Annual Report
2014 - 2015

Virtual Open Schooling

Community of Practice (CoP) for Teacher Educators

Industry Linked Courses

Open Educational Resources

Annual Report
2014 - 2015

Commonwealth Educational Media Centre for Asia
New Delhi

COMMONWEALTH *of* LEARNING

The Commonwealth of Learning (COL) is an intergovernmental organisation created by Commonwealth Heads of Government to encourage the development and sharing of open learning/distance education knowledge, resources and technologies. COL is helping the developing nations improve access to quality education and training.

Headquartered in Vancouver, Canada, COL is the world's only intergovernmental organisation dedicated solely to promoting and delivering distance education and open learning, and is the only official Commonwealth agency located outside Britain.

Fully operational since 1989, COL is financially supported by Commonwealth governments on a voluntary basis. It responds to Commonwealth needs through in-country and regional programmes and initiatives.

The Commonwealth of Learning helps governments and institutions to expand the scope, scale and quality of learning by using new approaches. COL promotes policies and systems to make innovation sustainable and works with international partners to build models, create materials, enhance organisational capacity and nurture networks that facilitate learning in support of sustainable development goals.

Learning for sustainable development.

See www.col.org

All queries, suggestions, comments may please be addressed to:

Contents

Abbreviations

AIOU	Allama Iqbal Open University
BECIL	Broadcast Engineering Consultants India Limited
BNNRC	Bangladesh NGO's Network for Radio and Communication
BRAOU	Dr. B.R. Ambedkar Open University
BOU	Bangladesh Open University
CCRT	Certificate in Community Radio Technology
CEMCA	Commonwealth Educational Media Centre for Asia
CLP	Community Learning Programme
COL	Commonwealth of Learning
COP	Community of Practice
CR	Community Radio
CR-CIT	Community Radio Continuous Improvement Toolkit
CRS	Community Radio Station
DIET	District Institute of Education and Training
EDAA	Ek Duniya Anek Awaz (One World Many Voices)
GOI	Government of India
IIIT	International Institute of Information Technology
ICT	Information and Communication Technology
IDRC	International Development Research Centre
KKHSOU	Krishna Kanta Handiqui State Open University
KOER	Karnataka Open Educational Resources

NIOS	National Institute of Open Schooling
MOOC	Massive Open Online Course
NMEICT	National Mission on Education through Information and Communication Technology
NSDA	National Skill Development Agency
NSDC	National Skill Development Corporation
NSQF	National Skills Qualification Framework
NSOU	Netaji Subhas Open University
ODL	Open and Distance Learning
OER	Open Educational Resources
OUM	Open University of Malaysia
ROER4D	Research on OER for Development
SDJF	Sri Lanka Development Journalist Forum
SLBC	Sri Lanka Broadcasting Corporation
TNOU	Tamil Nadu Open University
TYP	Three Year Plan
UCCM	UNESCO Chair on Community Media
UCT	University of Cape Town
UOU	Uttarakhand Open University
VOS	Virtual Open Schooling
WOU	Wawasan Open University

In response to needs expressed by the Commonwealth countries of the Asian region for a more effective utilisation of educational media resources for Distance Education, the Commonwealth of Learning (COL), established Commonwealth Educational Media Centre for Asia (CEMCA) in the year 1994. CEMCA, under a host country agreement signed between COL and Government of India (GOI) in 1998, has its headquarters in New Delhi. The GOI notified CEMCA as a diplomatic mission under section 3 of the United Nations (privileges and immunities) Act, 1947 (46 of 1947) vide the Gazette of India, Extraordinary, Part II, Section 3, sub-section (ii) dated 10 February, 2000.

Objectives

The strategic objective of CEMCA is to promote co-operation and collaboration in the use of electronic media resources for distance education. The specific objectives are to:

- Serve as a regional electronic media resource centre.

- Facilitate an effective exchange of information on educational media resources between educational and media organisations in the region.

- Promote greater use of electronic media in the delivery of distance education programmes.

- Promote linkage between CEMCA and other organisations to enhance the availability of educational media resources in the Commonwealth Asia

- Facilitate access to training in the development and use of electronic media resources for distance learning.

- Serve as a resource centre for educational technology.

This report is presented in pursuance with CEMCA rules to submit an annual report to COL and for sharing information with the members of the Advisory Council and the stakeholders.

Advisory Council Meeting

The Advisory Council of CEMCA functions as an advisory body of COL on CEMCA affairs and is responsible for broad policy formulation in the programme areas. Besides, it monitors and evaluates CEMCA's progress and suggests ways and means to improve performance.

The 14th CEMCA Advisory Council meeting was held on 16th September, 2014 at Penang, Malaysia. The action taken report on the minutes of the previous meeting and the report of the Director highlighting the achievements during the year 2013-14 were placed before the

members for the purpose of monitoring and evaluation. The meeting was attended by the following:

1. Prof. Asha S. Kanwar, Chairperson
2. Mr. Vis Naidoo, Deputy Chairperson
3. Dr. Vijitha Nanayakkara, Sri Lanka, Member
4. Professor Emeritus Tan Sri Anuwar Ali, Malaysia, Member
5. Mr. Anand Kumar Singh, Director, MHRD, Government of India, New Delhi, India (Represented Shri Praveen Prakash, Joint Secretary, MHRD, Government of India)
6. Prof. Vinod Pavarala, India, Member
7. Dr. Sanjaya Mishra, Director, CEMCA, Member
8. Mr. R. Thyagarajan, Head, Administration & Finance, CEMCA, Secretary

The following members could not attend the meeting:

Dr. S. S. Jena, ODL expert from India; Mr. Md. Nazrul Islam Khan, Secretary of Information and Communication Technology, Government of Bangladesh; Prof. Mansoor Akbar Kundi, Executive Director, Higher Education Commission, Government of Pakistan; and Ms. Aminath Namza, Head, Foreign Relations, Ministry of Education, Maldives.

