

**PRIYADARSHINI INDIRA GANDHI COLLEGE OF ENGINEERING, NAGPUR**

**2.3.2 ICT USAGE**

**Department of Computer Science & Engineering**

<b>S. No</b>	<b>Name of Faculty</b>	<b>Subject</b>	<b>ICT Tool</b>	<b>Link/URL</b>
1	Mrs.B.P.Dharaskar	Ethics in IT	Youtube	1. <a href="https://www.youtube.com/playlist?list=PLXcPnJsWbdxujUIptbSdeJXC0Jd-InxFG">https://www.youtube.com/playlist?list=PLXcPnJsWbdxujUIptbSdeJXC0Jd-InxFG</a> 2. <a href="https://www.youtube.com/watch?v=rNiNb9rfC64">https://www.youtube.com/watch?v=rNiNb9rfC64</a>
		Digital Forensic	Youtube	1. <a href="https://www.youtube.com/watch?v=ZUqzcQc_syE">https://www.youtube.com/watch?v=ZUqzcQc_syE</a> 2. <a href="https://www.youtube.com/watch?v=HKzcQD8KbtE">https://www.youtube.com/watch?v=HKzcQD8KbtE</a> 3. <a href="https://www.youtube.com/watch?v=0ZuHsXwouxo">https://www.youtube.com/watch?v=0ZuHsXwouxo</a>
		Artificial Intelligence	Youtube	1. <a href="https://www.youtube.com/playlist?list=PL51AF727960C54A87">https://www.youtube.com/playlist?list=PL51AF727960C54A87</a> 2. <a href="https://www.youtube.com/watch?v=XCPZBD9lbVo">https://www.youtube.com/watch?v=XCPZBD9lbVo</a> 3. <a href="https://www.youtube.com/watch?v=9rKwn3dI97M">https://www.youtube.com/watch?v=9rKwn3dI97M</a>
2	Dr.N.M.Shelke	Database Management System	Youtube	1. <a href="https://onlinecourses.nptel.ac.in/noc18_cs15/preview">https://onlinecourses.nptel.ac.in/noc18_cs15/preview</a> 2. <a href="https://nptel.ac.in/courses/106104135/">https://nptel.ac.in/courses/106104135/</a>
		Design Patterns	Youtube	1. <a href="http://www.nptelvideos.com/video.php?id=916">http://www.nptelvideos.com/video.php?id=916</a> 2. <a href="https://nptel.ac.in/noc/individual_course.php?id=noc16-cs17">https://nptel.ac.in/noc/individual_course.php?id=noc16-cs17</a>
		Big Data Analysis & Business Intelligence	Youtube	1. <a href="https://nptelvideos.com/lecture.php?id=6519">https://nptelvideos.com/lecture.php?id=6519</a> 2. <a href="https://www.cse.iitm.ac.in/~ravi/courses/Introduction%20to%20Data%20Analytics.html">https://www.cse.iitm.ac.in/~ravi/courses/Introduction%20to%20Data%20Analytics.html</a>
3	Mrs.S.R.Dhabarde	Object Oriented Programming	Youtube	1. <a href="https://www.youtube.com/watch?v=0jpOwe4d-FE&amp;index=17&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY">https://www.youtube.com/watch?v=0jpOwe4d-FE&amp;index=17&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY</a> 2. <a href="https://www.youtube.com/watch?v=urux5ZxeO3k&amp;index=21&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY">https://www.youtube.com/watch?v=urux5ZxeO3k&amp;index=21&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY</a>
		Software Engineering & Project Managment	Youtube	1. <a href="https://www.youtube.com/watch?v=Z6f9ckEElsU&amp;list=PL0eXJqlwBJ19L1gIo_94r93vvrphmcz8f">https://www.youtube.com/watch?v=Z6f9ckEElsU&amp;list=PL0eXJqlwBJ19L1gIo_94r93vvrphmcz8f</a> 2. <a href="https://www.youtube.com/watch?v=B_yYAbQVitQ&amp;list=PL0eXJqlwBJ19L1gIo_94r93vvrphmcz8f&amp;index=19">https://www.youtube.com/watch?v=B_yYAbQVitQ&amp;list=PL0eXJqlwBJ19L1gIo_94r93vvrphmcz8f&amp;index=19</a>

