

Day 2: 29th March 2023

Session V (Technical) : Alternative Technologies for Teaching with Special Reference to Mobile Technologies & Apps. Emerging Media Technologies.

Session VI (Technical) : Intellectual Property Rights (IPRs) and Open Educational Resources (OERs)

Session VII (Technical) : Digital Universities: The Road Ahead (Panel Discussion with VCs & Other Technical Experts)

Session VIII (Valedictory): Review, Feedback and Valedictory Address

Target Participants:

Faculty who are offering MOOCs, others Faculty and Research Scholars, Production staff working in EMRCs.

General Instructions:

Maximum number of participants is limited to 100, i.e., 30% outstation and 70% local, on first come first served basis. Attendance in all the sessions is compulsory. All the instructions will be communicated to all the participants through Email or WhatsApp. Certificates will be issued to those who participate and give feedback on each session online.

Call for Papers: Full paper having 2500-3000 words should be submitted on or before 26th March, 2023 along with abstract to Email emrcou.semin@gmail.com.

How to Apply: Register through the following Google form link on or before 24th March 2023.

Google Link:

<https://forms.gle/rm2TtHqPR18emEAm8>(No registration fee)

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Consortium for Educational
Communication



**National Seminar
On**

**Emerging Trends in Digital Technologies
for Teaching and Learning
at Higher Education: A MOOCs Perspective**

**Organised by
Educational Multimedia Research Centre
Osmania University**

**Sponsored by
Consortium for Educational Communication
New Delhi**

on 28th and 29th March, 2023

**Venue:
PGRR Centre for Distance Education
Osmania University, Hyderabad-500007**

**Chief Patrons:
Prof. D. Ravinder
Vice-Chancellor, Osmania University, Hyderabad.**

**Prof. J.B. Nadda
Director, Consortium for Educational Communication, New Delhi.**



About Educational Multimedia Research Centre

EMRC at OU is one of the 21 Media Centres established by the University Grants Commission (UGC), New Delhi, in 1984. The mandate for EMRC is to produce educational content as assigned by the UGC and CEC. During the last 39 years, the Centre has produced hundreds of enrichment documentary video programmes, e-content and MOOCs. Many of the videos produced by the Centre have won National and International awards in different areas.

About Osmania University

A century year old, Osmania University was established in 1918. It is the seventh oldest in India, the third oldest in south India and the first to be established in the erstwhile princely state of Hyderabad. OU is spread over 1600 acres of serene campus in the heart of Hyderabad. With 12 faculties, 53 departments, 500 colleges (affiliated-public/private) and over 3 lakh students, Osmania University is one of the biggest universities in the country. On the turn of every decade it has shown remarkable progress and sustained an integrated development of all faculties. It has significantly contributed to the academic and economic development of not only the region but also of the Country. Its alumni have distinguished themselves nationally and internationally in various spheres of life and are spread far and wide around the world.

The University has a vision of developing, enhancing, and improving the quality of human resources to meet the challenges of regional, national and global socio-economic changes. Its mission is to achieve excellence in teaching and research and to create opportunities for the students to contribute to the national and regional development. Osmania University is re-accredited (third cycle) by the National Assessment and Accreditation Council (an Autonomous Institution of the University Grants Commission) as 'A+' Grade University.

About Consortium for Educational Communication

The Consortium for Educational Communication (CEC) is one of the Inter University Centers established by the University Grants Commission of India. The main

objective of CEC is to create educational content/resources and make available the same to the students of higher education through television and online learning through the Web. Starting with Countrywide Classroom programme through television in the year 1984 to the present MOOCs the CEC has come a long way in creating quality educational repositories for the benefit of students across the country, particularly for the benefit of rural students. CEC is the nodal agency for the 21 EMRCs in various universities in the country working towards the mandate given by the UGC and Ministry of Education.

About the Seminar

The emerging technologies in education, such as, artificial intelligence, virtual reality, and augmented reality are being incorporated into the classroom world over. These technologies facilitate innovative and effective teaching methods and learning experiences. It is expected that in the next ten years the emerging technologies are going to drastically impact classroom learning, particularly in view of technologies in virtual reality. During pandemic, all the educational institutions tried their level best to save the academic calendar using all available technologies of online teaching, although not that effective. However, the importance of use the emerging technologies for classroom as well as online learning is realised.

According to the National Education Policy 2020 (NEP-2020), "Given the explosive pace of technological development allied with the sheer creativity of tech-savvy teachers and entrepreneurs (including student entrepreneurs), it is certain that technology will impact education in multiple ways, only some of which can be foreseen at the present time. New technologies involving artificial intelligence, machine learning, block chains, smart boards, handheld computing devices, adaptive computer testing for student development, and other forms of educational software and hardware will not just change what students learn in the classroom but how they learn, and thus these areas and beyond will require extensive

research both on the technological as well as educational fronts." The NEP-2020 further states that an autonomous body, the National Educational Alliance for Technology (NEAT), will be created to provide a platform for use of technology to enhance learning, assessment, planning, administration, and so on, both for school and higher education. It further says that the higher educational institutions may also develop and disseminate courses via platforms, such as SWAYAM.

Massive Open Online Courses (MOOCs) is one such initiative of the Govt. of India available on SWAYAM to impart pertinent knowledge in specific fields, free of cost. MOOCs are becoming popular world over that provide open access to quality education through Internet. Top platforms for MOOCs are Udemy, Coursera, edX in USA and SWAYAM in India apart from other private initiatives. It has become handy for the students in India to take relevant course useful under Choice Based Credit System (CBCS). MOOCs are so easy now that our students are taking courses in foreign universities, likewise foreign students are taking Indian and the demand for MOOCs is ever increasing.

This Seminar provides an opportunity for the faculty of UG and PG who are new to the development of MOOCs get to know the latest developments of MOOCs through the lectures by the invited speakers.

Day 1: 28th March 2023

Session I (Inaugural): Keynote Address and Presidential Address.

Session II (Technical): Introduction to MOOCs and Role of CEC

Session III (Technical): Digital Initiatives of India at Higher Education

Session IV (Technical): Role of SWAYAM in Promoting Online Education