

ARCHITECTURAL ACOUSTICS



21-04-2021



11.00 AM TO 1.00 PM



Dr. Kalaiselvi Ph.D. (IIT-Madras)
Architect and Acoustic Consultant,
Associate professor,
Rajalakshmi school of Architecture



Meeting number: 184 313 1200
Password: sead2021



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Ar. Lokesh Mathivanan
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Ar. M. Asokkumar
H.O.D
CO-CONVENOR

Asst. Prof. Ar. Shalini
Asst. Prof. Ar. Vinusha V
CO-ORDINATOR

Guest Lecture Series

Title: ARCHITECTURAL
ACOUSTICS

Speaker:
Dr. KALAISELVI, Associate
Professor, Rajalakshmi School
of Architecture

Date: 21st April 2021

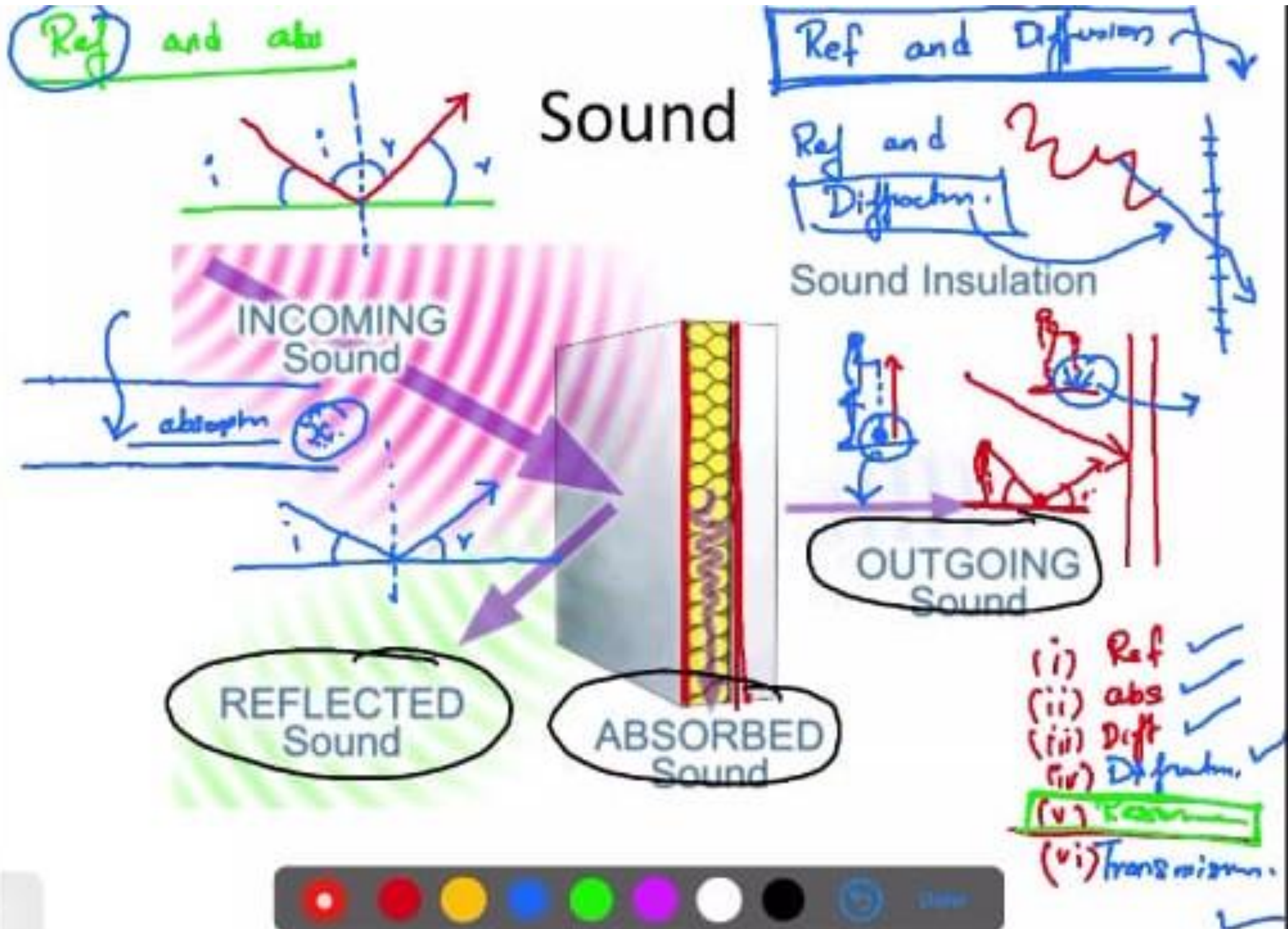
Day: Wednesday

Time: 11.00 am to 1.00pm

Target audience: IIIrd B.Arch
Students

**No. of participants
attended:** 60 - 70

Online Platform: Webex
Cisco



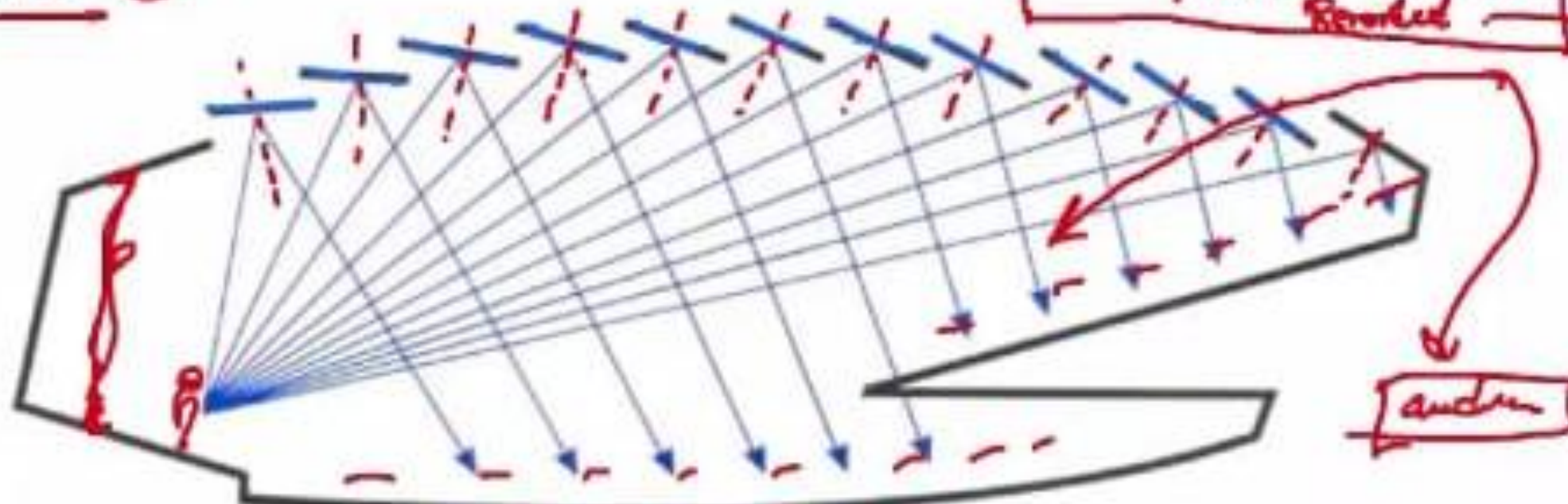
Reflection

Early Reflection → it will improve
Delayed Ref → Bad ?
Echo
after 60 milli seconds
Ref

Why Reflection?

Live

Auditorium and
Movie Theater
Recorded



Different reverberation time for speech



RT of 0.3 sec



RT of 0.6 sec



RT of 0.8 sec



RT of 1.2 sec



RT of 2.0 sec

good for music



Nothing



The image is a screenshot of a Webex mobile application interface during a video conference. At the top, there is a status bar with a back arrow, the Webex logo, and a red 'X' button. Below this is a header bar with a microphone icon and a camera icon. The main area displays four video feeds in a 2x2 grid. The top-left feed shows a woman with dark hair, identified as 'shalini ramakrishnan'. The top-right feed shows a woman with dark hair and a bindi, identified as 'Dr.Kalai'. The bottom-left feed shows a woman with dark hair, identified as 'Vinushaa V (host)'. The bottom-right feed shows a man with a mustache, identified as 'HOD Arch'. A status bar at the bottom of the grid indicates 'Speaking: Vinushaa V, shalini ramakrishnan...'. At the very bottom, there is a navigation bar with four circular buttons: a microphone icon, a camera icon, a three-dot menu icon, and a red 'X' button.

