



# VIDYA BHARATI MAHAVIDYALAYA AMRAVATI

NAAC Re-accredited with Grade "A" (CGPA 3.23-Third Cycle) | CPE Status (Thrice) by UGC  
Mentor College under Paramarsh Scheme by UGC  
'Lead College' by S.G.B. Amravati University, Amravati.

**2.3.2 –**

**Teachers use ICT enabled tools for effective teaching-learning process.**

## **Use of ICT enabled techniques by the faculty**

The faculty at our institution is actively incorporating Information and Communication Technology (ICT) into their teaching methodologies, fostering an enriched learning environment. With a commitment to student-centric education, teachers are utilizing various ICT-enabled techniques and tools to make the learning experience more dynamic and engaging.

In our e-Classrooms, equipped with interactive projectors, computers, and robust internet connectivity, faculty members are integrating technology seamlessly into their lectures. These interactive tools allow for more visual and interactive presentations, captivating students' attention and enhancing their understanding of the subject matter. Whiteboards, audio systems, and other facilities further contribute to creating a tech-savvy learning space.

One of the significant aspects is the faculty's embrace of online platforms such as Google Classroom, Google Meet, Webex, and Zoom. These platforms have become essential tools, especially during the pandemic, allowing teachers to conduct virtual classes, share study materials, and administer assessments efficiently. Faculty members have adapted to these platforms to ensure a smooth transition to online learning, maintaining the continuity of academic activities.

Moreover, the institution places a strong emphasis on continuous training for faculty members to stay updated with emerging ICT tools and techniques. This proactive approach ensures that teachers are well-equipped to integrate new technologies into their teaching practices, creating an environment where both educators and students can thrive in the digital era.

In essence, the faculty's use of ICT-enabled techniques reflects a commitment to providing a contemporary and effective learning experience. By harnessing technology, educators are not only making lessons more interactive but also preparing students for a future where digital literacy is increasingly vital. The institution's investment in faculty training and cutting-edge infrastructure underscores its dedication to staying at the forefront of educational innovation.

## E-Classroom and ICT enabled infrastructure

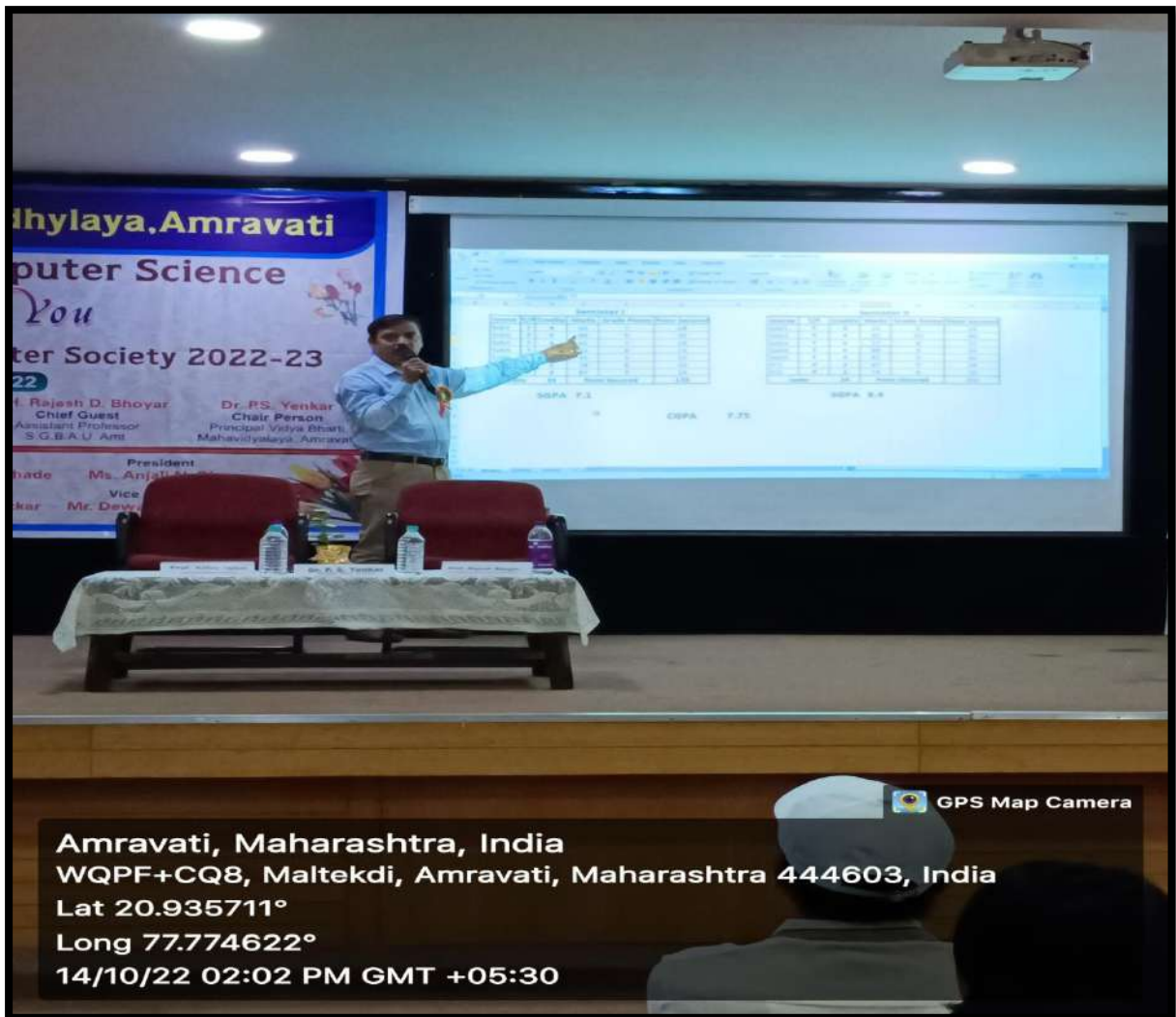
The institution has installed Smart classroom and E-classrooms, which are well equipped with modern tools for ICT such as computers, internet, wi-fi connectivity, interactive projectors, software, etc. These E-Classrooms are used regularly by the faculty members. In addition, these are also used to conduct interactive sessions of the subject experts to provide ICT enabled teaching-learning.