		Mainframe Technologies	Youtube	<p>1.<a href="https://www.youtube.com/watch?v=xXtsoV11Tow&amp;index=3&amp;list=PLWPirh4EWFpGVCiWT0mVjK8exoq78LmkD">https://www.youtube.com/watch?v=xXtsoV11Tow&amp;index=3&amp;list=PLWPirh4EWFpGVCiWT0mVjK8exoq78LmkD</a></p> <p>2.<a href="https://www.youtube.com/watch?v=AL9yUi4bhlk&amp;list=PLWPirh4EWFpGVCiWT0mVjK8exoq78LmkD&amp;index=9">https://www.youtube.com/watch?v=AL9yUi4bhlk&amp;list=PLWPirh4EWFpGVCiWT0mVjK8exoq78LmkD&amp;index=9</a></p>
4	Mr.A.B.Bhuibhar	Discrete Mathematics And Graph Theory	Youtube	<p>1.<a href="https://www.youtube.com/watch?v=h9wxtqoa1jY&amp;list=PL6MpDZWD2gTF3mz26HSufmsIO-">https://www.youtube.com/watch?v=h9wxtqoa1jY&amp;list=PL6MpDZWD2gTF3mz26HSufmsIO-</a></p> <p>2.<a href="https://www.youtube.com/watch?v=YMRO8i4-_q8&amp;list=PLmXKhU9FNesQxcibunbD82NTQMBKVUO1S">https://www.youtube.com/watch?v=YMRO8i4-_q8&amp;list=PLmXKhU9FNesQxcibunbD82NTQMBKVUO1S</a></p>
		TCP/IP	Youtube	<p>1.<a href="https://www.youtube.com/watch?v=MMDhvHYAF7E">https://www.youtube.com/watch?v=MMDhvHYAF7E</a></p> <p>2.<a href="https://www.youtube.com/watch?v=UXMIxCYZu8o">https://www.youtube.com/watch?v=UXMIxCYZu8o</a></p>
		Theoretical Foundations of Computer Sciences	Youtube	<p>1.<a href="https://www.youtube.com/watch?v=eqCkkC9A0Q4&amp;index=1&amp;list=PLEbnTDJUr_IdM__FmDFBz0zCsOFxfK">https://www.youtube.com/watch?v=eqCkkC9A0Q4&amp;index=1&amp;list=PLEbnTDJUr_IdM__FmDFBz0zCsOFxfK</a></p> <p>2.<a href="https://www.youtube.com/watch?v=Fp4x2JKlsG0&amp;index=2&amp;list=PLEbnTDJUr_IdM__FmDFBz0zCsOFxfK">https://www.youtube.com/watch?v=Fp4x2JKlsG0&amp;index=2&amp;list=PLEbnTDJUr_IdM__FmDFBz0zCsOFxfK</a></p>
5	Mrs.V.Ganesh	Computer Graphics	Youtube	<p>1.<a href="https://www.geeksforgeeks.org/dda-line-generation-algorithm-computer-graphics/">https://www.geeksforgeeks.org/dda-line-generation-algorithm-computer-graphics/</a></p> <p>2.<a href="https://www.thecrazyprogrammer.com/2017/01/dda-line-drawing-algorithm-c-c.html">https://www.thecrazyprogrammer.com/2017/01/dda-line-drawing-algorithm-c-c.html</a></p> <p>3.<a href="https://www.tutorialspoint.com/Computer_Graphics/Polygon_Filling_Algorithm">https://www.tutorialspoint.com/Computer_Graphics/Polygon_Filling_Algorithm</a></p> <p>4.<a href="http://www.ques10.com/p/22022/explain-scan-line-polygon-filling-algorithm/">www.ques10.com/p/22022/explain-scan-line-polygon-filling-algorithm/</a></p>
		Distributed Operating System	Youtube	<p>1.<a href="https://en.wikipedia.org/wiki/Clock_synchronization">https://en.wikipedia.org/wiki/Clock_synchronization</a></p> <p>2.<a href="http://cse.csusb.edu/tongyu/courses/cs660/notes/dmex.php">cse.csusb.edu/tongyu/courses/cs660/notes/dmex.php</a></p> <p>3.<a href="http://courses.cs.vt.edu/~cs5204/fall00/distributedSys/amento/dsm.html">courses.cs.vt.edu/~cs5204/fall00/distributedSys/amento/dsm.html</a></p> <p>4.<a href="https://www.cs.uic.edu/~ajayk/Chapter12.pdf">https://www.cs.uic.edu/~ajayk/Chapter12.pdf</a></p>
		System Programming	Youtube	<p>1.<a href="https://www.techopedia.com/definition/9616/system-programming">https://www.techopedia.com/definition/9616/system-programming</a></p> <p>2.<a href="https://www.geeksforgeeks.org/tag/system-programming/">https://www.geeksforgeeks.org/tag/system-programming/</a></p> <p>3.<a href="https://www.quora.com/What-is-systems-programming">https://www.quora.com/What-is-systems-programming</a></p> <p>4.<a href="http://www.compsci.hunter.cuny.edu/~sweiss/course_materials/unix.../chapter_01.pdf">www.compsci.hunter.cuny.edu/~sweiss/course_materials/unix.../chapter_01.pdf</a></p>
6	Mr.A.Jaiswal	Advanced C Programming and Logic Design	Youtube	<p>1.<a href="https://youtu.be/c5gg9F8h8Fw?list=PL10JwcpTmtfce7rrsXt0QgTs6ZVtdxLp">https://youtu.be/c5gg9F8h8Fw?list=PL10JwcpTmtfce7rrsXt0QgTs6ZVtdxLp</a></p> <p>2.<a href="https://youtu.be/-wv-OERJK3M?list=PLkefCbgBYuZkIOdw85hxIDZXSqHk7drGc">https://youtu.be/-wv-OERJK3M?list=PLkefCbgBYuZkIOdw85hxIDZXSqHk7drGc</a></p>

