

**St. Mary's College (Autonomous)**  
Reaccredited with 'A+' Grade by NAAC (Cycle IV)  
Thoothukudi



**CRITERION IV – Infrastructure and Learning Resources**  
**4.3 IT Facilities. Year 2018-2023**



**4.3.3 Institution has dedicated audio visual centre, mixing equipment, editing facility, media studio, lecture capturing system (LCS) and related hardware and software for e-content development**

**The Marian Media Studio**

**Marian Media Studio for E-Content Development - Facilities:**

The institution has to its credit a state-of-the-art **Marian Media Studio** which is specifically designed for e-content development and multimedia production to cater to the learning needs of the 'digital natives,' the students of the digital era, through the dedicated efforts of the 'digital immigrants,' the teachers. With the advanced infrastructure and the cutting-edge technology, the Media Studio provides an apt platform for content creation, editing, and dissemination so as to leave an inspirational impact on the students.

**Media Studio, Editing & Visitor's Room:**

The **Media Studio** and the **Visitor's Room** have the layout of 200 sq. ft. each. The studio is equipped with the contemporary acoustic embellishment and the **Chroma Key Room**, that necessitate the high-quality audio and video recording. These facilities support a wide range of activities, including lecture capturing, media production, and digital storytelling.

**Mixing Equipment Details:**

The mixing equipment at the Media Studio is designed to support high-quality audio production and editing for various multimedia projects.

**Sound Card:**

- A professional-grade audio interface that ensures superior sound quality.

- Supports multiple input/output options for recording and playback.

#### **Studio Monitor Speakers (Pair):**

- Delivers accurate and detailed audio for precise mixing.
- Ensures balanced sound output ideal for professional audio editing.

#### **Behringer C1 Microphone:**

- A condenser mic designed for studio-quality recordings.
- Ideal for capturing vocals and instruments with clarity.

#### **Pop Filter:**

- Reduces unwanted noise caused by plosive sounds during recording.

#### **Mic Stand:**

- Provides stability for the microphone during recording sessions.

#### **Audio Isolation Features:**

- Enhances sound clarity by reducing ambient noise and echo.

#### **7m XLR Cable:**

- High-quality cable for connecting microphones and audio interfaces.

This combination of equipment ensures optimal audio recording, mixing, and mastering, meeting the needs of academic content creators.

#### **Hardware and Equipment:**

The Media Studio is equipped with the advanced hardware designed to handle professional editing and recording requirements. Key highlights include:

- **Editing PC:** Windows 11-based system with i5 12400 MSI motherboard, 32GB RAM, 4GB graphics card, and high-speed storage (500GB SSD + 2TB HDD).

#### **Recording PC: Mac Mini M4**

Apple M4 chip with 10-core CPU, 10-core GPU, 16-core Neural Engine

16GB unified memory with 256GB SSD storage and Gigabit Ethernet.

Three Thunderbolt 4 ports, HDMI port, two USB-C ports, headphone jack enhanced with Pro Apps Bundle for Education.

Built for Apple Intelligence

Carbon Neutral Footnote

macOS-based system with i5 12400 MSI gaming motherboard, 16GB RAM, and similar storage capabilities.

- **Peripherals:** BenQ 27” monitor, Acer 27” curved monitor, RGB keyboards and mouse, 1KV UPS, and a 43” WebOS 4K TV.

### Audio and Video Equipment

The Media House ensures professional-grade audio and video production through the following resources:

- **Audio:**
  - Studio monitor speakers
  - Behringer C1 microphone with pop filters
  - Mic stands
  - Sound cards
  - Audio isolation.
- **Video:** Canon EOS R50 camera with RF-S18-45mm lens, offering 4K 30p and Full HD 120p recording, accompanied by tripods, video capture cards, and lighting solutions.

### Editing and Production Software:

The Media House is equipped with industry-standard software for multimedia creation and editing, including:

- **Graphics and Video Editing:**
  - Adobe Photoshop



- Premier Pro
- Adobe Bridge
- **Audio Production:**
  - Logic Pro X
  - Mainstage.
- **Media Management:**
  - Pixellu

The Media Studio has access to the licensed software - The Pro Apps Bundle, which is a collection of five industry-leading apps from Apple that deliver powerful creative tools for video editors and musicians. The bundle includes the following software, all optimised for incredible performance and efficiency on Mac computers with Apple silicon:

### **Final Cut Pro**

Revolutionary video editing software designed for today's all-digital workflows.

### **Motion**

Powerful motion graphics tool for creating titles, transitions and effects for Final Cut Pro.

### **Compressor**

Encoding companion to Final Cut Pro for exporting video to a wide range of codecs and file formats.

### **Logic Pro**

Advanced music production software that turns your Mac into a professional recording studio.

### **Main Stage**

Live performance app that lets you bring your favourite sounds from Logic Pro to the concert stage.

