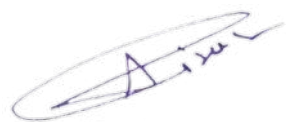# E CONTENT DEVELOPMENT FACILITIES

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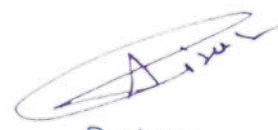
Media Centre

Quantum University has inaugurated a specialized Media Centre within A block, serving as a pivotal hub for the creation of Massive Open Online Courses (MOOCs). The inclusion of a compact studio exclusively designed for recording lecture videos underscores the university's commitment to delivering top-notch educational content.

The engagement of a dedicated team throughout the video recording process, starting from the initial stages of course development by educators to the final submission at the MOOC Development Centre, represents a praiseworthy endeavor. This systematic approach ensures a smooth and efficient workflow in the production and dissemination of MOOC courses.

The selection of a specific cohort of teachers and administrative personnel tasked with overseeing the comprehensive development and delivery of MOOC courses through various Government of India portals reflects a strategic intent to harness available platforms, broadening the reach and accessibility of educational offerings.

The establishment of an online platform, accessible at https://quantumuniversity.edu.in/e-content, facilitates faculty members in uploading a variety of videos generated using the on-campus media facilities. This strategic move plays a vital role in centralizing and organizing educational content, transforming the online platform into a centralized hub for students and learners seeking access to the university's diverse educational materials

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Audio Visual Mixing/ Editing Centre

The Quantum University's Mixing and Editing Center is equipped with state-of-the-art tools and software to ensure professional-grade audio and video production. The mixing equipment includes an array of high-quality devices such as the Ahuja microphone, amplifier, and advanced speakers like Ahuja SRX-50DX, offering superior audio quality for recording and editing purposes.
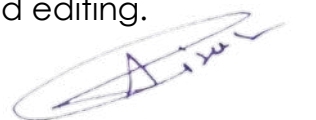
For video recording and editing, the center features top-notch cameras, including the Panasonic Video Camera (HC-MDH2), Canon EOS 700D, and Canon EOS 1500D, capturing high-resolution visuals. The DJI-Ronin SC Gimbal ensures stable and smooth footage, while the Fingers Webcam adds versatility to the recording setup. A projector is also available for presentations and collaborative work.

The computing infrastructure is robust, with Acer and Assemble CPUs supporting efficient video editing processes. The center utilizes professional-grade software for editing, ensuring precision and creativity in post-production. This software may include industry-standard tools for video editing, audio enhancement, and seamless integration of multimedia elements.

To illuminate recordings effectively, LED lights for video cameras and 100Watts LED lights are strategically placed. The addition of Sonia Lights further enhances the overall lighting setup, contributing to a visually appealing production.

Storage needs are met with reliable devices like the Toshiba TBP210 External Hard Drive and Seagate Hard Drive, providing ample space for storing large multimedia files. The USB Hub SD Card Reader Combo adds convenience in transferring and accessing data.
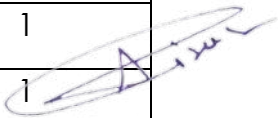
This comprehensive setup at Quantum University's Mixing and Editing Center underscores the institution's commitment to providing students and learners with cutting-edge tools and software, ensuring a creative and technologically advanced environment for audio-visual production and editing.

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Hardware

S.N.	Name of the Article	Quantity
1	Ahuja Mic	1
2	Amplifier	1
4	Camera(Panasonic video Camera-HC-MDH2)	1
5	Camera(Canon EOS 700D)	1
6	Camera(Canon EOS 1500D)	1
7	Gimble(DJI-Ronin SC)	1
8	Webcam(Fingers)	1
9	CPU (Acer)	5
10	CPU (Assemble)	1
11	Keyboard (Acer)	5
12	Keyboard (HP)	5
13	Mouse (Dell)	1
14	Mouse(Acer)	5
15	LED Lights (For Video Camera)	1
16	LED Lights 100Watts	2
17	LED TV (Videocon VJG24HH-ZMKI)	1
18	LCD DELL	3
19	LCD(Acer)	3
23	Tripod PH070	1
24	Micro SD Card 32GB(SanDisk)	1
25	Micro SD Card 32GB(Samsung)	1
26	Sonia Lights	2