Important suggestions that came up during the deliberations are:

1. Strengthen virtual open schooling through working with all stakeholders
2. Develop more industry linked programme at secondary level
3. Continue the work on ICT integrated teacher education and community of practice
4. Institutionalise OER based eLearning programmes for professional development of teachers
5. Organise the ICT Leadership in higher education event in Bangladesh
6. Promote OER and quality review process
7. Promote a community radio technology course and support more curricula for skills development
8. Further strengthen the community radio sector in India and Bangladesh through capacity building and model development
9. Ensure achievement of CEMCA's three year plan 2012-15 and analyse the evaluation reports on higher education and community media

Open Schooling

Virtual Open Schooling in India

To train the academic staff of National Institute of Open Schooling (NIOS) develop courses for the Virtual Open Schooling (VOS) platform, CEMCA organised a Strategy Framework workshop for eContent Development on January 06-07, 2015, wherein sixteen Academic Officers of NIOS participated and developed a strategy plan for the eContent development. Further, CEMCA transformed five secondary education level courses (English, Hindi, Economics, Social Studies and Business Studies) of NIOS for digital delivery through VOS. For effective implementation of online examination, a question

bank was developed for VOS. In addition, a national consultation was organised on May 15, 2015 for the promotion of Virtual Open Schooling in India in which 42 participants from State Open Schools (SOS), National Council for Educational Research and Training (NCERT), Central Institute of Educational Technology (CIET) and NIOS participated.

Developing Industry-linked Courses

Moving towards achieving the National Mission of skilling 500 million people in India, CEMCA has been supporting the development of open and distance learning courses in compliance with the National Skills Qualifications Framework. A modular programme for "Sound Technicians" was developed at the NIOS for which 12 lessons and 10 videos were developed. These are available at CEMCA website http:// www.cemca.org.in/resources/course-sound-technician. A skills based vocational modular programme "Nursing Assitance and Geriatric Care Assistance" was developed at JSS Karnataka Open School, Karnataka, India having 8 lessons and one practical manual for the two courses, i.e. 'Nursing Assistance', and 'Geriatric Care Assistance'. These learning resources are also available on CEMCA website. The developed contents were released as OER and made available on the CEMCA website.

5

Teacher Education

ICT Training for Teacher Educators

CEMCA is engaged in promoting adoption of blended approach to ICT integrated continuous professional development of teacher educators. While a Community of Practice (CoP) has been developed as part of this activity, in 2014-15 four workshops were held on integrating ICTs in Teacher Education.

Two workshops were organised for the teacher educators of Karnataka in collaboration with the Department of School Education Research and Training, Karnataka and IT *for* Change,

Bengaluru. The first workshop was organised from January 20-24, 2015 for Science and Mathematics and second from February 03-07, 2015 for Social Science and Language teacher educators of CTE and DIETs of Karnataka. The teacher educators were trained in accessing resources available online as OER, principles of re-use, revise, re-mix and redistribute, and sharing them on the Karnataka Open Educational Resources (KOER) platform. The resources were based on topics covered in the ICT course of Diploma in Education as well as components of School Leadership and Management.

The third workshop was organised from April 15-17, 2015 for the DIET teacher educators (27) of Himachal Pradesh at Central University of Himachal Pradesh ICT tools and the fourth one from November 15-17, 2015 for the DIET teacher educators (22) of Madhya Pradesh at Regional Institute of Education, NCERT, Bhopal. The DIET teacher educators, who were deputed by their respective state governments, were trained to use Open Source Software for practical experience of using ICT in classroom and training settings.

A consultative meeting was organised on 11-12 May, 2015 at New Delhi to discuss the baseline survey commissioned by COL on the status of teacher education using ODL. Teachers Educators from Bangladesh, India, Malaysia, Maldives and Sri Lanka participated and identified need-based projects titled "Learning for Sustainable Development" and at the end eight project proposals were formulated.

Higher Education

Institutional Capacity Building for OER-based eLearning

Open Educational Resources (OER) have emerged as one of the most significant contributions to the provision as well as the enhancement of learning and teaching quality in both, developed and developing contexts.

Wawasan Open University (WOU), Penang, Malaysia and Open University of Sri Lanka (OUSL) offered OER based eLearning programme for professional development of higher

education teachers on OER. There were 66 learners enrolled at WOU (37 female and 29 male) and 35 learners at OUSL (18 female and 17 male). A training of facilitators and customisation of content workshop for the same was conducted from October 14–16, 2014 at WOU and December 16–19, 2014 at OUSL. Open Badges were used to provide credits for the module completed by the participants.

