

2.3.2 Teachers Use ICT enabled tools for effective teaching-learning process

In the contemporary times ICT plays a significant part in the education system. DIET institute uses ICT curriculum and development to resolve the communication and technological differences.

List of ICT tools

1. Projectors
2. Computer & laptops
3. Headsets
4. Printers
5. Scanner
6. Photo Copier Machines
7. CD/ DVD

S. No	Faculty Name	Department	Link
1	D R Ch Nookesh	EEE	https://youtu.be/7boBzn8OIkq
2	Dr.A.S.L.K.GO PALAMMA	EEE	https://classroom.google.com/c/NDc4MTc5MDY1MjAz?cjc=yqqnrbg
3	O.L.Bhavana	EEE	https://youtu.be/sg02GN0GWJw , https://youtu.be/adADhSfZhrM
4	Ch Lakshmi Prasanna	EEE	https://youtu.be/modR25YeQCM
			https://youtu.be/HqRFPQv4tmk
			https://youtu.be/s7iIVj16fVc
5	K Alfoni Jose	EEE	https://youtu.be/k-fxLQOOQqo
			https://youtu.be/JtvZcODIYNE
			https://youtu.be/BWfc9eQ8ySk
			https://youtu.be/1uNtNytCgRY
			https://youtu.be/4NCwaS3rqbE
6	A KRISHNA NAG	EEE	https://drive.google.com/open?id=1T06T4E5KuQOFBgnzbAgIRGAoc-hxV3ES&authuser=0
https://drive.google.com/open?id=1keCQk9oCSMKSU2CU1nuBNdsDbPdeZzFD&authuser=0			
https://drive.google.com/open?id=15p5Y-kPuBDvUgakZzf5aIJZRB7sLzRR-&authuser=0			
https://drive.google.com/open?id=1onzj8mwJwTqa5ccIK3NYYsPw3yOKyZdu&authuser=0			
7	T Ramesh Babu	EEE	https://youtu.be/6j0QqBJvw1w
8	P.Sravana	EEE	https://youtu.be/lKYbBTauqAs

	Lakshmi		
9	K Srinivasa Rao	EEE	https://classroom.google.com/c/MzkyOTI5MzM2MDg2/m/NDg0NDQ5NzI1MzA4/details
10	J Deleep Kumar	EEE	https://drive.google.com/file/d/160nAzwuXKYQ3gJেকেAvhMvi27iGX0vph/view?usp=sharing
11	B V Siva Prasad	EEE	https://drive.google.com/file/d/1zC5KSrKSlx2aZ2A14z-N1Ykk0K09xdDi/view?usp=drivesdk
			https://drive.google.com/file/d/1zGbQo4_DeA7BIXD1o5yyFyAmwWD6GmG2/view?usp=drivesdk
12	P Raghavendra Rao	EEE	https://www.youtube.com/watch?v=lHEUe9nOF1w
			https://www.youtube.com/watch?v=Zrv18K_H0Rg
13	K Vijay Kumar	EEE	https://drive.google.com/file/d/1K6PxWTWm7Yadr30Lg3che4FPL7KyTw8L/view?usp=sharing
			https://drive.google.com/file/d/1razQP8UZmkMXtStQindgOiV2P0r4JyYB/view?usp=sharing
14	G Jagadeesh	EEE	https://drive.google.com/file/d/1hyEOpgtvhdUkrMc0Dt4SWhbkPypl6vo8/view?usp=sharing
15	B.Ramya	CIVIL	https://drive.google.com/file/d/1Ha3InzSrYgGWv9BexyC2HRAIggi15xUk/view?usp=sharing_eil_dm&
16	B.Sudheer Kumar	CIVIL	https://drive.google.com/file/d/1yt7S3IS5yNQPIMzypiKM2le6je8iEWXL/view?usp=sharing
17	M.Kedhareswari	CIVIL	https://drive.google.com/file/d/1NggwCLeQCMHagsfOAU-73yB5PJ_X1M7l/view?usp=sharing_eil_dm&
18	S.Naveen Kumar	CIVIL	https://drive.google.com/file/d/1EfkgDMcSAFwkf71uwIdtWhOEY7qzSwcD/view?usp=sharing_eil_dm&
19	P.L.Narayana	CIVIL	https://doc-0s-14-docs.googleusercontent.com/docs/securesc/kmbpgah5rqp6t7bam9c90o4bmd21ih23/
20	Mrs.K.Manoharini	CIVIL	https://drive.google.com/file/d/17rwx3w7yLpNMrPolqoV_2INgHNmwgcTZ/view?ts=62550126
21	Mr.K.Appala Naidu	CIVIL	https://youtu.be/PLMb6UuJvvU
22	Dr.L.Prasanna Kumar	CSE	https://www.youtube.com/watch?v=UwdjFLYnLy8
23	Dr.L.Prasanna Kumar	CSE	https://www.youtube.com/watch?v=V8XI2vYWoeA&t=118s
24	Dr.L.Prasanna Kumar	CSE	https://www.youtube.com/watch?v=FtBds6LQEGc&t=714s
25	Dr.L.Prasanna Kumar	CSE	https://www.youtube.com/watch?v=rRFj7MBX920&t=3300s
26	Dr. K. Sujatha	CSE	https://youtu.be/Gj2SSiNNKPQ
27	Mrs.A.Kamala Priya	CSE	https://drive.google.com/file/d/1QXgy9IEVr3ChxLwirsjuvfFbDXDugYbx/view?usp=sharing

