



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

<p>Screen-o-Matic</p>	<p>Game Playing - Part 2</p> <h3>MiniMax Algorithm</h3> <ul style="list-style-type: none">• Backtracking Algorithm• Best move strategy• Max will try to maximize its utility (Best Move)• Min will try to minimize utility (Worst Move)• Time complexity $o(b^d)$• b = branching Factor• d = Depth <p>05/06/2021</p> <p>00:03 / 12:26</p>
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Google Classroom

The screenshot shows a Google Classroom interface for a course titled "Data Structures (BTCOC303) 2021". The page features a header with navigation tabs for "Stream", "Classwork", and "People". Below the header is a large banner image of a university building with the text "Data Structures (BTCOC303) 2021" overlaid. The main content area includes an "Upcoming" section with a message: "Woohoo, no work due soon!" and a "View all" link. Below this is a post by "Laxman Netak" dated "Mar 19" with the text "Pl fill course exit survey form". There is also a comment input field and another post by "Laxman Netak" dated "Mar 14". The browser's address bar shows the URL: "https://classroom.google.com/u/0/c/MTQxMTZgSNTAxOTkw".

YouTube

The screenshot displays a YouTube channel page for "A Full course on Machine Learning", which has 131 subscribers. The channel is subscribed to. The page is divided into sections for "Uploads" and "Popular uploads". The "Uploads" section features five video thumbnails with titles and view counts: "Principal Component Analysis" (41 views), "Regularization" (21 views), "Model Selection" (29 views), "Bias Variance Tradeoff" (48 views), and "K-Nearest Neighbor and Naive Bayes Classifiers" (42 views). The "Popular uploads" section features five video thumbnails with titles and view counts: "Estimating Parameters for Simple Linear Regression..." (1.7K views), "Multivariate LDA and Quadratic Discriminant..." (774 views), "Logistic Regression: Estimating Parameters" (447 views), "Linear Discriminant Analysis" (192 views), and "Simple Linear Regression through Gradient Descent..." (106 views). The browser's address bar shows the URL: "https://www.youtube.com/channel/UC3Qaayv3bbgyb38824_ArUw".

Digital whiteboard

The image shows a screenshot of a Teachmint digital whiteboard. At the top, the Teachmint logo and a browser address bar are visible. The main whiteboard area contains a drawing of a person's head and shoulders, with a play button icon overlaid on it. To the left of the drawing is a vertical toolbar with various drawing tools like shapes, lines, and eraser. To the right is a list of participants with their names and initials. At the bottom, there is a video player control bar with a progress indicator showing 0:00 / 2:14:07 and buttons for 'Stop Recording', 'Mute All', and 'End Class'.

Teachmint

Shapes

Save

Text

Pen

Color

Line/Path

Erase

Select

Highlights

Tools

$N/w =$

Rahul Rath

PR Prabhat Gh

AN Aneeray Ma

OM Omkar Dund

AD Aditya Mal

SA Saloni Sub

Siddhant A

1/1

0:00 / 2:14:07

Stop Recording Mute All End Class

Virtual Labs

1:19
VoLTE

codechef.com/users/ramc
3

Hello **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](#)

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

1687

(Div 2)

★ ★ ★

CodeChef Rating
Highest Rating 1728

23307
Global Rank

21119
Country Rank

Recent Activity

Time	Problem	Result	Lang	Solution
🕒	STARTER_03	✓	C++18	View
🕒	STARTER00-	✓	C++18	View
🕒	STARTER_01	✓	C++18	View
🕒	SWITCH6A-	✓	C++18	View
🕒	PRINTABLE	✓	C++18	View
🕒	FINELINE	✓	C++18	View
🕒	STARTER_04	✓	C++18	View
🕒	VOLCAN-	✓	C++18	View
🕒	DAMP IT	✓	C++17	View
🕒	STARTER_02	✓	C++18	View
🕒	STARTER_02	✓	C++18	View
🕒	ANKLEB	✓ (100)	JAVA	View

