



DIPLOMA IN MULTIMEDIA AND ANIMATION

Odisha State Open University (OSOU) has launched a Diploma in Multimedia and Animation, developed with COL's support. The programme has the following six courses:

- Course 1:** Introduction to Multimedia
- Course 2:** Digital Imaging
- Course 3:** 2D Basic Animation
- Course 4:** 3D Animation
- Course 5:** Audio Visual Production
- Course 6:** Project Work

<http://oasis.col.org/handle/11595/2865>



COURSES ALIGNED TO CURRICULUM OF MEDIA AND ENTERTAINMENT SKILLS COUNCIL, INDIA

The Centurion University of Technology and Management, India, has developed the following courses aligned with the qualifications pack of the Media and Entertainment Skills Council:

- Editor (MES Q 1401)
- Sound Engineer (MES Q 3402)
- Camera Operator (MES Q 0602)
- Animator (MES Q 0701)

<http://oasis.col.org/handle/11599/2402>



STAND-ALONE COURSES ON ADVANCED TECHNOLOGIES

The University of Mauritius has developed the following courses:

- Digital Marketing
- IoT and Cloud Computing
- R Programming and Big Data Analytics
- Computer Security, Forensics and Ethical Hacking

<https://tell.colvee.org/>



CALL FOR COURSE DEVELOPMENT

COL welcomes educational institutions in the Commonwealth to partner in OER development in the following areas, which are currently in demand:

- Machine Learning
- Agile Methods and the Scrum Framework
- MEAN Stack Web Application Development
- UX/UI Fundamentals
- Node.js Fundamentals
- Programming Languages such as Go, Ruby, Perl, etc.

We also welcome course development proposals in any other areas of advanced ICT skills that will lead to employment and entrepreneurship.

Please visit OAsis, COL's Open Access Repository, for course information and easy access to learning resources and publications:

OAsis.org

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COMMONWEALTH *of* LEARNING



Advanced ICT Skills Development Project





INTRODUCTION

With 60 per cent of the Commonwealth's population under 30 years of age, the skilling of youth is a top priority for governments. The Commonwealth of Learning's (COL) current focus includes course and programme development for information and communication technologies (ICT) and media skills that lead to employability and livelihoods. The Advanced ICT Skills Development project aims to reach 30,000 learners (of whom at least 50 per cent are to be women) through 60 innovative courses developed in partner institutions as open educational resources (OER).

While the development of courses has become easier with the availability of technology and OER, it is important that courses reach learners in the Commonwealth and help improve their livelihoods. COL works with open universities and other institutions offering advanced ICT skills courses to reach learners across the Commonwealth.



COL SUPPORT

Courses are developed by partner institutions that agree to launch these as stand-alone courses or as part of a programme, and to make the materials developed available as OER under the Creative Commons Attribution-ShareAlike (CC BY-SA) licence. COL support covers:

- Expert consultation to develop the curriculum
- Workshops for instructional design and course development training
- Content development (including video production)
- Support for course implementation
- Tracer studies



ROLE OF PARTNER INSTITUTIONS

Educational institutions with expertise in various areas of advanced ICT skills collaborate with COL to develop courses that are immediately needed to decrease the skills gap and improve employment opportunities for youths. Before venturing into a partnership to develop a course, COL confirms that relevant OER are not already available; if they are, COL suggests that partner institutions check the materials' suitability for local needs.



COLLABORATIVE COURSE DEVELOPMENT

Six open universities in Africa and Asia – Allama Iqbal Open University (AIU), Indira Gandhi National Open University (IGNOU), National Open University of Nigeria (NOUN), Open University Malaysia (OUM), Open University of Tanzania (OUT) and Open University of Sri Lanka (OUSL) – have developed 12

Partner institutions take responsibility for the following:

- Receiving course approval from statutory bodies at the institutional and/or national level (if required)
- Partnering with skill-development agencies and/or industry at the national level for accreditation
- Developing the courses and conducting quality assurance
- Offering the courses, registering learners and providing learner support
- Providing certification as well as placement support
- Providing COL with data related to enrolment and placement

courses collaboratively to offer two programmes: (i) Certificate in Web Application Development and (ii) Diploma in Mobile Application Development. These courses are now available for use by any other university to offer courses/programmes in both areas. The course details are as follows:

COURSE TITLE	DEVELOPED BY
Mobile Application Development (Diploma)	http://oasis.col.org/handle/11599/2846
Course 1: Introduction to Mobile Architecture	IGNOU
Course 2: Introduction to Databases	OUT
Course 3: Introduction to Android	OUSL
Course 4: Programming Using Python	OUSL
Course 5: Introduction to Windows and iOS	IGNOU
Course 6: Image Design and Animation Development	NOUN
Course 7: Programming Using Java	NOUN
Web Application Development (Certificate)	http://oasis.col.org/handle/11599/2846
Course 1: Introduction to Web Development	AIUO
Course 2: Principles of Design	OUM
Course 3: Digital Imaging	OUM
Course 4: Web Programming I (Client-Side Scripting)	AIUO
Course 5: Web Programming II (Server-Side scripting)	OUT