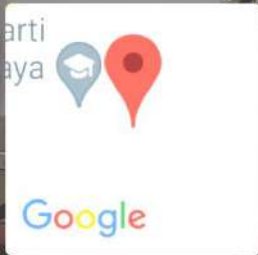
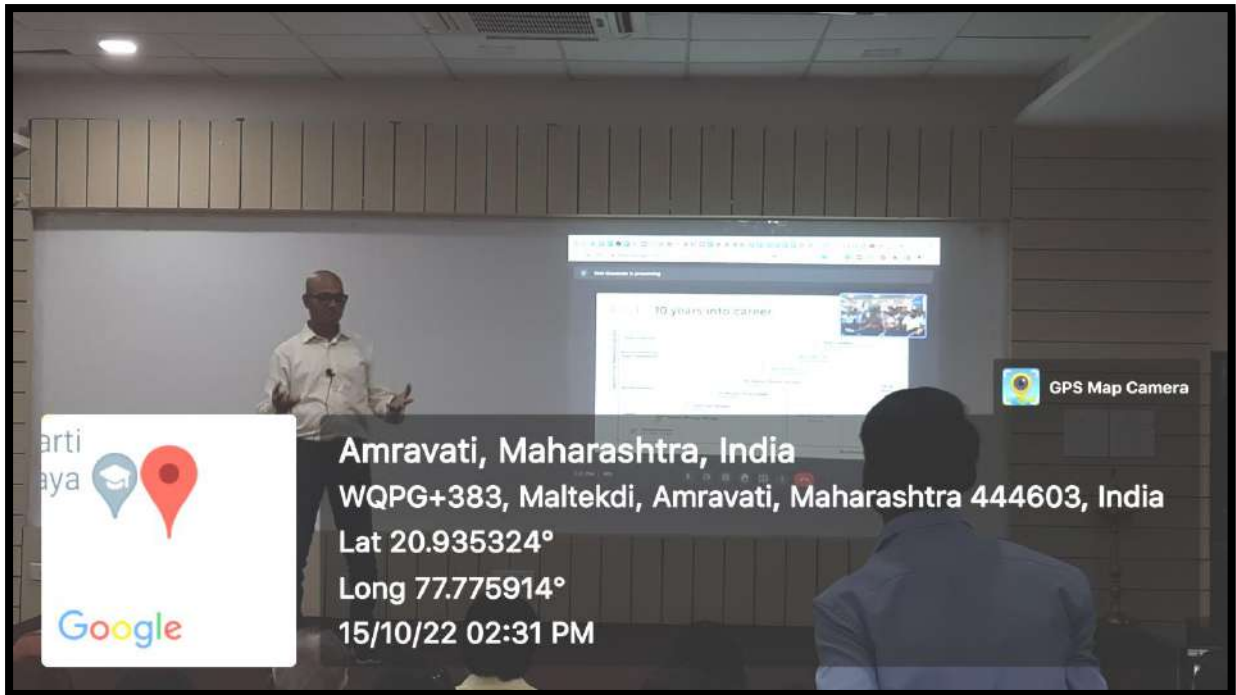