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27	Speakers (AhujaSRX-50DX)	2
28	Speakers I Ball(Homer Theater)	1
29	External hard Drive (Toshiba TBP210)	1
30	Headphone(I Ball)	6
31	Sound Recorder Sony	1
32	UPS (APC-550)	5
33	UPS (APC 600)	1
35	Hard drive (Seagate)	1
36	I Ball Home Theater (ARC LAB)	1
37	Projector	1
39	SD Card 32 GB (SanDisk)	1
40	SD Card Reader Tyfy	1
41	USB Hub SD Card Reader Combo	1
42	Router	2

Software

In addition to the advanced mixing equipment, Quantum University's Mixing and Editing Center is powered by a suite of industry-leading software tools for comprehensive audio-visual editing. Leveraging Adobe Creative Cloud (CC) tools for AV editing, the center provides access to a versatile range of software, including Adobe Premiere Pro for video editing, Adobe Audition for audio refinement, and other CC applications for graphic design and multimedia creation. This integration ensures that students and content creators have access to professional-grade software widely used in the industry.

Furthermore, the center incorporates Corel software, adding another layer of versatility to the editing capabilities. Corel's suite of applications encompasses graphic design, video editing, and illustration tools, offering users a diverse set of creative options for refining multimedia content.
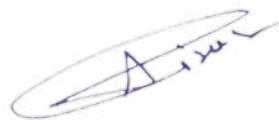
For those seeking open-source solutions, the Mixing and Editing Center includes Screen Recorder software, providing flexibility in capturing and recording content

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from various sources. This open-source tool adds a cost-effective option to the software lineup, catering to a wide range of editing preferences.
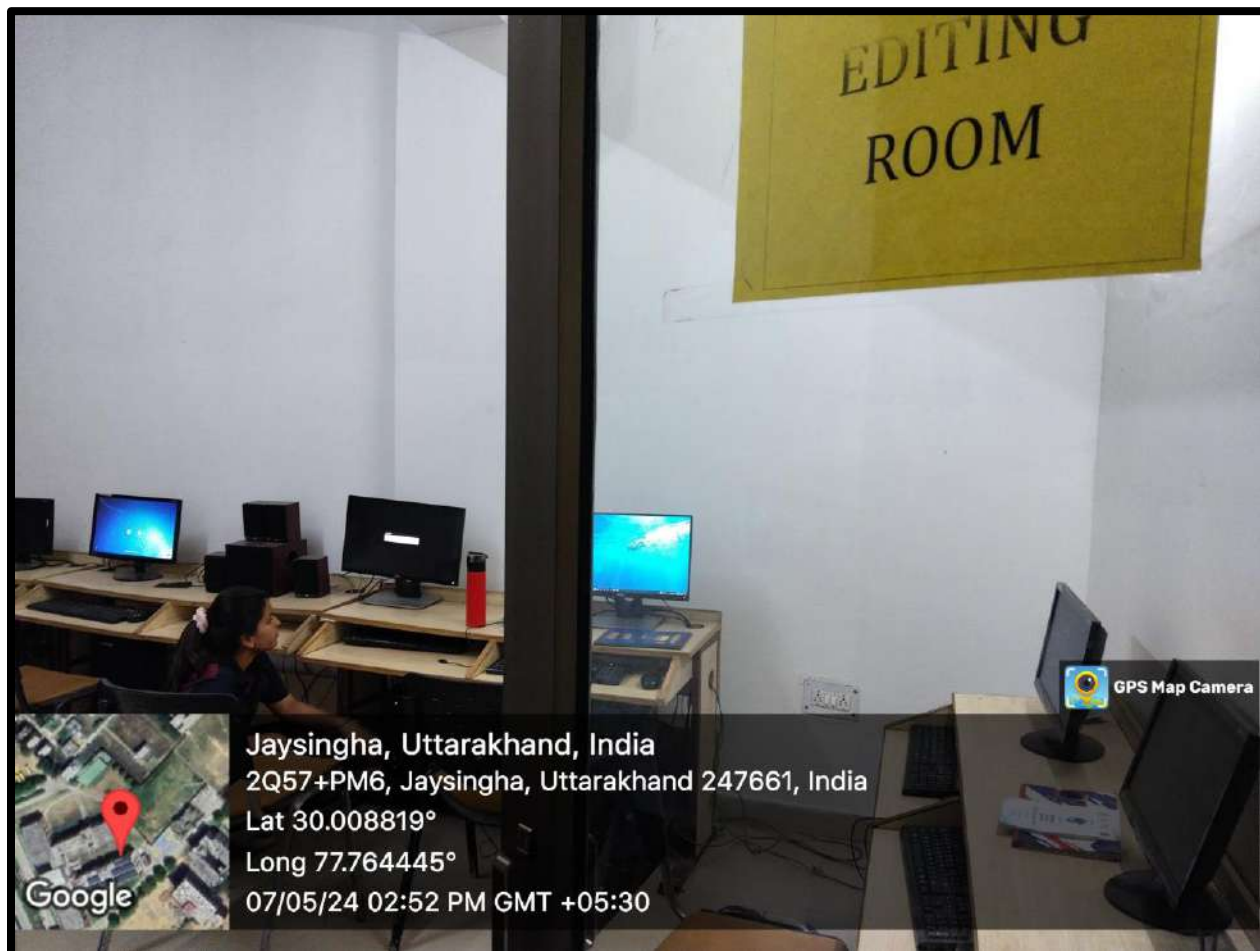
In addition to these, the inclusion of Maya software enhances the center's capabilities by offering powerful 3D modeling and animation tools. Maya is renowned for its robust features and is widely used in the film and animation industry, providing students with exposure to advanced and industry-standard software tools.
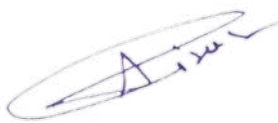
Together, this comprehensive array of software at Quantum University's Mixing and Editing Center reflects a commitment to providing students with a well-rounded and industry-relevant skill set in audio-visual editing and multimedia production.

