
 CK College of Engineering and Technology Approved by AICTE, Affiliated to Anna University, Chennai. Jayaram Nagar, Chellangkuppam, Cuddalore 607 003			
Internal Assessment (Section A – 40%)	<input type="checkbox"/> DCA-I (Sec A) / <input type="checkbox"/> DCA-II (Sec A)	Academic Year	
Course Code & Title			
Year / Semester / Section		Department	
Reg. No.		Date	Session

Case Study

OBJECTIVE

To provide opportunity to the learner to use concepts on situations that demand one to analyze (K4) that required one to think based upon the problem identified in the society / Industry by referring various Journals / articles

OUTCOME

Then learners can demonstrate their understanding of and need for sustainable development by analysing the impact of professional engineering solutions in social and industrial situations.

Sl.No	Criteria	Mark Allocated	Mark Obtained
1.	Problem Identification	05	
2.	Content preparation	10	
3.	Content Presentation	10	
4.	Viva-Voce	10	
5.	Report	05	
Total		40	

Course Outcome (S)							TOTAL
Maximum Marks							
Mark Obtained							

Name & Signature of Evaluator

CK College of Engineering and Technology

Vision

To impart world class education to students and be respected as a thought leader in the field of higher education in India

Mission

- Using IY technique, learn continually, harvest new ideas and execute them practically to provide world class education to students
- Using IY technique, strengthen technical and managerial thinking, enhance research and innovate to reach intellectual excellence.

Motto

The world has shrunk into a global village with excellent communication technology. In this scenario, India is constantly striving to become a world power. CK College of Engineering and Technology keeps pace with these developments by providing the right technical education to students in order to make them contribute to the welfare of society.

Quality Policy

CK College of Engineering and Technology is committed to provide value-based education in the areas of Engineering, Technology and Management and to instil discipline in students through faculty members by setting global standards. This results in making students technically superior and emotionally strong.

Core Values

Respect || Ethical behaviour || Excellence || Innovation || Emotional Intelligence || Think big

Engineering Attributes

1. **Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

2. **Problem Analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.

3. **Design/ Development of Solutions:** Design solutions for complex engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.

4. **Conduct investigations of complex problems** using research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions.

5. **Modern Tool Usage:** Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

6. **The Engineer and Society:** Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.

7. **Environment and Sustainability:** Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.

8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.

9. **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams and in multi-disciplinary settings.

10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.

11. **Project Management and Finance:** Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. **Life-long Learning:** Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.