## Smart classroom with state-of-the-art ICT facilities



**E-classroom with ICT facilities and bountiful infrastructure**





Amravati, Maharashtra, India  
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Long 77.775914°  
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Amravati, Maharashtra, India  
WQPF+9XJ Park, Maltekdi, Amravati,  
Maharashtra 444603, India  
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Long 77.775205°  
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**Class room with ICT Facilities**



Amravati, Maharashtra, India  
WQPG+383, Maltekdi, Amravati, Maharashtra 444603, India  
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**Class room with ICT Facilities**

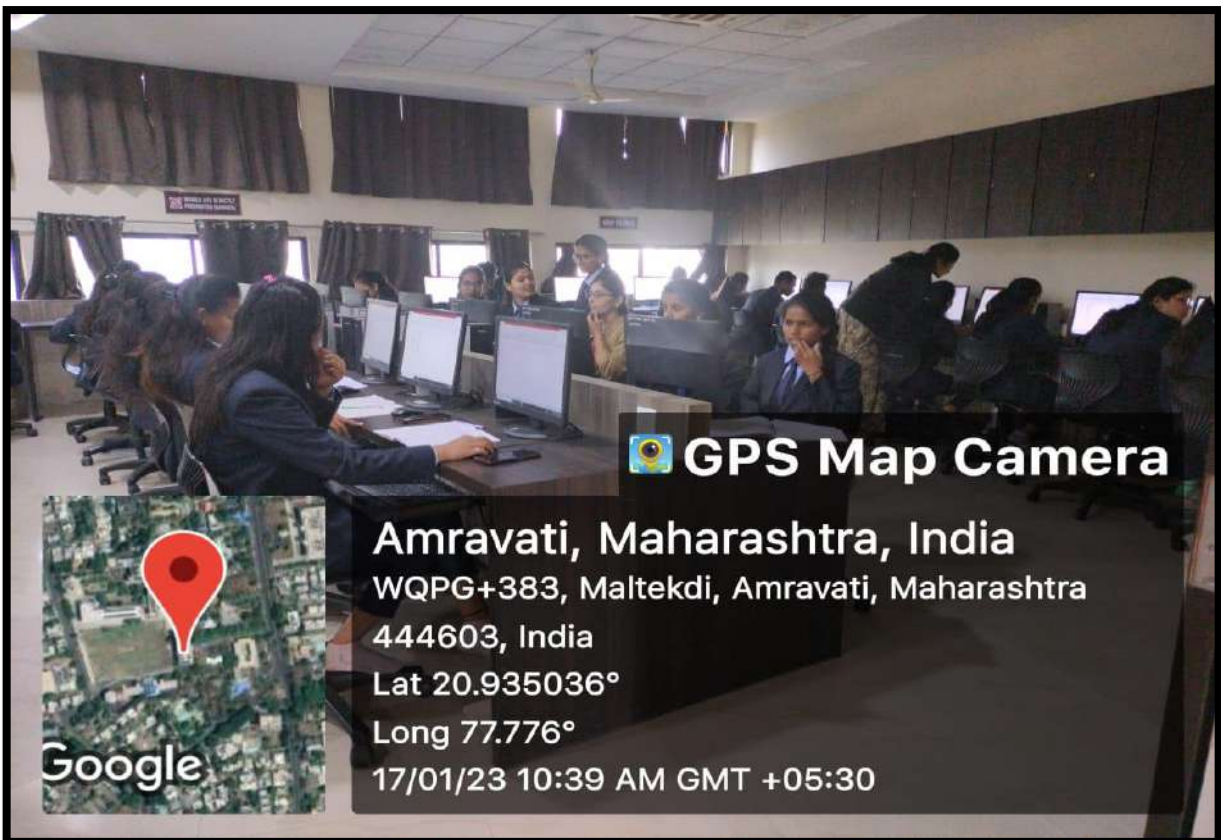


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444603, India  
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Long 77.775162°  
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**Laboratory of Computer Science with high configured computer systems**



Laboratory of Computer Science with updated ICT equipment



Practical session is conducting in computer laboratories

### **Laboratory Facilities with ICT enabled Teaching-learning:**

The College has well equipped laboratories with ICT enabled teaching-learning. The teachers demonstrate a variety of concepts using ICT enabled tools to make the subject more interesting. This aids a better understanding of the subject by the learners.