28	Mrs.A.Kamala Priya	CSE	https://drive.google.com/file/d/1Z4kZUis4oEYA_xxFNI9mb-IF7U8pxOgs/view?usp=sharing
29	Mrs.V.Manasa	CSE	https://drive.google.com/file/d/1IIXdGKpyEYAVpxMW_OpozePxc1nKY_i8/view?usp=sharing
30	Mrs.V.Manasa	CSE	https://drive.google.com/file/d/1NKgsE6vRm_xvsKvQgWPY4EqJCRtrCQpf/view?usp=sharing
31	Mrs.K.Komali	CSE	https://youtu.be/ot7P_bF9WZY
32	Mrs. G. Sunanda	CSE	https://youtu.be/Suj8LYAh4mk
33	Mrs. P.Sowjanya	CSE	https://youtu.be/H70A9QH3SZ4
34	Mrs. R. Swapna	CSE	https://youtu.be/uv1GyW_I0jI
35	Mr. Ch. Dinesh	CSE	https://youtu.be/ot7P_bF9WZ
36	Mrs D.L.Mythri	ECE	Video on Applications of Radar- https://drive.google.com/file/d/1JpGrwkByBdGvM45d321WPeYVEmMO6zQ/view?usp=sharing
37	Dr.P.Poorna Priya	ECE	Video on Continuous Wave Radar- https://drive.google.com/file/d/1CIsZaDGr4bemGlzjPxx7lEPPCvV83Y0L/view?usp=sharing
			https://classroom.google.com/u/1/c/MzI3OTYyMjlxMjU2
			https://classroom.google.com/u/2/c/Mzk0NTE2OTU1NjMw
38		ECE	https://drive.google.com/file/d/1INZSIDV8kSmK_ik5H8bCJOubYVwaonu/view?usp=sharing
39	Mrs.B.T.Archana	ECE	https://drive.google.com/file/d/13fUUohP8EtRK9fkfwMU1lk-R5fZXG_HV/view?usp=sharing
40		ECE	https://drive.google.com/drive/folders/1zknAKQPS75GqhudeOGnMLAUVfbBcuQdO?usp=sharing
41	Ms.Sk.Shabeena	ECE	https://drive.google.com/file/d/1RrUpe8vy1o3Q9f0wvvh6LUmFw5edbsHm/view?usp=sharing
42		ECE	https://drive.google.com/file/d/1RrUpe8vy1o3Q9f0wvvh6LUmFw5edbsHm/view?usp=sharing
43	Mr.M.Kishore Kumar	ECE	https://youtu.be/ojP0xs1WWBk
44		ECE	https://youtube.com/watch?v=ojP0xs1WWBk&feature=share
	Mrs.P.Amrutha	ECE	https://classroom.google.com/c/Mzk0NTIwMjI0MzQw?cjc=67xnkcg
			https://classroom.google.com/c/MzI1NzIzMDMxOTc0?cjc=kpd7bfk
			https://classroom.google.com/c/MTIzNTg4NzU2ODMz?cjc=565r4hc
45			https://drive.google.com/file/d/1WPF5Cw1waxjxIWBk7_hQRbZyvtQ_cBO/view?usp=sharing
46	Mr.K.S.N.V Someswara Rao	ECE	https://youtube.com/channel/UCwAp3d3k3imnYTLZeTc14A
47	Mr.S.Veerraju	ECE	https://youtu.be/0K0o1p8XefE
48	Mr.A.V.S.Deepak	ECE	https://youtube.com/playlist?list=PLnE0uNrKkGwiOkZwY0gWFquAVaMxOPBT

