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COLLEGE OF ARCHITECTURE

Affiliated to the University of Mumbai

Bharati Vidyapeeth



Founder :

Dr. Patangrao Kadam
M.A.,LL.B.,Ph.D.

Belpada Complex, Opp. Kharghar Rly. Station,
Sec.7, C. B. D. Belapur, Navi Mumbai- 400 614 - India

Principal

Prof. Satish Dhale
(G.D.DID, P.G.DID, IIA, M.Sc.ID, M.Arch)

Ref. No. : BV / COA / N.M./

Date :

CRITERIA 2 – TEACHING, LEARNING & EVALUATION

2.3. Teaching- Learning Process



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Criteria 2 – Teaching, Learning & Evaluation

2.3 – Teaching-Learning Process

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

To improve teaching and learning, the institute incorporates a range of ICT tools and technology. Students and teachers can participate in interactive and collaborative learning through the use of software, internet connectivity, and other digital resources. Among the resources offered are:

- **Computer Labs and Internet Access:** To support research and practical learning, the institute provides access to computer labs furnished with pertinent software and high-speed internet.
- **Projectors in Classrooms:** To facilitate the delivery of presentations, visual content, and interactive sessions, classrooms are outfitted with projectors and smartboards.
- **Libsuite Software & E-Library:** Students have access to the E-Library and Libsuite software, which offer a multitude of digital resources for scholarly inquiry and study.

The institute adopts **problem-solving methodologies** as an integral part of its teaching approach. These methodologies promote curiosity, rational thinking, and solution-oriented learning, with an emphasis on task-based problem solving.

ICT Resources Incorporated into the Methodology of Teaching and Learning:



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Smartboards: Instructors use smartboards for webinars, interactive lectures, presentations, and internal seminars. These resources improve student participation and enable real-time interaction with the course content.

A/V Facilities: The seminar halls' audio-visual equipment allows for lectures, seminars, workshops, documentary screenings, and presentations, creating an engaging learning environment for instructors and students alike.

E-content and YouTube: Teachers make sure that students have access to learning resources at any time and from any location by sharing lectures, webinars, presentations, and other reference materials via internet platforms like YouTube.

Students can interact with the course material in a variety of creative ways thanks to the institute's efficient use of these ICT technologies, which expedite and enhance the teaching, learning, and evaluation processes.



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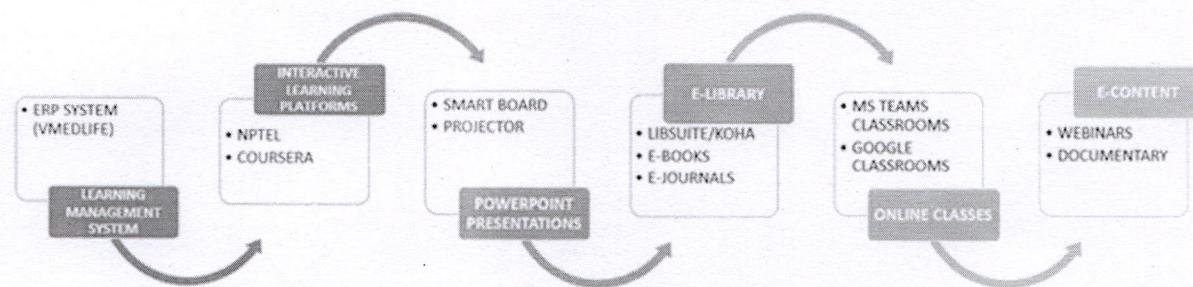
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2.3.2 -Summary Teaching-Learning Process

Several Information Communication Technology (ICT) tools are used by the faculty to achieve these goals.




