



Mahatma Education Society's

PILLAI HOC COLLEGE OF ARCHITECTURE

Pillai HOCL Educational Campus, HOC Colony, Rasayani, Via Panvel, Dist- Raigad, Pin: 410207

Tel: 02192- 669002

Web: www.phcoa.ac.in

mail: phcoadmin@mes.ac.in

Approved by COA, Government of Maharashtra and Affiliated to University of Mumbai

Inst. Code- AR327

Criterion 4- Infrastructure and Learning Resources

4.3 IT Infrastructure

4.3.1





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4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

In today's educational landscape, IT facilities and sufficient bandwidth for internet connection are crucial for effective teaching, learning, and overall campus operations. With the rise of online education, IT facilities and high-speed internet are essential for delivering digital content, conducting virtual classes, and facilitating remote collaboration. These resources enable students to access course materials, participate in discussions, submit assignments, and engage in interactive learning experiences regardless of physical location. The campuses with wired and wireless internet access require a smooth and continuous roaming facility to access the internet from classrooms to libraries to labs and residential (hostel) areas.

Pillai HOC College of Architecture regularly updates its IT facilities in respect of bandwidth:

2018-19:	165 MBPS
2019-20:	200 MBPS
2020-21:	300 MBPS
2021-22:	500 MBPS
2022-23:	500 MBPS
2023-24:	500 MBPS

We have provided high-quality Wi-Fi facilities to the students on campus. The campus has a 500 MBPS high-speed internet facility. This institute has a 24X7 Wi-Fi facility on the college campus for students and faculty members to avail of an internet connection at any place in the college.

This institution with state-of-the-art IT infrastructure, computing, and communication resources offers the facilities of e-mail, net surfing, and up/downloading of web-based applications to students which helps them prepare projects & seminars (presentations). MES has a tie-up with Google and we use all the applications for our benefit. The entire Institute is Wi-Fi enabled with necessary firewalls and computer labs are connected through LAN with internet facilities—tie-up with Google Inc.

By addressing the needs of IT facilities and ensuring sufficient bandwidth for internet connection on campus we are creating an environment conducive to modern teaching and learning practices, fostering innovation, collaboration, and academic success.

IT Infrastructure Details

- No. of PCs in Institute: 80
- No. of PCs in Computer Lab: 56
- No. of PCs in Library: 09
- No. of PCs in Faculty Rooms, Office & Staff: 06
- No. of PCs in Exam cell: 02



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- No. of PCs in CAP: 05
- No. of PCs for IQAC: 02

Server details: Edu Right (2015)

- Windows Server 2008 R2
- Intel Xeon Processor E5-2620
- 32 GB RAM
- 5TBB HDD

Networking Switch Details:

- Cisco SG300-28 28 Port Gigabit Managed Switch (38)

Router Details:

- Ruckus Wireless Zone Director 1000 4G supported
- Ubiquiti Networks (Library)
- Airtel Wi-Fi

Internet Details:

- Service Provider: Prime net Global Ltd.
- Bandwidth available: 500Mbps
- Arrangements: Cyberoam CR2500iNG - 10.6.5



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Criterion 4- Infrastructure and Learning Resources

4.3 - IT Infrastructure

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Institution frequently updates its IT Facilities including Wi-Fi

(FROM AY 2023-24)



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IT INFRASTRUCTURE DETAILS

SR.NO.	DESCRIPTION	AVAILABLE
1	No. of PCs in the Institute	80
2	No. of PCs in Computer Lab	56
3	No. of PCs in the Library	09
4	No. of PCs in Faculty Rooms, Office & Staff	06
5	No. of PCs in Exam cell	02
6	No. of PCs in CAP	05
7	No. of PCs for IQAC	02
8	No. of Printers	05
9	No. of Switches	05
10	Projectors	06
11	Internet Bandwidth	500 Mbps
12	Licensed System Software	01
13	Licensed Application Software	01
14	Open-Source Application Software	01
15	Connection Ratio	1:1



