

2.3.2 Teachers use ICT enabled tools for effective teaching and learning processes

The Oxford College of Engineering, being a technical Campus, inspires intensive use of ICT enabled tools including online resources for effective teaching and learning process.

ICT Tools:

1. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins all over the campus.
2. Printers- Installed at Labs, HOD Cabins and all prominent places.
3. Photocopier machines - Multifunction printers are available and four photostat machines available incampus.
4. Scanners- Multifunction printers are available at all prominent places.
5. Seminar Rooms- Three seminar halls are equipped with all digital facilities.
6. Auditorium- It is digitally equipped with mike, projector, cameras and computer system.
7. Online Classes through Zoom, Google Meet, Microsoft Team, GoogleClassroom)
8. MOOC Platform (NPTEL, Coursera, SAP, Udemy, Edx etc)
9. Digital Library resources (DEL NET, MYLOFT etc)

Use of ICT by Faculty members:

- A. PowerPoint presentations-Faculties are encouraged to use power-point presentations in their teaching by using LCD's and projectors.
- B. Industry Connect- Seminar and Conference room are digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students.
- C. Online quiz- Faculties prepare online quiz for students after the completion of each unit with the help of GOOGLE FORMS.
- D. Video Conferencing- Students are counseled with the help of Zoom / Google meet applications.

List of teachers using ICT enabled tools (including LMS)

Department of Bio Technology

Dept.	Number of teachers using ICT (LMS,e-Resources)	Number of teachers on roll	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
Bio-technology	9	9	Google Forms, Google Classroom Quiz. Projectors, Speakers	1	1	NPTEL Lectures
						Video Presentation in recent topics
						E Journals (Taylor & Francis E-Journals Directory of Open Access Journals Springer E-Journals Indian Academy of Sciences (IAS) IEEE-IEL Public Library of Science (PLoS) Elsevier/Science Direct Indian National Science Academy ASCE Slide Share PPT

Dept.	Name of Teacher	Name of the faculty related to link of LMS	Link for Webpage LMS (Learning Management System), LMS(NPTEL,PPTs Videos, etc)
Bio-technology	Dr. B.K.Manjunath	Dr. B.K.Manjunath	https://classroom.google.com/c/MTU5NzEwMjk2ODI5
			https://classroom.google.com/c/NDI1NTI1NDMxMDQw https://classroom.google.com/c/NTUwNDQ3MTU5NzRa
	Dr.Valarmathy .K.	Dr.Valarmathy .K.	https://classroom.google.com/c/MTU5NzEwMjk2ODI5
			https://classroom.google.com/c/NDI1NTI1NDMxMDQw https://classroom.google.com/c/NTUwNDQ3MTU5NzRa https://classroom.google.com/c/MTU5NzEwMjk2ODI5
Ms.Salma Kausar.M.	Ms.Salma Kausar.M.	https://www.slideshare.net/salmakausar/edit_my_uploads	

Department of Civil Engineering

Dept.	Number of teachers using ICT (LMS,e-Resources)	Number of teachers on roll	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
CIVIL	11	11	Google Forms, Dept Blog, Google Quiz. Projectors,	01	01	NPTEL Lectures Video Presentation in recent topics E Journals (Taylor & Francis E-Journals Directory of Open