**Low gas concentration measuring unit with micro-voltmeter and pico-ammeter interfaced with computer enabled measurement  
(Department of Physics)**





**Digital vacuum furnace with technological facilities**



**IR Affinity instrument well interfaced with computer and printer**



**Digital UV Spectrometer interfaced with ICT facilities and printer in  
Department of Chemistry**



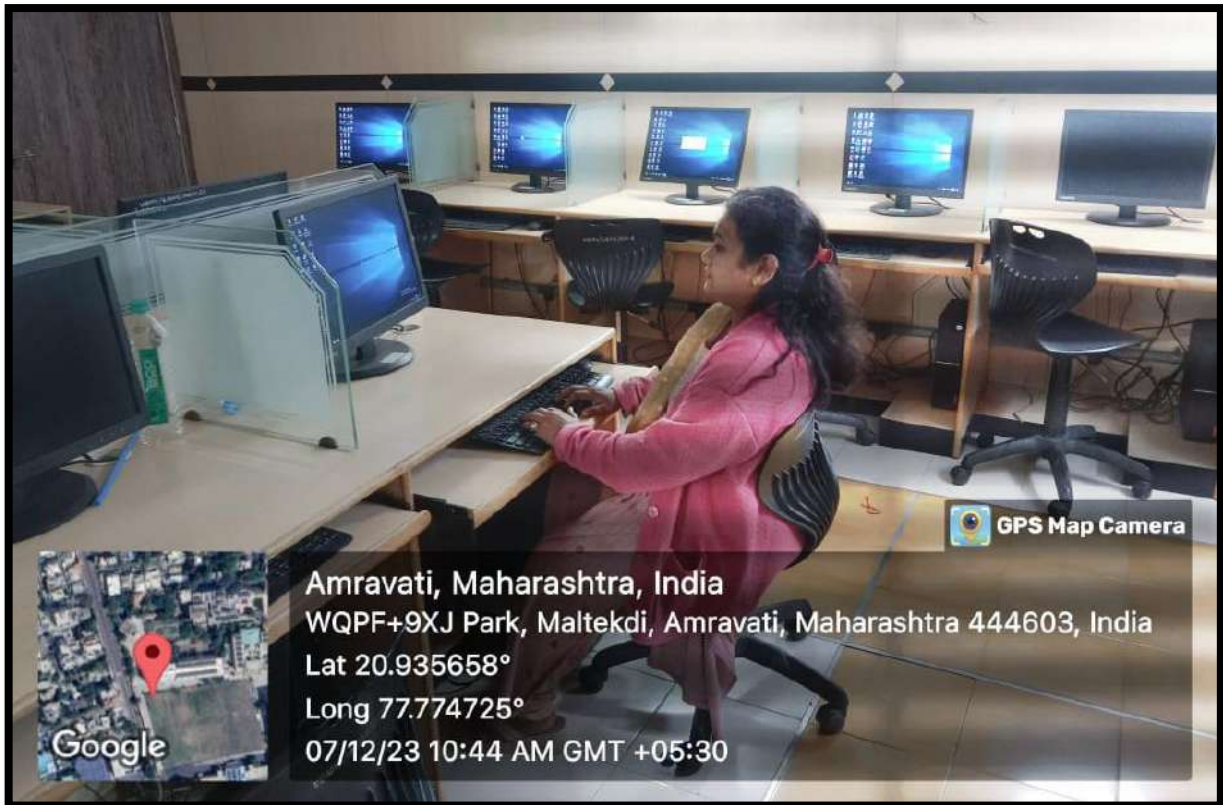
**Chemical Sample Analyzer (HPLC) interfaced with computer  
(Department of Chemistry)**



