Facilities for E-Content Development

Institution has the following Facilities for e-content development
1. **Media Centre**
2. **Audio Visual Centre**
3. **Lecture Capturing System(LCS)**
4. **Mixing Equipments and Software for Editing**

Educational Material Resource Development Centre (EMRDC)-
-Sponsored by AMET Alumni Association

The University has established Educational Materials Resource Development Centre (EMRDC) during 2013-14. The EMRDC facilitates the faculty members to create video lectures and other E contents to be uploaded in the University Learning Management System, uLektz and MyCamu. During 2019-20, the AMET Alumni Association (AAA) has fully sponsored the upgradation of EMRDC as a holistic Media Centre with a cost of 25 lakhs in 1000Sq.ft., equipped with high end studio viz CAM Corder, Editing Software and production equipments.

- SOUND: Sennheiser Microphone, Sound Card, Accessories

- SOUND: Audio Mixing Console Yamaha MG06

- Podium: Stand + JTS Podium Microphone 18"

- LIGHT: Led Pars all rigged in the ceiling

- CAMCORDER: Sony HXR NX 200 with accessories

- EDITING COMPUTER: Pro Premium Supports 4K Rendering

- TV Screen + Tripod: Mi Tv 44" + Stand (Tripod for Mounting TV)

- Green Carpet

- Green Screen (6'x10')

- Acoustic Sound Proof Door

EMRDC aims to help anyone with a hunger for knowledge overcome some significant challenges like lack of time, location and travel limitations, inability to commit to full-time study, etc. This centre is mainly involved in the development of Massive Open Online Courses (MOOC), E-Contents like educational video documentaries, video lectures for UG and PG subjects of study. EMRDC empowers learners to grow and achieve their goals.

The EMRDC has produced many programmes in various subjects like Marine Engineering, Nautical Science, Navigations, Ship stability, Shipping business, English , Petroleum Engineering , Naval Architecture –Ship design , Computational fluids , Electrical and Electronics Engineering etc. are as follows.

Video lecture programs has hosted in EMRDC AMET Channel, Institutional Learning Management System-LMS like uLektz and MyCamu.

Academic Year	No of e-content Videos	Platform on which module is developed
2015-16	11	• uLektz (Institutional LMS)
2016-17	11	• uLektz (Institutional LMS)
2017-18	10	• uLektz (Institutional LMS)
2018-19	61	• uLektz (Institutional LMS) • AMET EMRDC(YouTube Channel
2019-20	172	• Teachers academy- • Udemy, • Vidyamitra-(NME-ICT)Ministry of Education (MoE), • CAMU(Institutional LMS) • uLektz (Institutional LMS) • AMET EMRDC (YouTube Channel)
2020-21	223	• CAMU(Institutional LMS) • AMET EMRDC • (YouTube Channel)

Courses Developed in Online MOOC Courses

S.No	Platform	Course	Link to the relevant document
1	Teachers Academy	Shipping Finance	https:// teachersacademy.co.in /course/Shipping finance
2	Teachers Academy	An Introduction to Phonetics	https://teachersacademy.co.in/ course/ An Introduction to Phonetics/
3	Udemy	Fundamental of Shipping finance	https://www.udemy.com/course/fundamentals-of-shipping-finance/
4	Vidyamitra-(NME-ICT)Ministry of Education (MoE)	Grammar and Usage for Undergraduates	http://vidyamitra.inflibnet.ac.in/index.php/about
5	AMET EMRDC Youtube Channel	All courses	https://www.youtube.com/channel/UCtA5Z10ojA-qGkuzoYbO4tw/videos

For more details :   https://www.ametuniv.ac.in/media-centre.html

Now the EMRDC is concentrating on developing MOOCs online courses offered through an ICT platform that enables students to access high quality video lectures, reading resources; allows them to participate in discussion forums; take tests and also earn academic grades. MOOCs may either be Credit or Non-Credit bearing under semester system.

Mr.R.Sundar-Deputy Director-EMRDC Centre

Mr.Muthukumar- Designer

Mr.Gopinath-Editor

Mr.Santhosh-Camera man.

Mr.Arun- Senior Technician

Facilities

https://www.ametuniv.ac.in/media-centre.html

S.No	Details of Infrastructure	Quantity
1	**Functional Studio**	Camcorder: Sony HXR NX 200 with full on accessories , Podium: Stand + JTS Podium Microphone 18", TV Screen + Tripod: Mi Tv 44" + Stand (Tripod for Mounting TV)
2	Functional editing setup	EDITING COMPUTER: Pro Premium Supports 4K Rendering
3	Animation / Graphics Workstations	Sennheiser Wirless System Lapel Microphone Set (Made in Germany), Graphics Card: 6 GB Nvidia GeForce GTX 1660. SUPER. (Made in USA), SOUND: Audio Mixing Console Yamaha MG06
4	E-Content Integration workstation	Processor: AMD Ryzen 7 2700X Desktop Processor 8 Cores up to 4.3GHz 20MB Cache AM4 Socket (Made in USA); ASUS B450 AMD Ryzen 2 ATX Gaming Motherboard

AMET Youtube Channel

Educational Materials Resource Development Centre