### **E-Content Development:**

The Media Studio is integral to the institution's commitment to creating high-quality e-content. The combination of professional-grade hardware, software, and expertise of the

Criterion IV SSR Cycle V

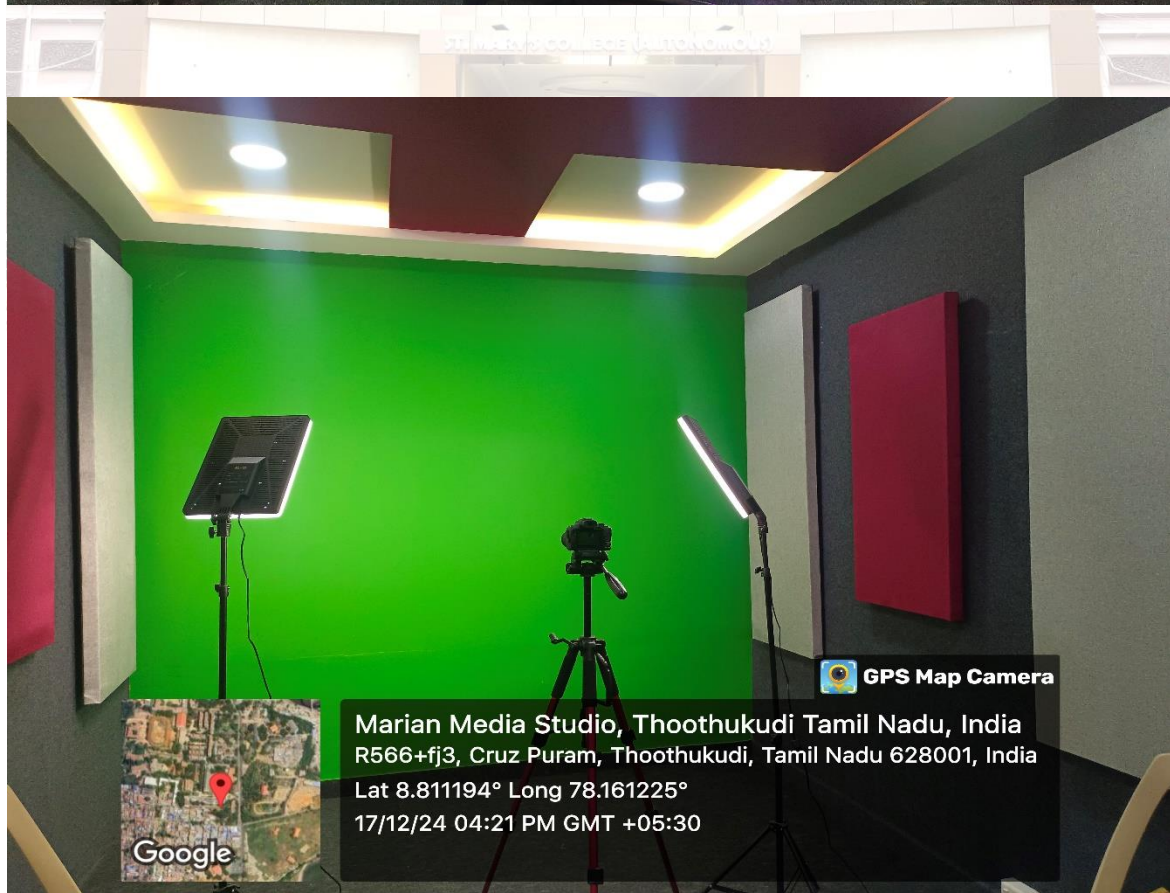
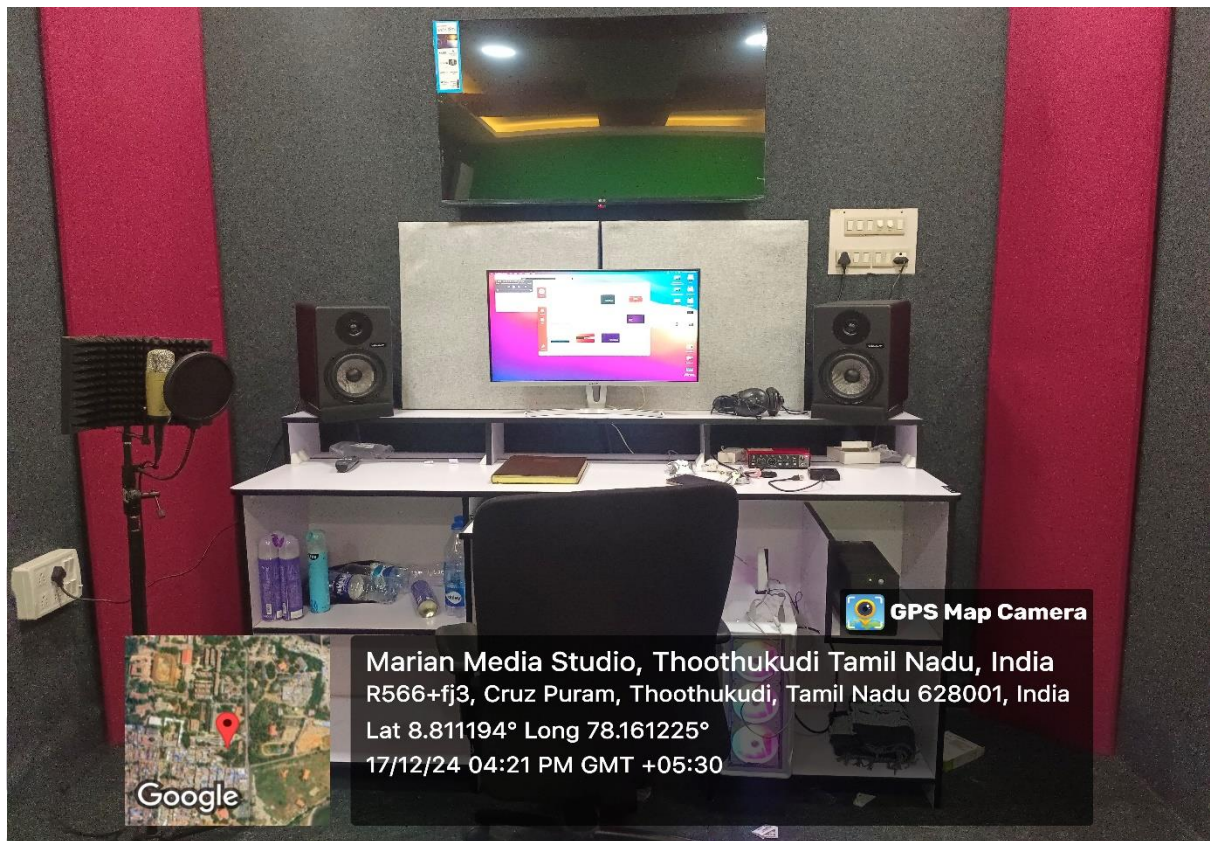
faculty ensures that the Media Studio evolves as a top notch IT infrastructure that leads the institution towards its future progress.