49	P.Narendra Reddy	ECE	https://drive.google.com/file/d/1EuE2IaE2IBSt9fdjgynFqYuAhM5Op3Ba/view?usp=sharing
50	Mr.R.Suneel	ECE	https://meet.google.com/lookup/c7rcbqvaid https://classroom.google.com/u/2/c/Mjg5MDc1MDAyNjY4
51	Dr.Kausar Jahan	ECE	https://classroom.google.com/u/1/c/NDc2NTg5Nzk2MDkx
52	Mrs.D.L.Mythri	ECE	https://classroom.google.com/u/0/c/Mzg4NTEwMzY2OTYx
53	Ms.Sk.Shabeena	ECE	https://classroom.google.com/c/MTI2NDE2MDU2ODly?cjc=meigrxf
54	Dr J. Babu	ECE	https://classroom.google.com/u/1/c/NDc4NDU4NzMwMjgy
			https://classroom.google.com/u/1/c/NDc4NDU4NzMwMjgy
			Subject: Structural Analysis
			https://classroom.google.com/u/0/w/MTQyOTU1Mjg4ODI3/tc/Mzk0NzExNTQwNTMx
			Subject: Geotechnical Engineering
			https://classroom.google.com/u/0/w/MTQyOTU1Mjg4ODI3/t/all
			Subject: Solid and Hazardous waste management
			https://classroom.google.com/u/0/w/MTE0NTk2MTkyNzQ1/tc/NDcwMTMwNDEyMjMz
			Subject: Environmental Impact Assessment & Management
			https://classroom.google.com/u/0/w/MTE0NTk2MTkyNzQ1/tc/NDE4OTk1MDY5NjQ4
			Subject: Geotechnical Engineering-II
			https://classroom.google.com/u/0/w/MTE0NTk2MTkyNzQ1/tc/MzgzMzM3NzkxNjA5
			Subject: Structural Analysis-II
			https://classroom.google.com/u/0/w/MTE0NTk2MTkyNzQ1/tc/MTC2MDcwNTU4Njcz
			Subject: Building Materials & Construction
			https://classroom.google.com/u/0/w/MjkzNDg5OTcyNjYy/tc/MzcvMzc4NzY0MTA1
			Subject: Engineering Geology
https://classroom.google.com/u/0/w/MjkzNDg5OTcyNjYy/tc/Mzc0MTA1MDAwMjI2			
Subject: Fluid Mechanics			
https://classroom.google.com/u/0/w/MjkzNDg5OTcyNjYy/tc/NDEwNzcwMTMxMjM5			
Subject: Repair & Rehabilitation of Buildings			
https://classroom.google.com/u/0/w/MTQyOTU1Mjg4ODI3/tc/Mzk0Mjg4MjM5MDQw			
Subject: Project Management			

ICT Tools reports

1. Projectors:

Projectors are made available in the class rooms, seminar halls and labs for effective teaching of the subjects. They are used for seminars and presentations by the students and also for technical events during FDPs, workshops, guest lectures, etc.



Usage of ICT Tools



2. Computers and Laptops:

Computers and laptops are available for the students in labs and R & D centre for conducting experiments, online course learnings, virtual conferences, seminars, etc. Each department and HOD cabins are equipped with computers for easy flow of work and knowledge gaining. The Institute also has an e-library with access to several journals for knowledge gaining.



3. Headsets:

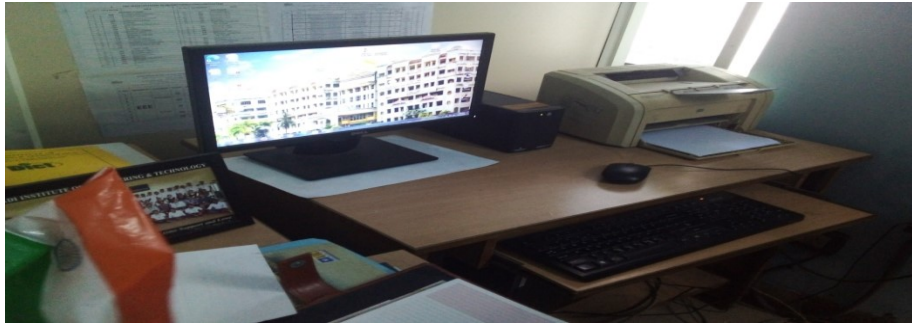
Headsets are provided in e-library and English labs for noise free rooms and easy access of knowledge.



