



## EXCEL ENGINEERING COLLEGE (Autonomous)

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Accredited by NBA, NAAC with "A" and Recognised by UGC (2f & 12B)  
KOMARAPALAYAM - 637303

### Department of Civil Engineering

#### 2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-Learning resources etc (ACADEMIC YEAR 2021-22)

S.No	Content	Folio No
1	. List of teachers on roll program wise in UG and PG	1
2	List of teachers in UG and PG using ICT for effective teaching with Learning Management Systems (LMS), E-Learning resources etc.	
3	List of ICT tools and resources available.	
4	. List of ICT enabled class rooms.	
5	List of smart class rooms.	
6	List of e-resources and techniques used.	





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### **Department of Civil Engineering**

**ACADEMIC YEAR 2021-22**

#### **List of e-resources and techniques**

1. Electronic Journals
2. Social Networking
3. E Learning
4. Web based learning
5. E Newspaper
6. E Books
7. E Magazines
8. Image Collection
9. NPTEL
10. DELNET
11. DSPACE



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### DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2021-22

#### LIST OF FACULTY MEMBERS USING ICT

S.No	Name of the Faculty	Designation
UG: B.E- Civil Engineering		
1.	C Arun Doss	Assistant Professor
2.	D Mythili	Assistant Professor
3.	S Rajkumar	Assistant Professor
4.	A Subramanian	Assistant Professor
5.	P Sathiya Narayanan	Assistant Professor
6.	N Mythily	Assistant Professor
7.	G Chandrasekaran	Assistant Professor
8.	R Mohanraj	Assistant Professor
9.	M Roobhalavanya	Assistant Professor
10.	N Vanathi	Assistant Professor
11.	S Arunkumar	Assistant Professor
12.	P Senthilkumar	Assistant Professor
13.	P Mohanapriya	Assistant Professor
14.	S Sasikumar	Assistant Professor
15.	D Arulshankaran	Assistant Professor
16.	A Tamilarasan	Assistant Professor
17.	P K Ranganathan	Assistant Professor

18.	P A Srinivasan	Assistant Professor
19.	V Vignesh Prabhu	Assistant Professor
20.	R Shobhana	Assistant Professor
<b>PG : M.E - Structural Engineering</b>		
21.	Dr S Shanmugasundaram	Professor & HOD
22.	K Sabarinathan	Assistant Professor
23.	S M Sakthivel	Assistant Professor
<b>PG : M.E - Environmental Engineering</b>		
24.	Dr N Sengottaian	Professor
25.	K Saranya	Assistant Professor
26.	P Varatharajan	Assistant Professor



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## DEPARTMENT OF CIVIL ENGINEERING ACADEMIC YEAR: 2021-22

Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

### ICT Facilities

S.No	Floor No.	Class	Room No.	ICT Facilities
1	Ground Floor	SEMINAR HALL (Main block)	Radhakrishnan Hall	PC with Projector with internet
2	I	CLASS ROOM	C 102	Projector
3	I	CLASS ROOM	C 103	Projector
4	II	CAD Lab	C 201	PC with Projector with Wi-fi
5	III	CLASS ROOM	C 202	Projector
6	III	CLASS ROOM	C203	Projector
7	III	CLASS ROOM	C 204	Projector

### ICT Specification in SEMINAR HALL

S. No	Name of the ICT Facilities	Brand Name	Specification	QTY
1			Standard Desktop PC	1
2.	Projector LCD	EPSON	Resolution between 1280 × 800, Projector Size:11 cm x 23 cm x 26 cm Display Type :16-bit color or greater (approximately 32,000 display colors) Image Size:122 cm - 300 cm Video Modes:1080i, 720p, 576p, 576i, 480p, 480i Data Modes: MAX 1400x1050.	1



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### DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2021-22

#### ICT Tools Available

1. Computer
2. Internet
3. Scanner
4. Educational Software's
5. Tablet
6. Interactive White Board
7. Digital record
8. Projector
9. Projector Screen
10. Mobile Phones
11. Laptop
12. Slide Presentation
13. Intranet
14. Digital Library
15. Printers
16. Pendrive
17. Microphones
18. CD



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**Department of Civil Engineering**

**Academic Year: 2021-22**

**List of Smart Class Rooms**

S.No	Floor No.	Class	Room No.	Smart Class Rooms
Nil				



  
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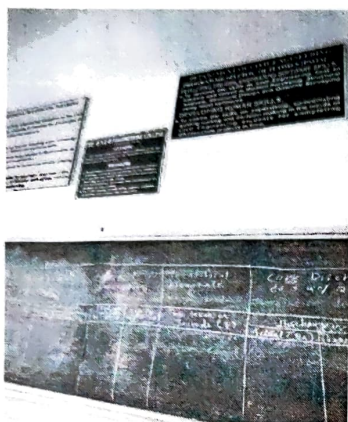
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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR : 2021-22