A MOOC on OER in eLearning was offered by Wawasan Open University-Centre for Professional Development and Continuing Education (PACE) from 9th February to 17th May 2015 to promote use of OER in educational institutions. The MOOC consisted of five modules. Thirty five academics enrolled for this MOOC and their evaluation was carried out during and after completion of MOOC.

CEMCA on behalf of COL in collaboration with Kulachi Hansraj Model School (KHMS), New Delhi hosted two workshops on Educational (Android) App Development Toolkit from 18-20 March, 2015 and 8, 9 and 11 April 2015. In 1st and 2nd workshop 25 teachers and 25 students of KHMS got hands-on-experience to develop educational android mobile apps for teaching and learning.

Keeping in view the professional development of higher education teachers a national workshop on OER-based eLearning was organised by CEMCA in collaboration with Consortium for Educational Communication (CEC), (An Inter University Centre of University Grants Commission on Electronic Media), Government of India from December 22-24, 2014. The objective of the workshop was to develop capacities of open university teachers and CEC functionaries on OER-based eLearning; 26 participants from Uttarakhand Open University, Tamil Nadu Open University, Vardhman Mahaveer Open University, K K Handiqui

State Open University, Educational Multimedia Research Centre (EMMRC) and Directors of CEC's Education Media Research Centre (EMRC) participated in this capacity building workshop.

A capacity building workshop on OER was organised at UOU from February 18-19, 2015. Thirty participants attended this hands-on workshop on OER in designing new courses in the University. On the same occasion Uttarakhand Open University launched the OER-based eLearning programme developed by CEMCA for the professional development of the higher education teachers in the state of Uttarakhand.

ICT Leadership in Higher Education

A Regional workshop on ICT Leadership in Higher Education was organised in association with Bangladesh Open University, Dhaka from December 11-12, 2014. The workshop intended to create awareness of ICT integration in teaching and learning and sensitised the institutional leaders about the importance of developing technology master plan.

Professor M. A. Mannan, Vice-Chancellor, Bangladesh Open University inaugurated the event and Mr. M. Nazrul Islam Khan, Hon'ble Secretary, Ministry of Education, Government of the People's Republic of Bangladesh was the chief guest. The event was attended by 30 senior leaders and experts, including 22 Vice Chancellors of Universities of Bangladesh and India.

Quality Assurance of Open Educational Resources

To enable users of OER to assess quality using the criteria as in the "Quality Assurance Guidelines for OER: TIPS Framework version 2.0" CEMCA developed a MediaWiki Extension tool. This Media Wiki Extension tool is available at

https://github.com/CEMCA/QualityassuranceMWExtension

and https://www.mediawiki.org/wiki/Extension:QualityAssurance
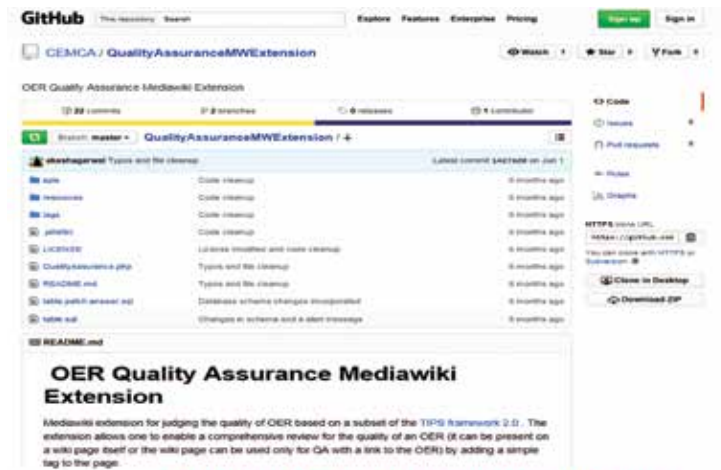
Based on the TIPS Framework, CEMCA organised a national capacity building programme from 27-29 May, 2015 on OER Quality at Dr. B. R. Ambedkar Open University (BRAOU), Hyderabad for ODL professionals. The objective of the programme were to develop capacities of Open University teachers on Quality Assurance of OER and develop capacities of participants to use Quality Assurance Guidelines for OER: TIPS Framework in identifying and assuring OER-quality. 21 ODL Professionals from State Open Universities of India participated in this capacity building programme.

Technical and Vocational Skills Development

Upgradation of Skill based Vocational curricula to NSQF

CEMCA assisted the Krishna Kanta Handiqui State Open University, Guwahati, Assam and Netaji Subhas Open University (NSOU), Kolkata, West Bengal in upgrading the existing skill based vocational curricula to the National Skills Qualification Framework (NSQF).

Two curricula finalisation workshops were organised by CEMCA on December 02-04, 2014 in Guwahati and June 3-5, 2015 in Kolkata. All existing curricula on electronics of the Krishna Kanta Handiqui State Open University (KKHSOU), Guwahati were aligned to the NSQF with the help of Electronics Sector Skill Council of India. In the workshop, the experts of the University exercised on 200 hour short term skill development courses aligning with NSQF and finalised eight curricula in electronics, IT, automotive and beauty and wellness sector. The experts of the School of Vocational Studies of the Netaji Subhas Open University (NSOU), Kolkata upgraded the existing curricula of 12 vocational courses to National Skills Qualification Framework (NSQF).