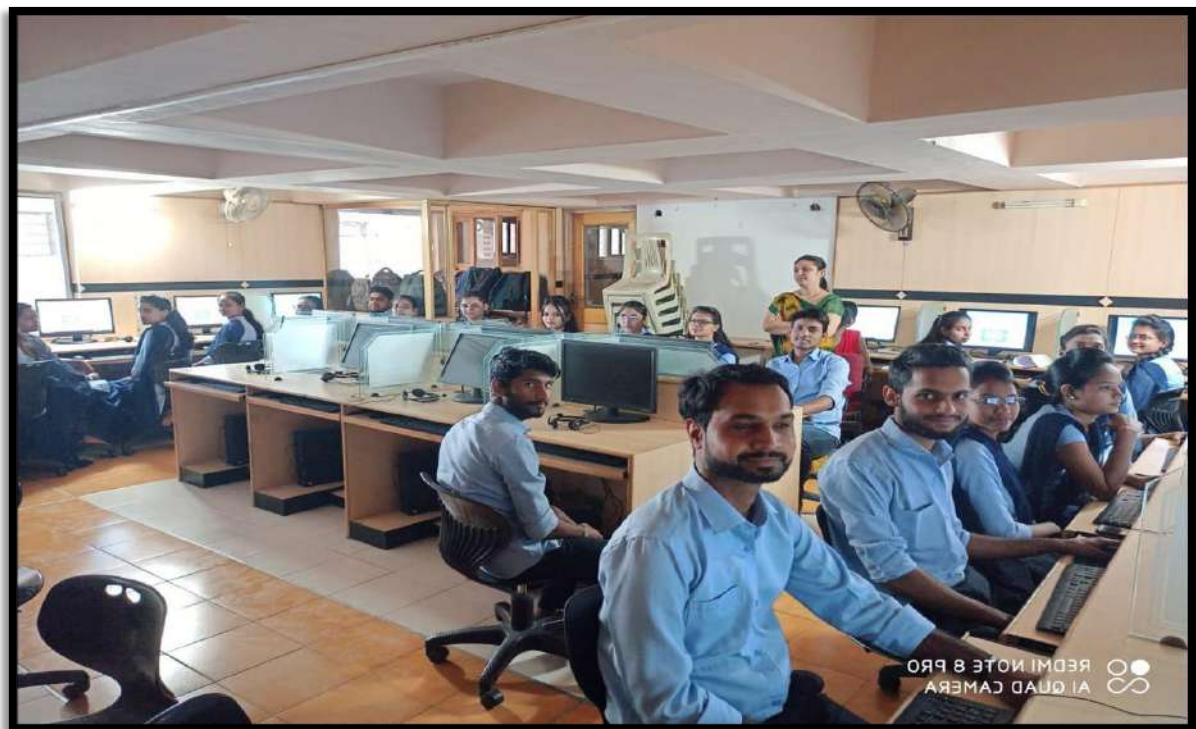
**Digital Distillation Unit with auxiliary units in Department of Chemistry**



**Solar panels system to provide eco-friendly power supply for ICT tools and infrastructure**



**ICT enabled teaching-learning in language lab Enhancement of communication skills using ICT enabled Language lab**



**Student practices communication skills using ICT enabled Language Lab**

## A.V. Theatres:

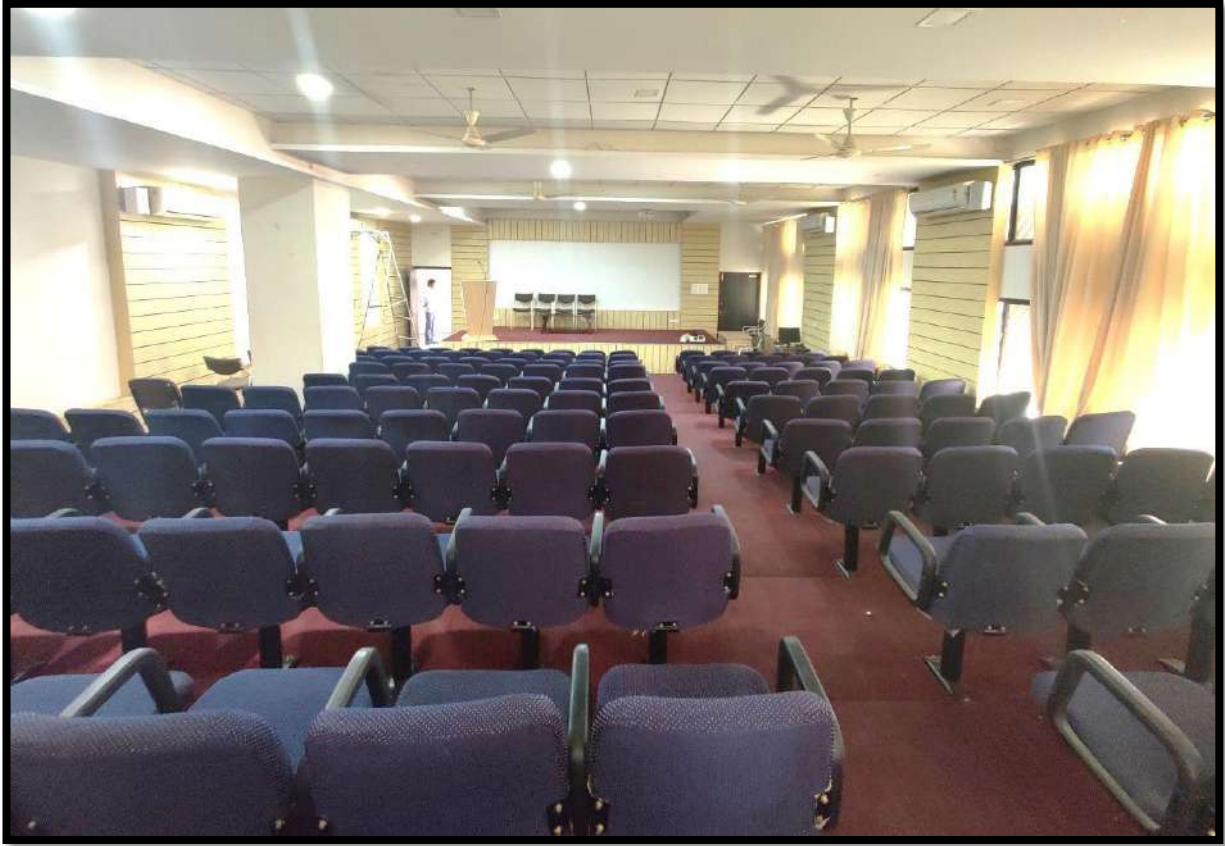
The college has established spacious A.V. theatres. These are well equipped with ICT facilities like computers, internet, wi-fi connectivity, audio system, etc. to enable ICT based teaching-learning. These theatres are used to carry out the sessions and talks of eminent persons as well various student centric activities.



