC Multimedia Lab, IGNOU, Maidan Garhi, New Delhi, in partnership with the Distance Education Programme - Sarvashiksha Abhiyan (DEP-SSA), a project of the MHRD, GOI at Indira Gandhi National Open University. The workshop was also significant as it was organised during the World Open Education Week 11-15 March, 2013.

Workshop Design, Participants and Facilitators

Considering the overall aim of the activity, and in discussion with DEP-SSA, the workshop schedule (Appendix-1) was prepared to facilitate active learning and skill development. The specific objectives of the workshop were to:

- Provide hands-on training on information and communication technology (ICT) to teacher educators;
- Assist the teacher educators to use the WWW, Web 2.0, and the CoP to develop teaching and learning resources and share with other teacher educators;
- Develop a sense of sharing, peer learning and collaboration amongst the teacher educators; and
- Share best practices in the use of learning materials available freely for improving school education.

The participants for the workshop were identified by the DEP-SSA, IGNOU from the states of Haryana, Himachal Pradesh, Uttarakhand, and Punjab. Though participants from Jammu & Kashmir were invited, none could attend the same. Appendix-2 gives the list of participants who attended the workshop. One of the important considerations the DEP-SSA had while identifying the participants was the need to create homogeneity the group, and thus, it was decided to only invite those teacher educators with English language teaching experience, and having some exposure to the use of ICT. The DEP-SSA also expected that such group of teacher should be able to transform themselves as trainer in future workshop for school teachers organized from time to time by them. While the workshop logistics was fully coordinated by the DEP-SSA, CEMCA took the role of the workshop content facilitation, and identified appropriate facilitators form IGNOU and elsewhere. Dr. R.C. Sharma, Dr. Pankaj Khare and Ms. G. Mythili were the main facilitators, while Ms. Neeru Mulhotra of IT for Change, Bangalore shared the newly created CoP – Teacher Network (<http://www.teacher-network.in>). Dr. Jyoti Pahwa, English language trainer and researcher in the use of ICT also assisted the participants to sharpen their skills.

Workshop Proceedings

Inaugural Session:

Mr. Vikram Sahay, Joint Secretary, School Education, MHRD inaugurated the workshop through a virtual presentation using Skype and mobile phone. While appreciating the efforts of DEP-SSA he called upon the workshop participants to develop learning materials collaboratively and share these online for use by other teachers.

Dr. Sanjaya Mishra, Director, CEMCA greeted everyone at the outset on the occasion of World Open Education Week, March 11-15, 2013 and provided a brief about why CEMCA is engaged in this process of ICT integration in teacher education. While there are large number of teachers need to be trained, and today's learners are more aware of ICTs, teacher education has not changed much, he added. There is no online teacher network currently in India for collaboration and sharing, and therefore, we are promoting a model of CoP along with hands on training to build a continuous professional development model for teacher educators to use ICT. Dr. Mishra also emphasized the Commonwealth of Learning (COL) has also developed the Open Resource for English Language Training, and hoped that the participants will review and use these materials during the workshop as well as in their day to day work. Earlier

Prof. C.B. Sharma, Project Director, DEP-SSA welcomed all the participants and thanked them to join the workshop. He emphasized that the participants of the workshop will serve in future as resource persons for DEP-SSA training programmes, and therefore, urged the participants to take maximum advantage of the expert facilitators available during the five days. Ms. Rekha Acharya, Programme Officer, DEP-SSA gave an overview of the workshop and also proposed vote of thanks.

ICT Skills Training Sessions:

The resource persons/facilitators covered the ICT skills training as per the workshop schedule. The following skills, along with hands-on practice, were imparted during the sessions:

