



Dr. Babasaheb Ambedkar Technological University

Department of Computer Engineering

2.3.2 Teachers use ICT-enabled tools including online resources for effective teaching and learning processes.

1 USE OF SMART BOARDS IN ALL ACADEMIC DEPARTMENTS

2_ Technology to each and every student of the university with a 4:1 student computer ratio

3_ Highest repository of e-books and journals among the central universities in the country

The screenshot displays the Google Classroom interface for a course titled "Machine Learning (2022-2023)". On the left, a sidebar lists various courses, with "Machine Learning (2022-2023)" highlighted. The main content area shows the "Stream" view, which includes a "Join" button, a class code "356y5gm", and a list of recent posts by Harsha Gaikwad, including "Question Bank", "NPTEL", and "Course Exit Survey".

YouTube

The screenshot shows a web browser window displaying a YouTube channel page. The browser's address bar shows the URL: https://www.youtube.com/channel/UC3Qaayv3bbgyb388Z4_ArUw. The channel name is "A Full course on Machine Learning" with 131 subscribers. The page is divided into sections: "Uploads" and "Popular uploads".

Uploads:

- Principal Component Analysis: 41 views • 1 year ago
- Regularization: 21 views • 1 year ago
- Model Selection: 29 views • 1 year ago
- Bias Variance Tradeoff: 48 views • 1 year ago
- K-Nearest Neighbor and Naive Bay's Classifiers: 42 views • 1 year ago

Popular uploads:

- Estimating Parameters for Simple Linear Regression...: 1.7K views • 1 year ago
- Multivariate LDA and Quadratic Discriminant...: 774 views • 1 year ago
- Logistic Regression: Estimating Parameters: 447 views • 1 year ago
- Linear Discriminant Analysis: 192 views • 1 year ago
- Simple Linear Regression through Gradient Descent...: 106 views • 1 year ago

Digital whiteboard

The screenshot shows a digital whiteboard interface from Teachmint. The main workspace contains a handwritten equation $N/W =$ and a diagram of a square with a triangle attached to its bottom side. A play button is overlaid on the diagram. On the right side, there is a vertical list of user avatars and names: Rahul Rath, Prabhat Gh, Aneraye Ma, Omkar Dund, Aditya Mai, Saloni Sub, and Siddhant A. The bottom of the screen features a video player control bar with a progress indicator at 0:00 / 2:14:07 and buttons for "Stop Recording", "Mute All", and "End Class".

Virtual Labs

1:19
Vo LTE, 76%

codechef.com/users/ramc

Hi! [ramagrawal2001](#) Logout

» PRACTICE » COMPETE » LEARN
» DISCUSS » ASSOCIATE WITH US » MORE

Solve & Learn with Mentors
Rate up on CodeChef
Check our upcoming Learning Camps

Home » **Ram Agrawal**

Ram Agrawal

Username: [ramagrawal2001](#)

Country: India

State: Maharashtra

City: Mumbai

Student/Professional: Student

Institution: Dr. Babasaheb Ambedkar Technological University Lonere, Maharashtra, India

Teams List: List of teams by Ram Agrawal

Team Invites: Click [here](#) to check team invites.

Discard Profile: <https://discuss.codechef.com/u/ramagrawal2001>

1687

IDiv 2I

[CodeChef Rating](#)

(Highest Rating: 1728)

23307
21119

Global Rank | Country Rank

Rating Graph

1687 (L29)

Rating

CodeChef Starters 24 Division 2 (Rated)