			Speakers			Access Journals Springer E-Journals Elsevier/Science Direct Indian National Science Academy ASCE Web of science
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ICT Sample Staff using link (NPTEL, PPTs, Videos. Etc)		
Dept.	Name of faculty	Link for Webpage LMS (Learning Management System)
CIVIL ENGG	Dr.Malleshala h.T.S	https://www.slideshare.net/8141876727/elements-of-civil-engineering-chapter-1 , https://www.slideshare.net/Exclusiv-A/quantity-surveying-45979437
		https://youtu.be/whB7IX3NQpg .
		https://youtu.be/ofkpm4lhJcg
	Shivanand.C. G	https://onlinecourses.nptel.ac.in/noc21_ce40/course
		https://onlinecourses.nptel.ac.in/noc22_ce20/course
		https://teams.microsoft.com/l/channel/19%3aaf3c458be24c4e6f94a8401f9770e301%40thread.tacv2/General?groupId=8b94547c-f910-416a-8fa5-8a9c9acbfcb&tenantId=17712ef8-7969-4f3b-973d-754e65ccee50
		https://teams.microsoft.com/l/channel/19%3ac1f534509b8f40709d1a65dd4cb3c9ab%40thread.tacv2/General?groupId=cad3fed1-bd9e-4646-a2be-491c1e764069&tenantId=17712ef8-7969-4f3b-973d-754e65ccee50
		https://teams.microsoft.com/l/channel/19%3a06949a5ba7464a17a2d6aff996d084fb%40thread.tacv2/General?groupId=d9d7db9a-e2a5-41a5-a5b3-7fb780bb1fb2&tenantId=17712ef8-7969-4f3b-973d-754e65ccee50
		https://onlinecourses.nptel.ac.in/noc21_ce42/course
Prakash N	https://teams.microsoft.com/l/meetup-join/19%3a3e13a30f806147308705fa22e902514f%40thread.tacv2/16058	

		52466316?context=%7b%22Tid%22%3a%2217712ef8-7969-4f3b-973d-754e65ccee50%22%2c%22Oid%22%3a%225a49073f-2c91-48cc-ab95-d64087b238ef%22%7d
		https://teams.microsoft.com/l/meetup-join/19%3a1ab7e4d504c14b24a76f52ecd32886d2%40thread.tacv2/1621654046328?context=%7b%22Tid%22%3a%2217712ef8-7969-4f3b-973d-754e65ccee50%22%2c%22Oid%22%3a%225a49073f-2c91-48cc-ab95-d64087b238ef%22%7d
		https://www.slideshare.net/manitagarwal/construction-planning-management
		https://youtu.be/HFJXxSjB9sI
		https://www.youtube.com/watch?v=cIVwKynHpB0
		https://teams.microsoft.com/l/meetup-join/19%3a693b7b6146044c02abfe0e4b476ab1d6%40thread.tacv2/1618892870164?context=%7b%22Tid%22%3a%2217712ef8-7969-4f3b-973d-754e65ccee50%22%2c%22Oid%22%3a%221e3f70f0-63e0-45f6-82c7-d2a47b358524%22%7d
		https://www.youtube.com/watch?v=9OLyIDkatMc
		https://swayam.gov.in/explorer?searchText=hydrology
	Kavya S Kallimani	https://teams.microsoft.com/l/meetup-join/19%3a9632fc9251bc4808a96d90b129068be4%40thread.tacv2/1620576508262?context=%7b%22Tid%22%3a%2217712ef8-7969-4f3b-973d-754e65ccee50%22%2c%22Oid%22%3a%2208b88092-cd8f-4a79-bb82-6ecdf1b71748%22%7d
		https://youtu.be/5dukz1UOtkA , https://youtu.be/zVZ9c6EXfTA , https://youtu.be/zVZ9c6EXfTA
		https://onlinecourses.nptel.ac.in/noc22_ce22/unit?unit=17&lesson=20
		https://www.slideshare.net/MarcoHenry/municipal-wastewater-treatment
	Prashanth	https://youtu.be/Lng0hVDvsu0

Hathwar T S	https://www.slideshare.net/stemafterschoolprogram/geotechnical-engineering-26946278
	https://oxfordadmin.sharepoint.com/:f/s/18CV54/EmkoIIfhJ-1Hq8WwqSXZYjYB88oVAkq3yLakkWMFf6C2Tg?e=tujxvM
	https://nptel.ac.in/courses/105/101/105101087/
	https://nptel.ac.in/courses/105/101/105101087/
Akshatha K B	https://teams.microsoft.com/l/meetup-join/19%3ameeting_NGEwNWFhNzAtMWNIZC00YzJILWJIZDMtMWIzNzg0MTY5YzZI%40thread.v2/0?context=%7b%22Tid%22%3a%2217712ef8-7969-4f3b-973d-754e65ccee50%22%2c%22Oid%22%3a%228ba8cbd1-099f-4d8f-b1b6-3993c99a4fb8%22%7d
	https://onlinecourses.nptel.ac.in/noc22_ce40/preview
	https://www.slideshare.net/darshilvekaria2/total-station-digital-self-leveling-levels
	https://youtu.be/1TdkNBw42fw
Ms. Gayathri R	https://teams.microsoft.com/l/meetup-join/19%3ameeting_NmE5NjM3ZGEtMDA5Zi00NWU0LWFhOWUtMzNhYWExNjg2Mzdi%40thread.v2/0?context=%7b%22Tid%22%3a%2217712ef8-7969-4f3b-973d-754e65ccee50%22%2c%22Oid%22%3a%223736cccc-a7bc-42ae-8feb-83df6ecbe41a%22%7d
	https://youtu.be/NA3PMfaGspo
	https://drive.google.com/file/d/174dIUAFsvQinTql1L4GXcDAIamFBCXpP/view?usp=sharing