1 of 19 Next

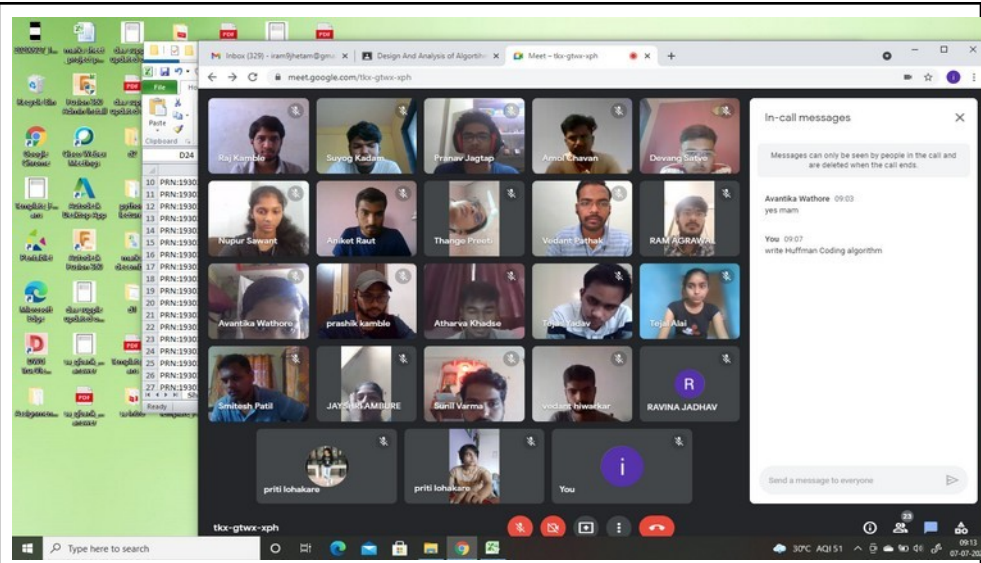
Rating Graph

1687 (-20)
Rating

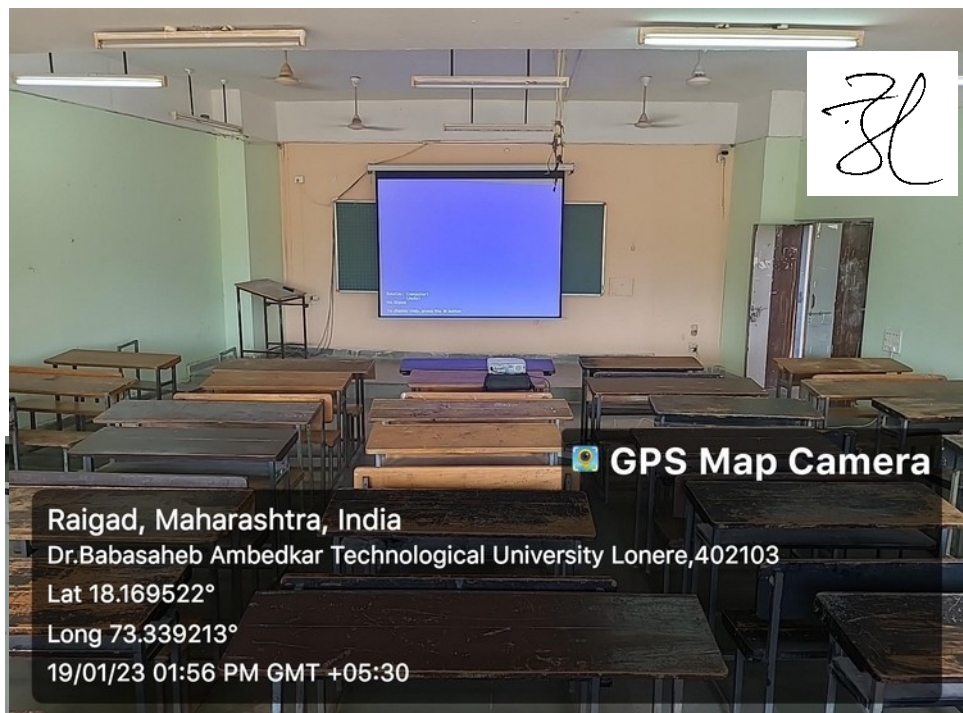
CodeChef Starters 28 Division 2 (Final)
 2022-02-02 23:00:02
 Global Rank: 3777