Flexible Curricula for Skill Training developed in Pakistan

Allama Iqbal Open University (AIOU), Islamabad developed the curricula on 12 new skill-based vocational courses in the discipline of media, electronics and agricultural sciences during a four-days workshop (26-29 May, 2015). The courses selected were audio recording and editing, video camera handling, still photography, graphic and set design, digital camera repairing and maintenance, refrigeration and air conditioning repairing and maintenance, cell phone repairing, commercial poultry farming, construction of poultry farm, etc.

National Consultation on OER for Skills Development

CEMCA organised a day long National Consultation on Open Educational Resources (OER) for Skills Development in New Delhi in collaboration with KNI Trust, Gurgaon on November 28, 2014. A total of 35 participants from educational institutions, TVET institutions, other private skill development organisations and government agencies such as National Skill Development Corporation (NSDC), National Skill Development Agency (NSDA) of Government of India and private companies such as IL&FS, BOSCH, etc. participated. A set of recommendations were made by the participants, that OER provides an excellent route to deliver skill training to millions. People can use OER for learning and attend hands-on training sessions for polishing their skills.

CEMCA Certificate in Community Radio Technology

The Certificate in Community Radio Technology course developed by CEMCA in collaboration with Broadcast Engineering Consultant India Ltd (BECIL) has been adopted and launched by Tamil Nadu Open University (TNOU) and Uttarakhand Open University (UOU) from the academic session 2015-16. CEMCA organised two programmes on Counselling of the CCRT Counsellors at Tamil Nadu Open University, Chennai on June 15-18, 2015 and at Uttarakhand Open University, Haldwani on June 23-26, 2015. 55 counsellors were trained in both the counselling programmes.

CEMCA also developed a question bank of multiple choice questions which could be used to evaluate the progress/achievement of students enrolled in Certificate in Community Radio

Technology (CCRT) course and broadly to test the technical knowledge of the enthusiasts of community radio. Based on these questions, CEMCA developed an Android based mobile application called "CR Tech Quiz" and an IVR system.

The newly designed IVR (Interactive Voice Response) Assessment tool has been implemented for providing telephone based self-assessment platform to enhance the knowledge on community radio technology for the CR stations and Certificate in Community Radio Technology (CCRT) course learners. CEMCA in collaboration with Gram Vaani started the IVR assessment tools during the early March 2015 and it became functional from June 2015. Once the caller dialed the provided number, which is **09211789369,** the server would automatically disconnect the call; however, the participants would immediately get a call back from another number. Once the participant received the call, the server would interact with the caller pronouncing certain instructions to follow as per one's choice only after going through the registration.

Community Media

CEMCA's Intervention for Policy on Community Media

CEMCA in collaboration with the Maldives Broadcasting Commission, Male', Sri Lanka Development Journalists' Forum, Colombo and Allama Iqbal Open University, Islamabad organised three consultations towards formulating policies on community media in the Maldives, Sri Lanka and Pakistan respectively. The first consultation was organised on February 5, 2015 in Male', where 28 participants from different ministries of the Maldives

government, international organisations, media organisations and civil society organisations participated and discussed on the initiation of community media in the island nation.

The second consultation on Community Radio was organised in Sri Lanka by Sri Lanka Development Journalists' Forum in collaboration with the Ministry of Mass Media and Information, Government of Sri Lanka, Sri Lanka Broadcasting Corporation (SLBC) and CEMCA on February 07, 2015 at the SLBC, Colombo. 16 practitioners and experts participated in the consultation for independent community radio architecture in the country.

In Pakistan, for the first time around 40 representatives from different inter-governmental organisations, community based organisations and educational institutions discussed the importance of having a policy on community radio. Allama Iqbal Open University (AIOU), Islamabad in collaboration with CEMCA and Pakistan Community Media Network organised the 'National Consultation on Community Radio for Learning' in Islamabad, Pakistan on May 25, 2015.

As an outcome of these consultations, the Maldives Broadcasting Commission is in a process to formulate a policy on Community Broadcasting.

The World Association of Community Radio Broadcasters (AMARC), Asia-Pacific, in collaboration with the Ministry of Information, Government of Bangladesh and SAARC Information Centre (SIC), organised a seminar on the 'Status and Role of Community Radio in the SAARC Region' from August 20-22, 2014 in Dhaka, Bangladesh.

