



DEPARTMENT OF CIVIL ENGINEERING
REPORT - DEPARTMENT PROJECT EXPO'2020

03.06.2020

BACKGROUND & OBJECTIVE:

Department of Civil Engineering, Kings College of Engineering organized the “**Department Project Expo'2020**” for IV year Civil Students on 03.06.2020. The main objective of this project expo is to provide a platform the students to present their 8th semester project work. Mr.K.Arun, AP/civil organized the project expo. Ms.R.Revathi, HoD/Civil & Ms.M.Priya, AP/civil were the Jury members for the project expo.

EXPO DETAILS:

11 batches participated in the Project expo. Students presented about their project through Google Meet. Each batch was given 15 minutes duration to explain their project. A Jury panel comprising of two senior faculty members evaluated the projects and gave feedback & valuable comments to the students. Based on the presentation, PPT content and outcome, marks were awarded by the Jury panel and 2 projects were selected for rewards.

| S No | Batch Members | Year/ Sem | Project Title | Category |
|------|--|-----------|--|---------------------------|
| 1 | V.VIJAY | IV / VIII | EXPERIMENTAL INVESTIGATION ON STRENGTH & STRUCTURAL PROPERTIES OF M40 GRADE CONCRETE USING RIVER SAND, M-SAND,DUNE SAND WITH CRUSHED STONE AGGREGATE | Innovative Project |
| 2 | D.ANUSIYA R.APURVA R.MAHASRI T.NANDHINI | IV / VIII | EXPERIMENTAL INVESTIGATION OF GREY WATER FROM VERMIFILTER AND NATURE MEDIUM | Best Project |

OUTCOME:

Final year students eagerly participated in the Project Expo'2020. Students gained knowledge about online presentation and got valuable feedback from the faculty members which will be very much useful for their viva voce examinations.

SOME GLIMPSES OF THE PROJECT EXPO

KINGS
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COLLEGE OF ENGINEERING
Recognised by UGC 2(F) & 12(B)

DEPARTMENT OF CIVIL ENGINEERING ORGANIZES

DEPARTMENT PROJECT EXPO-2020

https://forms.gle/FvEcvdF4iy23FXy66

3

10:30 AM
Google Meet

Mr. K. ARUN
COORDINATOR

Ms. R. REVATHI
HOD/CIVIL

Dr. J. ARPUTHA VIJAYA SELVI
PRINCIPAL

Questions Responses **11**

DEPARTMENT PROJECT EXPO'2020

Organised by Department of Civil Engineering, Kings College of Engineering on 03.06.2020

Name

Short answer

Short answer text

Project Expo ☆

Questions Responses **11**

11 responses

Accepting responses

Summary Question Individual

Name

11 responses

- M. Dhilipan
- S.VINITHA
- M.Kavijarasan
- L.Jayaseelan, M.Mugilarasan, M.Nithish Kumar, V.Santhosh Kumar
- Lydia Inuthaya Raj

(20)

- Arun Kannan (You)
- vijay venkadesan
- Praveena Kani
- sundharam KR

% OF VOIDS IN AGGREGATE
- From Bulk density & Specific gravity

| S.NO | River Sand | Manufactured sand | Dune sand | Crushed stone Aggregate |
|---|------------|-------------------|-----------|-------------------------|
| Specific gravity | 2.71 | 2.72 | 2.68 | 2.73 |
| Void ratio = $(G_s - R) / (G_s \times 100)$ | 47.9% | 44.7% | 58.9% | 42.8% |
| R = Loose bulk density in Kg/m ³ | | | | |

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DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. _____ of IV year Civil has presented a paper _____

in the "DEPARTMENT PROJECT EXPO-2020" organized by the Department of Civil Engineering, Kings College of Engineering, Thanjavur, on 03.06.2020 and won "Innovative Project Award"

Mr. K. ARUN PROJECT COORDINATOR
 Ms. R. REVATHI HOD/CIVIL
 Dr. J. ARPUTHA VIJAYA SELVI PRINCIPAL

(16)

S.r.elwinguruchanth elwinguru 2 mins
Vijay I have one question

Ranjith K 1 min
Gud morning to all

sundharam KR 1 min
What is the normal/standard slump value for M40 grade concrete?

You Now
Batch 2 be ready for your presentation
After discussions batch 2 can start