

FOURTH YEAR - SEMESTER – VIII

AC 803	ACOUSTICS	(L=2,S=0,W=1)	CREDITS= 02
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INTERNAL ASSESSMENT(ASSIGNMENTS,QUIZ) = 50 **CONTACT HRS/WK = 03**
UNIVERSITY EXAMINATION = 50

Focus: Understanding sound control as an important element in creating comfortable functional spaces.

Contents: Sound -Properties of Sound , room acoustics . Acoustical defects, sound absorbing materials and sound proof construction.

Reverberation, Reverberation time for speech and music and its calculation.

Acoustical requirement of various building type.

Understanding Auditorium design – defects, ways of overcoming these defects.

Noise Control : Means and measures for control, noise insulation, noise control requirements, constructional details and performance.

Environmental Noise Control

Method: Mainly lecture based. Case Studies and project work on auditorium design.

REFERENCES:

SR.NO.	TITLE	AUTHOR
01.	Environmental Acoustics & Arch.Design	Leshi L.Dodle
02.	Architectural Acoustics	David Egan
03.	Design for Good Acoustics	J.E.Moore