Community Radio Continuous Improvement Toolkit

CEMCA in collaboration with the UNESCO Chair on Community Media (UCCM), University of Hyderabad conducted two workshops in Hyderabad on November 26-28, 2014 and October 8-10, 2014 aimed at building the capacities of Peer Reviewers in using the Community Radio Continuous Improvement Toolkit (CR-CIT), Version 2.0. 27 participants from the sector attended the workshops. It also aimed at inculcating appreciation of the core principles of community media. The workshops developed capacities of the participants to use CR-CIT effectively while serving as Peer Reviewers.
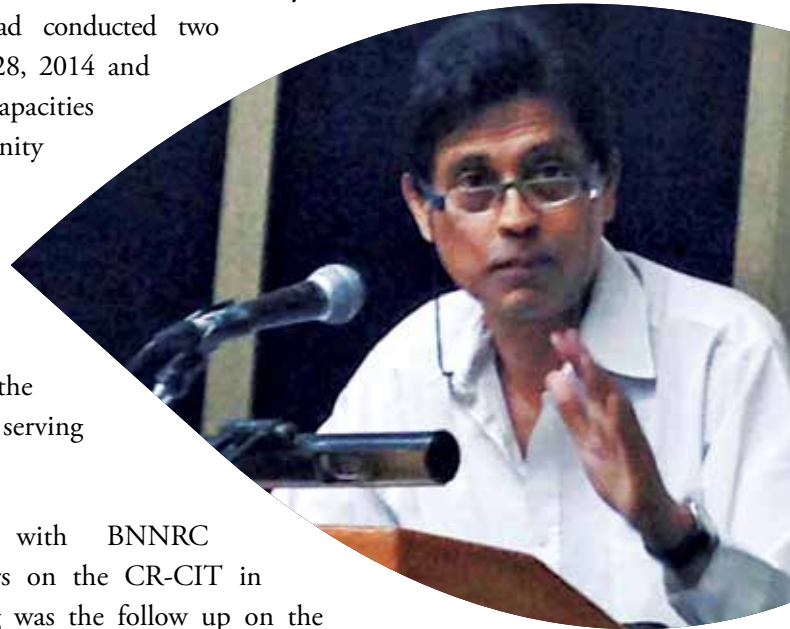
Further, CEMCA in collaboration with BNNRC organised a meeting with the stakeholders on the CR-CIT in Dhaka on August 19, 2014. This meeting was the follow up on the status of the CR-CIT for the Community Radio Stations in Bangladesh and to share the opinion of three CR stations, who participated in the field testing in November 2013.

Community Women Broadcasters Training and Development of CLPs

CEMCA in collaboration with Rupantar organised a master training workshop focused on mutual capacity sharing between women broadcasters of the Community Radio Stations of Bangladesh aiming to improve and strengthen the community participation in the programme production from August 25-28, 2014 in Dhaka, Bangladesh. 20 women broadcasters of 10 operational Community Radio Stations developed conceptual clarity on the Community

19

Learning Programme (CLP) model developed by Commonwealth of Learning through collaboration with various global partners. The participants were introduced to various tools that can be used for developing a radio series that blends 'outcome-oriented learning design' with 'process-oriented dialogue' and stakeholder participation. This also forms the core of the CLP model. The model ties in perfectly with the objective of increasing women participation in community radio at all levels of decision-making in a community radio programme.

In India, CEMCA assisted nine community radio (CR) stations in development of CLP, primarily on health and hygiene. With the objective to share the work on participatory learning, a consultation on Sustaining Participatory Learning towards Behaviour Change was organised by Maraa with support from Commonwealth of Learning and CEMCA on May 5, 2015 in New Delhi.

Promoting Sustainable Community Radio in South Asia

In collaboration with CEMCA and UNESCO, Ideosync Media Combine disseminated the final research outcomes on Community Radio Sustainability at the India Habitat Centre, New Delhi on May 6, 2015. Representatives of various Community Radio Stations such as Saiyarre Jo Radio and Waqt Ki Awaaz, India; Radio Bikrampur, Bangladesh; Radio Menchhyayem, Nepal shared their experiences. The research findings show that while CR stations in the region have made much progress in achieving social sustainability by engaging with their communities, a lot still needs to be done to build their institutional character as a local media resource that is independent, transparent and accountable to the community. The research also showed that policy restrictions on content that prevents local news impact sustainability of the CR stations.

Web Radio

CEMCA in collaboration with Sri Lanka Development Journalists' Forum (SDJF), Colombo and Post Graduate Institute of Agriculture (PGIA) at the University of Peradeniya, Kandy organised a national level workshop on Web Radio from February 9-11, 2015. Twenty participants were trained to install the GRINS, an open access web streaming software and stream the programmes through web. The participants were also enlightened with the comparison between community radio and web radio, uploading contents in the internet with creative commons license and demonstrated the functioning of a web radio at the Krushi Radio, Kandy under the Department of Agriculture, Government of Sri Lanka.

Online Directory of Community Radios

AMARC Asia-Pacific regional office, Kathmandu, Nepal in association with CEMCA developed an online directory of community radios of South Asia. The CR directory of South Asia is a comprehensive listing of Community Radio Stations, associations and federations. The online CR directory is the first of its kind of online regional database. It includes profiles of the broadcasters along with several other key development partners – governmental as well as non-governmental – that are actively supporting the development of community radio in South Asia.

Community Radio Video Challenge

Community Radio video challenge was organised in association with UNESCO and Apeejay Institute of Mass Communication (AIMC). Thirty six marvelous entries were received and best were awarded and presented at the India International Center on June 30, 2015 in New Delhi.

This 3-minute video challenge on the theme "Community Radio: Citizen's Voices, Empowering Societies" was organised for the students of Indian media schools. First prize winner was the video 'Dost'. The second and third positions were bagged by videos like 'Radio Se Shauchalaya Tak', 'Meri Awaaz' and 'Namma Vanoli', 'Mrityur Mukh Theke', 'Gungunaati Ansuni Aawazein', 'Jaano Adhikar', 'Apna Radio', respectively. All these videos are available at http://crvc.cemca.org.in/result.php

For the first time, CEMCA also organised the CRVC in Bangladesh in association with Bangladesh NGOs Network for Radio and Communication (BNNRC). A total of 20 entries have been received and a high panel jury selected the videos for the awards.