CodeChef Rating Distribution

Submissions



Smart Classroom(2017-2018), Digital Studio(2020-2021), Computer Labs





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

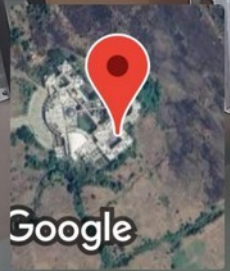


GPS Map Camera

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



GPS Map Camera



Raigad, Maharashtra, India

Dr.Babasaheb Ambedkar Technological University

Lonere,402103

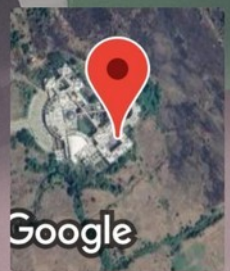
Lat 18.169522°

Long 73.339213°

03/12/22 01:37 PM GMT +05:30



GPS Map Camera



Raigad, Maharashtra, India

Dr.Babasaheb Ambedkar Technological University

Lonere,402103

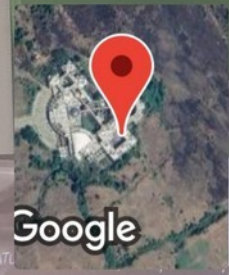
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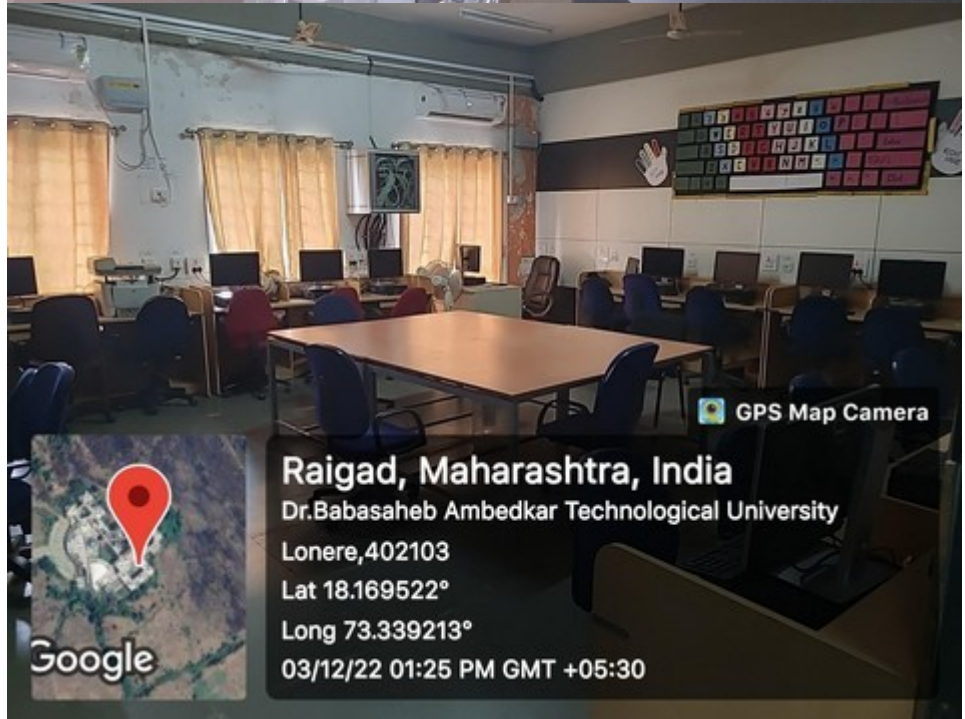
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GPS Map Camera



