



EXCEL ENGINEERING COLLEGE  
(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Accredited by NBA (Aero, CSE, ECE & Mech), NAAC with "A+" and Recognised by UGC (2f &12B)  
KOMARAPALAYAM - 637303

**FACULTY TEACHING LEARNING VIDEOS**

**ACADEMIC YEAR 2023-24**

<u>S.No</u>	Name of the faculty	Name of the subject	Topics	ICT tools used	Innovation in teaching	You tube link
<b>UG B.E CIVIL ENGINEERING</b>						
1	Dr S Shanmugasundaram	Concrete Technology	Mix proportioning	Video Lecture	Field Visit.	<a href="https://youtu.be/1VxrIKD-dRg">https://youtu.be/1VxrIKD-dRg</a>
2	Dr.P.Loganathan	Mechanics of Solids	Shear force and bending moment	Video Lecture	E Content Presentation.	<a href="https://youtu.be/pcT7WK5Dz98?si=p8NpA5jiAY7cBvxD">https://youtu.be/pcT7WK5Dz98?si=p8NpA5jiAY7cBvxD</a>
3	S Rajkumar	Mechanics of Solids	Types of loads	Video Lecture	Laboratory demonstration.	-
4	P Sathiya Narayanan	Advanced Surveying	Total Station	Software Demo	Field survey and survey camp	-
5	N Mythily	Applied Hydraulics Engineering	Turbines	Video Lecture	Theory and laboratory integrated. Industrial visits enable more practical knowledge.	<a href="https://youtu.be/7OQui5940Zk">https://youtu.be/7OQui5940Zk</a>
6	G Chandrasekaran	Air Pollution and Control Engineering	Air pollution types	Demo Practical Demonstration	E Content Presentation.	-
7	R Mohanraj	Environmental Engineering II	Water treatment process	Demo Practical Demonstration	Field visits	-
8	M Roobhalavanya	Highway	Super elevation	Video Lecture	Theory and laboratory	-



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		Engineering			integrated. Road site visits enhance the practical knowledge.	
9	N Vanathi	Irrigation Engineering	Types of irrigation	Demo Practical Demonstration	Field visits	-
10	P Senthilkumar	Structural Analysis II	Influence lines	Video Lecture	E Content Presentation.	-
11	P Mohanapriya	Maintenance, Repair and Rehabilitaon of structures	Flow chart for repair of buildings	Demo Practical Demonstration	Field visits	-
12	S Sasikumar	Design of Steel Structural Elements	Bolted connections	Demo Practical Demonstration	Industrial visits to gain more practical knowledge about connections.	<a href="https://youtu.be/8W1uluDVChE?si=gGXcg27ZGKcltAek">https://youtu.be/8W1uluDVChE?si=gGXcg27ZGKcltAek</a>
13	D Arulshankaran	Professional Ethics in Engineering	Ethics	Video Lecture	E Content Presentation.	-
14	A Tamilarasan	Structural Analysis I	Shear force and bending moment	Demo Practical Demonstration	E Content Presentation.	-
15	P A Srinivasan	Surveying II	GPS	Video Lecture	Theory and laboratory integrated.  Field survey in survey camp improve the field exposure.	-
16	D Mythili	Geotechnical	Phase	Demo Practical	Field visits	<a href="https://youtu.be">https://youtu.be</a>



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		Engineering I	Relationship	Demonstration		e/tiLGKXJrT5s
17	K Sabarinathan	Wind and Cyclone Effects on Structures	Wind and cyclone	Video Lecture	E Content Presentation.	<a href="https://youtu.be/zPIIdci920JE">https://youtu.be/zPIIdci920JE</a>
18	S M Sakthivel	Prefabricated Structures	Importance of PFS	Video Lecture	Industrial visits to gain more practical knowledge on prefabrication.	<a href="https://youtu.be/w8FuF9jyiMw">https://youtu.be/w8FuF9jyiMw</a>
19	S Arunkumar	Engineering mechanics	Moment of inertia	Video Lecture	E Content Presentation.	<a href="https://youtu.be/9cuGdL_qP8U?si=BIdyepQhhQEX2-qy">https://youtu.be/9cuGdL_qP8U?si=BIdyepQhhQEX2-qy</a>
20	Dr N Sengottaian	Remote sensing and GIS	Aerial photography	Video Lecture	E Content Presentation.	-
21	K Saranya	Environmental Engineering	Rapid sand filter	Video Lecture	E Content Presentation.	-
22	P Varatharajan	Environmental Engineering	Drinking water standards	Video Lecture	E Content Presentation.	-
23	K Poornima	Municipal Solid waste management	Advanced waste management	Video Lecture	E Content Presentation.	
24	C Arun Doss	Green Building	Green Building and its importance	Demo Practical Demonstration	Field visits	<a href="https://youtu.be/BPpkhBA_iIM?si=Sk49yVexQuN7t4RA">https://youtu.be/BPpkhBA_iIM?si=Sk49yVexQuN7t4RA</a>