4. Printers:

Printers are provided with all the departments and HOD cabins for easy filing of the documents and project related works. Printer is also available in e-library for the

requirements of the students. High resolution printers are provided in the exam cell for the exam related purposes.



5. Scanners:



Scanners are provided in HOD cabins for easy filing of the documents and project related works. Scanners are also available in library for the requirements of the students. High resolution printers are provided in the exam cell for the exam related purposes.

6. Photocopier machines:



High resolution photocopier machines are available in the central library, admin office and exam cell for easy filing of documents and student usage purposes.

7. CD/DVD:

CDs and DVDs are being maintained for the project reports submitted by the UG and PG students. The software's of all the labs are maintained for the use of students.

ICT Usage by faculty

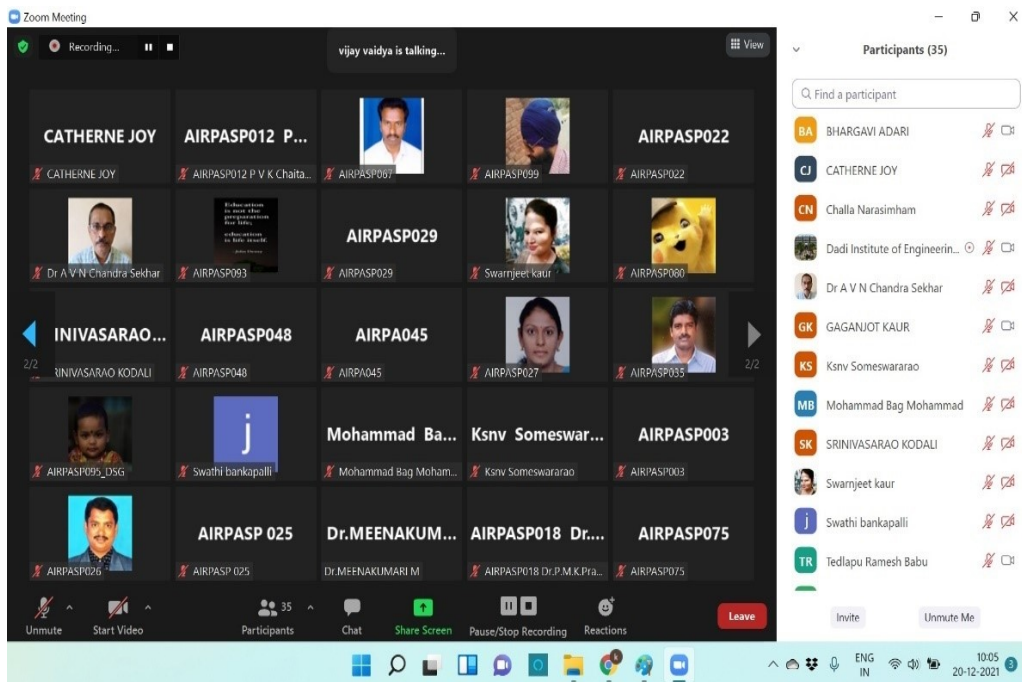
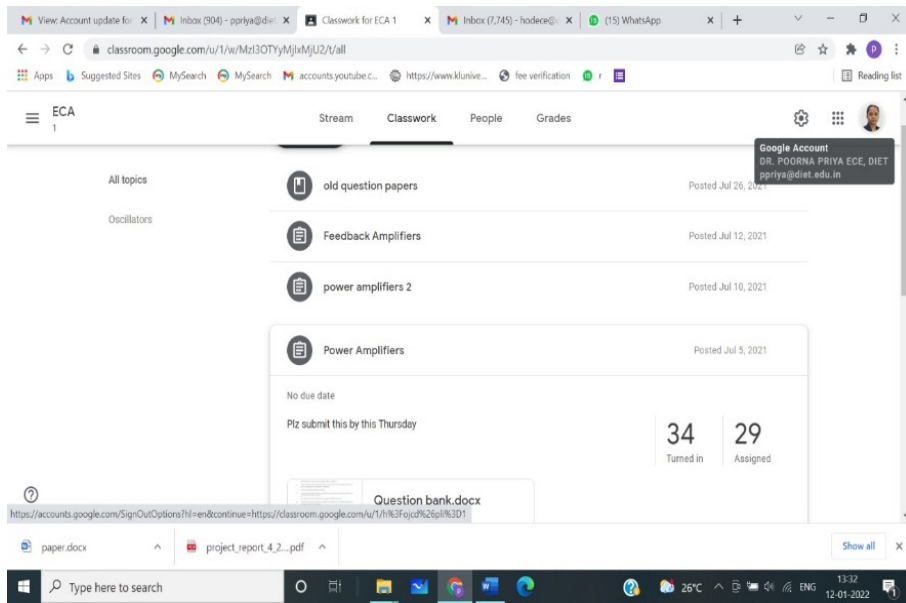
1. PowerPoint presentations:

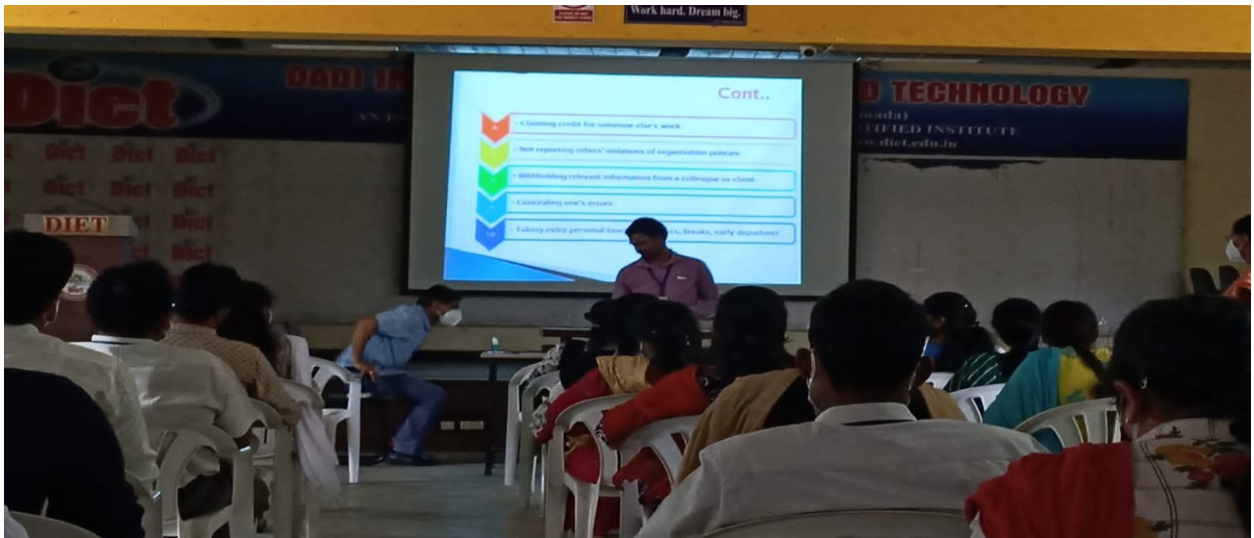
Faculty are using PPTs for effective understanding of subject and creating interest upon the subject to the students. As a part of virtual class/online teaching, PPTs are most helpful.



1. Online classes through zoom, google classroom and google meet

The institute has purchased zoom access for conducting online classes, FDPs, virtual conferences, workshops etc. The google classroom app is used for easy communication of faculty with students and sharing of knowledge and material with the students.