**A. V. Theater with high-tech ICT facilities**

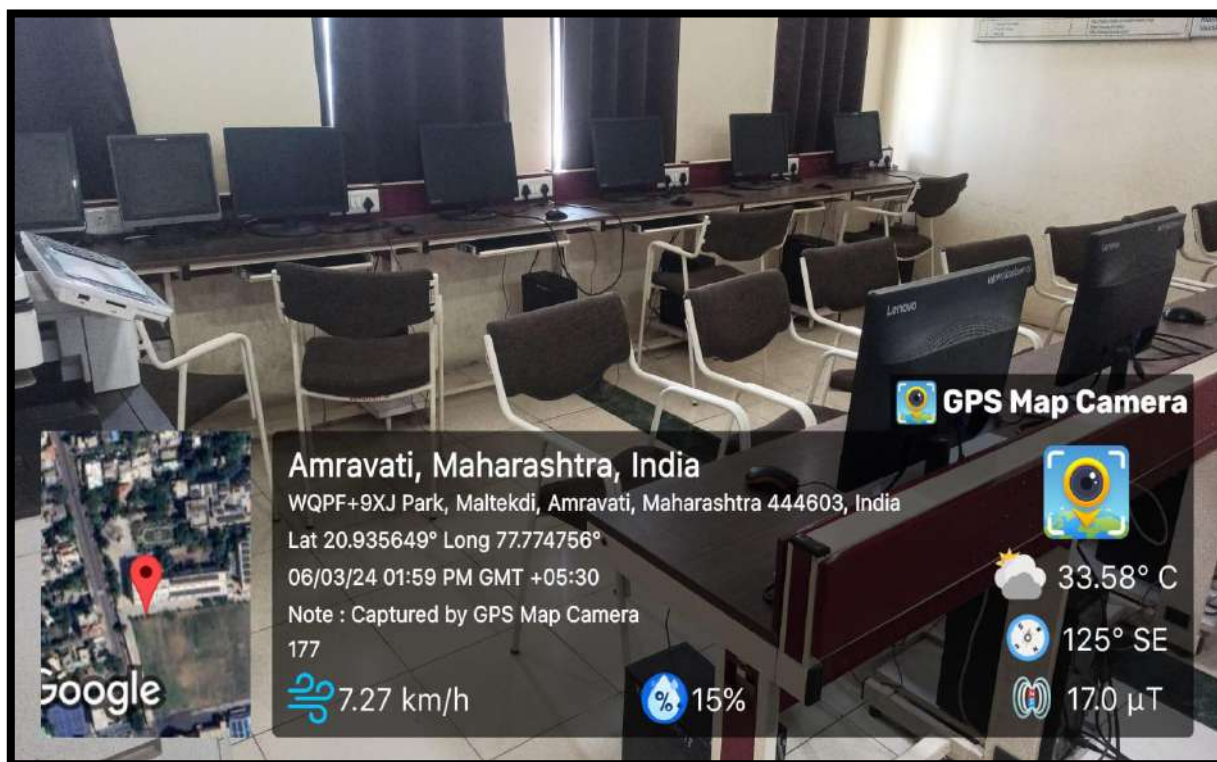


**A.V. Theatre with sophisticated infrastructure and ICT Facilities**



**A.V. theatre (MBA building) with contemporary ICT facilities A.V. theatre (MBA building) with munificent infrastructure and facilities**