2022-02-02 23:00:00

Global Rank: 3377

Rating vs Year

CodeChef Rating Distribution

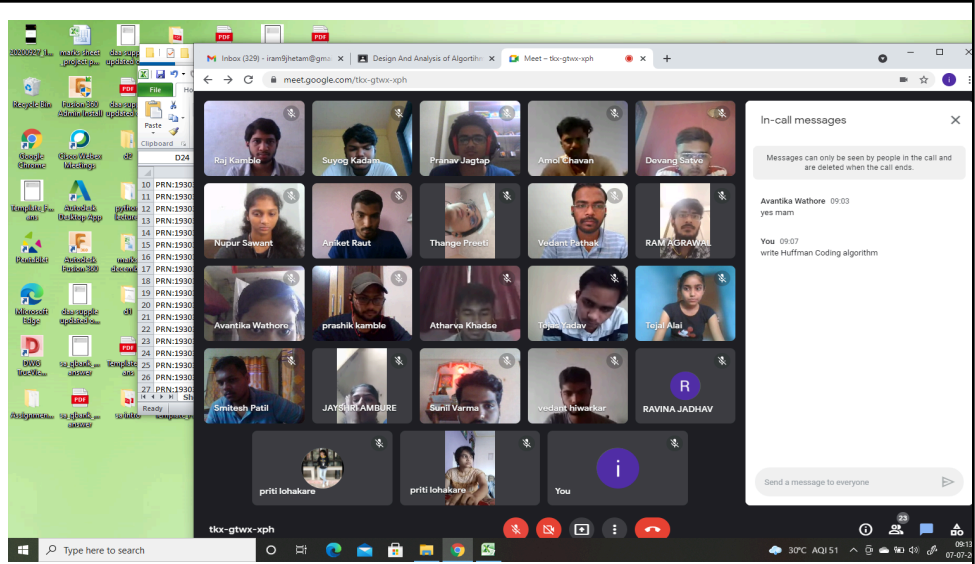
Number of people in logarithmic scale

Submissions

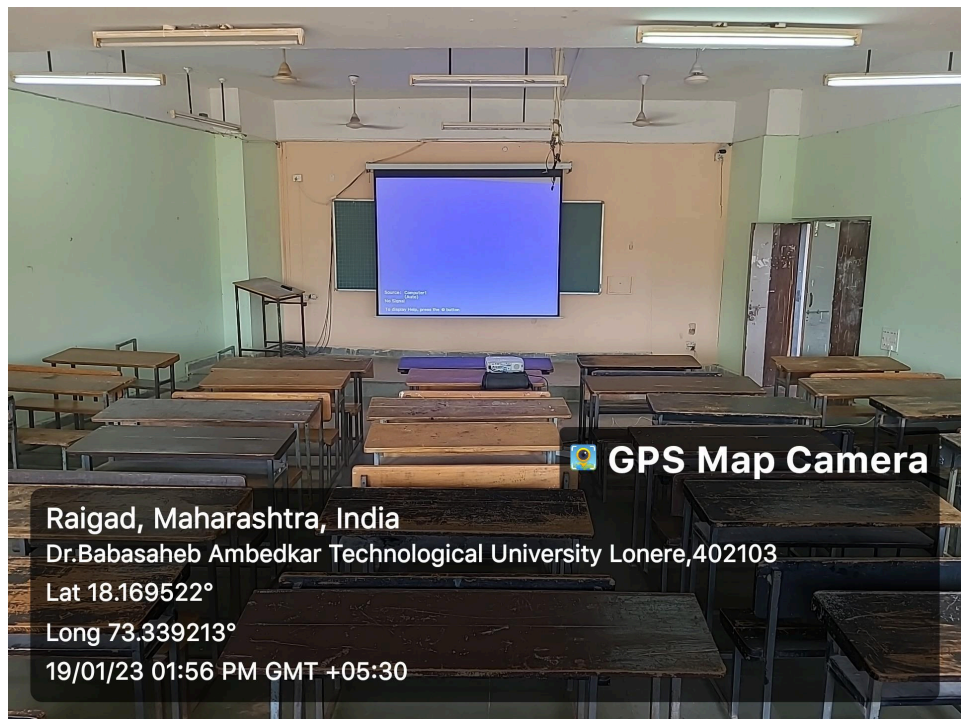
Recent Activity

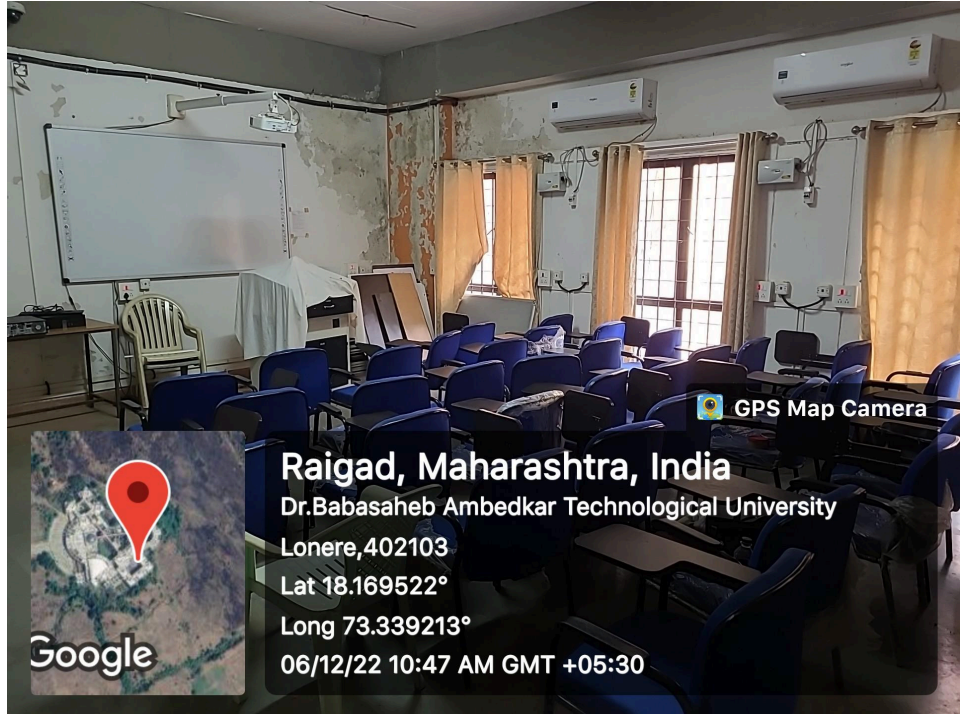
Time	Problem	Result	Lang.	Solution
⌚	STARTER62	✓	C++18	View
⌚	STARTER60	✓	C++18	View
⌚	STARTER61	✓	C++18	View
⌚	SWITCHCA	✓	C++18	View
⌚	PRINTTABL	✓	C++18	View
⌚	FINAL_PAS	✓	C++18	View
⌚	STARTER64	✓	C++18	View
⌚	VOL_CALIN	✓	C++18	View
⌚	SLIMP_IT	✓	C++17	View
⌚	STARTER62	✓	C++18	View
⌚	STARTER62	✓	C++18	View
⌚	ANTI_PSE	✓ (100)	JAVA	View