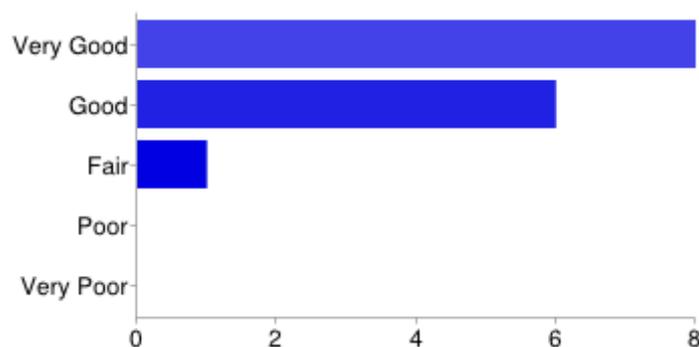
- Theoretical Frameworks and ICT Competency of Teacher Educator
- Interactivity & Working collaboratively using online tools for language learning by creating a Gmail Ids for participants
- Teacher Activities supported by ICT by showing YouTube videos about ID-ADDIE concepts and using real life stories along with ppt
- Thinking about the Curriculum and designing instructions, lesson plans by sharing handouts, real life metaphors, group work, and interactive sessions with participants about web search tools and tips along with ppts. They were familiarized with terms like OER, FOSS & Wiki.
- Preparing teaching content: Using Audio / Podcasts by using audacity
- CEMCA-Community of Practice (CoP) of Teacher Educators by registering and activating Teacher-Network Resources like Blogs, Discussion Forum
- Online resources for writing, speaking &, listening & Vocabulary acquisition
- Collaborative document by utilizing google drive and forum tools on Teacher-Network
- Presentation of skills learned though a collaborative presentation by participants.

Valedictory: The closing was marked by Dr. Sanjaya Mishra, Director, CEMCA, taking stock of learnings from the workshop and certificate distribution by Prof. C.B. Sharma, Director, DEP-SSA in the presence of all the facilitators and coordinators of the workshop.

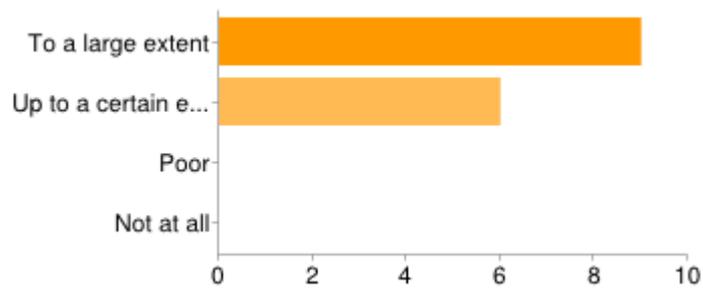
Workshop Session Evaluation/Participant Feedback

The feedback form was shared using google drive tools, which participants had learnt, practiced and mastered during the session. Out of seventeen participating, two could not record their feedback despite repeated requests. Total responses were fifteen which are spread across the options offered for each question in the schedule. Graphical representations are self-explanatory.

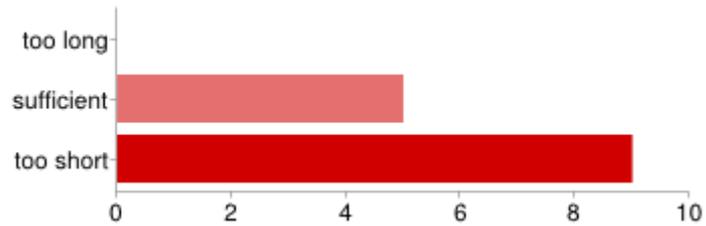
01 Overall reaction to this workshop:



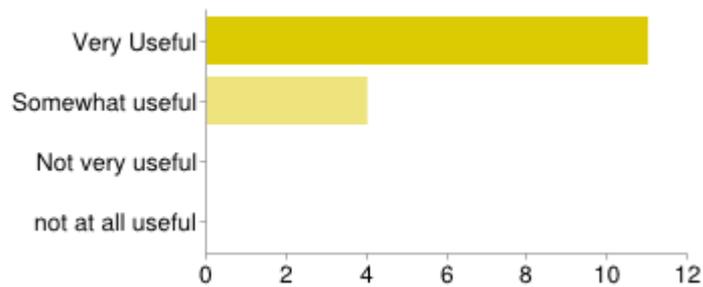
02 The workshop met participants' expectations:



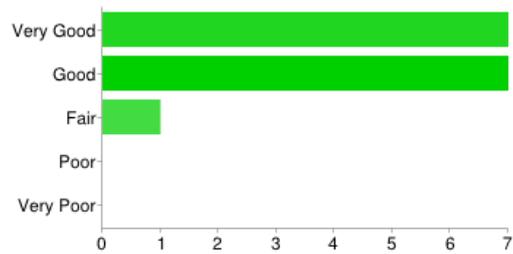
03 The duration of the workshop was:



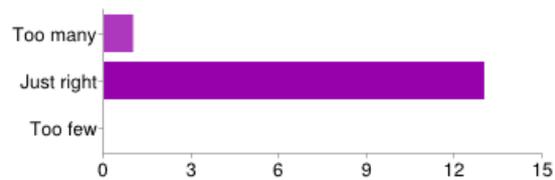
04 Logical sequencing of the workshop was:



05 Overall organizational arrangements:

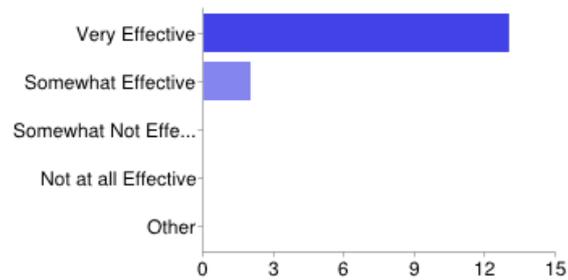


06 Number of trainers involved:

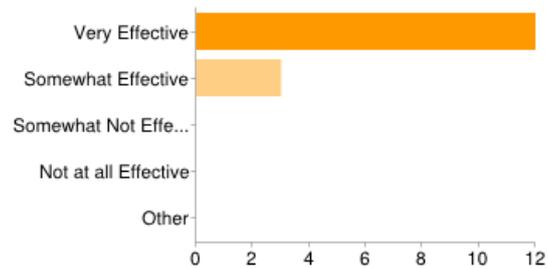


07 Kindly rate in general the effectiveness of the trainers:

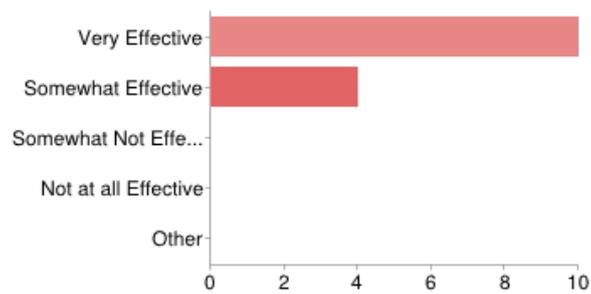
i) Knowledge of the subject matter



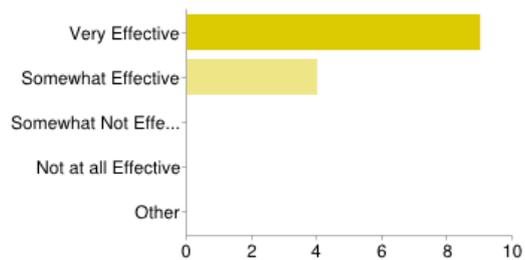
ii) Organization and Presentation



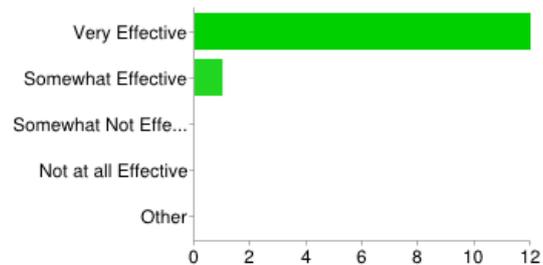
iii) Style and delivery



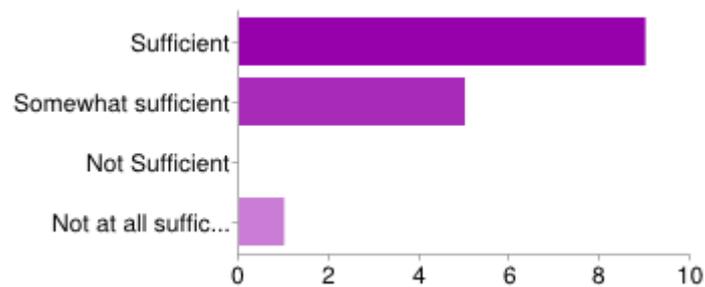
iv) Responsive to participants



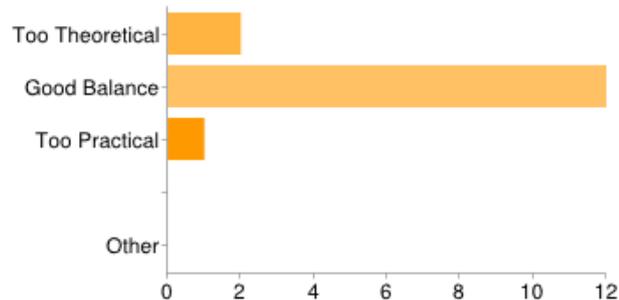
v) Creating appropriate learning environment



