



Ready for  
Every Good Work

# SACRED HEART COLLEGE (AUTONOMOUS)

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A Don Bosco Institution of Higher Education, Founded in 1951 \* Affiliated to Thiruvalluvar University, Vellore \* Autonomous since 1987

Accredited by NAAC (4<sup>th</sup> Cycle – under RAF) with CGPA of 3.31 / 4 at 'A+' Grade

## 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

### CARLO MEDIA CENTRE

Carlos Media Centre - Air Conditioned, sound proof, 360sq.ft studio with state of the equipment's and editing software. The center has a 60 inch touch screen with 59hz with 3840x2160 Intel HD graphics 620 which serves as an IQ Board. This system is powered by a core i7 2.70 GHZ Intel processor, with 8 GB of ram and a 237 GB Hard Drive.

Lecturing Capture System is powered by iMac 21,1, 24 inch, retina LED 4.5K – 4480x2520. GPU-Apple 7 facilitates the graphics and iMac Microphone for recording audio and video. This system is facilitated by 16GB LPD-DDR4 Ram. There is also Macintosh HD 12.01 500GB for storage. Additionally there is 2.1 dedicated Yamaha HS5 Woofer with 50hz sound.

Additionally there is a dedicated TCL LED TV which is 50 inches and 60hz refresh rate for recording, review and monitoring purpose. This is connected to a Ultra HD Cannon XA50 4K resolution video recording camera for which act as lecture capturing system (LCS) with 15x Optical zoom. The significance of this camera is that is can record videos in 4k with HD video and audio recording. It has a adjustable tripod for lecture capturing without shake.

The center has a sennheiser collar mic which is capable of recording high clarity of sound, with noise cancellation. The studio also has 2 hand mics (Rode and Scarlett) with filtering technology. The lab has 8 studio lights which provide the appropriate lighting and a green matt which is 100 sq feet.

### Device/Software for Mixing

There is a dedicated 2 channel Focusrite Scarlett 2i2 audio input device which serves as a bridge for mixing sound with the iMac. A paid version of Adobe Creative Cloud is used for mixing audio and video. The studio also has a paid version of Adobe Premier Pro and Adobe After Effects which is a creative tool used to create videos, social clips to even documentaries. For the past 5 years the college annual report is presented via audio and video mode using this software. Faculty also records their lectures, create YouTube content and live stream the same. The studio also has Adobe Audition, which is a professional audio work station that facilitates editing, mixing and restoring audio

### List of Equipments

Software Tool	Adobe Creative Cloud (Premiere Pro)
Hardware's	
1. TCL TV WITH REMOTE	01
2. NEWLINE TV WITH REMOTE	01
3. IMAC SYSTEM	01
4. CANON VIDEO CAMERA+BATTERY	01
5. CAMERA STAND & CHARGER	01
6. CAMERA BAG + BATTERY CHARGER	01
7. SYSTEM SPEAKERS	02
8. HDMI TO USB CONVERTER	01
9. BOOM HEADSET	01
10. HDMI CABLE	01
11. Mic Lead	01
12. CARD READER	01
13. RECHARGEABLE BATTERIES	04
14. VENTION HDMI Switch 5x1	01
15. GREEN SCREEN	01
16. RODE MICROPHONE	01
17. STAND	01

18. SENHEISER ORTABLE LAVALIER MIC	02
19. DATA VIDEO USB 3.0 CAPTURE BOX	01
20. SEAGATE HARD DISK	02
21. CAMELIN BATTERY CHARGER	02
22. PANASONIC BATTERY	08
23. SWITCH BOX	03
24. SCREEN CLEANING KIT	01
25. BLUE STAR AC WITH REMOTE	01
26. USB TO USB CABLE	01
27. SD CARD 64 GB	02
28. FOCUSRITE 212 STUDIO	01
i. MIC	01
ii. HEADSET	01
iii. STEREO CABLE	01
29. RODE MICROPHONE	01
30. HDMI CABLE 20 METER	01
31. DUAL WIFI DONGAL	01