



### **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



**AMET**  
**UNIVERSITY**  
(Dedicated to the Education of the Maritime Industry)

- 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.

<b>Academic Year</b>	<b>No of e-content Videos</b>	<b>Platform on which module is developed</b>
2015-16	11	<ul style="list-style-type: none"><li>• uLektz (Institutional LMS)</li></ul>
2016-17	11	<ul style="list-style-type: none"><li>• uLektz (Institutional LMS)</li></ul>
2017-18	10	<ul style="list-style-type: none"><li>• uLektz (Institutional LMS)</li></ul>
2018-19	61	<ul style="list-style-type: none"><li>• uLektz (Institutional LMS)</li><li>• AMET EMRDC( YouTube Channel)</li></ul>
2019-20	172	<ul style="list-style-type: none"><li>• Teachers academy-</li><li>• Udemy,</li><li>• Vidyamitra-(NME-ICT)Ministry of Education (MoE),</li><li>• CAMU(Institutional LMS)</li><li>• uLektz (Institutional LMS)</li><li>• AMET EMRDC (YouTube Channel)</li></ul>
2020-21	223	<ul style="list-style-type: none"><li>• CAMU(Institutional LMS)</li><li>• AMET EMRDC</li><li>• (YouTube Channel)</li></ul>



### Courses Developed in Online MOOC Courses

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

For more details : <https://www.ametuniy.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>

<u>S.No</u>	<u>Details of Infrastructure</u>	<u>Quantity</u>
<u>1</u>	<b>Functional Studio</b>	<u>Camcorder:</u> <u>Sony HXR NX 200 with full on accessories , Podium: Stand + JTS Podium</u> <u>Microphone 18", TV Screen + Tripod: Mi Tv 44" + Stand (Tripod for Mounting TV)</u>
<u>2</u>	Functional editing setup	<u>EDITING COMPUTER: Pro Premium Supports 4K Rendering</u>
<u>3</u>	<u>Animation / Graphics Workstations</u>	<u>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</u>
<u>4</u>	<u>E-Content Integration workstation</u>	<u>Processor: AMD Ryzen 7 2700X Desktop Processor</u> <u>8 Cores up to 4.3GHz 20MB Cache AM4 Socket (Made in USA);</u> <u>ASUS B450 AMD Ryzen 2 ATX Gaming Motherboard</u>



**AMET UNIVERSITY**  
 (Deemed to be University Under Section 3 of UGC Act 1956)

## AMET Youtube Channel

### Educational Materials Resource Development Centre



**EMRDC AMET**  
270 subscribers

SUBSCRIBE

HOME VIDEOS PLAYLISTS CHANNELS DISCUSSION ABOUT

Uploads PLAY ALL SORT BY

<b>Air Compressor</b> 3:26 <b>AIR COMPRESSOR by S.S RAJAN</b> 11 views • 5 days ago	<b>Watch Keeping</b> 14:03 <b>WATCH KEEPING by R. RADHAKRISHNAN</b> 1 view • 5 days ago	<b>Boiler Water Treatment</b> 3:35 <b>BOILER WATER TREATMENT by Mr. BHOOPATHY</b> 9 views • 5 days ago	<b>Refrigerant Effects on Environment</b> 1:10 <b>REFRIGERANT EFFECTS ON ENVIRONMENT by T.S.</b> 3 views • 5 days ago	<b>Steam Table, Rudder &amp; Tail Shaft &amp; Shafting</b> 3:17 <b>STEAM TABLE, RUDDER AND TAIL SHAFT &amp; SHAFTING by</b> 5 views • 5 days ago
<b>Loran - C</b> 3:10 <b>LORAN - C by CAPT. RS.V. SAGAR</b> 7 views • 5 days ago	<b>Ship Board Operation</b> 31:03 <b>SHIP BOARD OPERATION by CAPT. K. RAJESH</b> 4 views • 5 days ago	<b>Meteorology 1 Vertical Layers of Atmosphere</b> 2:45 <b>METEOROLOGY 1 VERTICAL LAYERS OF ATMOSPHERE by</b> 3 views • 5 days ago	<b>Planned Maintenance System</b> 2:40 <b>PLANNED MAINTAINANCE SYSTEM by CAPT. J.</b> 5 views • 5 days ago	<b>International Conventions STCW</b> 4:24 <b>INTERNATIONAL CONVENTIONS STCW by</b> 3 views • 5 days ago
<b>Marine Law</b> 1:17 <b>MARINE LAW by CAPT. GANESHYAM</b>	<b>Chemical Tanker</b> 4:25 <b>CHEMICAL TANKER by CAPT. K. SRICHARAN</b>	<b>Live Feed for Sustainable Aquaculture</b> 3:24 <b>LIVE FEED OF SUSTAINABLE AQUACULTURE by Dr. K.</b>	<b>Marine Boilers &amp; Steam Engineering</b> 2:12 <b>MARINE BOILERS AND STREAM ENGINEERING by</b>	<b>P-H Diagram</b> 9:06 <b>P-H DIAGRAM by Mr. BHARATH</b>