The World Radio Day was observed by UNESCO, New Delhi and CEMCA at the UN Conference Hall, New Delhi on February 13, 2015 with launch of the *South Asia Network on Community Media*. Further, studies on *Innovation in the Community Radio*, a CEMCA initiative and *Internal Migration: A Manual for Community Radios,* a UNESCO initiative and Innovations in Community Radio a CEMCA initiative were also released.

Additional Funding Projects

Orientation on Science for Women's Health and Nutrition

An orientation workshop on Science for Women's Health and Nutrition (SFWHN) was organised by the National Council of Science and Technology Communication (NCSTC), Department of Science and Technology, Government of India in collaboration with CEMCA on April 30 and May 01, 2015. As many as 20 representatives of Community Radio Stations across India participated in the orientation workshop and presented their action work-plan to

implement the project. The orientation laid greater focus on topics like, history and the present scenario of CR, baseline studies and content development, and capacity building.

Research on OER for Development (ROER4D)

CEMCA has signed a research contract with the University of Cape Town (UCT) to conduct a research titled, "Teachers' Attitudes, Motivations and Conceptions of Quality and Barriers to Open Educational Resources in India", supported by IDRC, Canada as a project within the ROER4D to strengthen South-South cooperation on development and use of OER. The research study is now in its concluding stage of data analysis, interpretation and report writing. This research aims at identifying the attitudes, motivations, concerns on quality and barriers of higher education faculty towards use of and contribution to Open Educational Resources (OER). As part of the research, four workshops on 'OER for Development' were successfully conducted in collaboration with Krishna Kanta Handiqui State Open University, Guwahati (Open University); Maulana Azad National Urdu University, Hyderabad (dual mode university); Centurion University of Technology and Management, Bhubaneshwar (Multi Campus University); and Krishna University, Machilipatnam (University in remote rural area). These workshops assisted 121 university teachers to understand the history and development of OER and empowered them to relate the need of OER in their work environment. It also aimed to facilitate appreciation of the importance of open licensing in educational materials. The results of the study would assist policy-makers and institutional leaders to design effective strategies to integrate OER productively into teaching and learning practices.
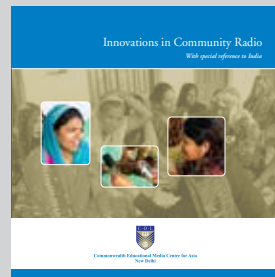
Publications

During the period 2014-2015, CEMCA published the following:

1. Innovation in community radio

2. Teleconference based Model of Capacity Building for ICT Integration

3. Technology, Education and Design: The Sciences of the Artificial

CEMCA also published three issues of the CEMCA Newsletter. All CEMCA publications are accessible online through its website and social media channels.

Research on Open Educational Resources for Development

Community Radio Video Challenge

Marlina Binti Mahadzir
Universiti Terbuka Malaysia

Awards

CEMCA Awards for the best female student in Information and Communication Technologies or Electronic Media and Mass Communication studies were presented at Universiti Terbuka Malaysia, Malaysia; Tamil Nadu Open University, Chennai, India; and Krishna Kanta Handiqui State Open University, Guwahati, India. Besides, CEMCA also distributed cash awards to meritorious students of Class X and XII of the National Institute of Open Schooling, India.

List of Awardees

1. Marlina Binti Mahadzir, Universiti Terbuka Malaysia
2. Roobha M., Tamil Nadu Open University
3. Poli Borah, Krishna Kanta Handiqui State Open University
4. Mitali Goswami, Krishna Kanta Handiqui State Open University
5. Aswathi T. P., National Institute of Open Schooling
6. Siddharth Singh, National Institute of Open Schooling
7. Maheta Harsh Yogesh Kumar, National Institute of Open Schooling
8. Sreelatha R., National Institute of Open Schooling
9. Shubhanil Krishna, National Institute of Open Schooling
10. Santosh Gandhi, National Institute of Open Schooling
11. Sandra C. J., National Institute of Open Schooling
12. Athira T., National Institute of Open Schooling
13. Navya K. J., National Institute of Open Schooling
14. Kaushlendra Yadav, National Institute of Open Schooling
15. Shivan Yadav, National Institute of Open Schooling
16. Challa Keerthana, National Institute of Open Schooling

Collaborations

CEMCA signed Memorandum of Understanding (MoU) with the following organisations during 2014-15.

