Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY, KALADY
Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University
Vidya Bharathi Nagar, Kalady, Ernakulam, Kerala
www.adishankara.ac.in

DEPARTMENT OF CIVIL ENGINEERING

INNOVATIVE TEACHING METHODS 2022-2023

Sl. No	Name of Faculty	Class & Semester	Name of Course	Innovative method
1	Aneesh P C	S5 CE	Structural Analysis I	Flipped Class Quiz Course Projects
2	Dr. Dhanasekar K	S5 CE	Hydrology & Water Resources Engineering	Involvement of students in research activities Course project
3	Dr. A N Swaminathen	S5 CE	Construction Technology & Management	Lab based learning
4	Jyothi Lekshmi R	S5 CE	Geotechnical Engineering II	Seminar Chart Preparation
		S7 CE	Ground Improvement Techniques	Group Discussions
5	Gisha George	S3 CE	Civil Engineering Planning & Drafting Lab	Activity based learning
6	Abhishek Kumar A A	S3 CE	Mechanics of Solids	Lab based learning Course Project Activity based learning
7	Jeeva P Winto	S3 CE	Design & Engineering	Work Book Case study Peer learning Seminar
8	Akhila Vijayan	S6 CE	Transportation Engineering Lab	Group discussions Course Project
9	Shabnum Suhura Shamsudeen	S2 CE	Life Skill	Peer learning Seminar
		S3 CE	Fluid Mechanics	Lab based learning Course Project

10	Reema Pius	S5 CE	Disaster Management	Debate
		S6 CE	Comprehensive Viva Voice	Worksheets
11	Harshananda T N	S7 CE	Industrial Safety Engineering	Case Study Real life based tutorials Course Project Role Play Short Note Techniques
		S7 CE	Environmental Engineering Lab	Activity based learning
		S3 CE	Surveying and Geomatics	Video Lectures Role Play
		S8 CE	Air Quality Management	Flipped Classroom
12	Clydin P A	S3 CE	Sustainable Engineering	Flipped Classroom Debate
		S3 CE	Civil Engineering Planning & Drafting Lab	Activity based learning
		S8 CE	Repair & Rehabilitation of Building	Video demonstrations
13	Dona Joy	S7 CE	Environmental Engineering Lab	Activity based learning
		S8 CE	Airport Seaport & Harbour Engineering	Expert lecture
14	Rosmin Thomas	S8 CE	Quantity Surveying & Valuation	Peer Learning
15	Veena S Kumar	S3 CE	Survey Lab	Activity based learning
16	Devika B	S3 CE	Survey Lab	Activity based learning
		S6 CE	Environmental Engineering	Quiz
17	Anna Varghese	S4 CE	Engineering Geology	Crosswords Activity based learning

Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY, KALADY
Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University
Vidya Bharathi Nagar, Kalady, Ernakulam, Kerala
www.adishankara.ac.in

DEPARTMENT OF CIVIL ENGINEERING

INNOVATIVE TEACHING METHODS 2020-2021

Sl. No	Name of Faculty	Class & Semester	Name of Course	Innovative method
1	Dr. P K Suresh	S3 CE	Fluid Mchanics	Video Lectures
2	Jyothi Lekshmi R	S3 CE	Civil Engineering Planning & Drafting Lab	Remote Access to student Desktops
		S6 CE	Computer Aided Civil Engineering software Lab	Remote Access to student Desktops
3	Abin Joy	S3 CE	Design & Engineering	Work Book
		S4 CE	Constitution of India	Group Discussions
4	Abhishek Kumar A A	S3 CE	Mechanics of Solids	Course Project Activity based learning
		S6 CE	Ground Improvement Techniques	Course Project on socially relevant issue
5	Shabnum Suhura Shamsudeen	S5 CE	Water Resources Engineering	Course Projects Mnemonics
		S3 CE	Survey Lab	Virtual lab Demonstrations
		S6 CE	Design of Hydraulic Structures	Course Project – Case study
		S4 CE	Material Testing Lab	Quiz worksheet
6	Harshananda T N	S5 CE	Geomatics	Activity Based Leraning Website References

		S4 CE	Engineering Geology	Website References Crossword Video lectures Glossary
		S4 CE	Material Testing Lab	Quiz worksheet
7	Seena Mani	S6 CE	Design of concrete Structures II	Activity based Learning

Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY, KALADY
Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University
Vidya Bharathi Nagar, Kalady, Ernakulam, Kerala
www.adishankara.ac.in

DEPARTMENT OF CIVIL ENGINEERING

INNOVATIVE TEACHING METHODS 2021-2022

Sl. No	Name of Faculty	Class & Semester	Name of Course	Innovative method
1	Aneesh P C	S7 CE	Environmental Impact Assessment	Role Play Debate
2	Dr. Dhanasekar K	S5 CE	Hydrology and Water Resources Engineering	Blended Learning
		S6 CE	Design of Hydraulic Structures	Course Project
3	Dr. Manu S Nadesan	S5 CE	Design of Concrete Structures	Quiz
		S8 CE	Civil Engineering Project management	Peer Teaching
4	Jyothilekshmi R	S5 CE	Geotechnical Engineering II	Charts, Models
5	Abin Joy	S5 CE	Construction Technology and Management	Group Discussions
		S3 CE	Survey lab	Animation Videos,PPTs
6	Abishek Kumar A A	S7 CE	Environmental Engineering I	Learning through Community Issues
		S3 CE	Survey lab	Animation Videos,PPTs
		S6 CE	Comprehensive Course Work	Interview Method
7	Akhila Vijayan	S3 CE	Fluid Mechanics	Animated Videos, Online Platforms
		S6 CE	Environmental Impact Assessment	Role Play Debates

8	Jeeva P Winto	S7 CE	Transportation Engineering	Seminars
9	Shabnum Suhura Shamsudheen	S3 CE	Mechanics of Solids	Quiz and Reward Method
		S8 CE	Town and Country Planning	Seminars
		S4 CE	Geotechnical Engineering I	Most Unclear Point Technique
		S3 CE	Survey lab	Animation Videos,PPTs
		S4 CE	Fluid mechanics Lab	Use of Virtual Lab facility
10	Harshananda T N	S3 CE	Surveying and Geomatics	Flash card Techniques
		S7 CE	Environmental Engineering Lab	Activity Based Learning
		S6 CE	Comprehensive Course Work	Interview Method
		S8 CE	Municipal Solid Waste Management	The Pause Procedure
11	Clydin P A	S6 CE	Civil Engineering Software Lab	Remote Access to Desktop
		S6 CE	Structural Analysis II	Flash card Techniques
12	Dona Joy	S5CE	Disaster Management	Inquiry-based learning
		S4 CE	Transportation Engineering	Classroom discussions
13	Ammu David	S3 CE	Design and Engineering	Design Thinking Practices
		S4 CE	Constitution of India	Interview methods Debates
14	Rosmin Thomas	S4 CE	Engineering Geology	Activity Based Learning
15	Veena S Kumar	S4 CE	Fluid mechanics Lab	Use of Virtual Lab facility