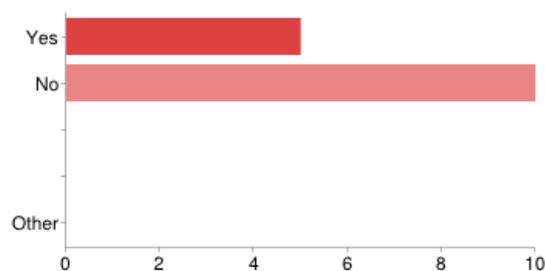
08 Sufficiency of the training materials supplied:



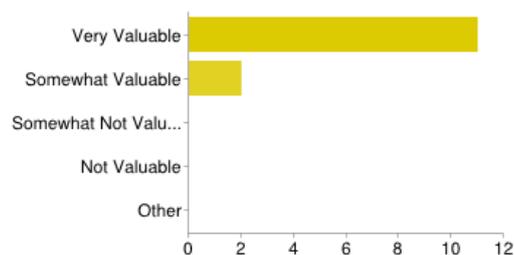
09 Mix of theory and practical in the workshop:



10 Did you have sufficient time for skill practice?



11 Value of the workshop to immediate/future work:



Some Suggestions/comments from the participants

- “Please give more time to practise one item perfectly & then move to the next step. Thanks a lot for being supportive & caring all the time”.
- “It is not sufficient to learn so much in five days workshop”.
- “If we are to be made master trainers the series of workshops with the same MTs have to be organised in order to minimise the transmission loss and in order to perfect the MTs. By my experience MTs are prepared only once by the national agencies which is futile ...follow up is needed especially the technical part of the workshop which is time consuming. Participants need

to know the finer points of every activity before imparting training in their own States or DIETS”.

- “Time for practice i.e. Hands on practice should be adequate and topic should be limited”.
- “The whole programme was very useful and well-planned. But many participants including myself were not so comfortable with computers. So full benefit couldn't be taken. Moreover, good many systems were not working, some with no Audacity installed. All this content needs a lot of practice actually and that too at leisure. We, ll do that in future... On the whole it has been a rewarding and gainful experience”.
- “More and more hands on practice should be provided”
- “The workshop should be increased, The training of ICT should be step by step”
- “Very very needy training. Factually we are 2 or 3 year late but even can say not loosing the effectiveness and importance of the utility of the content collected for the workshop”.
- “Workshop was very good. I have learnt so many things specially about net & use of different kinds of software. But I think more time would be given to practice”