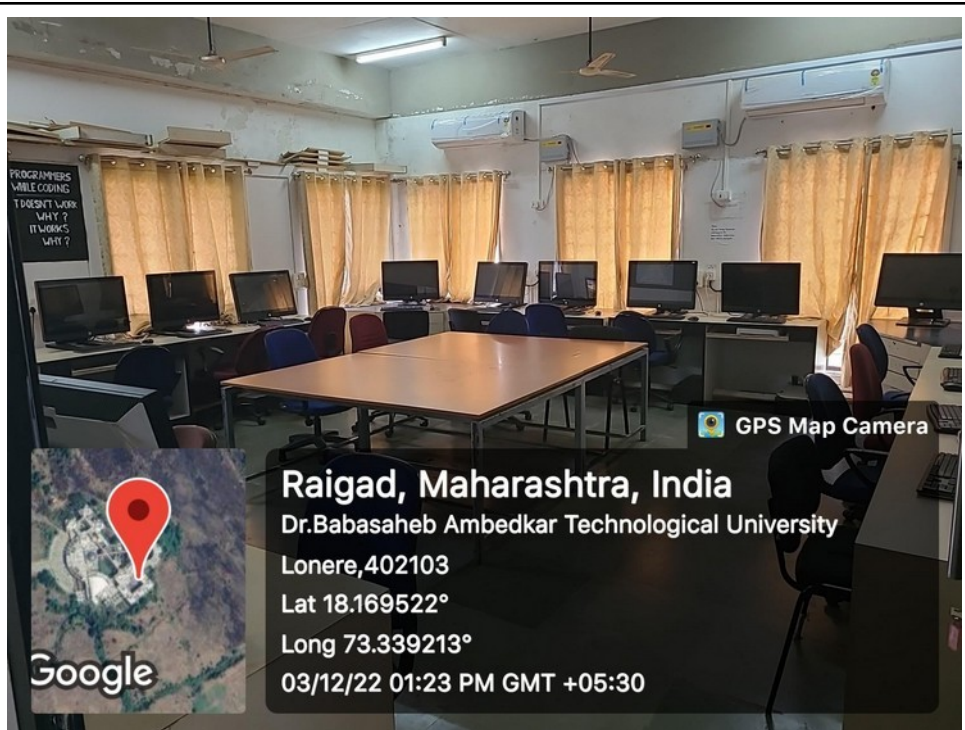
Raigad, Maharashtra, India
Dr.Babasaheb Ambedkar Technological University
Lonere,402103
Lat 18.169522°
Long 73.339213°
03/12/22 01:33 PM GMT +05:30



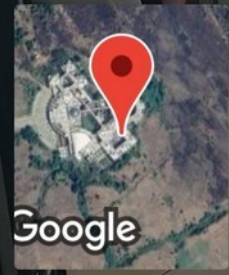
GPS Map Camera



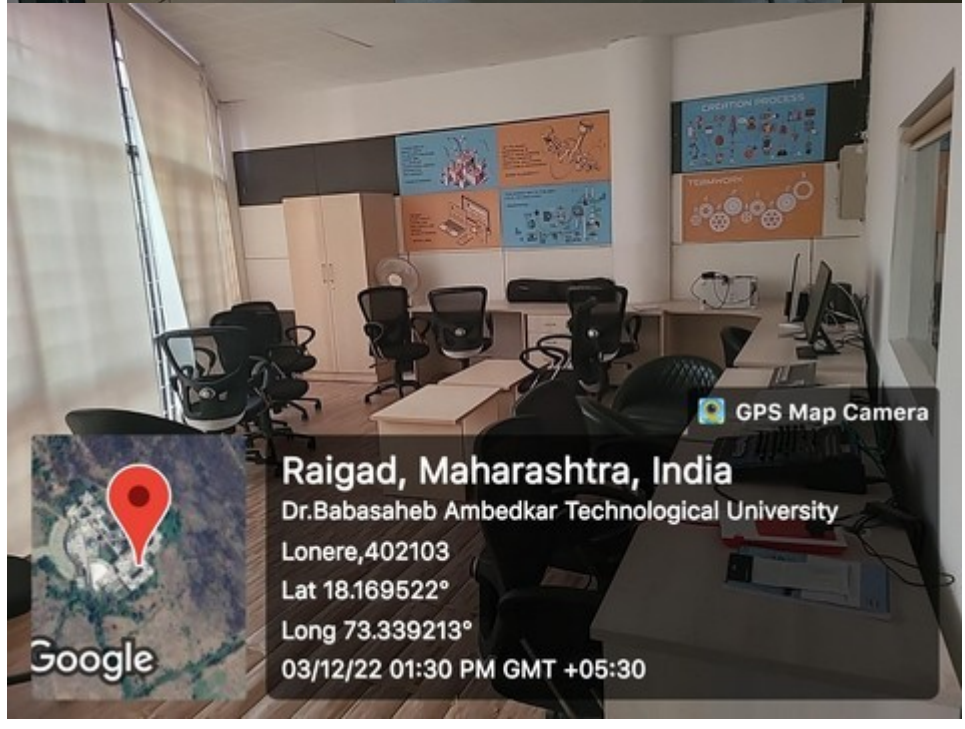
Raigad, Maharashtra, India
Dr.Babasaheb Ambedkar Technological University
Lonere,402103
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Long 73.339213°
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GPS Map Camera