		Data Structures & Program Design	Youtube	1. <a href="https://youtu.be/zWg7U0OEAoE?list=PL5E96052C98F478A1">https://youtu.be/zWg7U0OEAoE?list=PL5E96052C98F478A1</a> 2. <a href="https://youtu.be/DT4zr-8Lp8c?list=PLVZ00EhaXu3P7ne8HTPtY7ej1lpxjO0co">https://youtu.be/DT4zr-8Lp8c?list=PLVZ00EhaXu3P7ne8HTPtY7ej1lpxjO0co</a>
		Design & Analysis of Algorithm	Youtube	1. <a href="https://youtu.be/5Y8Lfsreeck?list=PL08885AEAE85EA836">https://youtu.be/5Y8Lfsreeck?list=PL08885AEAE85EA836</a> 2. <a href="https://youtu.be/EcT-Jt5WStw">https://youtu.be/EcT-Jt5WStw</a>
7	Ms.S.Raipure	Data Warehousing & Mining	Youtube	1. <a href="https://www.youtube.com/watch?v=Z6sOGhXDdIlg">https://www.youtube.com/watch?v=Z6sOGhXDdIlg</a> 2. <a href="https://www.youtube.com/watch?v=b5hgDPa7a2k">https://www.youtube.com/watch?v=b5hgDPa7a2k</a>
		Data Communication	Youtube	1. <a href="https://www.youtube.com/watch?v=L5jJIN8Z4lo">https://www.youtube.com/watch?v=L5jJIN8Z4lo</a> 2. <a href="https://www.youtube.com/watch?v=hjVNKeVdKcs">https://www.youtube.com/watch?v=hjVNKeVdKcs</a>
		Computer Network	Youtube	1. <a href="https://www.youtube.com/watch?v=QGu1aTkoNSk">https://www.youtube.com/watch?v=QGu1aTkoNSk</a> 2. <a href="https://www.youtube.com/watch?v=S22u7_Eq26g">https://www.youtube.com/watch?v=S22u7_Eq26g</a>
		Clustering & Cloud Computing	Youtube	1. <a href="https://www.youtube.com/watch?v=LICA-ILkO4w">https://www.youtube.com/watch?v=LICA-ILkO4w</a> 2. <a href="https://www.youtube.com/watch?v=LRXk2lbbwXQ">https://www.youtube.com/watch?v=LRXk2lbbwXQ</a>
8	Ms.R.C.Deshmukh	Operating Systems	Youtube	1. <a href="https://www.youtube.com/watch?v=xDVC3wKjS64">https://www.youtube.com/watch?v=xDVC3wKjS64</a> 2. <a href="https://www.youtube.com/watch?v=PoPePvh3cnY">https://www.youtube.com/watch?v=PoPePvh3cnY</a>
		Information & Cyber Security	Youtube	1. <a href="https://www.youtube.com/watch?v=IkJ7x6yI8W0">https://www.youtube.com/watch?v=IkJ7x6yI8W0</a> 2. <a href="https://www.youtube.com/watch?v=NHuibtoL_qk">https://www.youtube.com/watch?v=NHuibtoL_qk</a>
		Language Processor	Youtube	1. <a href="https://www.youtube.com/watch?v=83j1qYTI--Q">https://www.youtube.com/watch?v=83j1qYTI--Q</a> 2. <a href="https://www.youtube.com/watch?v=1XD2wk52-Cs">https://www.youtube.com/watch?v=1XD2wk52-Cs</a>
9	Ms.A.Agrawal	Computer Architecture & Organization	Youtube	1. <a href="https://www.youtube.com/watch?v=Iir5Pz3kq0w&amp;list=PLWPirh4EWFpF0FVeBgL75d1RIASn4sGoz">https://www.youtube.com/watch?v=Iir5Pz3kq0w&amp;list=PLWPirh4EWFpF0FVeBgL75d1RIASn4sGoz</a>
		Mobile Computing	Youtube	1. <a href="https://www.youtube.com/watch?v=21I3PK0Ps4U&amp;list=PL9zFgBale5fsCB921XIRWKS0siE7uFo6G">https://www.youtube.com/watch?v=21I3PK0Ps4U&amp;list=PL9zFgBale5fsCB921XIRWKS0siE7uFo6G</a>

		soft computing	Youtube	1. <a href="https://www.youtube.com/watch?v=K9gjuXjJeEM&amp;list=PLJ5C_6qdAvBFqAYS0P9INAogIMklG8E-9">https://www.youtube.com/watch?v=K9gjuXjJeEM&amp;list=PLJ5C_6qdAvBFqAYS0P9INAogIMklG8E-9</a>
10	Ms.H.Bilgaye	MIII	Youtube	<a href="https://www.youtube.com/watch?v=DPg5T-YBQjU&amp;t=940s">https://www.youtube.com/watch?v=DPg5T-YBQjU&amp;t=940s</a> <a href="https://www.youtube.com/watch?v=h_kht-5D6NM">https://www.youtube.com/watch?v=h_kht-5D6NM</a>

### Department of Electronics Engineering

S. No	Name of Faculty	Subject	ICT Tool	Link/URL
1	Mrs S.H Jawale	Analog Circuits Design MEMS Digital communication	You tube	<a href="https://www.youtube.com/watch?v=w8Dq8blTmSA&amp;list=PL7987F30C41A9ADCB">https://www.youtube.com/watch?v=w8Dq8blTmSA&amp;list=PL7987F30C41A9ADCB</a> <a href="https://www.youtube.com/results?search_query=nptel+mems+lecture">https://www.youtube.com/results?search_query=nptel+mems+lecture</a> <a href="https://www.youtube.com/results?search_query=nptel+digital+communication+prof+chakrwardi">https://www.youtube.com/results?search_query=nptel+digital+communication+prof+chakrwardi</a>
2	Mr U.P Akare	Optical Communication	You tube	<a href="https://www.youtube.com/watch?v=XgcDYxRtP_k&amp;list=PLq-Gm0yRYwTjm1498ZPcEVgOwtwESR0aG&amp;index=2">https://www.youtube.com/watch?v=XgcDYxRtP_k&amp;list=PLq-Gm0yRYwTjm1498ZPcEVgOwtwESR0aG&amp;index=2</a>
3	Mrs Pallavi Chavan	Digital Image Progressing	You tube	<a href="https://www.youtube.com/watch?v=6dFnpz_AEyA&amp;list=PL9567DFCA3A66F299">https://www.youtube.com/watch?v=6dFnpz_AEyA&amp;list=PL9567DFCA3A66F299</a>
4	Mr Sagar Motdhare	1. Digital Image Processing 2. Wireless Sensor Network	Youtube	<a href="https://www.youtube.com/watch?v=CVV0TvNK6pk">https://www.youtube.com/watch?v=CVV0TvNK6pk</a> <a href="https://www.youtube.com/results?search_query=wireless+sensor+networks">https://www.youtube.com/results?search_query=wireless+sensor+networks</a>
5	Ms. Purnashiti Bhosale	1. Advanced Digital System Design 2. Object Oriented programming and Data Structure	youtube	<b>Advanced Digital system design</b>  1. <a href="https://www.youtube.com/watch?v=CL3ups78jrs">https://www.youtube.com/watch?v=CL3ups78jrs</a>  2. <a href="https://www.youtube.com/watch?v=EDbutwR35bg&amp;list=PLbMVogVj5nJSY-1XxFHgwgtj2F7mB7NuV">https://www.youtube.com/watch?v=EDbutwR35bg&amp;list=PLbMVogVj5nJSY-1XxFHgwgtj2F7mB7NuV</a>  3. <a href="https://www.youtube.com/watch?v=NfXkffUivKQ&amp;index=3&amp;list=PLbMVogVj5nJSY-1XxFHgwgtj2F7mB7NuV">https://www.youtube.com/watch?v=NfXkffUivKQ&amp;index=3&amp;list=PLbMVogVj5nJSY-1XxFHgwgtj2F7mB7NuV</a>