**(Enclosed List of E-Content videos)**

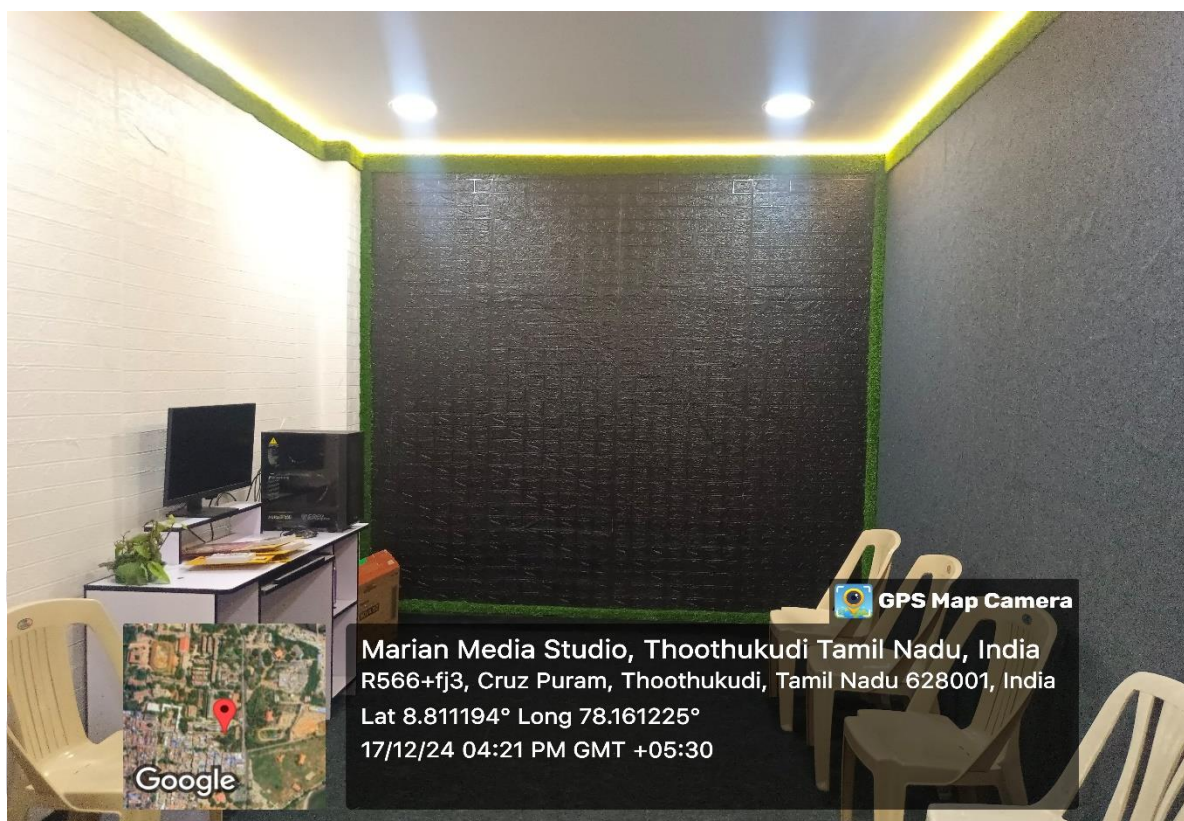
The Marian Media Studio is a knowledge hub for innovation and creativity, fostering a collaborative environment for e-teaching, e-learning, multimedia production, and academic excellence.











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