## Library as a knowledge centre:



## Research Lab available at Knowledge centre

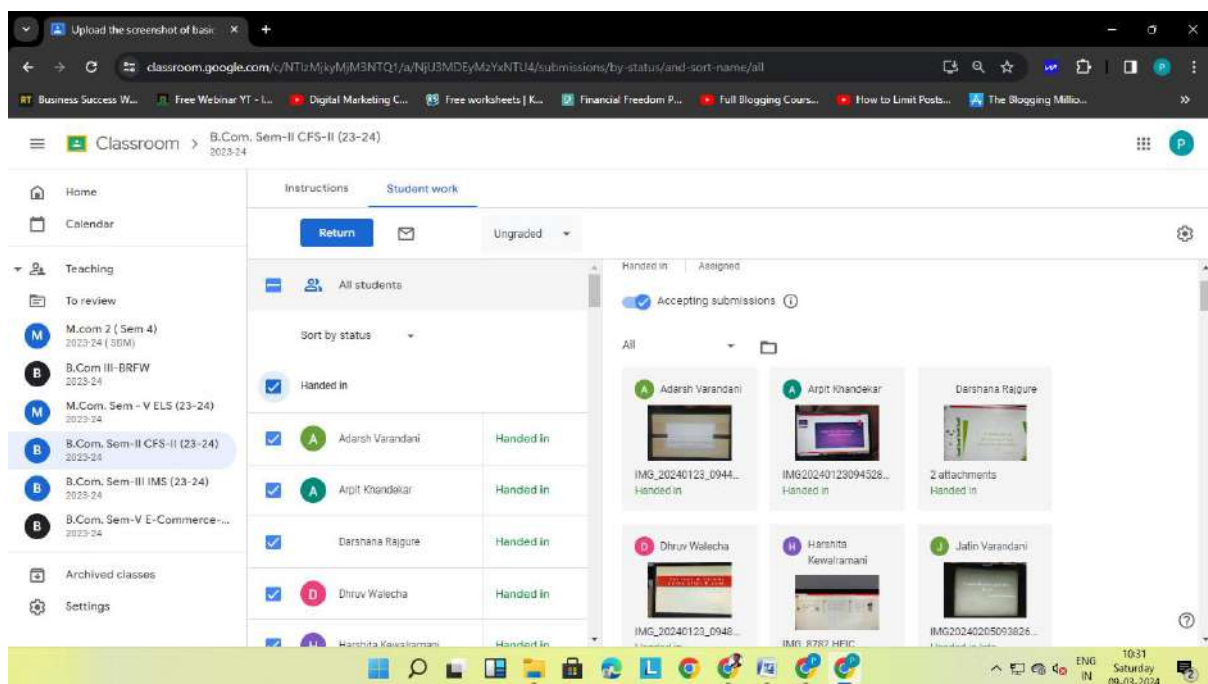
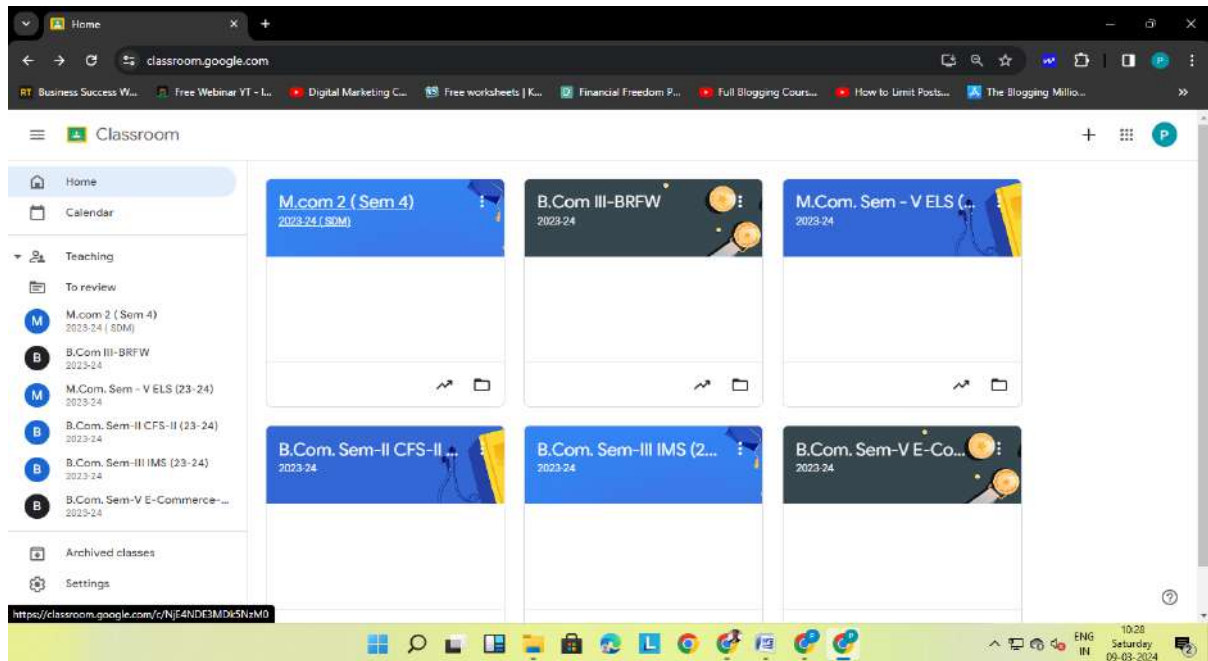