4.<https://www.youtube.com/watch?v=pF1dRpdHweQ&list=PLbMVogVj5nJSY-1XxFHgwgtj2F7mB7NuV&index=5>

5.<https://www.youtube.com/watch?v=KL6bCuRn6hA&index=9&list=PLbMVogVj5nJSY-1XxFHgwgtj2F7mB7NuV>

6.<https://www.youtube.com/watch?v=wioCVyrO0yw&list=PLbMVogVj5nJSY-1XxFHgwgtj2F7mB7NuV&index=11>

7.<https://www.youtube.com/watch?v=6PWifdwJTzw&list=PLbMVogVj5nJSY-1XxFHgwgtj2F7mB7NuV&index=14>

8.<https://www.youtube.com/watch?v=ue6ZCpWn0fM&index=18&list=PLbMVogVj5nJSY-1XxFHgwgtj2F7mB7NuV>

9.<https://www.youtube.com/watch?v=FYMQJM3QBtA&index=21&list=PLbMVogVj5nJSY-1XxFHgwgtj2F7mB7NuV>

10.<https://www.youtube.com/watch?v=cIqjulo23vo&index=26&list=PLbMVogVj5nJSY-1XxFHgwgtj2F7mB7NuV>

11.<https://www.youtube.com/watch?v=ht7nEjNydDU&list=PLbMVogVj5nJSY-1XxFHgwgtj2F7mB7NuV&index=35>

12.<https://www.youtube.com/watch?v=IXjKDHIbEVI&list=PLbMVogVj5nJSY-1XxFHgwgtj2F7mB7NuV&index=42>

### **Object Oriented Programming and data structure**

1.[https://www.youtube.com/watch?v=KG4hjVDw-p8&index=2&list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd\\_IUTbY](https://www.youtube.com/watch?v=KG4hjVDw-p8&index=2&list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY)

2.[https://www.youtube.com/watch?v=ubKxyn4WTs8&list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd\\_IUTbY&index=3](https://www.youtube.com/watch?v=ubKxyn4WTs8&list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY&index=3)

3.[https://www.youtube.com/watch?v=M9ArEaQIGpw&list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd\\_IUTbY&index=4](https://www.youtube.com/watch?v=M9ArEaQIGpw&list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY&index=4)

			<p>4.<a href="https://www.youtube.com/watch?v=1sibb2PGR-Q&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY&amp;index=5">https://www.youtube.com/watch?v=1sibb2PGR-Q&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY&amp;index=5</a></p> <p>5.<a href="https://www.youtube.com/watch?v=3ZgDx-0oGQQ&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY&amp;index=6">https://www.youtube.com/watch?v=3ZgDx-0oGQQ&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY&amp;index=6</a></p> <p>6.<a href="https://www.youtube.com/watch?v=0GWWQoMY5Mk&amp;index=7&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY">https://www.youtube.com/watch?v=0GWWQoMY5Mk&amp;index=7&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY</a></p> <p>7.<a href="https://www.youtube.com/watch?v=pX6LufLso2M&amp;index=10&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY">https://www.youtube.com/watch?v=pX6LufLso2M&amp;index=10&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY</a></p> <p>8.<a href="https://www.youtube.com/watch?v=ggq0U3u0qSA&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY&amp;index=16">https://www.youtube.com/watch?v=ggq0U3u0qSA&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY&amp;index=16</a></p> <p>9.<a href="https://www.youtube.com/watch?v=0jpOwe4d-FE&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY&amp;index=17">https://www.youtube.com/watch?v=0jpOwe4d-FE&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY&amp;index=17</a></p> <p>10.<a href="https://www.youtube.com/watch?v=urux5ZxeO3k&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY&amp;index=21">https://www.youtube.com/watch?v=urux5ZxeO3k&amp;list=PL0gIV7t6l2iIsR55zsSgeiOw9Bd_IUTbY&amp;index=21</a></p>
6	Ms.Meenal shelke	<p>1 )Embedded sytems</p> <p>2 )Digital circuits and Fundamentals of Microprocessor</p>	<p><a href="https://www.youtube.com/watch?v=y9RAhEflfJs&amp;list=PL90187D2B8F5AC28F">https://www.youtube.com/watch?v=y9RAhEflfJs&amp;list=PL90187D2B8F5AC28F</a></p> <p><a href="https://www.youtube.com/watch?v=dZy8Z6_BcWg">https://www.youtube.com/watch?v=dZy8Z6_BcWg</a></p> <p><a href="https://www.youtube.com/watch?v=1gSL3Td3Etg">https://www.youtube.com/watch?v=1gSL3Td3Etg</a></p> <p><a href="https://www.youtube.com/watch?v=EDbutwR35bg&amp;list=PLbMVogVj5nJSY-1XxFHgwgtj2F7mB7NuV">https://www.youtube.com/watch?v=EDbutwR35bg&amp;list=PLbMVogVj5nJSY-1XxFHgwgtj2F7mB7NuV</a></p> <p><a href="https://www.youtube.com/watch?v=CeD2L6KbtVM&amp;list=PL803563859BF7ED8C">https://www.youtube.com/watch?v=CeD2L6KbtVM&amp;list=PL803563859BF7ED8C</a></p>

