

RC1447 REMOTE CENTRE

Vimal Jyothi Engineering College is one of the Remote Centre of IIT Bombay which can host the various online MOOC courses conducted by IIT Bombay under NMEICT.

IITBombayX is an online platform developed by IIT Bombay, to offer Massive Open Online Courses (MOOCs) for individuals from varying backgrounds. IIT BombayX offers flipped classrooms, online lectures, and live interactions with the IITBombayX course instructors.

A Remote Center (RC) is a place from where the participants/people can interact with the instructor (faculty at IIT) who is conducting the course or delivering a lecture from IIT Bombay. The live lectures are transmitted at Remote Centers using AVIEW software.

The Remote Center (RC) is usually a reputed engineering college with good facility and infrastructure.

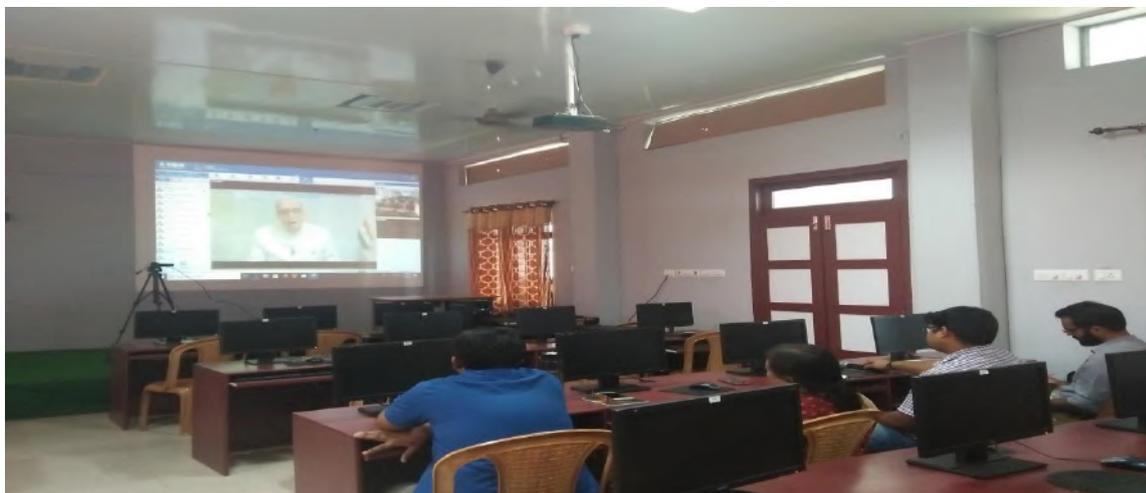
It acts as a host for the virtual classroom environment created by AVIEW.

The participant can attend the workshop in a RC close to his/her place. The RC minimizes the logistics of travel, boarding and lodging.

Academic Relevance

- (1) FDP of high quality will be available for the faculties of VJEC, for all Departments.
- (2) Students/Faculties of VJEC will get great exposure to the Workshops conducted by premier institutes like IIT Bombay.
- (3) FDP's organised through RC are funded by Central Govt. aids under MHRD.
- (5) Students and faculties of VJEC will be empowered to high standard education based on ICT, governed and monitored by a prestigious institution like IIT Bombay.

The Remote centre is established with studio facility established in the Mechanical Department of VJEC.



Technical Facilities in the Studio

Sl.no.	Requirement	Item Brand Name and Model No.
1	Internet connection without proxy network	
2	Video camera/handycam with HDMI/Composite AV out interface along with tripod.	Sony HDR-PJ410
3	One HDMI input AverMedia video capture card or equivalent	Avermedia DarK crystal HD Capture PRO(C027)
4	Professional wireless mike/microphone	Studio Master TR 47H
5	Professional audio mixer with a feature of AUX OUT.	Studio Master
6	Professional audio amplifier (Studiomaster)	Studio Master PA 3.0
7	Two high watt speakers	Studio Master
8	AVIEW Classroom	AVIEW v3.7.11663 software

Civil Infrastructure Facilities

Requirement	Available / Favourable
It should be centrally located with a number of engineering colleges in the area, so as to attract a large number of participants.	Favourable
It should have a well equipped classroom and labs with broadband internet connection, for a minimum of 50 participants.	Available
Backup of internet at venue if main internet connectivity fails due to any issue.	Available
The classroom and labs should be equipped with overhead projector with minimum 12x9 feet screen.	Available
The venue on where workshop will be conducted, should be equipped with professional audio system.	Available
UPS to sustain Power if main line fails due to any issue.	Available
Lodging and boarding facilities for participants, either in hostel or in a place near the campus.	Available