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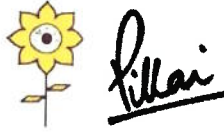
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UPGRADATION OF INTERNET/ WIFI YEAR WISE

- 2018-19: 165 MBPS
- 2019-20: 200 MBPS
- 2020-21: 300 MBPS
- 2021-22: 500 MBPS
- 2022-23: 500 MBPS
- **2023-24: 500 MBPS**



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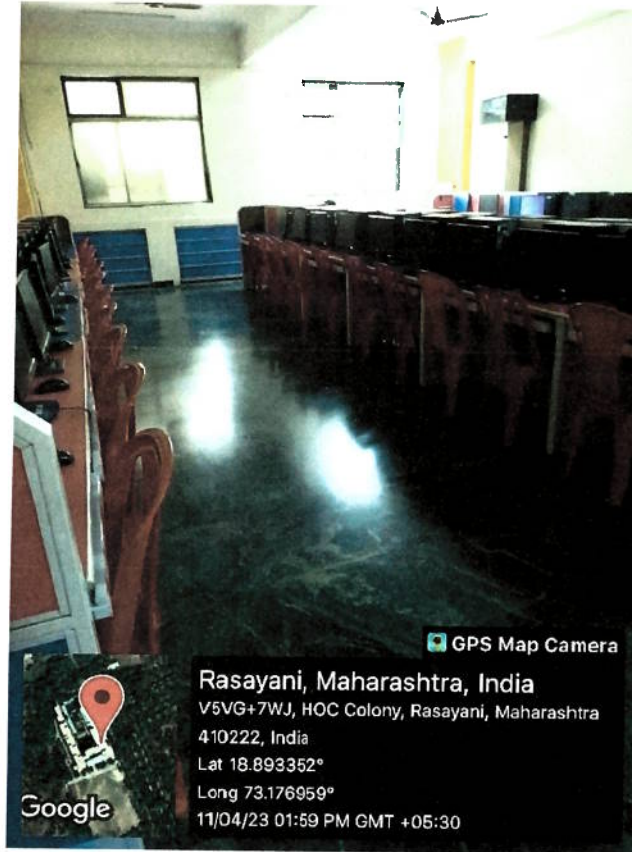
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COMPUTER LAB