### Department of Electronics and Communication Engineering

S. No	Name of Faculty	Subject	ICT Tool	Link/URL
1	Ms. A.S. Gawarle	Advanced Digital System Design	NPTEL and You tube Video Lecture	<a href="https://www.youtube.com/watch?v=Xkamv7xBpaE&amp;list=PLbMVogVj5nJRPNekmFXR0b5U5GgRnYikJ">https://www.youtube.com/watch?v=Xkamv7xBpaE&amp;list=PLbMVogVj5nJRPNekmFXR0b5U5GgRnYikJ</a>
2		CMOS VLSI Design		<a href="https://www.youtube.com/watch?v=Q3WYZF5wzgU&amp;list=PLbMVogVj5nJQB44z6h0XO2644Vbv7OM8_">https://www.youtube.com/watch?v=Q3WYZF5wzgU&amp;list=PLbMVogVj5nJQB44z6h0XO2644Vbv7OM8_</a>
3	Mr. Parag Puranik	DSP Processor and Architecture		<a href="https://www.youtube.com/watch?v=rTbochn9s2w">https://www.youtube.com/watch?v=rTbochn9s2w</a>
4		VLSI Signal Processing		<a href="https://www.youtube.com/watch?v=PmOn6ji0jX4">https://www.youtube.com/watch?v=PmOn6ji0jX4</a>
5		Digital Signal Processing		<a href="https://www.youtube.com/watch?v=6dFnpz_AEyA&amp;list=PL9567DFCA3A66F299">https://www.youtube.com/watch?v=6dFnpz_AEyA&amp;list=PL9567DFCA3A66F299</a>
6	Mr. R.S. Lonkar	Optical Communication		<a href="https://www.youtube.com/watch?v=XgcDYxRtP_k&amp;list=PLq-Gm0yRYwTjm1498ZPcEVgOwtwESR0aG&amp;index=2">https://www.youtube.com/watch?v=XgcDYxRtP_k&amp;list=PLq-Gm0yRYwTjm1498ZPcEVgOwtwESR0aG&amp;index=2</a>
7		Digital Image Processing		<a href="https://www.youtube.com/watch?v=CVV0TvNK6pk&amp;list=PL1F076D1A98071E24">https://www.youtube.com/watch?v=CVV0TvNK6pk&amp;list=PL1F076D1A98071E24</a>
8	Mr. V.R. Barwat	Television and Video Engineering		<a href="https://www.youtube.com/watch?v=EAybxgdgS2T4">https://www.youtube.com/watch?v=EAybxgdgS2T4</a>
9		Telecommunication Switching Systems		<a href="https://www.youtube.com/watch?v=9_LvrgKEncM&amp;index=2&amp;list=PLns8qF2MJM2StKjL2eKZ7It1JAl9htxMW">https://www.youtube.com/watch?v=9_LvrgKEncM&amp;index=2&amp;list=PLns8qF2MJM2StKjL2eKZ7It1JAl9htxMW</a>
10	Ms. V.V. Shirpurkar	Electronics Devices and Circuits		<a href="https://www.youtube.com/watch?v=Kp-jS6NHsB8&amp;list=PLF178600D851B098F">https://www.youtube.com/watch?v=Kp-jS6NHsB8&amp;list=PLF178600D851B098F</a>
11	Ms. V. K. Rajput	Digital Circuits and Fundamental of MP		<a href="https://www.youtube.com/watch?v=CeD2L6KbtVM&amp;list=PL803563859BF7ED8C">https://www.youtube.com/watch?v=CeD2L6KbtVM&amp;list=PL803563859BF7ED8C</a>
12	Mr. V.Mankar	Analog Circuit Design		<a href="https://www.youtube.com/watch?v=1zgSM4objBU&amp;list=PLzJaFd3A7DZswdmjMaq6Z6qC8Aj0YvBAL">https://www.youtube.com/watch?v=1zgSM4objBU&amp;list=PLzJaFd3A7DZswdmjMaq6Z6qC8Aj0YvBAL</a>

### Department of First Year

S. No	Name of Faculty	Subject	ICT Tool	Link/URL
1	Dr. D.S. Hardas	Compton Effect	You tube	<a href="https://www.youtube.com/watch?v=3Jz0wGKgtAM">https://www.youtube.com/watch?v=3Jz0wGKgtAM</a>
	Dr. D.S. Hardas	Rank of SC, BCC, FCC structures	You tube	<a href="https://www.youtube.com/watch?v=y0c5WILbzQw">https://www.youtube.com/watch?v=y0c5WILbzQw</a>
2	Dr.B.C.Burande	cement	You tube	<a href="https://youtu.be/ooovhVPnuqY">https://youtu.be/ooovhVPnuqY</a>
3	Dr.S.M.Umare	Water technology	You tube	<a href="https://youtu.be/6u9LOnVUYPY">https://youtu.be/6u9LOnVUYPY</a>
4	Dr.S.Meer	Corrosion	You tube	<a href="https://www.youtube.com/playlist?list=PLbMVogVj5nJRb1Hukxce_fNcQ5D74Pn91">https://www.youtube.com/playlist?list=PLbMVogVj5nJRb1Hukxce_fNcQ5D74Pn91</a>
5	Mrs.R.R.Pais	Technical English for Engineers	You Tube	<a href="https://www.youtube.com/playlist?list=PLzf4HHIsQFwlQUeZq_ykEVB6qZrTRnJZn">https://www.youtube.com/playlist?list=PLzf4HHIsQFwlQUeZq_ykEVB6qZrTRnJZn</a>
6	Mrs.M.M.Tayade	English Language for Competitive Examination	You Tube	<a href="https://www.youtube.com/playlist?list=PLzJaFd3A7DZtnTdtOxbjo3GLPd1WVe6oq">https://www.youtube.com/playlist?list=PLzJaFd3A7DZtnTdtOxbjo3GLPd1WVe6oq</a>
7	Dr. Mrs. V. V. So man	Heisenberg's Uncertainty principle	You Tube	<a href="https://www.youtube.com/watch?v=a8FTr2qMutA">https://www.youtube.com/watch?v=a8FTr2qMutA</a>
8	Mr. M. D. Mehare	Laser	You Tube	<a href="https://www.youtube.com/watch?v=oUEbMjtWc-A">https://www.youtube.com/watch?v=oUEbMjtWc-A</a>



