



EXCEL ENGINEERING COLLEGE

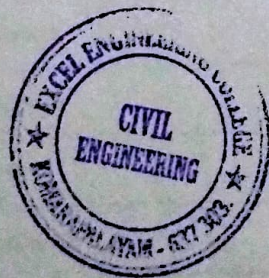
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Department of Civil Engineering

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-Learning resources etc (ACADEMIC YEAR 2022-23)

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 2022-23

LIST OF TEACHERS ON ROLL PROGRAM WISE IN UG AND PG

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.	P Sathiya Narayanan	Assistant Professor
5.	N Mythily	Assistant Professor
6.	G Chandrasekaran	Assistant Professor
7.	R Mohanraj	Assistant Professor
8.	M Roobhalavanya	Assistant Professor
9.	N Vanathi	Assistant Professor
10.	P Senthilkumar	Assistant Professor
11.	P Mohanapriya	Assistant Professor
12.	S Sasikumar	Assistant Professor
13.	D Arulshankaran	Assistant Professor
14.	A Tamilarasan	Assistant Professor
15.	P A Srinivasan	Assistant Professor

PG : M.E - Structural Engineering		
1.	Dr S Shanmugasundaram	Professor & HOD
2.	K Sabarinathan	Assistant Professor
3.	S M Sakthivel	Assistant Professor
4.	S Arunkumar	Assistant Professor
PG : M.E - Environmental Engineering		
1.	Dr N Sengottaian	Professor
2.	K Saranya	Assistant Professor
3.	P Varatharajan	Assistant Professor
4.	K Poornima	Assistant Professor
UG : General Engineering		
1.	Mr. V. Vignesh Prabhu	Assistant Professor
2.	Ms. R. Shobana	Assistant Professor
3.	Mrs R Mohanapriya	Assistant Professor
4.	Mrs S Prema	Assistant Professor



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DEPARTMENT OF CIVIL ENGINEERING ACADEMIC YEAR 2022-23

B.E CIVIL ENGINEERING LIST OF FACULTY MEMBERS USING ICT FOR TEACHING

SL. NO	NAME	NAME OF THE SUBJECT	TOPICS	ICT TOOLS USED
1	C Arun Doss	Green Building	Green Building and its importance	PPT NPTEL Videos Demo Practical Demonstration
2	D Mythili	Geotechnical Engineering I	Phase Relationship	PPT NPTEL Videos Demo Practical Demonstration
3	S Rajkumar	Mechanics of Solids	Types of loads	PPT NPTEL Videos
4	P Sathiya Narayanan	Advanced Surveying	Total Station	PPT Projector Software Demo
5	N Mythily	Applied Hydraulics Engineering	Turbines	PPT NPTEL Videos
6	G Chandrasekaran	Air Pollution and Control Engineering	Air pollution types	PPT NPTEL Videos Demo Practical Demonstration
7	R Mohanraj	Environmental Engineering II	Water treatment process	PPT NPTEL Videos Demo Practical Demonstration
8	M Roobhalavanya	Highway Engineering	Superelevation	PPT NPTEL Videos
9	N Vanathi	Irrigation Engineering	Types of irrigation	PPT NPTEL Videos Demo Practical Demonstration



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10	P Senthilkumar	Structural Analysis II	Influence lines	PPT NPTEL Videos
11	P Mohanapriya	Maintenance, Repair and Rehabilitaon of structures	Flow chart for repair of buildings	PPT NPTEL Videos Demo Practical Demonstration
12	S Sasikumar	Design of Steel Structural Elements	Bolted connections	PPT NPTEL Videos Demo Practical Demonstration
13	D Arulshankaran	Professional Ethics in Engineering	Ethics	PPT NPTEL Videos
14	A Tamilarasan	Structural Analysis I	Shear force and bending moment	PPT NPTEL Videos Demo Practical Demonstration
15	P A Srinivasan	Surveying II	GPS	PPT NPTEL Videos
UG General Engineering				
1	Mr. V. Vignesh Prabhu	Engineering Mechanics	Free body diagram	PPT NPTEL Videos
2	Ms. R. Shobana	Environmental Science	Pollution and its types	PPT NPTEL Videos
3	Mrs R Mohanapriya	Engineering Graphics	Section & Elevation details	PPT NPTEL Videos
4	Mrs S Prema	Basic of Civil	Types of bond	PPT NPTEL Videos



