ST. ALOYSIUS' COLLEGE

AUTONOMOUS

JABALPUR- 482001

MADHYA PRADESH, INDIA

CRITERION-4

INFRASTRUCTURE AND LEARNING RESOURCES

Digital Literacy and Technology Upgradation

4 QUALITY EDUCATION

Key Indicator

4.3 IT Infrastructure

Metric No.: 4.3.3

Media Centre

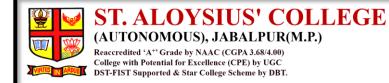### Document Name

Media Centre Brochure

Media Centre

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ST. ALOYSIUS COLLEGE MEDIA CENTRE

A media center in higher education serves as a hub for digital content creation and multimedia learning, integrating various technologies to support academic programs. It typically includes audio-visual equipment, lecture capturing systems, and editing and mixing facilities, which are essential for producing high-quality educational materials. St. Aloysius College has a media center equipped with state-of-the-art facilities to support content creation. The center includes a range of multimedia tools, advanced software for video production and editing. The institution's commitment to integrating technology with education is evident in its provision of modern equipment and software.
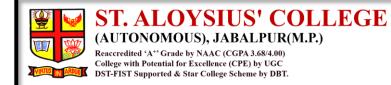
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The SAC Media Room offers an overview of its facilities.

- **VIDEO PRODUCTION**
- **AUDIO EQUIPMENT**
- **VIDEO CAMERAS AND ACCESSORIES**
- **LIGHTING EQUIPMENT**
- **MEDIA CENTRE COMPONENTS**
- **SUPPORT EQUIPMENT**
- **FIRE EQUIPMENTS**
- **LECTURE CAPTURING SYSTEM**

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VIDEO PRODUCTION

BLACK MAGIC DESIGN ATEM MINI EXTREME ISO:

A video production switcher used for live switching between multiple video sources, recording isolated feeds, adding graphics overlays, and streaming.
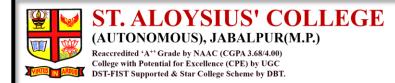

UGREEN MH-355957 HDMI CABLE:

An HDMI cable used for transmitting high-definition video and audio signals between devices like cameras, switchers, and displays.

SIRUI SH25 ALUMINUM VIDEO TRIPOD:

A sturdy aluminum tripod for mounting and stabilizing video cameras during recording.

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AUDIO EQUIPMENT

BELDEN 1813A AUDIO CABEL:

A professional-grade audio cable used for connecting microphones, mixers, and speakers.

NEUTRIK (SILVER) NC3MXXC (3PIN X LR MALE):

A 3-pin XLR male connector used for balanced audio connections with microphones and other audio equipment.

SENNHEISER EW-112P G4 WIRELESS MICROPHONE:

A wireless microphone system allowing freedom of movement for presenters or performers.
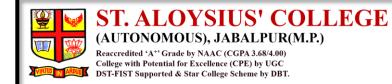
M-AUDIO BX5 D3 COMPACT 2-WAY 5 INCH:

A 5-inch 2-way studio monitor speaker for accurate audio monitoring and playback.

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VIDEO CAMERAS AND ACCESSORIES

SONY PXW-Z150:

A professional video camera used for capturing high-quality footage.
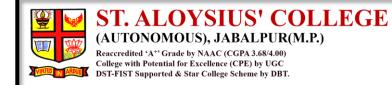
DIGITEK SONY NP-F970L:

A rechargeable battery pack for powering Sony video cameras.

SONY 7M3K WITH 28-70 LENS KIT:

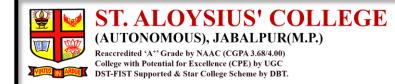A Sony camera body with a 28-70mm zoom lens, suitable for various videography and photography needs.

LIGHTING EQUIPMENT

GODDEX FLASH V1: A camera flash unit used for providing additional lighting during photography or videography.

GODDEX VIDEO LIGHT LED 1000 BIII COLOUR: A powerful LED video light used for illuminating subjects during video recording.

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MEDIA CENTRE COMPONENTS

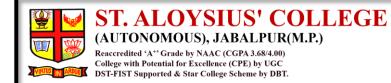**STUDIO QUALITY ACOUSTICS FOR FRONT, BACK & SIDE WALLS:**

In a media center, this would be used to enhance the acoustics for recording purposes or to ensure clear sound quality during presentations or screenings.

PROFESSIONAL GRADE ACOUSTICS CARPET LAYING:

This carpeting would be beneficial in a media center where audio recordings are made, as it would minimize the impact of foot traffic and other low-frequency noises.

ACOUSTICS FOR CEILING - GI FRAMEWORK WITH FABRIC FINISH:

In a media center, ceiling acoustics would be important for controlling sound in a large space, especially if the center is used for lectures where sound clarity is crucial.

SUPPORT EQUIPMENT

PROLITE STAND 14 FOOT WITH BAG SET OF 2:

A 14-foot light stand or backdrop support system with carrying bags for portability.

PROCESSOR I9 12900K/MDB MSI B760/32GBRAM:

A high-performance computer processor, motherboard, and RAM for video editing and post-production tasks.

SAMSUNG T7 2TB EXTERNAL SSD:

A high-capacity external solid-state drive for storing and transferring large video files.
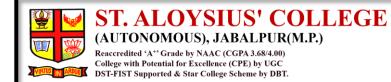
SAMSUNG TV 32T4340:

A 32-inch television used for monitoring or displaying video content.

SUPPORT EQUIPMENT

GREEN MAT SCREEN 10'X8':

A green screen backdrop used for chroma keying and special effects in video production.
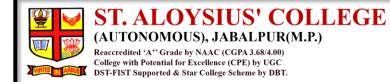
PROGRADE 128 GB U3 V60 SD CARD:

A high-speed and high-capacity SD card for recording video footage from cameras.

BATTERY SONY FZ 100:

A rechargeable battery pack for powering Sony cameras and accessories.

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FIRE EQUIPMENTS

SMOKE DETECTOR:

Detects the presence of smoke, triggering the fire alarm system. Used for fire safety and early warning in buildings.
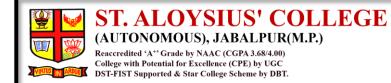
MANUAL CALL POINT:

Allows manual activation of the fire alarm system in case of an emergency. Provides a way for occupants to raise the alarm if they detect a fire.

HOOTER:

Provides an audible alarm to alert occupants of a fire or security breach. Used for notification and evacuation purposes.

2 ZONE FIRE CONTROL PANEL:

Manages and controls the fire alarm system, monitoring multiple zones or areas of the building. Acts as the central control unit for the fire detection and notification system.

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FIRE EQUIPMENTS

12V DC DRY BATTERY:

Provides backup power to the fire alarm system in case of a mains power failure. Ensures the system remains operational during power outages.

AUTOMATIC GSM BASED DIALLER:

Automatically dials a predetermined number to notify authorities or monitoring stations in case of an alarm. Facilitates rapid response and emergency communication.

4 CORE CABLE:

Likely refers to the wiring or cabling used to interconnect the various components of the fire alarm system.