



**ISTE STAFF CHAPTER [TN 205]
ACADEMIC YEAR 2021-22 (EVEN SEMESTER)
WEBINAR REPORT**

18.04.2022

A one day webinar titled “**Applications of Recycled Concrete Aggregate in Construction**” was organized by the ISTE Staff Chapter [TN 205] through YouTube live streaming on **07.04.2022** from 3.00p.m. to 4.00p.m. to the faculty members of Kings College of Engineering with an objective to offer a better understanding of Applications of Recycled Concrete Aggregate in Construction. Welcome address was delivered by Mrs.T.Gnanajeya, Coordinator / ISTE Chapter. The session was handled by eminent resource person **Ms.D.Shrividhya, Assistant Professor/Civil Engineering**. The resource person presented the concepts Introduction, Source of Aggregate, Procedure to obtain RCA (Recycled Concrete Aggregate), Manufacturing of Recycled Aggregate, Crashing of demolished concrete, Application of Recycled Aggregate, Use of Recycled Aggregate Concrete with example, Properties and various testing methods, Obstacles in use of RCA, Value Engineering Benefits and Advantages of RCA in excellent manner. Totally 17 faculty members actively participated in this session and gained knowledge about Applications of Recycled Concrete Aggregate in Construction. Vote of thanks was given by Mrs.T.Gnanajeya, Coordinator / ISTE Chapter. After the session participants gave the feedback through feedback link.

Webinar Highlights



WEBINAR BROCHURE

7:40 PM **KINGS** COLLEGE OF ENGINEERING **Webinar on Application of Recycled Concrete Aggregate in Construction**

WEBINAR ON "APPLICATIONS OF RECYCLED CONCRETE AGGREGATE IN CONSTRUCTION"

07.04.2022

BY
M.S.D.SHRIVIDHYA
ASSISTANT PROFESSOR / CIVIL
KINGS COLLEGE ENGINEERING
PUNALKULAM

Organized by ISTE Staff Chapter

3:08 PM

← ISTE STAFF WE... ▶

Shrividhya is presenting

3:16 PM

← ISTE STAFF WE... ▶

Demolished Concrete Block

→

Recycled Coarse Aggregate
More than 4.75 mm

Recycled Fine Aggregate
Less than 5 mm and over 0.15 mm.

Shrividhya is presenting

3:16 PM

← ISTE STAFF WE... ▶

Concrete blocks

Hopper

Grizzly feeder

Jaw crusher

Magnetic separator

Vibrating screen

Iron scrap

Particles over 20mm

Impact crusher

Recycled fine aggregate (0-5mm)

Recycled coarse aggregate (5-20mm)