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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	TOPICS	ICT TOOLS USED
1.	Dr N Sengottaian	Environmental Chemistry	Chemistry and its impacts	PPT NPTEL Videos
2.	K Saranya	Environmental Microbiology	Microbiology	PPT NPTEL Videos
3.	P Varatharajan	Design of Physico - Chemical Treatment Systems	Advanced treatment of waste water	PPT NPTEL Videos
4.	K Poornima	Municipal Solid waste management	Advanced methods	PPT NPTEL Videos



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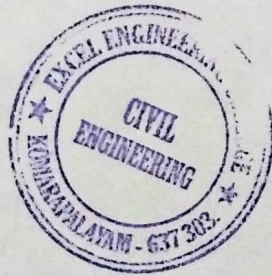


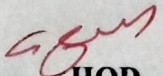
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M.E STRUCTURAL ENGINEERING
List of Faculty members using ICT for Teaching

SL. NO	NAME	NAME OF THE SUBJECT	TOPICS	ICT TOOLS USED
1.	Dr S Shanmugasundaram	Maintenance and Rehabilitations of Structures	Case study on rehabilitation	PPT NPTEL Videos
2.	K Sabarinathan	Wind and Cyclone Effects on Structures	Wind and cyclone	PPT NPTEL Videos
3.	S M Sakthivel	Prefabricated Structures	Importance of PFS	PPT NPTEL Videos
4.	S Arunkumar	Finite Element Analysis	FEM	PPT NPTEL Videos




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ACADEMIC YEAR 2022-23

ICT Tools Available

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



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ACADEMIC YEAR: 2022-23

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

ICT Specification in CADD Lab

S. No.	Name of the ICT Facilities	Brand Name	Specification	QTY
1	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

ICT Specification in CLASS ROOM

S. No.	Name of the ICT Facilities	Brand Name	Specification	QTY
1	Projector LCD	InFocus X16 Projector	Resolution: 800x600 Projector Size:11 cm x 23 cm x 26 cm Display Type:2 cm DLP (1) Image Size:122 cm - 300 cm Video Modes:1080i, 720p, 576p, 576i, 480p, 480i Data Modes: MAX 1400x1050	5



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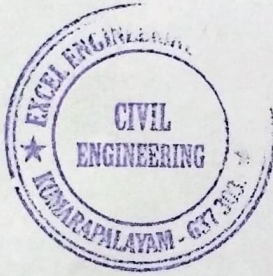
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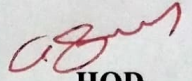
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Academic Year: 2022-23

List of Smart Class Rooms

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




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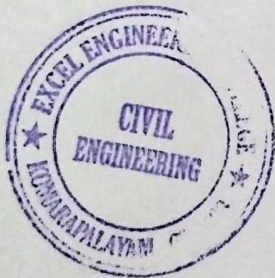
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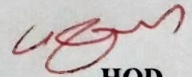
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Department of Civil Engineering ACADEMIC YEAR 2022-23

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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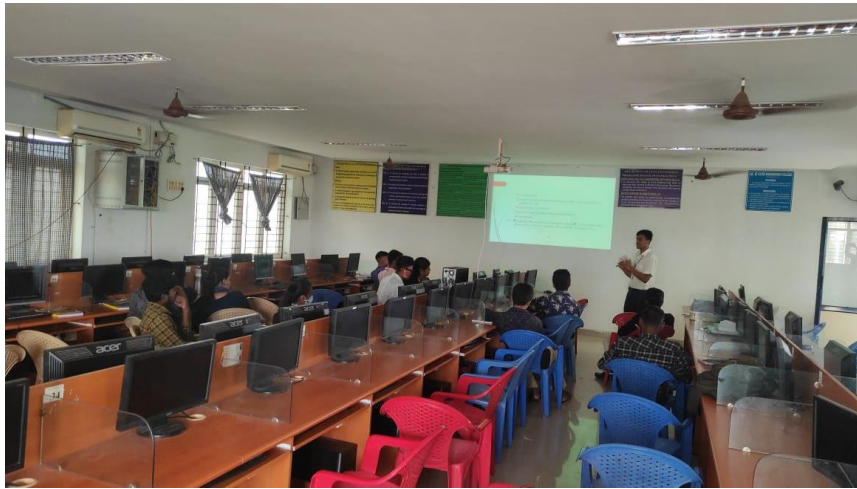
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ACADEMIC YEAR: 2022-23

2.3.2 ICT Tools Usage

PPT



Practical Demonstration



Demo

