

## St. Xavier's Catholic College of Engineering

### Chunkankadai

4.3.4 Institution has facilities for e-content development the facilities for e-content development such as 1. Media Centre, 2. Audio-visual Centre, 3. Lecture Capturing System (LCS), 4. Mixing equipments and Software for editing

#### 1. Media Centre:

##### ○ Hardware:

- High-performance computers with sufficient processing power and storage capacity.
- Large high-resolution display monitors.
- Audio-visual equipment (cameras, microphones, etc.).
- Networking infrastructure for seamless data transfer.

##### ○ Software:

- Media management software for organizing and cataloging multimedia content.
- Video editing software for post-production.
- Graphic design software for creating visuals.
- Streaming software for live broadcasts.



## 2. Audio-Visual Centre:

- **Audio Equipment:**
  - Microphones (wired and wireless).
  - Audio mixers for blending multiple audio sources.
  - High-quality speakers for clear sound reproduction.
- **Visual Equipment:**
  - Projectors or high-definition displays.
  - Video cameras for recording events.
  - Lighting equipment for proper illumination.
- **Control Systems:**
  - Audio-visual control systems for managing different components seamlessly.
- **Software:**
  - Audio editing software for refining recorded audio.
  - Video editing software for post-production.



### 3. Lecture Capturing System (LCS):

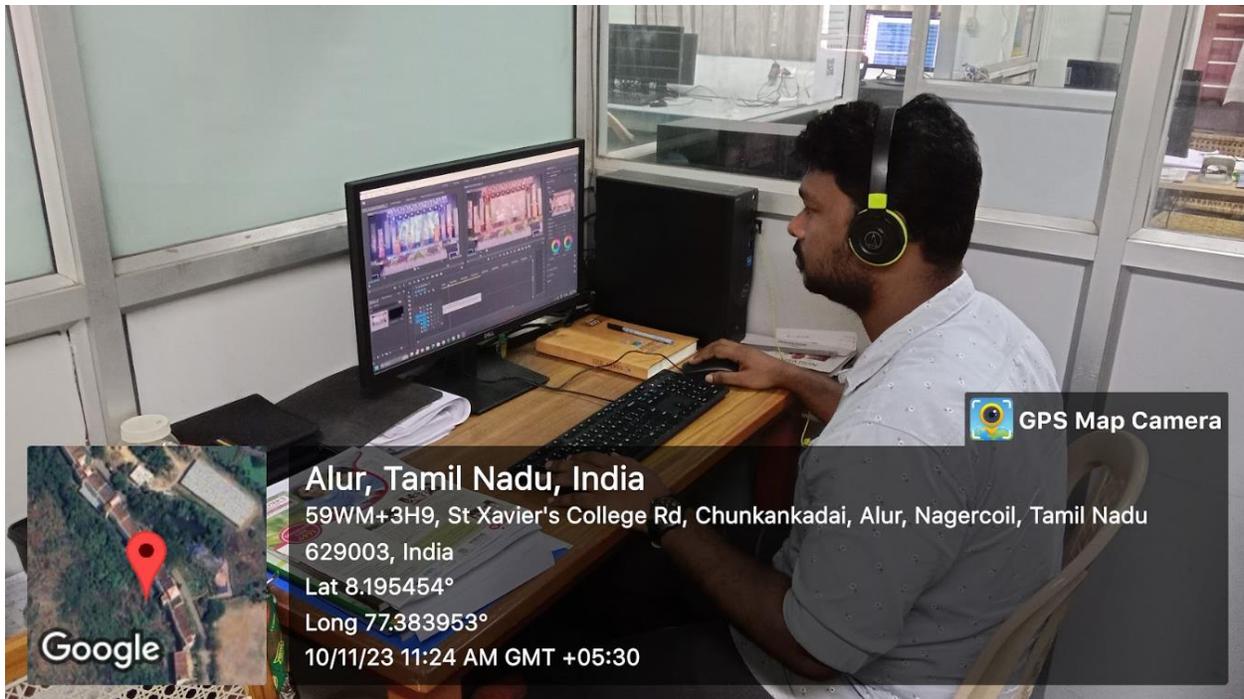
- **Recording Equipment:**
  - Lecture capture software or hardware systems.
  - Cameras and microphones strategically placed in lecture halls.
- **Storage and Networking:**
  - Sufficient storage for recording and archiving lectures.
  - Network infrastructure for streaming or uploading recorded content.
- **Software:**
  - Lecture capture software for recording, editing, and managing lectures.
  - Content management systems for organizing and distributing recorded lectures.



Classroom

#### 4. Mixing Equipment and Software for Editing:

- **Audio Mixing Equipment:**
  - Audio mixers for blending multiple audio sources.
  - Equalizers and compressors for audio enhancement.
- **Video Mixing Equipment:**
  - Video switchers for transitioning between multiple video sources.
  - Graphics generators for overlays and visual effects.
- **Editing Software:**
  - Professional video editing software for post-production.
  - Audio editing software for refining and enhancing sound.
  - Mixing software for combining and balancing audio tracks.



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