Stack room of Library with ample number of books, monographs and CDs, and digital resources (Main Building)

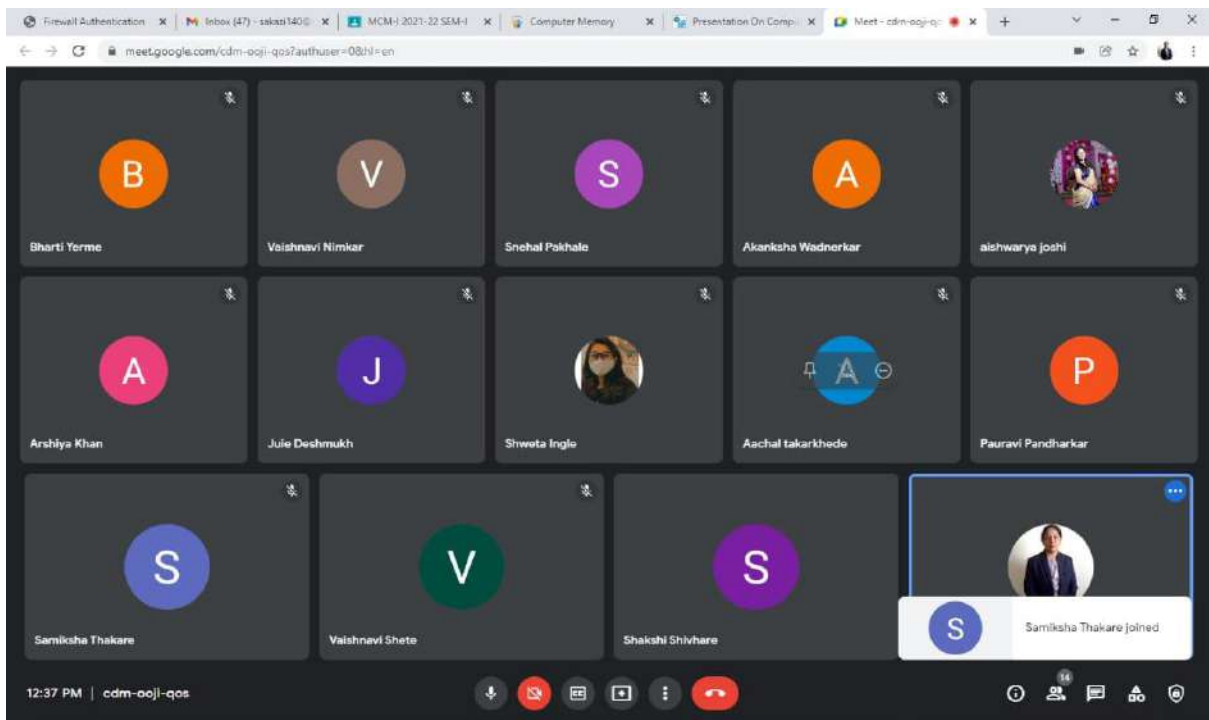


## Use of online classrooms (Google Classrooms) to expand the use of ICT enabled teaching-learning for learners:

Teachers also use online classroom like Google Classroom as an effective tool for ICT based learning. This expands the usage of ICT for teaching-learning. Google Classroom enhances the connectivity between the learners and teachers – inside and outside of college. It also helps to save time and paper, simplifies distribution of study material, assignments, unit tests, communicate and stay connected.



## Google Meet Platform



**Google meet is the free of charge online meeting platform which is extensively used to conduct online teaching-learning process**