PRINTER & COMPUTER



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SWITCH





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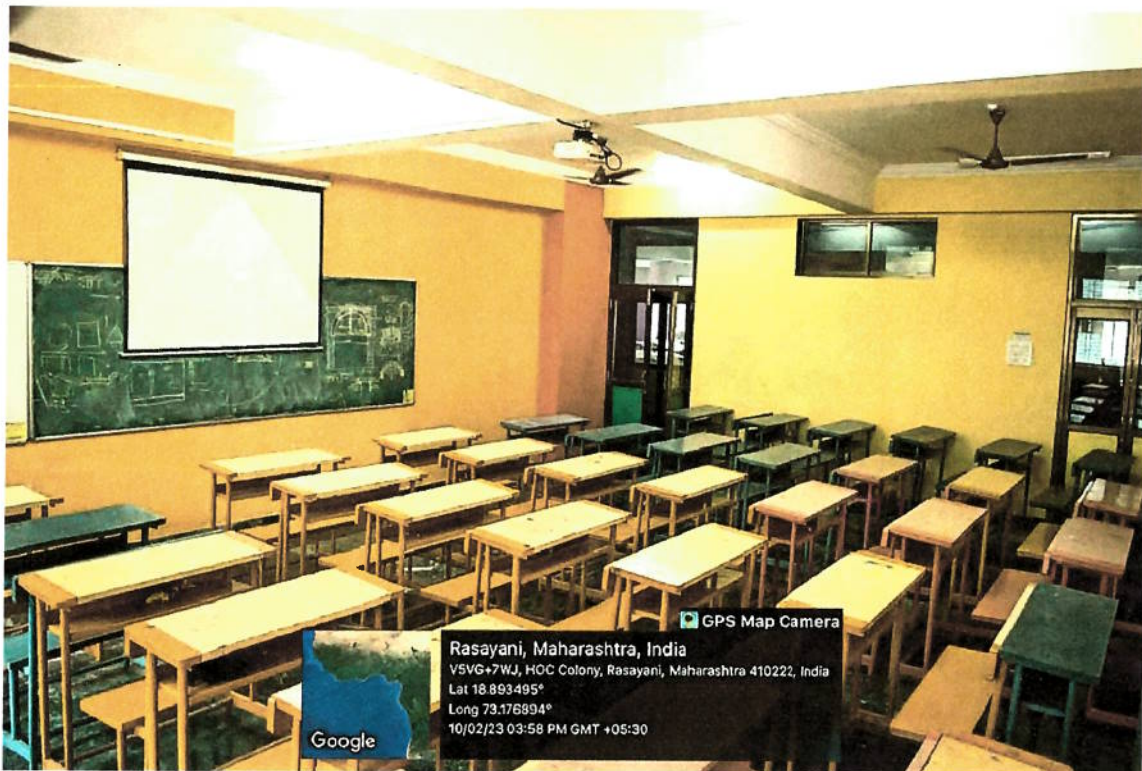
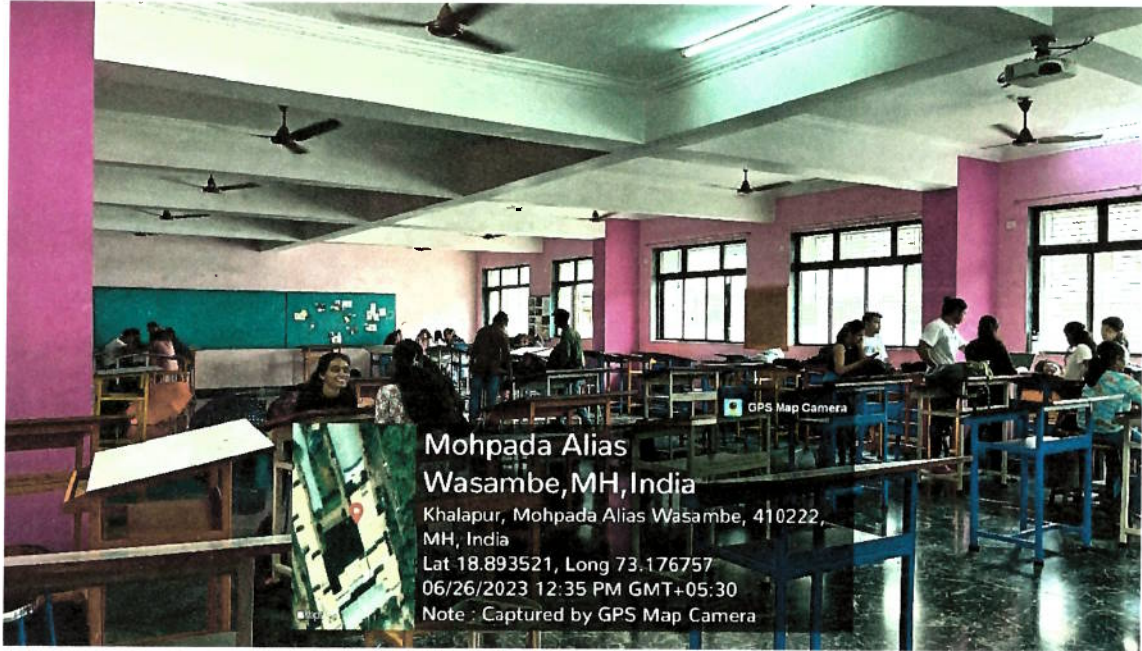
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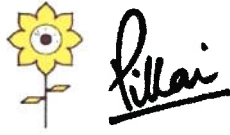
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COMPUTER IN LIBRARY





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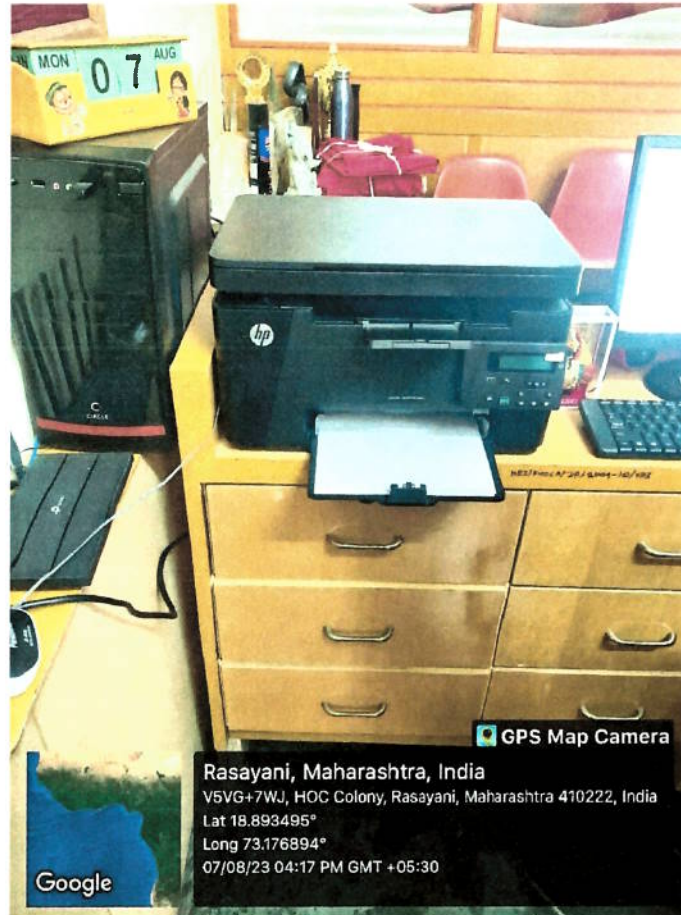
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ICT-ENABLED LECTURE ROOM