1 of 19 [Next](#)



**Smart
Classroom,
Digital Studio
Computer Labs**





GPS Map Camera

Raigad, Maharashtra, India

Dr.Babasaheb Ambedkar Technological University

Lonere,402103

Lat 18.169522°

Long 73.339213°

06/12/22 10:47 AM GMT +05:30

Google



GPS Map Camera

Raigad, Maharashtra, India

Dr.Babasaheb Ambedkar Technological University Lonere,402103

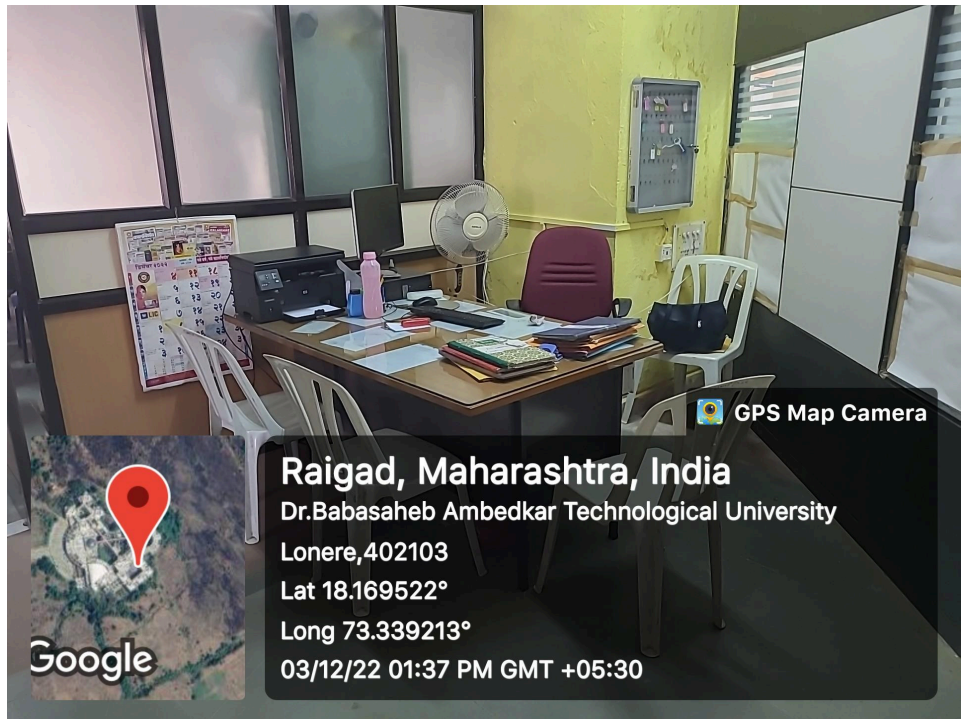
Lat 18.169522°

Long 73.339213°

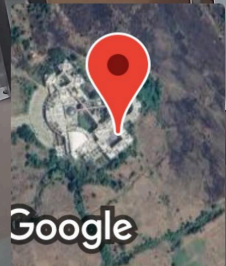
03/12/22 01:48 PM GMT +05:30



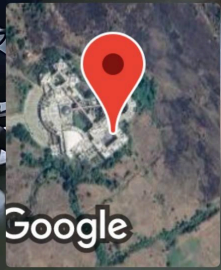
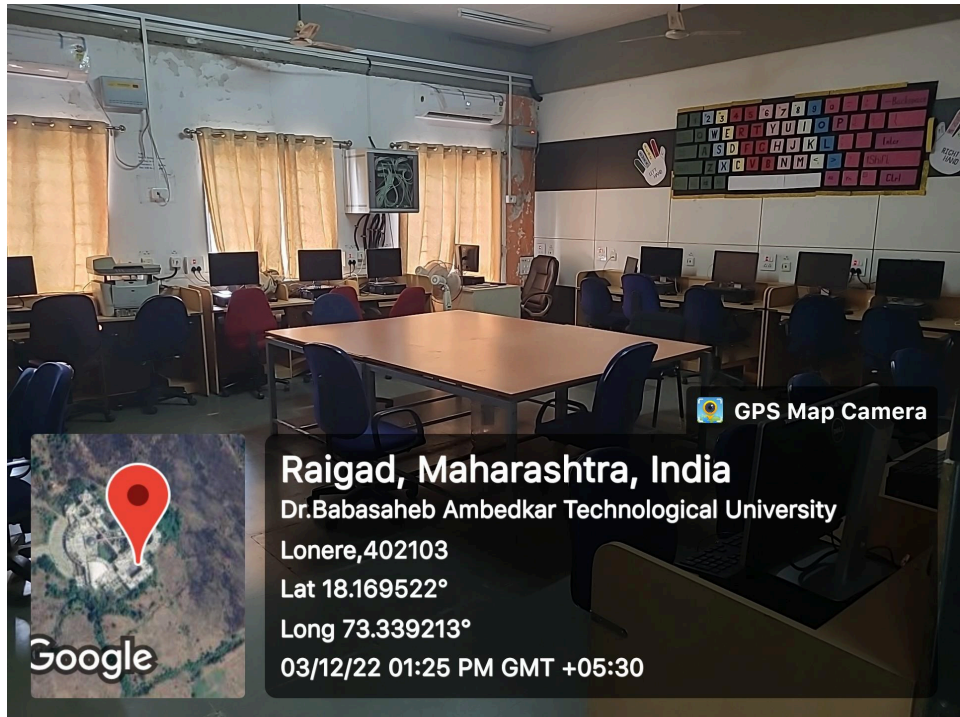
Raigad, Maharashtra, India
Dr.Babasaheb Ambedkar Technological University Lonere,402103
Lat 18.169522°
Long 73.339213°
03/12/22 01:44 PM GMT +05:30