Department of Electrical and electronics Engineering

Dept.	Number of teachers using ICT (LMS,e-Resources)	Number of teachers on roll	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
EEE	13	13	Google Forms, Google Quiz & Teams One drive	1	1	NPTEL Lectures
						Video Presentation in recent topics
						You tube Links

Dept.	Name of teacher	Name of the faculty related to link of LMS	Link for Webpage LMS (Learning Management System) , LMS(NPTEL,PPTs Videos, etc)
EEE	Dr.Bharath V S	Dr.S.N.Singa	https://nptel.ac.in/courses/108/104/108104052/
		Prof.Bhaveshkumar	https://nptel.ac.in/courses/108/107/108107167/
	Dr.B.Devi Vighneshwari	Prof.A H Sinha Dr.Santhanu	https://nptel.ac.in/courses/108/105/108105067/# https://nptel.ac.in/courses/108/105/108105102/
Dr.Somewari. T	Prof.Dutta Roy	https://nptel.ac.in/courses/117/102/117102060/	

Prof.Sandhya Rai	Prof.Debapriya Das Prof.Dutta Roy Prof. Nagendra Krishnapura Prof.Debapriya Das Prof. Tapas Kumar	https://onlinecourses.nptel.ac.in/noc19_ee35/preview https://nptel.ac.in/courses/108/102/108102042/ https://nptel.ac.in/courses/117/106/117106108/ https://nptel.ac.in/courses/108/105/108105112/ https://nptel.ac.in/courses/108/105/108105131/
Prof.Jayakumar N	Prof.A.K Pradhan Prof. N.P Padhy Prof.Praveen Kumar	https://nptel.ac.in/courses/108/105/108105167/ https://nptel.ac.in/courses/108/107/108107113/ https://nptel.ac.in/courses/108/103/108103009/
Prof.Nisha C Rani	Prof.Dutta Roy Prof. Nagendra Krishnapura Prof.Debapriya Das	https://nptel.ac.in/courses/108/102/108102042/ https://nptel.ac.in/courses/117/106/117106108/ https://nptel.ac.in/courses/108/105/108105112/
Prof. Raichel Ruby	Prof.Vikram	https://nptel.ac.in/courses/108/101/108101174/
Prof. Sumitha TL	Prof. Ravikumar Prof.Dipankar	https://nptel.ac.in/courses/108/102/108102047/ https://nptel.ac.in/courses/112/107/112107291/
Prof.Resna S R	Prof. Avishek Chatterjee Prof. Tapas Kumar	https://nptel.ac.in/courses/108/105/108105153/ https://nptel.ac.in/courses/108/105/108105155/
Prof. Prkruthi P	Prof.Bhuvaneshwari	https://onlinecourses.nptel.ac.in/noc21_ee24/preview
Prof.Anoop H K	Prof.C.Bhaktavatsal Prof.Pradip	https://nptel.ac.in/courses/110/106/110106141/ https://nptel.ac.in/courses/108/105/108105158/
Prof. Manjushree J	Prof.Harishankar Prof.Vinodh John	https://nptel.ac.in/courses/108/106/108106073/ https://nptel.ac.in/courses/108/108/108108034/

	Prof. Poornima	Prof. Sankar Ram	https://nptel.ac.in/courses/107/106/107106081/
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