4.3.4 Institution has facilities for e-content development -

Enumerate 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

College has fully equipped Journalism and Mass Department along with Audio-vIsual Centre and Mixing equpiemnts and software for editing.

College has already organized various faculty development programs sponsored by DBT and CPE grants to train its staff for MOOCS and development of e-resources which helped to handle the situation during the pandemic. During the pandemic, faculty was also given training of various open source and licensed software to support online teaching program in the various FDP programs organized by college.

The Learning Management System MOODLE open source software was already in place developed by the college team in the month of January 2020. The staff was trained to use Learning Management System before the pandemic to support online teaching. The Learning Management Software MOODLE includes various modules for online quiz, surveys, Assignment, PowerPoint, video lectures etc. to support online teaching facility.

College is already using College Automation software for the last five years to support various activities like online attendance, awards, library, fess, online admission etc and staff is well trained to use College Automation Software. College also purchased rack server during the pandemic to store the online resources. Apart from it various google tools like google classroom, google sheet, google forms etc. were also used to support online teaching.

College purchased license of ZOOM 100 users and 500 users to support online teaching and various events of the college. All the webinar and various invited talks were broadcasted live on college's youtube channel and facebook account.

Various open source and demo software were also used like adobe presenter, Screencast o matic, screen castify, OBS, LOOM, Freecam, openshot editor, video editor, audacity, Google meet, Hot potatoes, open board, auto sketch, inkodo, EDMODO, GOOGLE CLASSROOM as LMS, OBS studio- for live streaming and screen recording and Inkodo- As a digital board were used to develop video lectures for the students.

Various Online resources and Simulators were used by faculty to explain the concepts in detail. Some of these are listed here:

www.pythontutor.com

www.programiz.com

www.testproject.io

www.sim8085.com

https://www.spyder-ide.org/

https://www.onlinegdb.com/

www.onlinegdb.com/online_c_compiler

www.tutorialspoint.com/compile_c_online.php

www.cocalc.com/doc/terminal.html

www.tutorialspoint.com/execute_bash_online.php

www.programiz.com/c_programming/online-compiler/

www.javatpoint.com/opr/onlinejavacompiler.jsp

https://livesql.oracle.com/

https://www.oracle.com/database/technologies/

https://www.w3schools.com/

Students were also given exposure of various digital resources provided by MHRD like Swayam MOOCs, PGPathshala, inflibnet, CEC websites and YouTube channels, Swayam Prabha, Shodhganga, NPTEL and Vidwan database etc. were also used widely by the faculty and the students.

Following is the list of facilities in the media centre for recording and e-content.

Facilities for e-content development

1. Video Studio
2. Teleprompter- 1
3. Chromakey Background- 1
4. iMac machine -1 Fully equipped with audio & video editing software
5. Apple Video Editing Suite- 1 Fully equipped with audio & video editing software
6. DSLR Cameras -5 (Nikon D3200, D5200, D 5500 & D7200)
7. Video Cameras- 2 (Sony Z150 & N50)
8. Audio Studio Setup
9. Yamaha Audio Console- 1
10. Neumann Dynamic Microphone for Podcasting
11. Lapel Microphone (Wireless) – 4 Set
12. Wired Microphone- 4 Set
13. Headphones - 6
14. Studio Lights (Fixed) – 8
15. Studio Lights (Portable) – 9
16. Speakers- 4 Set
17. Epson Projector-1
18. Preview Screen -1
19. Amplifier – 1
20. External Hard Disk -4 (2TB each)
21. Printers - 2
22. Tripod- 3
23. Desktop- 8
24. Sound Recorder - 2