Raigad, Maharashtra, India
Dr.Babasaheb Ambedkar Technological University
Lonere,402103
Lat 18.169522°
Long 73.339213°
03/12/22 01:37 PM GMT +05:30







Google

Raigad, Maharashtra, India

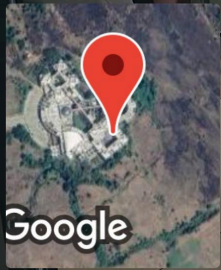
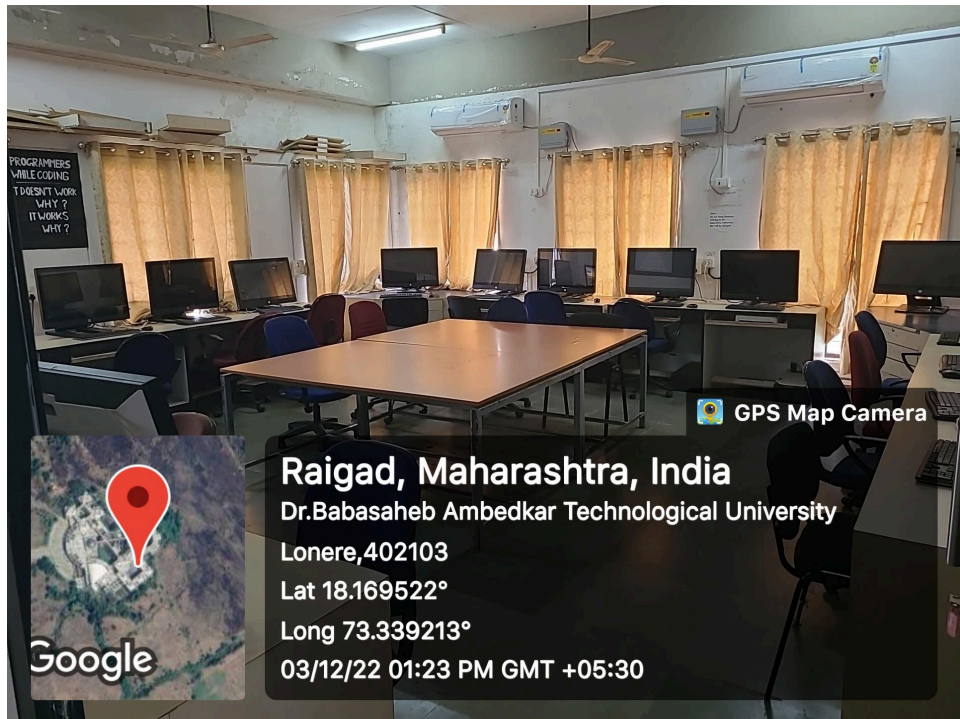
Dr.Babasaheb Ambedkar Technological University