- Uttarakhand Open University, Haldwani, India.
- Tamil Nadu Open University, Chennai, India

CEMCA organised various activities in collaboration with partner institutions. Some of the major partner institutions with whom CEMCA collaborated during the period are:

- Wawasan Open University, Penang, Malaysia
- Maldives Broadcasting Commission, Maldives
- Open University of Sri Lanka, Sri Lanka
- Bangladesh Open University, Bangladesh
- Sri Lanka Development Journalist Forum, Sri lanka
- Allama Iqbal Open University, Pakistan
- Bangladesh NGOs' Network for Radio and Communication, Bangladesh
- Rupantar, Bangladesh
- IDRC, Canada
- UNESCO-Chair, University of Hyderabad, India
- Krishna Kanta Handiqui State Open University, India
- Tamil Nadu Open University, India
- National Institute of Open Schooling, India
- UNESCO, India
- Central University of Himachal Pradesh, India
- Netaji Subhas Open University, India
- IT for Change, India
- Apeejay Institute of Mass Communication, India
- Ideosync Media Combine, India
- Uttarakhand Open University, India
- Regional Institute of Education, NCERT, Bhopal, India
- JSS Karnataka Open School, Karnataka, India
- DSERT, Karnataka, India
- Dr. B.R. Ambedkar Open University, Hyderabad, India

Human Resources, Budget and Expenditure

Movement

Dr. Sanjay Mishra joined COL as Education Specialist, eLearning on January 01, 2015

Welcome

Dr. Ramesh C. Sharma joined CEMCA as Director on January 01, 2015

Finance

During the year 2014-15, CEMCA received INR 3,42,14,996 (CAD 6,22,090) from COL for its operation and planned programme activities. CEMCA also received INR 16,30,575 (CAD 29,647) for IDRC & DST sponsored projects as given below:

S.No	Source of Additional Contribution	Amount in INR	Amount in CAD
1.	IDRC	13,30,575	24,192
2.	DST	3,00,000	5,455
	Total Amount	**16,30,575**	**29,647**

CEMCA's programme expenditure was INR 1,48,12,178 (CAD 2,69,312) under the core programme budget during the period 2014-15. CEMCA's programme expenditure was 84.76% of the amount under the core programme budget during the period under report.

'Research on OER for Development', a Project sponsored by IDRC, was initiated in the month of January, 2014. During the 2 year project period ending on 31st December 2015, CEMCA earned INR 14,01,300 as its overhead cost.

33

List of Activities July 2014 - June 2015

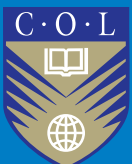| Sr. No.	Dates	Name of the Event/Activity	Nature of funding/ Activity (core funds/additional funding	Venue/Place	Partner Organisation/ Institute	Initiatives
1	June - October, 2014	Cascade workshop for Community Broadcasters'	Core funding		"INDIA (CRS) Alfaz-e-Mewat, Gurgaon; CMS Radio, Lucknow; Gurgaon Ki Awaaz, Haryana;Hevalvani, Uttarakhand; Kumaon Vani, Uttarakhand; Radio Dadhkan, MP; Radio Mewat, India; Voice of Azamgarh, U.P.; Waqt Ki Awaaz; Radio Active, Bangalore; Radio Siddharth, Karnataka; Radio Vishnu, Andhra Pradesh"	Community Media/ Healthy Communities
2	July 13 – 14, 2014	Pre-Conference at the International Association of Media and Communication Research (IAMCR) conference.	Core funding	Hyderabad, India	University of Hyderabad, Hyderabad	Community Media/ Healthy Communities
3	August 19, 2014	Meeting with the stakeholders on the CR CIT	Core funding	Dhaka, Bangladesh	BNNRC, Bangladesh	Community Media/ Healthy Communities
4	August 20-22, 2014	AMARC-SIC Meet on Community Radio in South Asia	Core funding	Dhaka, Bangladesh	AMARC Asia Pacific and SAARC Information Centre, Kathmandu	Community Media/ Healthy Communities
5	August 25 -28, 2014	Workshop for the Community Women Broadcasters	Core funding	Dhaka, Bangladesh	Rupantar, Bangladesh	Community Media/ Healthy Communities
6	October 08 -10, 2014	Community Radio Peer Reviewers Training Workshop	Core funding	Hyderabad, India	University of Hyderabad, Hyderabad	Community Media/ Healthy Communities
7	November 26 -28, 2014	Community Radio Peer Reviewers Training Workshop	Core funding	Hyderabad, India	University of Hyderabad, Hyderabad	Community Media/ Healthy Communities
8	February 05, 2015	National Consultation on Community Media in Maldives	Core funding	Male', Maldives	Maldives Broadcasting Commission, Male'	Community Media/ Healthy Communities