9	Mr. N. N. Bhaiswar	Othographics projection	Youtube	<a href="https://www.youtube.com/watch?v=XRjvcjdko8c&amp;index=4&amp;list=PLbMVogVj5nJRgBjyxu0PfH3Ucdq_mDo4o">https://www.youtube.com/watch?v=XRjvcjdko8c&amp;index=4&amp;list=PLbMVogVj5nJRgBjyxu0PfH3Ucdq_mDo4o</a>
10	Mr. K. S. Shelke	Othographics projection	Youtube	<a href="https://www.youtube.com/watch?v=8mbLMu1IvUI&amp;list=PLbMVogVj5nJRgBjyxu0PfH3Ucdq_mDo4o&amp;index=3">https://www.youtube.com/watch?v=8mbLMu1IvUI&amp;list=PLbMVogVj5nJRgBjyxu0PfH3Ucdq_mDo4o&amp;index=3</a>
11	G. R. Jodh	Curves	Youtube	<a href="https://www.youtube.com/watch?v=2uWYn9-M1AU&amp;index=2&amp;list=PLbMVogVj5nJRgBjyxu0PfH3Ucdq_mDo4o">https://www.youtube.com/watch?v=2uWYn9-M1AU&amp;index=2&amp;list=PLbMVogVj5nJRgBjyxu0PfH3Ucdq_mDo4o</a>
12	Mr. N.M.Bhondge	Mathematics Matrices	Youtube	<a href="https://www.youtube.com/watch?v=If8pYknlxnM">https://www.youtube.com/watch?v=If8pYknlxnM</a>
13	Mrs. M.V.Sarode	Mathematics Matrices	Youtube	<a href="https://www.youtube.com/watch?v=G4N8vJpf7hM&amp;vl=en">https://www.youtube.com/watch?v=G4N8vJpf7hM&amp;vl=en</a>
14	Mrs. A..D.chaudhari	Laplace Transform		<a href="https://www.youtube.com/watch?v=hWv8iZfQ7ZI">https://www.youtube.com/watch?v=hWv8iZfQ7ZI</a>
15	Mrs. H.S.Bilgaye	Introduction to Eigenvalues and Eigenvectors		<a href="https://www.youtube.com/watch?v=G4N8vJpf7hM&amp;vl=en">https://www.youtube.com/watch?v=G4N8vJpf7hM&amp;vl=en</a>

## Department of Electrical Engineering

S. No	Name of Faculty	Subject	ICT Tool	Link/URL
1.	Mrs. U B Malkhandale	CS-II	You tube video	<a href="https://youtu.be/Xgr9AA0RnSo?list=PLC977DC7BB9CB619E">https://youtu.be/Xgr9AA0RnSo?list=PLC977DC7BB9CB619E</a> <a href="https://youtu.be/xLhvil5sDcU?list=PLUMWjy5jgHK0WzmjRViTYtlSVSE_zP6yR">https://youtu.be/xLhvil5sDcU?list=PLUMWjy5jgHK0WzmjRViTYtlSVSE_zP6yR</a> <a href="https://youtu.be/4bY4W0hvFA?list=PLUMWjy5jgHK0Wzmj">https://youtu.be/4bY4W0hvFA?list=PLUMWjy5jgHK0Wzmj</a> <a href="https://youtu.be/rH44ttR3G4Q">https://youtu.be/rH44ttR3G4Q</a>
2.	V. J. Umale	Basic Electrical Engineering	Youtube	<a href="https://drive.google.com/drive/folders/0B09Et9uTmOlNeFNWOGhBaS1oR">https://drive.google.com/drive/folders/0B09Et9uTmOlNeFNWOGhBaS1oR</a>
3.	Ms S. M. Deshmukh	EMI	Youtube , Knowledge platform	1. <a href="https://www.youtube.com/watch?v=Zp8Mi7pYGDk">https://www.youtube.com/watch?v=Zp8Mi7pYGDk</a> 2. <a href="https://www.youtube.com/watch?v=L9wHaLyv94Q">https://www.youtube.com/watch?v=L9wHaLyv94Q</a> 3. <a href="https://www.youtube.com/watch?v=Yu1uRvErM80">https://www.youtube.com/watch?v=Yu1uRvErM80</a> 4. <a href="http://knowledgeplatform.in/em-ea/">http://knowledgeplatform.in/em-ea/</a>
4.	Ms. Padmaja Krunshnakanth Sankala	IDC	Slide share	<a href="https://www.slideshare.net/geterrdone/variable-frequency-drives?qid=1b7f6854-034d-4c0d-9bd7-8707c1c2f5ba&amp;v=&amp;b=&amp;from_search=1">https://www.slideshare.net/geterrdone/variable-frequency-drives?qid=1b7f6854-034d-4c0d-9bd7-8707c1c2f5ba&amp;v=&amp;b=&amp;from_search=1</a>
5.	Mr. Muneeb Ahmed	EM2	NPTEL	<a href="http://nptel.ac.in/courses/108106072/">http://nptel.ac.in/courses/108106072/</a>