Lonere,402103

Lat 18.169522°

Long 73.339213°

03/12/22 01:25 PM GMT +05:30



Google

Raigad, Maharashtra, India

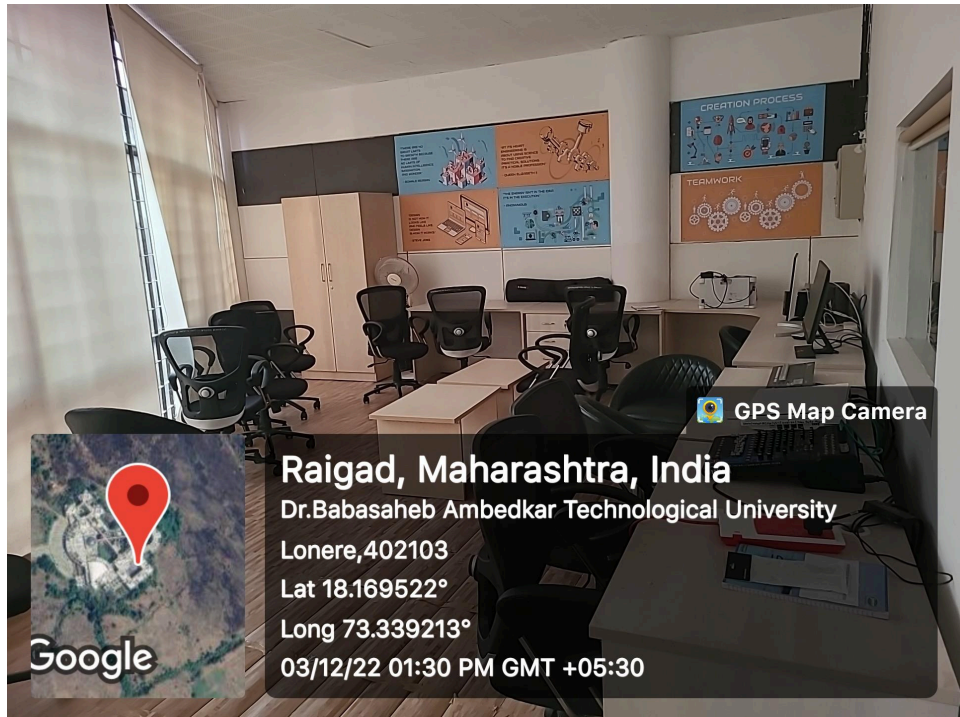
Dr.Babasaheb Ambedkar Technological University

Lonere,402103

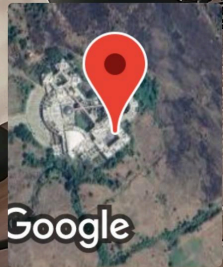
Lat 18.169522°

Long 73.339213°

03/12/22 01:23 PM GMT +05:30



GPS Map Camera



Google

Raigad, Maharashtra, India

Dr.Babasaheb Ambedkar Technological University

Lonere,402103

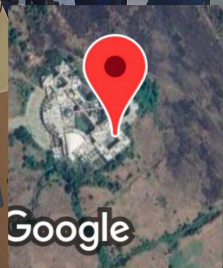
Lat 18.169522°

Long 73.339213°

03/12/22 01:30 PM GMT +05:30



GPS Map Camera



Google

Raigad, Maharashtra, India

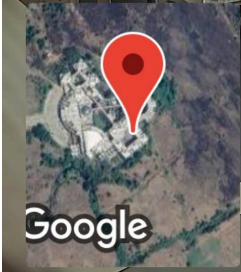
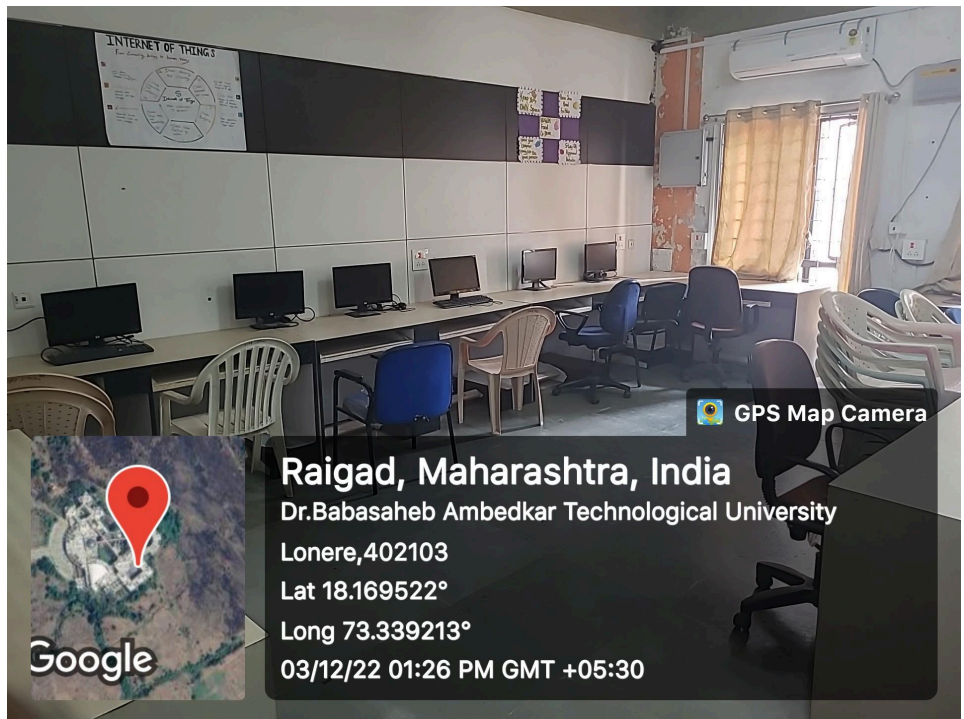
Dr.Babasaheb Ambedkar Technological University