Sr. No.	Dates	Name of the Event/Activity	Nature of funding/ Activity (core funds/additional funding	Venue/Place	Partner Organisation/ Institute	Initiatives
9	February 07, 2015	National Consultation on Community Radio in Sri Lanka	SDJF	Colombo, Sri Lanka	SDJF, Colombo	Community Media/ Healthy Communities
10	February 09-11, 2015	National Workshop on Web Radio	Core funding	Kandy, Sri Lanka	SDJF, Colombo	Community Media/ Healthy Communities
11	April 30-May 01, 2015	Orientation Workshop on Science for Women's Health and Nutrition	EBF	New Delhi, India	NCSTC, Govt. of India	Community Media/ Healthy Communities
12	May 24, 2015	National Consultation on Community Radio for Learning	AIOU	Islamabad, Pakistan	AIOU, Pakistan	Community Media/ Healthy Communities
13	December 11-12, 2014	Regional Workshop on ICT Leadership in Higher Education, Bangladesh	Core funding	BOU, Dhaka, Bangladesh	BOU, Dhaka, Bangladesh	Higher Education
14	December 16–19, 2014	Workshop for capacity building of educators on OER-based e-Learning at the Open University of Sri Lanka	Core funding	OUSL, Sri Lanka	Open University of Sri Lanka	Higher Education
15	December 22-24, 2014	National Capacity Building Workshop on OER-based eLearning	Core funding	CEC, New Delhi	Consortium for Educational Communication (CEC), Govt. of India, New Delhi	Higher Education
16	February 18-19, 2015	Launching of CEMCA's OER-based eLearning Programme and conduct of Capacity Building Workshop on OER at UOU, Uttarakhand	Core funding	UOU, Haldwani, India	Uttarakhand Open University, Haldwani, India	Higher Education
17	March 02-05, 2015	Workshops on Open Educational Resources for Development (ROER4D) at Machilipatnam	Additional funding	Krishna University, Machilipatnam, India	Krishna University, Machilipatnam, India	Higher Education
18	March 07-10, 2015	Workshops on Open Educational Resources for Development (ROER4D) at Bhubaneswar	Additional funding	Centurion University, Bhubaneswar, India	Centurion University, Bhubaneswar, India	Higher Education
19	May 27-29, 2015	National Capacity Building of ODL Professionals on OER Quality	Core funding	BRAOU, Hyderabad, India	BRAOU, Hyderabad, India	Higher Education

35

Sr. No.	Dates	Name of the Event/Activity	Nature of funding/ Activity (core funds/additional funding	Venue/Place	Partner Organisation/ Institute	Initiatives
20	January 06-07, 2015	Strategy Framework workshop for eContent Development for Virtual Open Schooling (VOS)	Core funding	NIOS, New Delhi, India	NIOS, New Delhi, India	Open Schooling
21	April 29-30, 2015	Skills based Vocational Programme for Home Nursing and Geriatric Care	Core funding	Karnataka State Open School, Mysore, India	Karnataka State Open School, Mysore, India	Open Schooling
22	May 15, 2015	National Consultative Workshop for Promotion of Virtual Open Schooling in India	Core funding	NIOS, New Delhi, India	NIOS, New Delhi, India	Open Schooling
23	June 08-10, 2015	Review and Finalisation of the Draft Learning Materials of Skills based Vocational Programme for Nursing Assistance and Geriatric Care Assistance	Core funding	Karnataka State Open School, Mysore, India	Karnataka State Open School, Mysore, India	Open Schooling
24	November 15-17, 2014	Workshop on ICT integrated teacher education for DIET Teacher Educators of Madhya Pradesh	Core funding	RIE, NCERT, Bhopal, India	RIE, NCERT, Bhopal, India	Teacher Education
25	January 20-24, 2015	Workshops on "ICT Integrated Teacher Education and Communities of Practice for Teacher Educators" for DIETs and CTEs of Karnataka (Science and Mathematics)	Core funding	Rural DIET, Bengaluru, India	IT4Change, Bengaluru, India and DSERT, Bengaluru, India	Teacher Education
26	February 03-07, 2015	Workshops on "ICT Integrated Teacher Education and Communities of Practice for Teacher Educators" for DIETs and CTEs of Karnataka (Social Science and Languages)	Core funding	Rural DIET, Bengaluru, India	IT4Change, Bengaluru, India and DSERT, Bengaluru, India	Teacher Education
27	March, 18-20, 2015	Workshop on Educational Android App Development Toolkit	COL funding	KHMS, New Delhi	Kulachi Hansraj Model School, New Delhi, India	Teacher Education
28	April 08, 09 & 11, 2015	Workshop on Educational Android App Development Toolkit for Students	COL funding	KHMS, New Delhi	Kulachi Hansraj Model School, New Delhi, India	Teacher Education
29	April 15-17, 2015	Workshop on ICT integrated teacher education for DIET Teacher Educators of Himachal Pradesh	Core funding	Central University of Himachal Pradesh, Kangra, India	Central University of Himachal Pradesh, Kangra, India	Teacher Education
30	May 11-12, 2015	Regional Consultative Meeting on Teacher Education Using Open and Distance Learning (ODL) in Asia	COL funding	Oberoi Hotel, New Delhi, India	CEMCA and COL	Teacher Education

36

Sr. No.	Dates	Name of the Event/Activity	Nature of funding/ Activity (core funds/additional funding	Venue/Place	Partner Organisation/ Institute	Initiatives
31	November 28, 2014	National Consultation on OER for Skill Development	Core funding	New Delhi, India	KNI Trust, Gurgaon	TVSD
32	January 12-13, 2015	Evaluation Strategy for the Community Radio Technology	Core funding	New Delhi, India	BECIL, India	TVSD
33	May 25-28, 2015	Development of Flexible Curricula for Skill Training in Pakistan at Allama Iqbal Open University	Core funding	Islamabad, Pakistan	AIOU, Pakistan	TVSD
34	June 03-05, 2015	Upgradation of Vocational Curricula to NSQF at Netaji Subhas Open University	Core funding	Kolkata, India	NSOU, Kolkata	TVSD
35	June 15-18, 2015	Counselling of the CCRT Counsellors at Tamil Nadu Open University,	Core funding	Chennai, India	TNOU, India	TVSD
36	June 23-26, 2015	Counselling of the CCRT Counsellors at Tamil Nadu Open University,	Core funding	Haldwani, India	UOU, India	TVSD

37