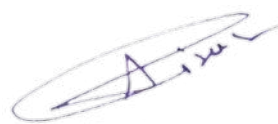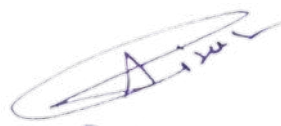| S.N	Name of Article	Make/Model
1	Software	Adobe CC tools for AV Editing
2	Software	Corel
3	Software (Open Source)	Screen Recorder
4	Software	Maya

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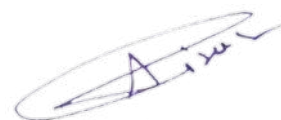
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Lecture Capturing System

Quantum University has implemented a state-of-the-art Lecture Capturing System, designed to record and archive educational lectures for the benefit of students and learners. This advanced system utilizes cutting-edge technology to capture, store, and distribute academic content seamlessly. The Lecture Capturing System at Quantum University is a cutting-edge facility, meticulously equipped to elevate the recording and delivery of educational content. The system boasts advanced audio equipment, including an Ahuja microphone, amplifier, and top-notch speakers such as Ahuja SRX-50DX and I Ball Home Theater. On the video front, it features Panasonic Video Camera (HC-MDH2), Canon EOS 700D, Canon EOS 1500D, DJI-Ronin SC Gimbal, Fingers Webcam, and a projector for a comprehensive recording experience. The computing infrastructure includes Acer and Assemble CPUs, along with Dell and Acer keyboards and mice. Display capabilities are enhanced by Videocon VJG24HH-ZMKI LED TV, Dell LCD, and Acer LCD. To illuminate recordings, the system incorporates LED lights for video cameras, 100Watts LED lights, and Sonia Lights. Storage needs are met with Toshiba TBP210 External Hard Drive, Seagate Hard Drive, and USB Hub SD Card Reader Combo. Power management is ensured through APC-550 and APC 600 UPS. Miscellaneous tools like Tripod PH070, Micro SD Cards (32GB) from Sandisk and Samsung, SD Card (32GB) from Sandisk, and SD Card Reader Tyfy add to the system's versatility. This comprehensive setup reflects Quantum University's commitment to providing a technologically advanced and enriched educational environment.

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