ICT Integrated Teacher Education

Workshop Schedule

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IUC Multimedia Lab, IGNOU

Session	Day 1 (11 th March 2013)	Day 2 (12 th March 2013)	Day 3 (13 th March 2013)	Day 4 (14 th March 2013)	Day 5 (15 th March 2013)
9:30 to 11 am	Inaugural session	Teacher Activities supported by ICT: Curriculum planning, Instructional design, Content delivery, Student assessment (RCSharma)	Introducing and Showcasing the features of CEMCA-Community of Practice (CoP) of Teacher Educators for “Teaching of English” and Subject Teacher Forums (Ms. Neeru)	Using Wiki and Blogs (Pankaj Khare)	Student Assessment using ICT, including ePortfolio, creating quizzes (Hot Potato) (G Mythili)
11:15 am to 1 pm	Theoretical Frameworks and ICT Competency of Teacher Educators for “Teaching of English” (Ramesh Sharma)	Thinking about the Curriculum and designing instructions, lesson plans (using the Internet and Web searches); Online Tools for Language Teaching (Practical work on different platforms to search and use subject related items from Curriki, OER Commons, etc)(P Khare)	CEMCA-Community of Practice (CoP) : Hands on Practice by participants (Ms. Neeru)	Using Social Media: Overview on Facebook, Twitter, Google Hangouts, Youtube, photosharing (G Mythili)	Revision and updating of practical skills, uploading content created on CoP platform (PKhare, Mythili & RCSharma)
2 pm to 3:15 pm	Interactivity & Working collaboratively using , Synchronous and Asynchronous technologies: Email, Discussion Forums, Skype, etc.; Online tools for language learning (RCSharma)	Preparing teaching content: Using Audio / Podcasts (G Mythili)	Online resources for writing, speaking &, listening & Vocabulary acquisition Preparing teaching content;; video / Record my Desktop (G Mythili and Neeru)	Collaborative practices: Google Docs (RCSharma)	Session timings: 2 to 4 pm Presentation of work created collaboratively and as group activity by participants (PKhare, Mythili & RCSharma)
3:30 pm to 5:30 pm	Hands on Practice: Working collaboratively in Groups using Synchronous and Asynchronous technologies. (PKhare, Mythili & RCSharma)	Hands on Practice: Creating audio resources and podcasts (PKhare, Mythili & RCSharma)	Hands on Practice: Creating teaching content in the form of a Blog, presentation slides and a web resource; Revision and updating of practical skills (PKhare, Mythili & RCSharma)	Hands on Practice: for social media and a collaborative document; Revision and updating of practical skills, Creating a wiki page (PKhare, Mythili & RCSharma)	Session timings: 4 to 5:30 pm Valedictory

Resource Persons: Dr Pankaj Khare, Ms G Mythili, Dr R C Sharma, and Ms Neeru (IT for Change, Bangalore). Ms Jyoti Pahwa (Jaipur) served as a facilitator to assist the participants during all the hands on technical sessions.

Appendix 2

List of participants for CEMCA-DEP-SSA Workshop: from 11/03/2013 to 15/03/2013

S.No.	Name of Participants	Institution	Email	State
1.	Shri Gopal Singh Gaira	DIET-Almora	Gairassa[at]gmail[dot]com	Uttarakhand
2.	Shri Jaswant Singh Bangari	DIET-Tehri-New Tehri	jas[dot]bangari[at]gmail[dot]com	Uttarakhand
3.	Dr. Dinesh Singh Khetwal	DIET-Udham Singh Nagar-Rudrapur	dinesh_khetwal2001[at]rediffmail[dot]com	Uttarakhand
4.	Shri Devendra Singh Bhandari	DIET- Tehri-New Tehri	devbhandari05[at]gmail[dot]com	Uttarakhand
5.	Mr. Surjit Singh	Lect. English, GISTC Hoshiarpur	surjitsinghbadhan[at]yahoo[dot]com	Punjab
6.	Mr. Balbir Chand	Lect. English, DIET Sangrur	Balbirchand1966[at]gmail[dot]com	Punjab
7.	Mr. Tarsem Singh	Lect. English, DIET Sangrur	Tarsem[dot]mehroke[at]gmail[dot]com	Punjab
8.	Mr. Varinder Singh	Lect. English, GSSB, Rajasansi, Amritsar	vsdhingra68[at]gmail[dot]com	Punjab
9.	Mr. Harjatinder Singh	English Master, Fatehgarh Sahib	Harjatinder.singh[at]yahoo[dot]com	Punjab
10.	Mr. Harmmeet Singh,	DRP,English, Fatehgarh Sahib	drpenjlishfgs[at]gmail[dot]com	Punjab
11.	Mr. Surender Singh Rangta	Lecturer, State Project Office SSA Shimla	surrenderrangta[at]gmail[dot]com	H.P.
12.	Mr. Yashwant Singh	Lecturer English, DIET Kullu H.P.	Yashwantthakur66[at]gmail[dot]com	H.P.
13.	Mr. Surinder Pal Sharma	Lecturer English, DIET Hamirpur H.P.	Surinderpalsharma67[at]gmail[dot]com	H.P.
14.	Mr. Chander Kala	Lecturer, DIET Gurgaon	chandertanejagurgaon[at]gmail[dot]com	Haryana
15.	Ms. Sona Yadav	DIET, Guragon	Sonadec75[at]gmail[dot]com	Haryana
16.	Mr. Suresh Kumar Yadav	SCERT, Gurgaon	Yadav89suresh[at]gmail[dot]com	Haryana
17.	Tejeshwar Singh	Gurgaon	Tejeshwarsingh89[at]gmail[dot]com	Haryana