Students using Projector to give seminars



STUDENTS USING LAPTOPS IN THE COMPUTER LAB



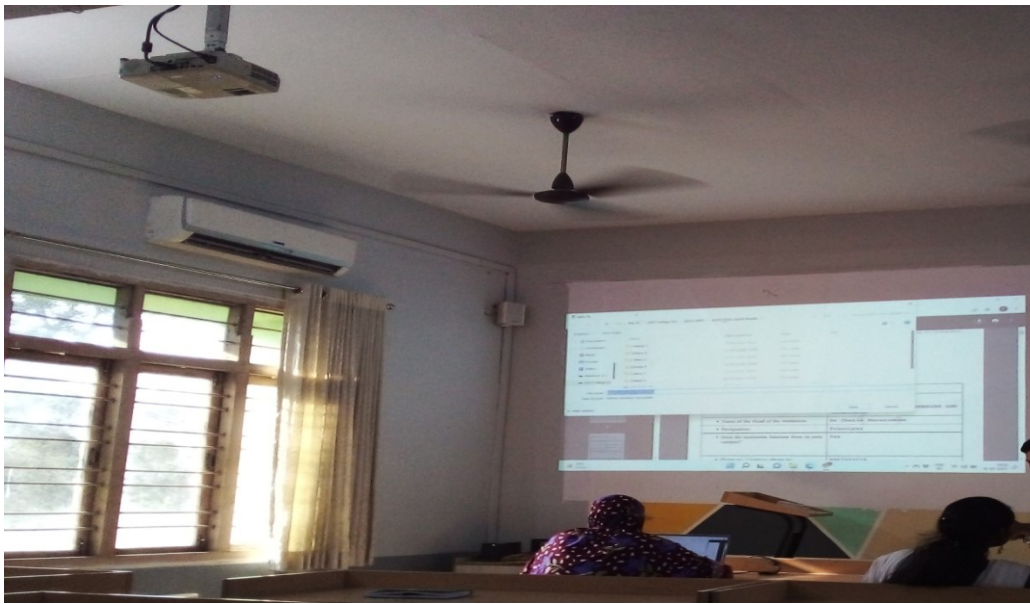
Presentation in seminar hall 2



Presentation in seminar hall 1



Presentation in computer lab 1



Presentation in E lecture hall 1



Presentation in E lecture hall 2



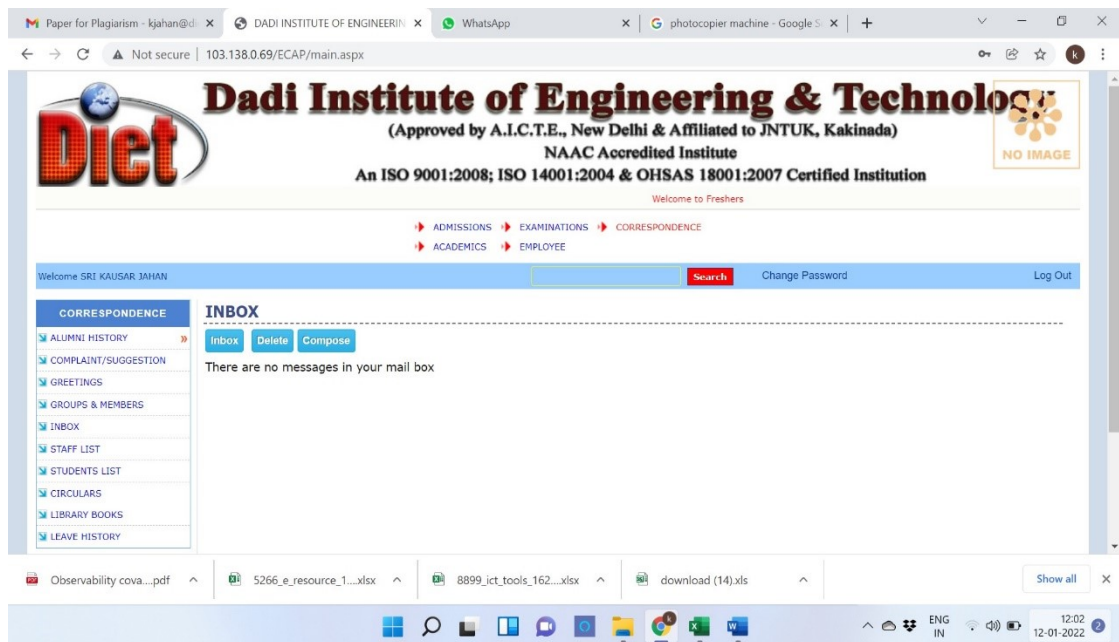


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Presentation in computer lab 3

Ecap:

Ecap application is used by the institute to make the data available to all the students as well as all the faculty. All the students and faculty are involved in all the activities of the institute through the ECAP app.



Video lectures:

The faculty are using video lectures for teaching. Lectures are recorded to video, audio or both, then uploaded and made viewable on a designated site. Studies have shown that students improve significantly in courses with online archived lectures, especially international students.

Links for video lectures

<https://www.youtube.com/watch?v=V8XI2vYWoeA>



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The screenshot shows a web browser window with multiple tabs. The active tab is a YouTube video titled "01. Python - Introduction by Prasanna Kumar Lakineni". The video player shows the Dadi Institute of Engineering & Technology logo and the video title. Below the video, the channel name "Dadi Institute of Engineering & Technology - DIET" is visible with 545 subscribers and a "SUBSCRIBED" button. The video has 333 views and was uploaded on Jul 12, 2020. The right sidebar shows search results for "Python", including videos like "ESD, IoT and PCB Design...", "InfyTQ Python MCOS (Self...", and "InfyTQ Python MCOS part-3...".

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