Shrividhya is presenting

3:19 PM

← ISTE STAFF WEBINAR ▶

Shrividhya is presenting

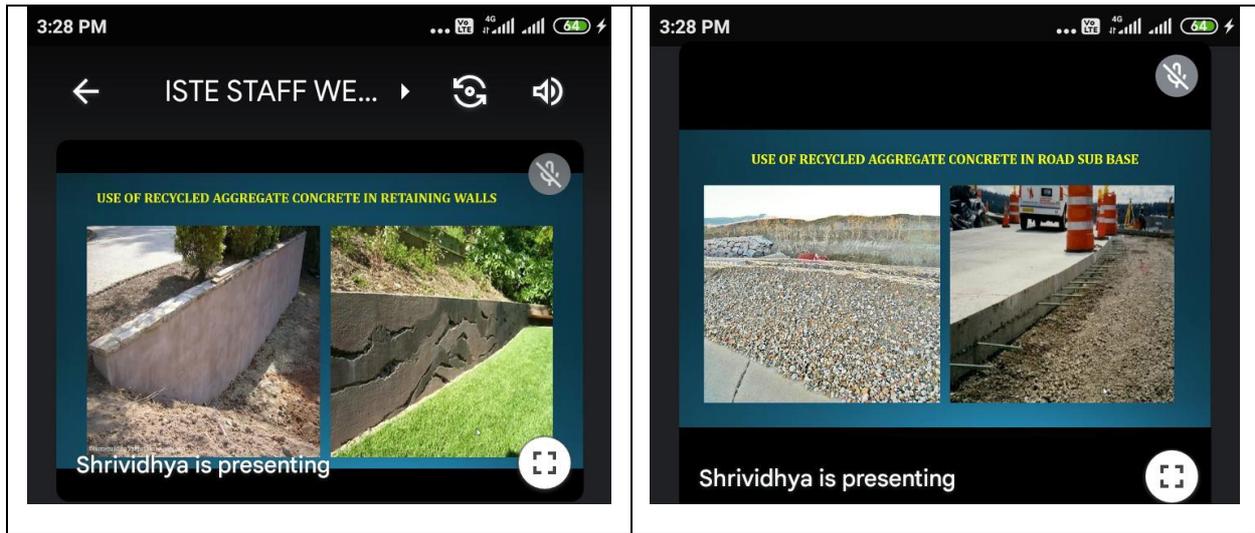
Shrividhya

3:27 PM

← ISTE STAFF WE... ▶

USE OF RECYCLED AGGREGATE CONCRETE IN WALKWAYS, DRIVEWAYS

Shrividhya is presenting

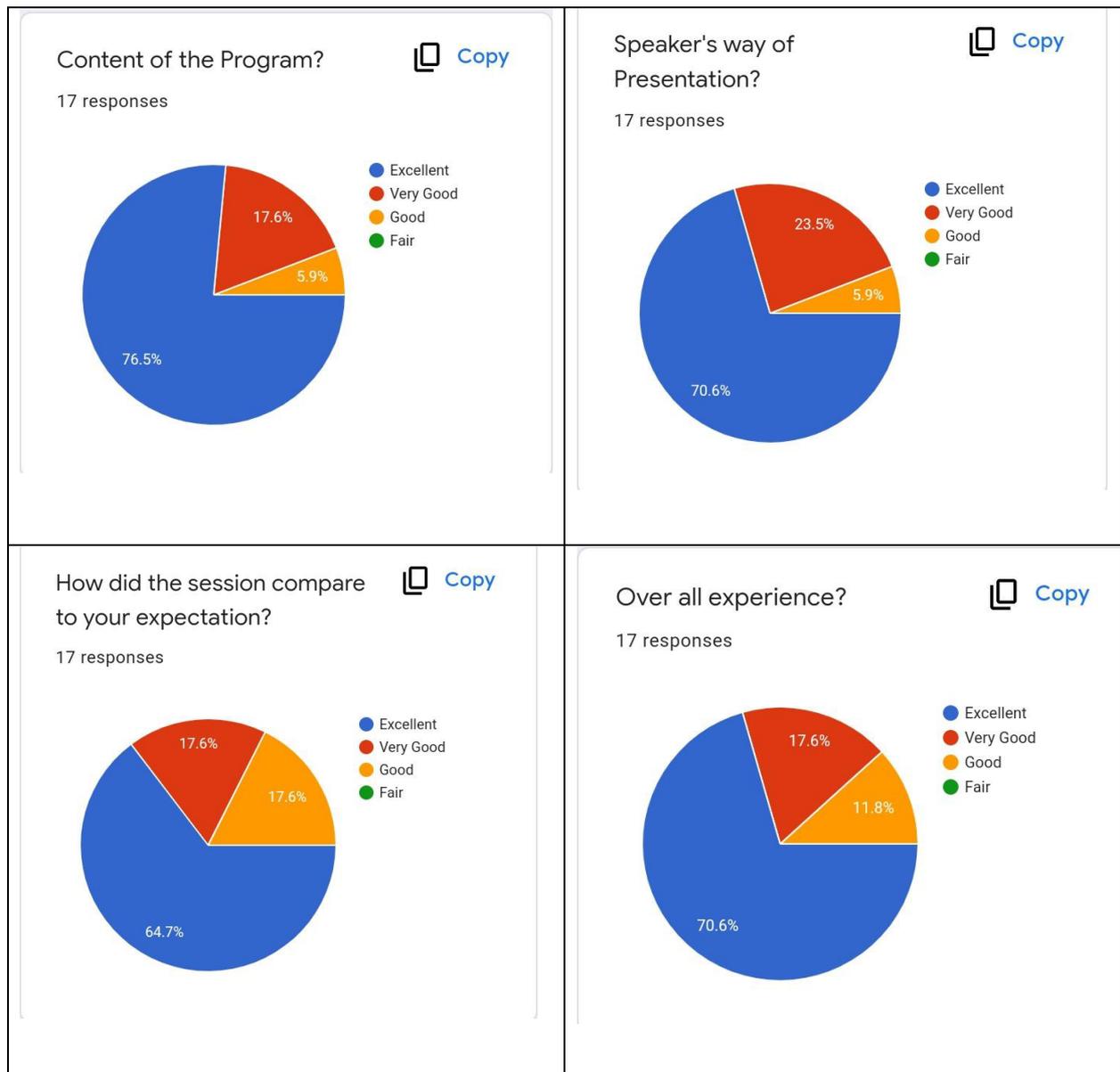


Principal gives away the Certificate of Appreciation to the Resource Person



Certificate of Appreciation - Resource Person

Feedback Questions and Responses



Mrs.T. Gnanajeya
Convener

Dr.J. Arputha Vijaya Selvi
Principal