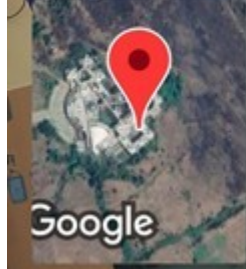
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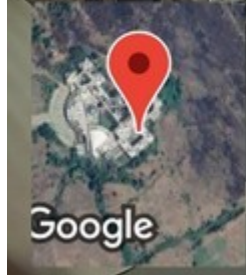
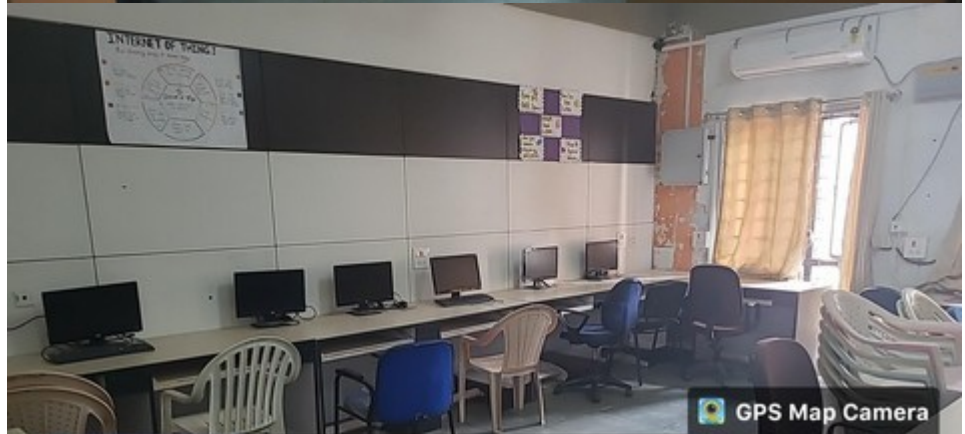
GPS Map Camera



