

SNS COLLEGE OF TECHNOLOGY



Coimbatore-35. An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A++' Grade Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

COURSE NAME : 19GET201 PROFESSIONAL ETHICS & HUMAN VALUES

IV YEAR/ VII SEMESTER

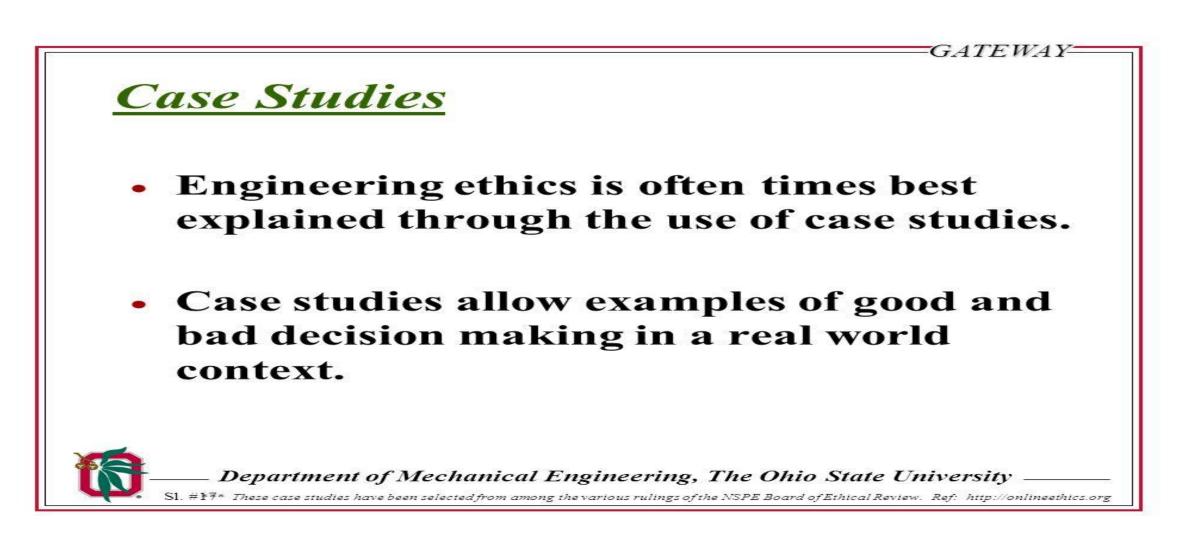
UNIT – II ENGINEERING AS SOCIAL EXPERIMENTATION

TOPIC: Case Studies

19GET201 - Professional Ethics and Human Values/Mrs.R.Gayathri/ECE/SNSCT







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The Boston "Big Dig" (1991–2007)

Background: The Central Artery/Tunnel Project, known as the "Big Dig," was a massive infrastructure project in Boston that rerouted the city's main highway into a 3.5-mile tunnel. The project was plagued by cost overruns, design flaws, leaks, and delays.

Social Experimentation Aspect: The Big Dig was an experiment in urban planning and large-scale civil engineering, testing new construction techniques and materials in a highly complex urban environment.





Ethical Considerations: The project raised ethical questions about transparency, accountability, and the responsible use of public funds. Issues like corruption, poor project management, and inadequate oversight were central to the ethical challenges faced.

Outcome: Despite its challenges, the Big Dig significantly improved traffic flow in Boston. The project led to reforms in public infrastructure projects, including better oversight and accountability measures.







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