### 2.6.1 Dissemination of PO's



  
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## DEPARTMENT OF CIVIL ENGINEERING ACADEMIC YEAR 2021-22

### B.E CIVIL ENGINEERING

#### LIST OF FACULTY MEMBERS USING ICT FOR TEACHING

SL. NO	NAME	NAME OF THE SUBJECT	ICT TOOLS USED	URL
1.	C Arun Doss & Assistant Professor	Water Supply Engineering	<ul style="list-style-type: none"> <li>• PPT</li> <li>• NPTEL Videos</li> <li>• Demo</li> <li>• Practical Demonstration</li> </ul>	<a href="https://archive.nptel.ac.in/courses/105/105/105105201/">https://archive.nptel.ac.in/courses/105/105/105105201/</a>
2.	D Mythili & Assistant Professor	Geotechnical Engineering I	<ul style="list-style-type: none"> <li>• PPT</li> <li>• NPTEL Videos</li> <li>• Demo</li> <li>• Practical Demonstration</li> </ul>	<a href="https://archive.nptel.ac.in/courses/105/101/105101201/">https://archive.nptel.ac.in/courses/105/101/105101201/</a>
3.	S Rajkumar & Assistant Professor	Mechanics of Solids	<ul style="list-style-type: none"> <li>• PPT</li> <li>• NPTEL Videos</li> </ul>	<a href="https://archive.nptel.ac.in/courses/105/104/105104160/">https://archive.nptel.ac.in/courses/105/104/105104160/</a>
4.	A Subramanian & Assistant Professor	Concrete Technology	<ul style="list-style-type: none"> <li>• PPT</li> <li>• NPTEL Videos</li> <li>• Demo</li> <li>• Practical Demonstration</li> </ul>	<a href="https://archive.nptel.ac.in/courses/105/102/105102012/">https://archive.nptel.ac.in/courses/105/102/105102012/</a>
5.	P Sathiya Narayanan & Assistant Professor	Advanced Surveying	<ul style="list-style-type: none"> <li>• PPT</li> <li>• Projector</li> <li>• Software Demo</li> </ul>	<a href="https://nptel.ac.in/courses/105104100">https://nptel.ac.in/courses/105104100</a>
6.	N Mythily & Assistant Professor	Applied Hydraulics Engineering	<ul style="list-style-type: none"> <li>• PPT</li> <li>• NPTEL Videos</li> </ul>	<a href="https://nptel.ac.in/courses/105105203">https://nptel.ac.in/courses/105105203</a>



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7.	G Chandrasekaran & Assistant Professor	Air Pollution and Control Engineering	<ul style="list-style-type: none"> <li>• PPT</li> <li>• NPTEL Videos</li> <li>• Demo</li> <li>• Practical Demonstration</li> </ul>	<a href="https://archive.nptel.ac.in/courses/105/107/105107213/">https://archive.nptel.ac.in/courses/105/107/105107213/</a>
8.	R Mohanraj & Assistant Professor	Waste water Engineering	<ul style="list-style-type: none"> <li>• PPT</li> <li>• NPTEL Videos</li> <li>• Demo</li> <li>• Practical Demonstration</li> </ul>	<a href="https://archive.nptel.ac.in/courses/105/105/105105178/">https://archive.nptel.ac.in/courses/105/105/105105178/</a>
9.	M Roobhalavanya & Assistant Professor	Highway Engineering	<ul style="list-style-type: none"> <li>• PPT</li> <li>• NPTEL Videos</li> </ul>	<a href="https://nptel.ac.in/courses/105101087">https://nptel.ac.in/courses/105101087</a>
10.	N Vanathi & Assistant Professor	Irrigation Engineering	<ul style="list-style-type: none"> <li>• PPT</li> <li>• NPTEL Videos</li> <li>• Demo</li> <li>• Practical Demonstration</li> </ul>	<a href="https://nptel.ac.in/courses/126105010">https://nptel.ac.in/courses/126105010</a>
11.	S Arunkumar & Assistant Professor	Mechanics of Solids II	<ul style="list-style-type: none"> <li>• PPT</li> <li>• Projector</li> <li>• Software Demo</li> </ul>	<a href="https://archive.nptel.ac.in/courses/105/104/105104160/">https://archive.nptel.ac.in/courses/105/104/105104160/</a>
12.	P Senthilkumar & Assistant Professor	Structural Analysis II	<ul style="list-style-type: none"> <li>• PPT</li> <li>• NPTEL Videos</li> </ul>	<a href="https://archive.nptel.ac.in/courses/105/105/105105109/">https://archive.nptel.ac.in/courses/105/105/105105109/</a>
13.	P Mohanapriya & Assistant Professor	Maintenance, Repair and Rehabilitaon of structures	<ul style="list-style-type: none"> <li>• PPT</li> <li>• NPTEL Videos</li> <li>• Demo</li> <li>• Practical Demonstration</li> </ul>	<a href="https://archive.nptel.ac.in/courses/105/106/105106202/">https://archive.nptel.ac.in/courses/105/106/105106202/</a>

