School of Environmental & Earth Sciences
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North Maharashtra University, Jalgaon

Report on Media Center

Media Center

The School of Environmental & Earth Sciences includes one 'Media Center' with the dimensions of 9.77 m x 19.32 m.
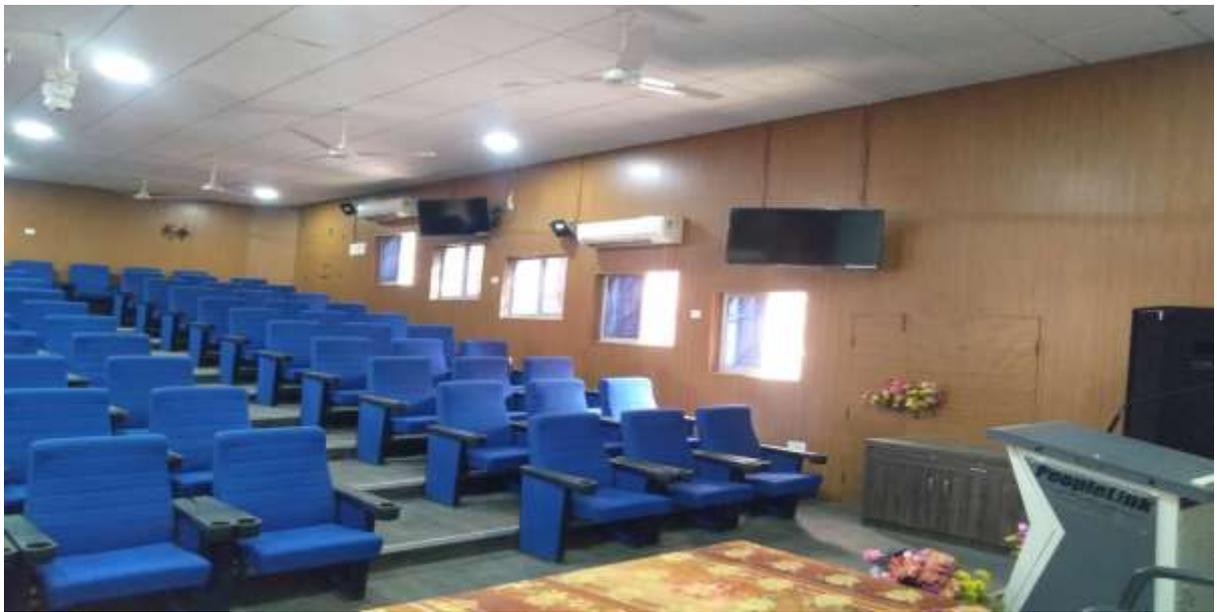

The manufacturer of the system is:

> PeopleLink Unified Communications Pvt. Ltd.
> Head Quarters: A3-Q3, 10th Floor, Cyber Towers, Hitech City,
> Madhapur, Hyderabad - 500081 (India)

> The system was purchased under RUSA grant and the approximate cost is 35 Lakhs.

The media center consists of the following components-

1. Desktop, Laptop, Tab with Internet Connectivity
2. Digital Podium (for Teacher) with inbuilt touch screen monitor with microphones and laptop interface which enable the teacher to connect to the internet with video, audio, USB ports, etc.
3. Auto Speaker Tracking Camera which can automatically track the movement of the teacher on the stage.
4. Student Tracking Camera which can track the Students connected from different locations.
5. Document Visualizer which can project the documents on large Screen.
6. Digital Signal Processors which supports the wireless mic and consists of mixer which perform intelligent sound mixing and recording.
7. DTH for streaming the educational channels.

The student participants can connect to the classroom with any mobile device like laptops, tablets, and smartphone. Multilocation Video Conferencing can be also arranged.

The media center utilizes advanced computer, internet, and communication technology. It can make it possible to take feedback of the student's responses and generate personalized study or examination topics for the students. Internet, projector, and other multimedia devices are the main parts of media center.

To join with the conference in the smart classroom the minimum requirements are as follows:

1. Web camera
2. Headphones with Mic/Laptop with Inbuilt Web Cam & Mic
3. Internet Connection

Applications: The smart ICT based system increases the interaction between teachers and students because they can follow each other in the process, and it becomes easy for teachers to keep attention towards the students. The application of smart classroom with ICT based technology makes teaching and learning processes easy, interesting, and effective.

The facility is utilized for the following programs-

1. Conferences
2. Workshops
3. Seminars
4. Student Welfare Programs
6. Library programs
7. Environmental Days Celebration
8. National Science Day Celebration
9. NGO organized programs
10. For showing educational films and videos

Director