6.	Mrs. S. H. Jawale	Microprocessor and Applications	NPTEL video	<a href="http://nptel.ac.in/courses/Webcourse-contents/IIT-KANPUR/microcontrollers/micro/ui/Course_home2_5.htm">http://nptel.ac.in/courses/Webcourse-contents/IIT-KANPUR/microcontrollers/micro/ui/Course_home2_5.htm</a>
7.	Mr. Nitin Pandurang Mawale	Digital Electronics	NPTEL Videos	<a href="http://nptel.ac.in/courses/117106086/3">http://nptel.ac.in/courses/117106086/3</a> <a href="http://nptel.ac.in/courses/117106086/6">http://nptel.ac.in/courses/117106086/6</a>
8.	Mr. Muneeb Ahmad	Power Electronics and Applications	NPTEL video	<a href="http://www.nptelvideos.com/lecture.php?id=8474">http://www.nptelvideos.com/lecture.php?id=8474</a>
9.	Mr. Muneeb Ahmad	Advanced Power Electronics	Virtual labs NPTEL Videos	<a href="http://iitd.vlab.co.in/?sub=67&amp;brch=185~ = 430&amp;cnt=1">http://iitd.vlab.co.in/?sub=67&amp;brch=185~ = 430&amp;cnt=1</a> <a href="https://www.youtube.com/watch?v=dZyO5gcWP-o">https://www.youtube.com/watch?v=dZyO5gcWP-o</a>
10.	Ms. Vr. V. Mankar	Electronics Devices and Circuits	NPTEL Videos	<a href="http://www.nptelvideos.com/video.php?id=2426/12/electronics.html">http://www.nptelvideos.com/video.php?id=2426/12/electronics.html</a>
11.	Mrs. U. B. Malkhandale	CS-II	You tube video	<a href="https://youtu.be/Xgr9AA0RnSo?list=PLC977DC7BB9CB619E">https://youtu.be/Xgr9AA0RnSo?list=PLC977DC7BB9CB619E</a> <a href="https://youtu.be/xLhvil5sDcU?list=PLUMWjy5jgHK0WzmjRViTytSVSE_zP6yR">https://youtu.be/xLhvil5sDcU?list=PLUMWjy5jgHK0WzmjRViTytSVSE_zP6yR</a> <a href="https://youtu.be/4bY4W0hvFA?list=PLUMWjy5jgHK0WzmjRViTytSVSE_zP6yR">https://youtu.be/4bY4W0hvFA?list=PLUMWjy5jgHK0WzmjRViTytSVSE_zP6yR</a> <a href="https://youtu.be/rH44ttR3G4Q">https://youtu.be/rH44ttR3G4Q</a>

### Department of Civil Engineering

S. No	Name of Faculty	Subject	ICT Tool	
1	Mr. P.A.Godse	Steel Structures	Youtube	<a href="https://www.youtube.com/watch?v=7-Wj4EL1HEw">https://www.youtube.com/watch?v=7-Wj4EL1HEw</a> <a href="https://www.youtube.com/watch?v=mtRR-5fzKo8&amp;list=PLB9C067175F5014A8">https://www.youtube.com/watch?v=mtRR-5fzKo8&amp;list=PLB9C067175F5014A8</a>
		Adv. traffic Engg	Youtube	<a href="https://www.youtube.com/watch?v=5zKC_aq4ypM&amp;list=PLl_6Sjd3m1Meef4k2EpO7q2K-bs">https://www.youtube.com/watch?v=5zKC_aq4ypM&amp;list=PLl_6Sjd3m1Meef4k2EpO7q2K-bs</a>
		Pavement Analysis & Design	Youtube	<a href="https://www.youtube.com/watch?v=5zKC_aq4ypM&amp;list=PLSitSeMkk1bndRgMKgGvtl64pal">https://www.youtube.com/watch?v=5zKC_aq4ypM&amp;list=PLSitSeMkk1bndRgMKgGvtl64pal</a>
2	Mr. P.I.Rode	Building construction and material	Youtube	<a href="https://www.youtube.com/watch?v=bwJz6fPRhQo">https://www.youtube.com/watch?v=bwJz6fPRhQo</a>
		Construction management law	Youtube	<a href="https://www.youtube.com/watch?v=vUMGvpsb8dc">https://www.youtube.com/watch?v=vUMGvpsb8dc</a>
		Estimating & Costing	Youtube	
3	Mrs. L.C.Gupta	Irrigation Engg.	Youtube	<a href="https://www.youtube.com/watch?v=p7SMFryb86A">https://www.youtube.com/watch?v=p7SMFryb86A</a>
		Structural Analysis -II	Youtube	<a href="https://www.youtube.com/watch?v=s4CN6aVKhPo">https://www.youtube.com/watch?v=s4CN6aVKhPo</a>
		Estimating & Costing	Youtube	<a href="https://www.youtube.com/watch?v=-TY-Pzim09E&amp;list=PLndcA50HdAVzcFE6dpOGt3bNqD">https://www.youtube.com/watch?v=-TY-Pzim09E&amp;list=PLndcA50HdAVzcFE6dpOGt3bNqD</a>
4	Ms.M.R.Jain	Strength of material	Youtube	<a href="https://onlinecourses.nptel.ac.in/noc18_ce17/unit?unit=7&amp;lesson=9">https://onlinecourses.nptel.ac.in/noc18_ce17/unit?unit=7&amp;lesson=9</a>
		Advanced Concrete Technology	Youtube	<a href="https://onlinecourses.nptel.ac.in/noc18_ce21/unit?unit=7&amp;lesson=31">https://onlinecourses.nptel.ac.in/noc18_ce21/unit?unit=7&amp;lesson=31</a>
5	Ms.Swati S. Baghele	Pavement Analysis and Design	Youtube	<a href="https://www.youtube.com/watch?v=IfyzUUGrRAc">https://www.youtube.com/watch?v=IfyzUUGrRAc</a> <a href="https://www.youtube.com/watch?v=syOEzox3dd4">https://www.youtube.com/watch?v=syOEzox3dd4</a>