Lonere,402103

Lat 18.169522°

Long 73.339213°

03/12/22 01:20 PM GMT +05:30



Raigad, Maharashtra, India

Dr.Babasaheb Ambedkar Technological University

Lonere,402103

Lat 18.169522°

Long 73.339213°

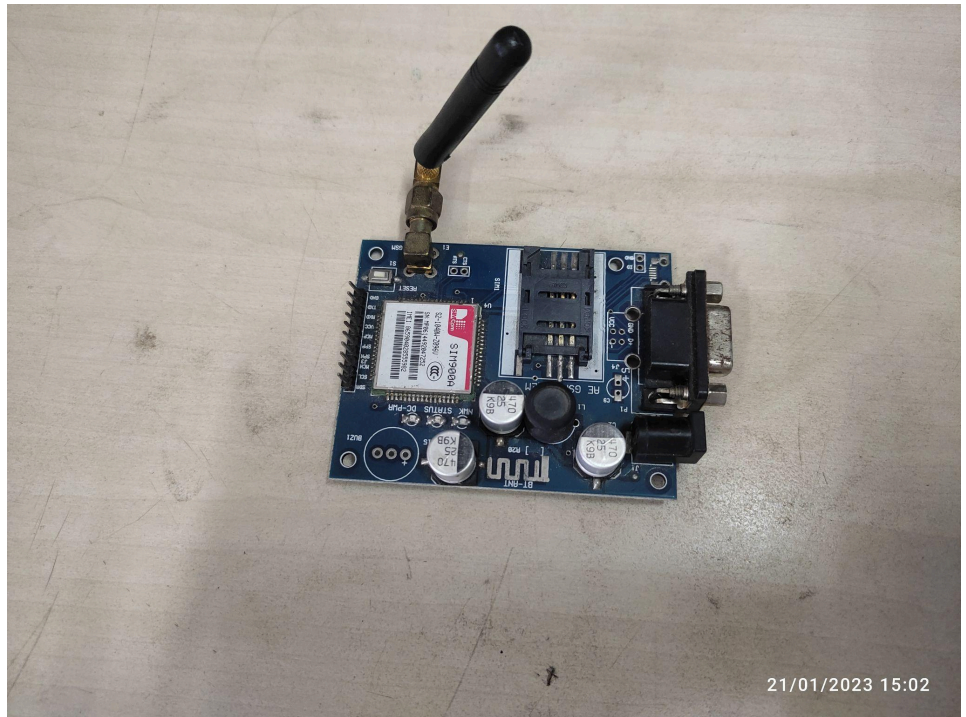
03/12/22 01:26 PM GMT +05:30

Smart TV

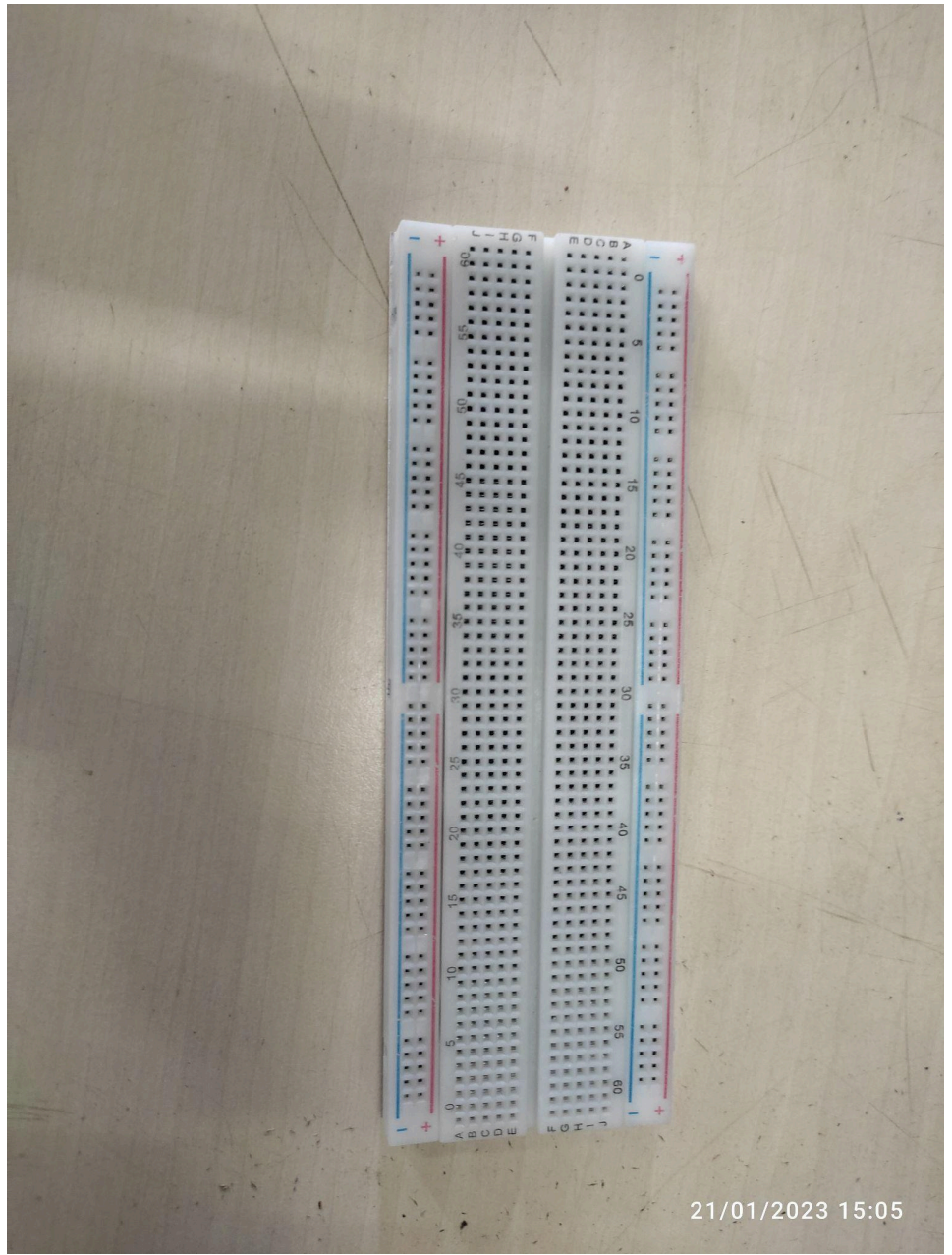


IoT Kits





21/01/2023 15:02



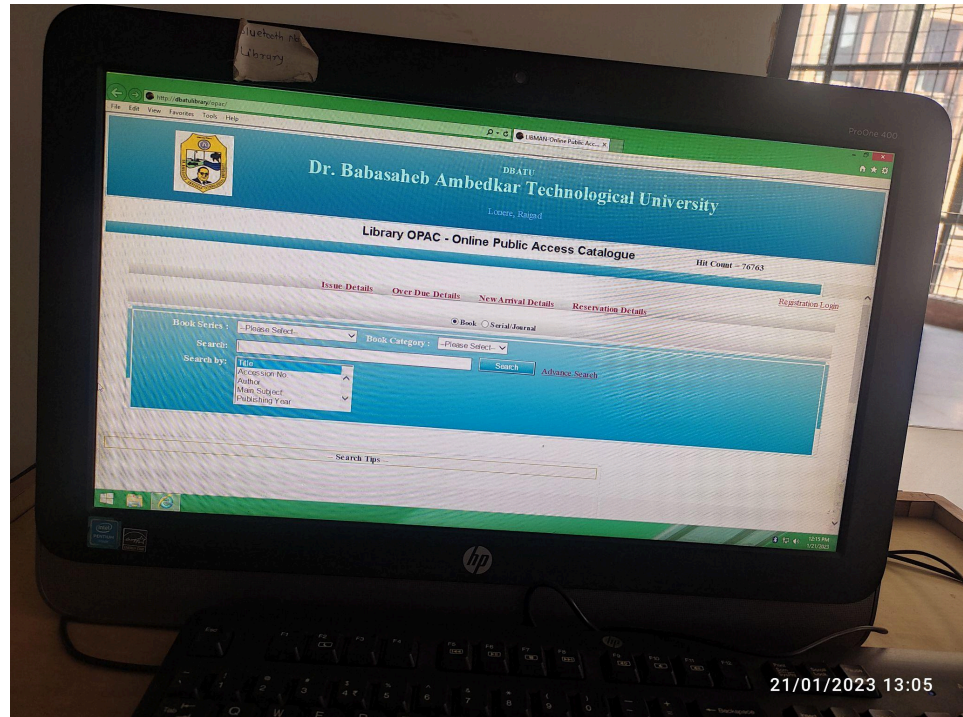
21/01/2023 15:05





21/01/2023 15:04

Digital University Library(since 2009)



Data Science lab pack include statistics



**Wifi Enabled
Campus**



Digital Board



Camera Stand



- **ICT Tools**

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
120	120	Projector, Projector Screen, PCs, Digital Screen, Smart Classrooms	4	3	Different websites, e-journals, e-books, e-modules like nptel, etc.

Sr. No	ICT tool	Resources
1	E-platform	online courses
2	Smart panel	Smart panels in seminar halls
3	Digital board	Digital board in classroom
4	LCD projector	LCD projector
5	Digital library	Digital journals and books,NDL
6	Videos	NPTEL video library
7	WI-fi enabled labs and classrooms	Wi-fi ,internet
8	Simulation Software	Open source software,internet
9	Virtual Classroom	expert talk
10	webinars	Portable devices (tab)

Sr. No.	ICT tool	Resources
1	E-platform	online courses
2	Smart panel	Smart panels in seminar halls
3	Digital board	Digital board in classroom
4	LCD projector	LCD projector
5	Digital library	Digital journals and books,NDL
6	Videos	NPTEL video library

7	WI-fi enabled labs and classrooms	Wi-fi ,internet
8	Simulation Software	Open source software,internet
9	Virtual Classroom	expert talk
10	webinars	Portable devices(tab)
11	Zoom Subscription	
12	Webex	

Sr. No.	Name of Tool	Specification	Department
1.	Digital Display	Advance seven segment digital display	Civil Department
2.	Speaker		Electrical Engineering
3.	Digital slate, Camera stand.	Accessories for online Learning	Computer Engineering

Link for ICT Enabled Classrooms

1. <https://dbatu.ac.in/wp-content/uploads/2022/05/Studio-Computer.pdf>
2. <https://dbatu.ac.in/wp-content/uploads/2022/05/smart-classroom.pdf>

