

## **RV College of Engineering® Bengaluru – 560 059**

### **Digital Media Centre**

The Digital Media Centre was established in the year 2009. The Center was inaugurated by Dr.Ashok Nayak, Former HAL Chairman.

The Digital Media Centre is equipped with multimedia infrastructure used to create knowledge resources for students. The faculty interested in exploring the creative use of emerging multimedia technology to communicate their idea.

Apart from the skilled staff, the Centre is equipped with Camcoders, Audio / Video mixers, editing systems and professional-grade software for completing tasks related to audio, video, photography, graphics, animation. The facility also provide specialized workspaces and equipment for professional audio recording and editing/mastering. The equipment are housed in an soundproof room with silent central airconditioners.



**Digital media Centre**



**Lecture Capturing Facility (LCS)**

The Lecture Capture Systems facilitate the teachers to capture and record the similar environment of the classroom teaching to be shared digitally at a later point of time. It's an umbrella term for the equipment, hardware and software and systems.

### Equipments in Digital Media Centre

SI No	Item	Model	Quantity
1	Sony Camcorder with Control unit	SonyDXC-D50, Power HADEX	2
2	Sony mini Camcorder	3CCD, Mini DV Cam	1
3	TRIPODS	MANFROTTO	3
4	YAMAHA Audio mixer	O1V96	1
5	ODYSSEY Video Mixer	ODYSSEY 2B	1
6	Sony Recorder	DVCAM (Mini)	2
7	Monitors	Sony	3
8	Sennheiser microphone	Sennheiser EW 100G2	2
9	Editing System	HP XW4600 workstation	1

**Sony Camcorder with Control unit:** The DXC-D50 feature the new high-performance Power HAD EX CCD sensor and precise 12-bit A/D conversion built into a highly sophisticated LSI. The Sony CCU-D50 camera control unit allows for a digital video acquisition and full camera picture control of the DXC-D50 camera using the CA-D50 studio camera adapter and CCZ-AD 26-pin cable. Additionally, intercom, teleprompter, power, and video output are accommodated through the CCU-D50.



**Sony mini Camcorder:** The Sony 3CCD Mini DV Handycam Camcorder's basic design incorporates a prism to split the incoming light source into three primary components (red, green and blue). This allows its three separate CCDs to capture each primary colour source independently. Basic Specification of the same as follows :

- 12x optical Zoom lens with Steady shot image stabilizer
- 2.5-inch Rotating LCD and viewfinder
- Media type is Mini DV Tape



**Tripods:** The manfrotto 515MVB tripods are light weight with twin spike metal feet and has adjustable leg clamp levers add to that Floor levels spreader included



**YAMAHA Audio mixer:** The YAMAHA - 01V96 offers you 16 analog channel inputs - 12 with high-performance microphone head amplifiers - and eight digital channel inputs via a built-in ADAT optical interface. The 01V96 fits comfortably in the small-studio space - and budget while delivering sound, capacity, control, and compatibility on a par with much larger consoles



**ODYSSEY Video Mixer:** The ODYSSEY 2B is an ideal solution for live mixing of any event. User-friendly graphic menu enables and tuning and correction of video signal parameters for all inputs. 4 ports of USB Host provides with mouse and keyboard connection



**SONY RECORDER:** The Sony Digital video Cassette Recorder (DSR- 45AP) is Designed ideal for small to medium –sized production facilities.

- DVCAM recording & playback ensures perfect compatibility.
- HD LCD monitor to view the image as it records. And also makes setting menus



**Sennheiser Microphone:** The Sennheiser EW 100G2 is wireless Microphone System with plug on transmitter, camera receiver included.

- High-quality true diversity reception
- Automatic frequency scan feature searches for available frequencies
- Reliable transmission and extended range due to high RF output power

1,440 tunable UHF frequencies for interference-free reception



**Editing System:** The HP XW4600 workstation the HP xw4600 is an affordable workstation solution based on the new Intel X38 Express performance chipset and the latest workstation-class Dual and Quad-Core Intel processors. With dual PCIe x16 Gen2 graphics interfaces, the HP xw4600 delivers up to twice the performance bandwidth of previous generation interfaces on your choice of professional 2D or 3D graphics cards while driving up to four 3D or six 2D displays without compromise. Realize savings in power consumption and energy costs with an 80 PLUS efficient power supply and ENERGY STAR qualified options without sacrificing performance.

		
<p><b>Avid Media Composer:</b> Media Composer is proven and trusted by professional editors in every segment of movie making, television, broadcast, and streaming media. Designed to handle high volumes of disparate file-based media, Media Composer delivers accelerated high-res and HD workflows, real-time collaboration, and powerful media management, eliminating time-consuming tasks so you can focus on telling a great story. And now it's even faster and easier to use, with a sleeker interface, new Source Browser, support for HDR (high dynamic range), more audio tools and tracks, and more power under the hood.</p>		