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



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

Smart TV

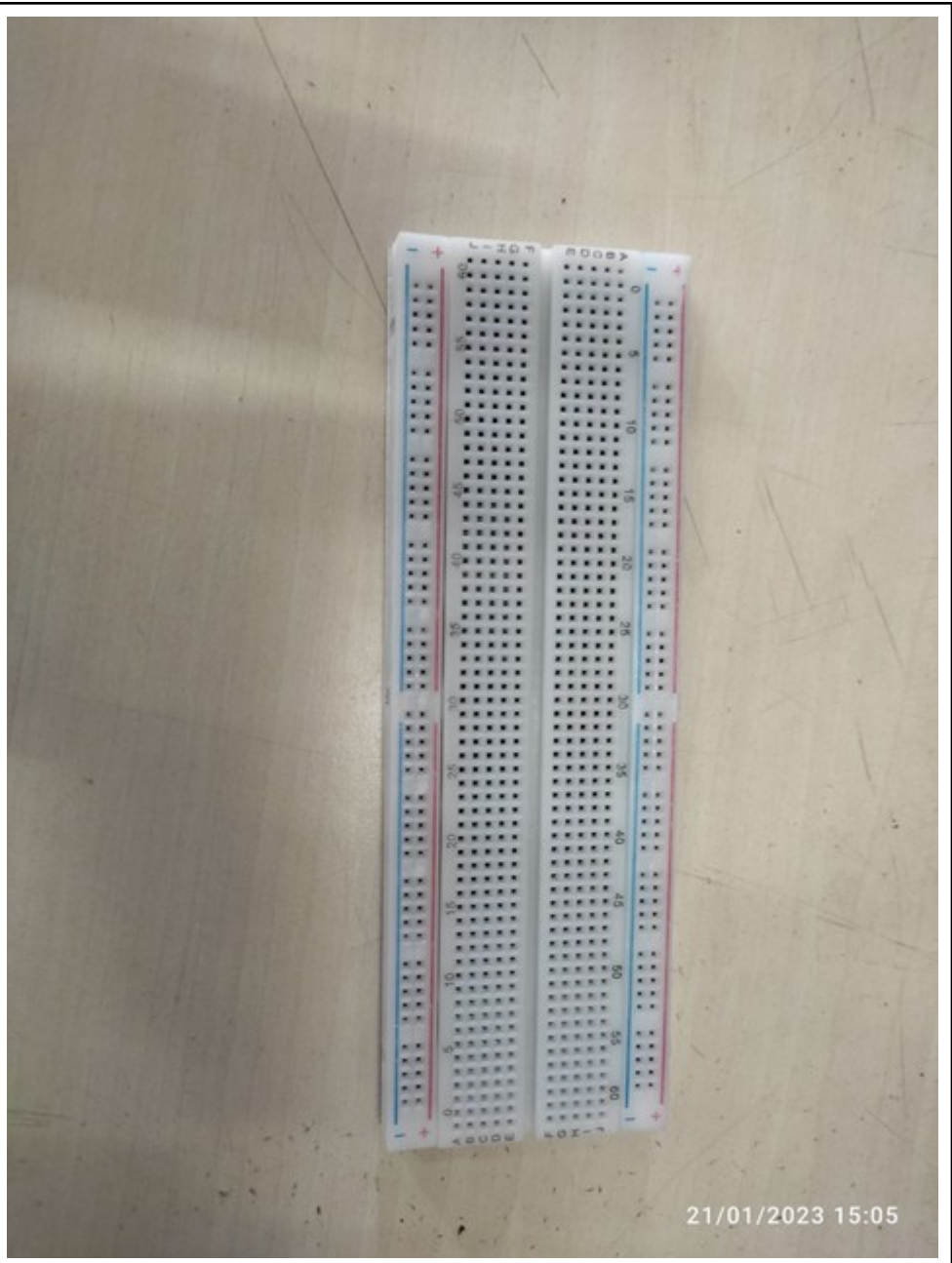


IoT Kits





21/01/2023 15:02



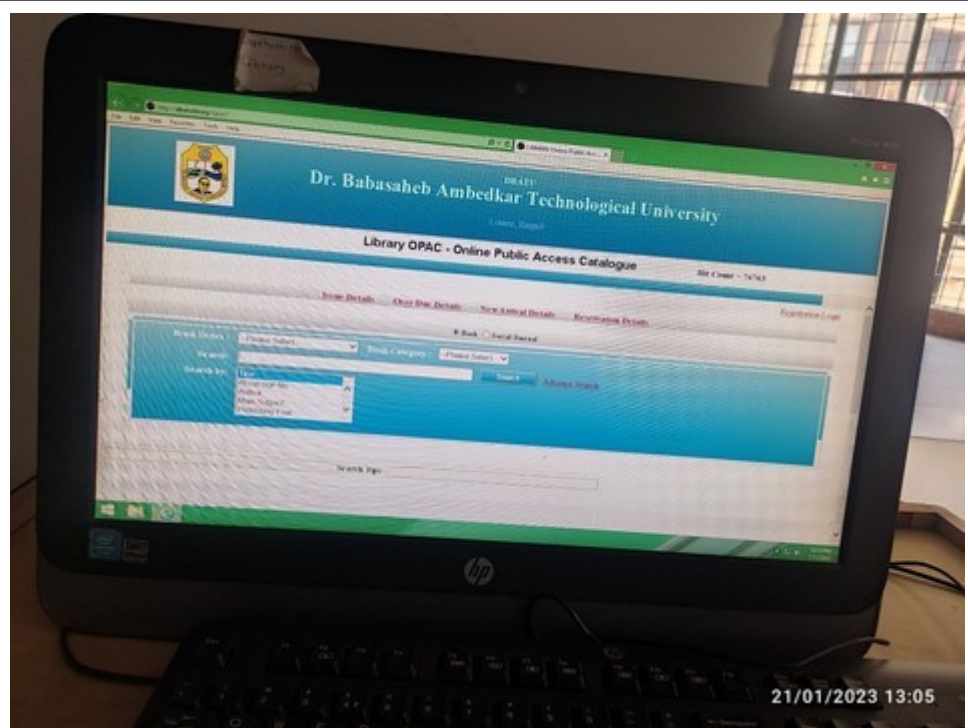
21/01/2023 15:05





21/01/2023 15:04

Digital University Library(since 2009)



Data Science lab pack include statistic (2019-2020)



**Wifi Enabled
Campus**



Digital Board



Camera Stand



● **E-Content Development**

Year	Name Of faculty	Link of E-content
2021-2022	Dr. Pallavi Ingale	https://nptel.ac.in/courses/108106084
	Prof S. G. Dahotre	https://play.google.com/store/apps/details?id=com.primeussystems.seam
		https://play.google.com/store/apps/details?id=com.primeussystems.seam
	Dr. S. N. Jadhav	https://play.google.com/store/apps/details?id=com.primeussystems.seam
		https://play.google.com/store/apps/details?id=com.primeussystems.seam
	Mr. A. S. Wakchaure	https://play.google.com/store/apps/details?id=com.primeussystems.seam
		https://play.google.com/store/apps/details?id=com.primeussystems.seam
	2020-2021	A W Kiwelekar
Harsha R Gaikwad		Economics & Management
M.D. Laddha		https://effectivelearning.gnomio.com/
Dr. S. L. Nalbalwar		https://www.youtube.com/channel/UC8xq1WS1uwHNonIWR1vsyTA/playlists
Dr Pallavi Ingale		https://www.youtube.com/channel/UC9mbh5oq7ci-QapcHcw-rmA/playlists

- **ICT Tools**

1. 2018-2019