- **Google Classroom**

Year	Subject	Classroom Code
2022-23	Machine Learning Theory	356y5gm
	Probability and Statistics	wbgwv5w
	Competitive Programming II	6mshhfa
	Operating Systems	Dfxbagm
	Basic Computer Programming	l33ujlo
	Design and Analysis of Algorithm	yqhn4pu

Dr. Babasaheb Ambedkar Technological University, Lonere

Department of Electronics and Telecommunication Engineering

ICT Tools Report for academic year 2022-23

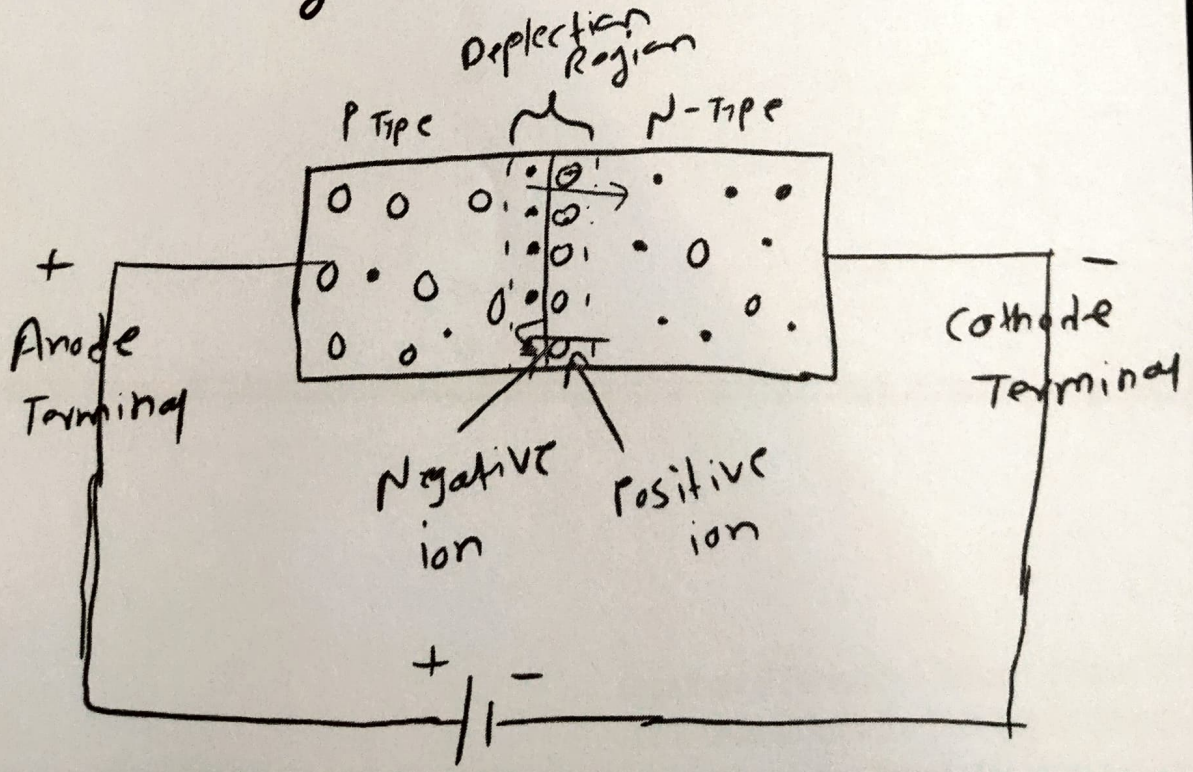
Summary: The academic year 2022-23 at Dr. Babasaheb Ambedkar Technological University witnessed a significant evolution in the integration of Information and Communication Technology (ICT) tools across various facets of education. This report provides an overview of the university's initiatives, achievements, and challenges in harnessing ICT for teaching, learning, and administrative processes.

- Appropriate use of ICT has helped the college raise the interest levels amongst the students and has helped connect learning to real-life situations. Besides the chalk and talk method of teaching, the college makes intensive use of ICT-enabled tools, including online resources for effective teaching and learning process.
- The faculty use ICT enabled classrooms with LCD projectors, Wi-Fi connectivity, software, PowerPoint presentations developed by teachers to expose the students to advanced knowledge and practical learning.
- The labs are updated with new software like Matlab, Microsoft Office, the latest Excel utility. The college is 'going green' and saving paper through the extensive use of ICT resources and other computing and storage facilities such as Cloud based Google Drive.
- ICT enabled such as Microsoft Teams, Google Classroom. The institution is also using the IT enabled learning tools such as PPT, Video clippings, animations, video demonstrations from online sources apart from providing reading materials and lab manuals through emails and other methods for effective teaching-learning process.
- Projectors are installed in all classrooms to incorporate new pedagogies in the teaching-learning process.
- The students and faculty make use of email, group mails, and social networking tools for instantaneous communication and information dissemination.

1. Online Lectures (Zoom meeting)



* Working under Forward Biased :-



2. Google Classroom:

