

Innovative Teaching & Learning Practices

Hands on Training – performed various test on cement, fine and coarse aggregate

Subject Code & Title: U19CE31 – Concrete Technology

Faculty Name: S. Vinoth

Class & Sem: 2 year / 3rd Semester

Number of Students: 65

Topic: Test on cement, Test on fine and coarse aggregates



Course Objective:

1. To learn the tests to be carried out on various concrete making materials as per IS code provisions and to understand their properties.
2. To study the properties of fresh and hardened concrete.
3. To know about various methods of mix design for concrete.

Course Outcome:

Upon successful completion of this course, the student will be able to:

1. Understand the various requirements of cement aggregate and water for making concrete
2. Know the effect of admixtures on properties of concrete
3. Understand the concept and procedure of mix design as per IS method
4. Learn the properties of concrete at fresh and hardened state
5. Know the importance and application of special concrete and special concreting methods.

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Hands on Training – Electrical Layout drawing using AutoCAD

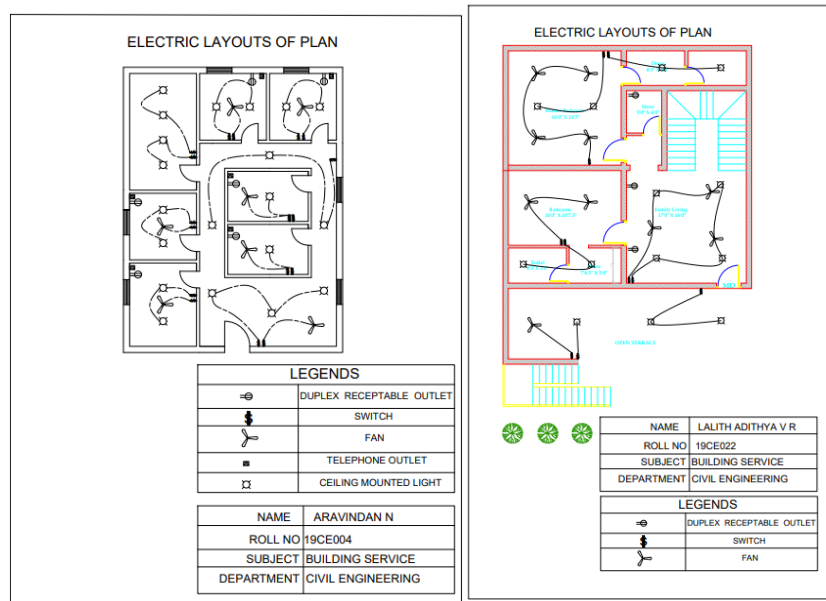
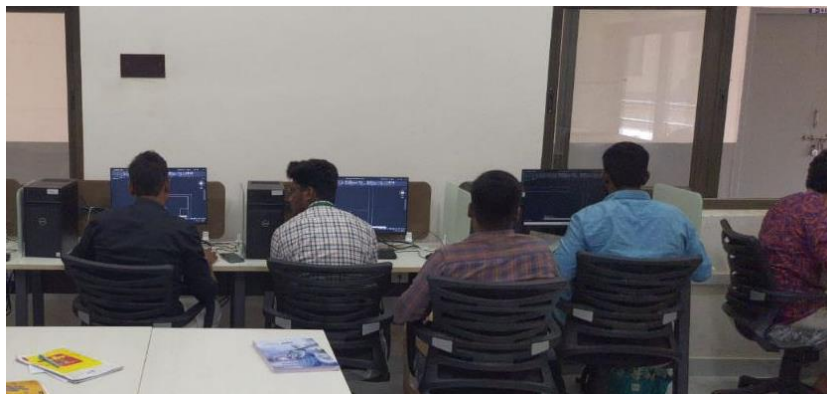
Subject Code & Title: U19CEP16 – Building Services

Faculty Name: S. Vinoth

Class & Sem: 3rd year / 6th Semester

Number of Students: 25

Topic: Electrical layout Installations and Drawings



Course Objective:

1. To acquire the knowledge on building services
2. To know the various types of mechanical and electrical services
3. To understand the importance of fire protection and green buildings

Course Outcome:

Upon successful completion of this course, the student will be able to:

1. Understand the various types of building services.
2. Outline the electrical services requirements for a given building.
3. Plan various types of mechanical services as per requirements of building.
4. Summarize the fire protection and acoustics services of a building.
5. Apply green building technology aspects.