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)

2. 2019-2020

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	

2020-2021

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>

Department		ICT TOOL					
Electronics and Telecommunication		Sr.No	Date	Name	Details	Issue Dept	Kitman
		218	18/08/2022	Rajnikant Atkute	web camera-small	Utkarsh	26/8/22
		219	18/08/22	Rajnikant Atkute logitech BCC950 Conference camera	web camera-small	Utkarsh	10/8/22
		220	24/08/22	Pooja Madam	Multimeter - 1	Utkarsh	26/8/22
		221	30/8/22	Sandeep Nawale	Projector, Extension Board	Utkarsh	Pushkar
		222	19/9/2022	K.P. Sontakke	Projector, Extension Board - 1	Utkarsh	Pushkar
		223	21/9/2022	H.D.M. Gabale	A.V. korpe	Utkarsh	26/9/22
		224	27/9/2022	Rupesh Malone	Extension Board	Utkarsh	Pushkar
		225	24/9/22	Snehal Kulkarni	Slate	Utkarsh	Pushkar
		226	31/10/22	Snehal Gairkar	Digital Slate	Utkarsh	Pushkar
		227	3/10/22	J.S. Kulegi	Digital slate	Utkarsh	31/10/22
		228	4/10/22	Dhruv Kulkarni	Extension board	Utkarsh	Pushkar
		229	10/10/22	J.S. Kulegi	Digital slate	Utkarsh	Pushkar
		230	10/10/22	Shreyesh Kherolkar	Projector & Extension Board - 1	Utkarsh	Pushkar
		231	12/10/22	Jyoti Ravi Kalga	Digital slate	Utkarsh	Pushkar
		232	14/10/22	Rajnikant Allante (Pune)	Projector - 1	Utkarsh	Pushkar
		233	18/10/22	Mohini R. Melkar	Digital slate	Utkarsh	19/10/22
		234	25/10/22	Amol K. Batawale	Projector	Utkarsh	26/10/22