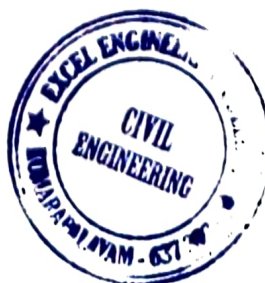


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14.	S Sasikumar & Assistant Professor	Design of Steel Structural Elements	<ul style="list-style-type: none"> <li>• PPT</li> <li>• NPTEL Videos</li> <li>• Demo</li> <li>• Practical Demonstration</li> </ul>	<a href="https://nptel.ac.in/courses/105105162">https://nptel.ac.in/courses/105105162</a>
15.	D Arulshankaran & Assistant Professor	Professional Ethics in Engineering	<ul style="list-style-type: none"> <li>• PPT</li> <li>• NPTEL Videos</li> </ul>	<a href="https://nptel.ac.in/courses/110105097">https://nptel.ac.in/courses/110105097</a>
16.	A Tamilarasan & Assistant Professor	Structural Analysis I	<ul style="list-style-type: none"> <li>• PPT</li> <li>• NPTEL Videos</li> <li>• Demo</li> <li>• Practical Demonstration</li> </ul>	<a href="https://archive.nptel.ac.in/courses/105/105/105105166/">https://archive.nptel.ac.in/courses/105/105/105105166/</a>
17.	P K Ranganathan & Assistant Professor	Environmental and Agricultural	<ul style="list-style-type: none"> <li>• PPT</li> <li>• Projector</li> <li>• Software Demo</li> </ul>	<a href="https://nptel.ac.in/courses/126105014">https://nptel.ac.in/courses/126105014</a>
18.	P A Srinivasan & Assistant Professor	Surveying II	<ul style="list-style-type: none"> <li>• PPT</li> <li>• NPTEL Videos</li> </ul>	<a href="https://nptel.ac.in/courses/105107122">https://nptel.ac.in/courses/105107122</a>
19.	V Vignesh Prabhu & Assistant Professor	Design of Reinforced Cement Concrete Elements	<ul style="list-style-type: none"> <li>• PPT</li> <li>• Projector</li> <li>• Software Demo</li> </ul>	<a href="https://archive.nptel.ac.in/courses/105/105/105105105/">https://archive.nptel.ac.in/courses/105/105/105105105/</a>
20.	R Shobhana & Assistant Professor	Construction Materials	<ul style="list-style-type: none"> <li>• PPT</li> <li>• NPTEL Videos</li> </ul>	<a href="https://archive.nptel.ac.in/courses/105/106/105106206/">https://archive.nptel.ac.in/courses/105/106/105106206/</a>



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## DEPARTMENT OF CIVIL ENGINEERING

### M.E STRUCTURAL ENGINEERING

#### List of Faculty members using ICT for Teaching

SL. NO	NAME	NAME OF THE SUBJECT	ICT TOOLS USED	URL
1.	Dr S Shanmugasundaram & Professor, Head	Maintenance and Rehabilitations of Structures	<ul style="list-style-type: none"><li>• PPT</li><li>• NPTEL Videos</li></ul>	<a href="https://archive.nptel.ac.in/content/storage2/courses/pmr/105106202/noc22-ce12_week1.pdf">https://archive.nptel.ac.in/content/storage2/courses/pmr/105106202/noc22-ce12_week1.pdf</a>
2.	K Sabarinathan & Assistant Professor	Wind and Cyclone Effects on Structures	<ul style="list-style-type: none"><li>• PPT</li><li>• NPTEL Videos</li></ul>	<a href="https://archive.nptel.ac.in/courses/105/104/105104189/">https://archive.nptel.ac.in/courses/105/104/105104189/</a>
3.	S M Sakthivel & Assistant Professor	Prefabricated Structures	<ul style="list-style-type: none"><li>• PPT</li><li>• NPTEL Videos</li></ul>	<a href="https://nptel.ac.in/courses/124105013">https://nptel.ac.in/courses/124105013</a>



  
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## DEPARTMENT OF CIVIL ENGINEERING M.E ENVIRONMENTAL ENGINEERING List of Faculty members using ICT for Teaching

SL. NO	NAME	NAME OF THE SUBJECT	ICT TOOLS USED	URL
1.	Dr N Sengottaian & Professor	Environmental Chemistry	<ul style="list-style-type: none"><li>PPT</li><li>NPTEL Videos</li></ul>	<a href="https://nptel.ac.in/courses/104103020">https://nptel.ac.in/courses/104103020</a>
2.	K Saranya & Assistant Professor	Environmental Microbiology	<ul style="list-style-type: none"><li>PPT</li><li>NPTEL Videos</li></ul>	<a href="https://nptel.ac.in/courses/105107173">https://nptel.ac.in/courses/105107173</a>
3.	P Varatharajan & Assistant Professor	Design of Physico- Chemical Treatment Systems	<ul style="list-style-type: none"><li>PPT</li><li>NPTEL Videos</li></ul>	<a href="https://onlinecourses.nptel.ac.in/noc22_ch25/preview">https://onlinecourses.nptel.ac.in/noc22_ch25/preview</a>

  
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