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2.3 – Teaching-Learning Process

List of all the ICT enabled tools used for student centric teaching activities conducted in BVCOA:

Sr. No	Type of Event	Date of Event	Name of Event	ICT Facilities used
1.	Experiential and Participative Learning	21 June 2024	International Yoga Day	Microphone, Speakers
2.	Certificate Course / Value-Added Program	5 July 2024 to 10 August 2024	Introduction to AutoCAD	Desktop Computers, AutoCAD Software, Projector
3.	Industry Academia Meet	15 July 2024	World Youth Skills Day - Industry Academia Meet on “Green Corporate Sustainability Achieving Net Zero - Skilling India	Projector, PowerPoint Presentations, Microphones
4.	Seminar	24 July 2024	Heritage Montages - Photography Workshop	Projector, Microphone, Sound System
5.	Alumni Interaction / Expert Talk	24 July 2024	Alumni Talk by Arjita Gupta - Solar Decathlon	Projector, Microphone, Sound System
6.	Guest Lecture	25 July 2024	Fire Safety in High-Rise Commercial Building	Microphone, Speakers
7.	Guest Lecture	29 August 2024	Housing & Municipal Drawings	Microphone, Speakers
8.	Certificate Course / Value-Added Program	6 January 2025 to 9 January 2025	3D - Printing	3D Modeling Software (TinkerCAD, Fusion 360, SolidWorks), Slicing Software (Cura, PrusaSlicer, Computers and projection system, 3D Printers and associated hardware)



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9.	Certificate Course / Value-Added Program	6 January 2025 to 9 January 2025	Certificate Course on Art Therapy (Mixed Media, Decoupage & Candle Printing)	Audio-visual demonstrations, Basic art tools and materials, Informal visual guidance and live demonstrations
10.	Certificate Course / Value-Added Program	6 January 2025 to 10 January 2025	Masonry and Brick Construction	Visual demonstrations and presentations, Construction tools and masonry equipment, Physical models and full-scale construction exercises
11.	Seminar	03 September 2024	Skyscraper Day	Projector, Speakers
12.	Certificate Course / Value-Added Program	19 th September 2024 to April 2025	Glass and Fenestration	Projector, Audio System, Online Learning Platforms (for virtual sessions), Presentation Software
13.	Seminar	18 November 2024	Guide for Higher Studies - Thomas Jefferson	Projector, Microphone, Sound System
14.	Certificate Course / Value-Added Program	27 November 2024 to 30 November	LBC Exposure Course	Audio-visual lectures and presentations, Documentation through photography and sketches, On-site demonstrations and material exploration
15.	Seminar	28 November 2024	Financially Aware & Empowered India	Projector, Microphone, Sound System
16.	Certificate Course / Value-Added Program	17 December 2024 to 20 December 2024	Carpentry Course	Carpentry hand tools and workshop machines, Measuring and marking tools, Demonstration aids and visual instructions



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17.	Certificate Course / Value-Added Program	6 January 2025 to 9 January 2025	Parametric Thinking	Computers, Parametric Design Software (Rhino & Grasshopper), Projector
18.	Certificate Course / Value-Added Program	6 January 2025 to 9 January 2025	Journey through Heritage conservation	Laptop, Projector, Audio-Visual Presentations, Digital Documentation (Photography & Videos)
19.	Demonstration Lecture	11 February 2025	Applied Study of Sun Path Diagram	Mechanical Sun Path Simulator
20.	Seminar	12 February 2025	Unmasking the Mind	SmartScreen, Sound System ,Microphone
21.	Seminar	17 February 2025	Sustainable Construction & Permaculture	SmartScreen, Sound System
22.	Seminar	27 February 2025	Professional Insights: Cannon Design	Projector, Microphone, Sound System
23.	Seminar	05 March 2025	3D Visualization in Design	Projector, Microphone, Sound System
24.	Seminar	28 March 2025	Integration of Green Building Concepts and net Zero Energy Principles	Microphone, Sound System , Projector
25.	Seminar	02 April 2025	Intellectual Property Rights (IPR)	Microphone, Sound System , Projector

Footnote: For course data please refer to 1.2.1: Number of Add on /Certificate/Value added programs offered during the last five years.



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