PRINTER



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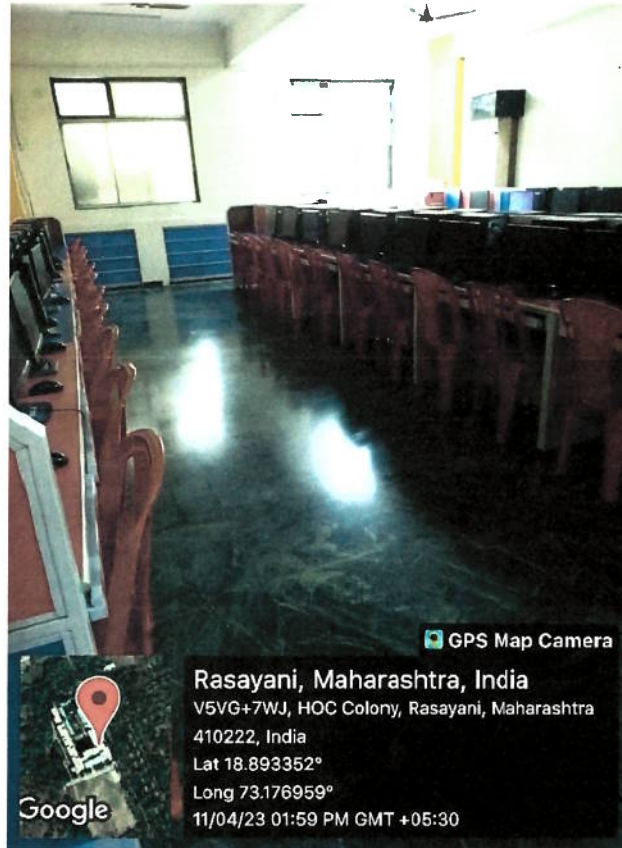
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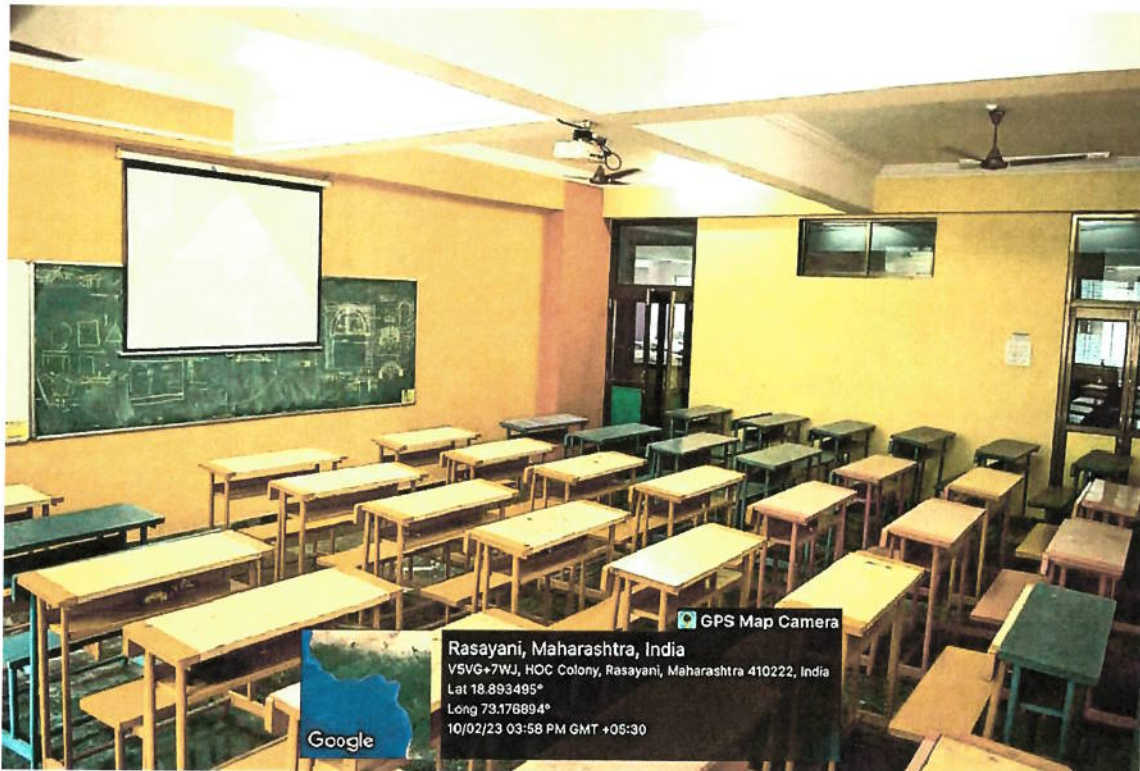
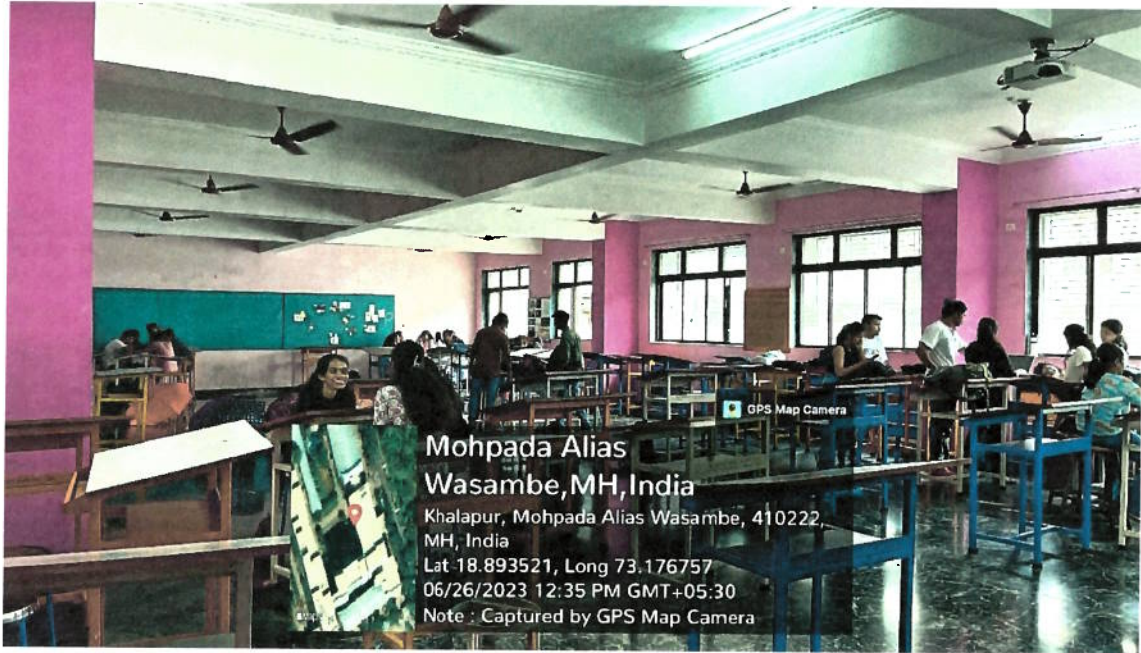
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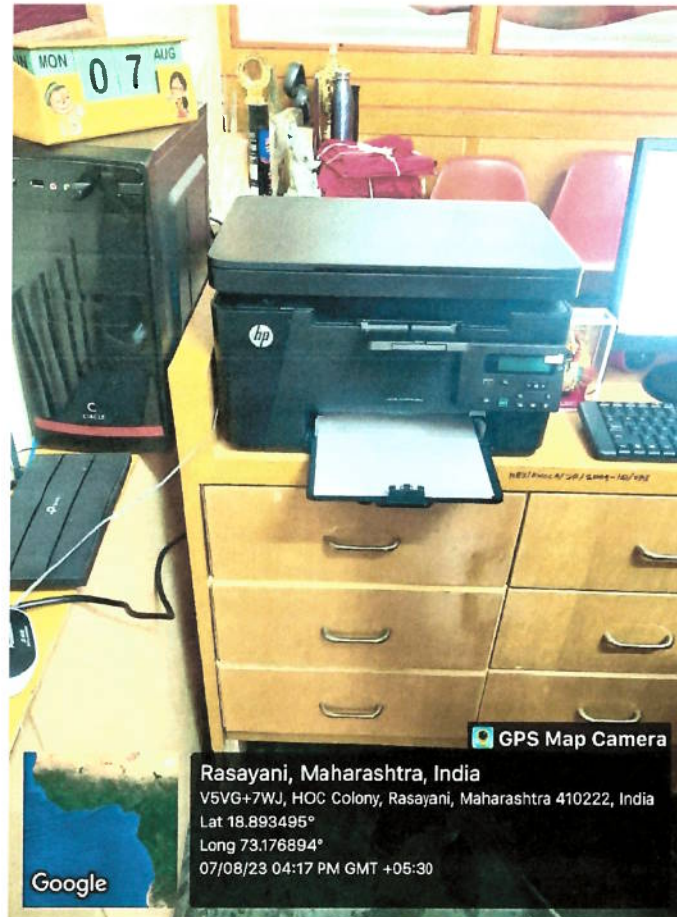
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