6	Ms P.K.Singh	Basic civil Engineering	Youtube	<a href="https://www.youtube.com/watch?v=hbDqcMjt20U&amp;index=4&amp;list=PLQvkf-zrJD0E4BsR1Xa">https://www.youtube.com/watch?v=hbDqcMjt20U&amp;index=4&amp;list=PLQvkf-zrJD0E4BsR1Xa</a>
		Stadd-Pro	Youtube	<a href="https://www.youtube.com/watch?v=XOD7syeM-80">https://www.youtube.com/watch?v=XOD7syeM-80</a>
7	Ms.V.P.Kesalkar	Environmental Engg-I	Youtube	<a href="https://www.youtube.com/watch?v=xZu8GCCeJ_c">https://www.youtube.com/watch?v=xZu8GCCeJ_c</a>
8	Mr.R.A.Ganorkar	Environmental Engg-I	Youtube	<a href="https://www.youtube.com/watch?v=2mGyKx1dqDA">https://www.youtube.com/watch?v=2mGyKx1dqDA</a>
		Hydrology and Water resources	Youtube	<a href="https://www.youtube.com/watch?v=_XELQs76A84">https://www.youtube.com/watch?v=_XELQs76A84</a>
		Transportation Engg-I	Youtube	<a href="https://www.youtube.com/watch?v=xgmYomovBEs">https://www.youtube.com/watch?v=xgmYomovBEs</a>
9	Mr.S.P.Patil	Transportation engineering-II	Youtube	<a href="https://www.youtube.com/watch?v=YMkHcJ-EJtw">https://www.youtube.com/watch?v=YMkHcJ-EJtw</a> <a href="https://www.youtube.com/watch?v=ZuR5QTlfOzk">https://www.youtube.com/watch?v=ZuR5QTlfOzk</a>
		Basic civil Engineering	Youtube	<a href="https://www.youtube.com/watch?v=ECetDddd-BQ&amp;list=PLQvkf-zrJD0E4BsR1XaDlIbMTohcvJbqx">https://www.youtube.com/watch?v=ECetDddd-BQ&amp;list=PLQvkf-zrJD0E4BsR1XaDlIbMTohcvJbqx</a>
10	Ms. Sharayu W. Yewale	Advance Concrete Technology	Youtube	<a href="https://www.youtube.com/watch?v=SdWh05agJtg">https://www.youtube.com/watch?v=SdWh05agJtg</a> <a href="https://www.youtube.com/watch?v=_ca3DBPhBzI">https://www.youtube.com/watch?v=_ca3DBPhBzI</a>
		Transportation engineering-II	Youtube	<a href="https://www.youtube.com/watch?v=YMkHcJ-EJtw">https://www.youtube.com/watch?v=YMkHcJ-EJtw</a> <a href="https://www.youtube.com/watch?v=ZuR5QTlfOzk">https://www.youtube.com/watch?v=ZuR5QTlfOzk</a>
11	Ms. B.P. Chelani	Engineering Geology	Youtube	<a href="https://www.youtube.com/watch?v=_5q8hzF9VVE">https://www.youtube.com/watch?v=_5q8hzF9VVE</a> <a href="https://www.youtube.com/watch?v=ZTRu620bIsE">https://www.youtube.com/watch?v=ZTRu620bIsE</a>
		Geotechnical Engineering-II	Youtube	<a href="https://www.youtube.com/watch?v=7bjYfVc8Gdw">https://www.youtube.com/watch?v=7bjYfVc8Gdw</a> <a href="https://www.youtube.com/watch?v=T6neYRCgdTw">https://www.youtube.com/watch?v=T6neYRCgdTw</a>

12	Mr.S.H.Sathawane	Strength of Material	Youtube	<a href="https://www.youtube.com/watch?v=UahfUvcS24o">https://www.youtube.com/watch?v=UahfUvcS24o</a> <a href="https://www.youtube.com/watch?v=GkFgysZC4Vc">https://www.youtube.com/watch?v=GkFgysZC4Vc</a>
		RCC Stuctures	Youtube	<a href="https://www.youtube.com/watch?v=ba3mZhOpsTM&amp;list=PL51300B0778FB5784&amp;index=3">https://www.youtube.com/watch?v=ba3mZhOpsTM&amp;list=PL51300B0778FB5784&amp;index=3</a> <a href="https://www.youtube.com/watch?v=WaAWYM6HDWs&amp;index=10&amp;list=PL51300B0778FB5">https://www.youtube.com/watch?v=WaAWYM6HDWs&amp;index=10&amp;list=PL51300B0778FB5</a>
13	Mr. P. S. Kamble	GE-II	Youtube	<a href="https://www.youtube.com/watch?v=ucbinKVZvF8">https://www.youtube.com/watch?v=ucbinKVZvF8</a> <a href="https://www.youtube.com/watch?v=s87MHDA5evM">https://www.youtube.com/watch?v=s87MHDA5evM</a>
		APSWM		<a href="https://www.youtube.com/watch?v=W_jvqlFnQeQ">https://www.youtube.com/watch?v=W_jvqlFnQeQ</a> <a href="https://www.youtube.com/watch?v=VSpFz0bRO4g&amp;list=PL_a1TI5CC9RG0P1UGRhuYiysw">https://www.youtube.com/watch?v=VSpFz0bRO4g&amp;list=PL_a1TI5CC9RG0P1UGRhuYiysw</a>