ICT tools Entry

Sr.No.	Date	Name	Details	Issued	Recd.	Sr.No.
05	8/07/2022	Prashant Mahajan	Extension, Projector	Sanal		218
06	8/07/2022	Tga, M	Extension, Projector	Sanal		219
27	12/7/22	K. P. Sonbhatke	Projector, Extension Board - 1	Sandeep		220
08	10/7/2022	S. B. Bhatkekar (Metkav madam)	PA System, HPS, Extension Board, CPU, Mouse, key Board	Sandeep		221
09	13/7/2022	Suhag Barhe	UPS - 1 (Conference Hall)	Suhag		223
210	15/7/2022	Rahul R. Rathod	Shouldering gun, glue gun	Sandeep		222
211	19/07/2022	Rajnikant Alkunte (v.c. office)	Web camera - 1 (Valkalwan sir cabin)	Sandeep		224
212	20/7/2022	Dr. Sunil. Wile	Projector	Sandeep		225
213	22/7/2022	Amaya Rande Computer Dept	Glue Gun JAGS 303206	ASRande		226
214	25/7/22	Harsh Jadhav Sport Dept	Shouldering gun 7030858348	Harsh		228
215	04/8/2022	Santosh Marukar	Projector 9420356453 Lokare Gampanchay Extension Board	Sanal		229
216	8/8/22	Jangjay Dhale 7058357849 Pratful Bhagat Sir	Projector and Extension	Jadhav		230
217	10/8/2022	S. V. Sankar	Projector	Sandeep		233

● Google Classroom

Academic Year	Subject	Link of The Classroom
2021-2022	Computer Architecture and Organization (2021 - 22)	https://classroom.google.com/c/NDEyMTQzNzc2ODk4?cjc=m3eiepg
	Computer Programming in c	https://classroom.google.com/c/NDUwNzI5NTM3MzE1?cjc=sl5hfjt
	Computer Programming in c Mechanical	https://classroom.google.com/c/MzczMDYzNzAzOTY2?cjc=a4d2prh
	Digital Image Processing	https://classroom.google.com/c/NDA1MTY5NDYzMzA0?cjc=3zzso2n
	Artificial Intelligence	https://classroom.google.com/c/Mjc1NDc4NDczOTEz?cjc=zu2o33o
	Economics And Management	https://classroom.google.com/c/Mzk4Nzg1OTAzOTgz?cjc=stfbrnd
2020-2021	Operating System	https://classroom.google.com/c/NTAxMjQ2MjYzOTZa?cjc=yf2i3ht
	Economics and Management	https://classroom.google.com/c/NDExMzY0NTI4Mjha?cjc=74llqgs
2019-2020	Software Engineering	https://classroom.google.com/c/NDEyNjI1MDIxNTNa?cjc=w3ryhtr
	Economics and Management	https://classroom.google.com/c/NDExMzY0NTI4Mjha?cjc=74llqgs
	Discrete Mathematics	https://classroom.google.com/u/0/c/MTIzNjAwOTMxNjcx
2018 - 2019	Basic Computer Programming (ICT106 / 206)	https://piazza.com/class/j4tem1sqf22da
	Web Page Design (CE309)	https://piazza.com/class/j6hirl3y6q658k
	Software Architecture	https://piazza.com/class/j4wsvaioj9y5m2
	Python Programming (CS407)	https://piazza.com/class/jc1dlr59gm82xf
2017 - 2018	Basic Computer Programming (ICT106 / 206)	https://piazza.com/class/j4tem1sqf22da
	Web Page Design (CE309)	https://piazza.com/class/j6hirl3y6q658k
	Software Architecture	https://piazza.com/class/j4wsvaioj9y5m2
	Python Programming (CS407)	https://piazza.com/class/jc1dlr59gm82xf

