



Civil suddhi vol – 5

ACS COLLEGE OF ENGINEERING

Department of Civil Engineering

Civil Engineering department was started in the year 2009 with current intake of 60. The institution is affiliated to Visvesvaraya Technological University, Belgaum and is striving to grow as one of the finest centres. At ACSCE, department of Civil Engineering is one of the oldest branches and was started in the year 2009. The department has been imparting quality education to meet the technological advancement and industrial requirements. This has been made possible due to qualified and dedicated faculty, state of the art laboratories and infrastructure facilities. The department offers an undergraduate programme leading to B.E. (Bachelor of Engineering) and a post graduate program M.Tech. (Master of Technology) in Structural Engineering in 2013 affiliated to Visvesvaraya Technological University, Belgaum and approved by AICTE New Delhi. The department has research centre for Ph.D.

Vision of the department:

“To achieve Excellence in Technology, Innovation and Research in ethical way to Lead and Serve the Nation”

Mission:

Create and develop sustained environment of learning, to produce high caliber dynamic civil engineers with due consideration of economy, ecology, and ethical issues of nation and to provide services to society and construction industry to assist in developing capabilities globally with respect to science, Technology and research.

EVENTS CONDUCTED IN THE DEPARTMENT.....



Technical Seminar on “Career opportunities in civil engineering” 11.00 AM by Mr. INDRAJEET M, JAIN gave a knowledge on topics in outside related civil engineering

Technical Seminar on “delivered by Dr.T.Visalakshi. Explained about the history of construction materials, sustainability of materials and futuristic concrete



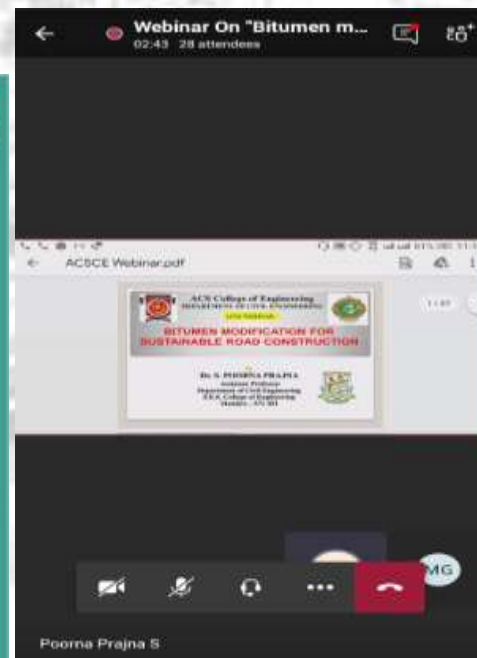
Webinar on “CASE STUDY ON 3R IN CIVIL ENGINEERING STRUCTURES” 29th Dec 2020 @ 11.00 AM by Er. SUNIL R K gave a knowledge on structural works



Webinar on “HOW TO GET SUCCESS IN GATE EXAM” Organized by 04th Jan 2021 @ 11.00 AM by delivered by Mr.Ramjagadeesh [IIT Delhi]Founder director of MVS academy, Hyderabad The main purpose of the webinar was to motivate the students for preparing them to attend and crack gate exam successfully.



- Technical Seminar on “Bitumen Modification for Sustainable Road Construction” On 5th May 2021 @11AM by Dr. Poornaprajna The rheological property of bitumen modified using additives using fly ash which was performed was also informed.



- Technical Seminar on “Subsurface Containment and Monitoring System” On 2nd June 2021 @11AM by Dr. MU mashankar He has also stressed about need for Monitoring System. He gave information on various Monitoring System. It gave deep insight & added values to the Environmental Engineering.

ACS College of Engineering
 Affiliated to VITU, Belagavi, Approved by AICTE, New
 Delhi and Govt. of Karnataka, Bangalore-19

Department of Civil Engineering

Subsurface Containment and Monitoring System

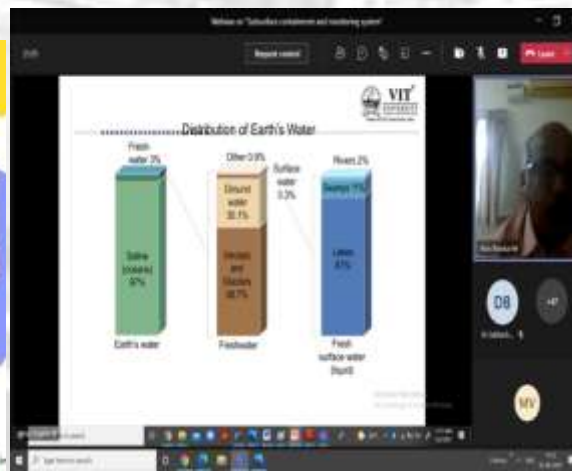
Webinar

Dr M Umashankar
 Associate Professor
 School of Civil Engineering
 VIT_Vellore
 Registration link: <https://fb.gy/colde9>

Scheduled on
 2nd June 2021@11AM

Join Microsoft Teams ID :
<https://fb.gy/tokds>

Co-ordinators
 Dr Subash Chandra Bose, Assoc. Professor
 Phone: 9840432678
 Vinita S V Asst. Professor
 Phone: 9758444435



■ Webinar on “STORMWATER DRAINAGE” On 25th June 2021 @12 PM by Prof. Ranganathan B A, giving introduction to Stormwater runoff, described about stormwater management, principles to be followed for a proper design and construction of the house drainage.

ACS COLLEGE OF ENGINEERING
 DEPARTMENT OF CIVIL ENGINEERING
 PRESENTS WEBINAR
 ON
“Stormwater Drainage”

Resource Person

25th June 2021 at 12.00 PM

Click Here for Registration

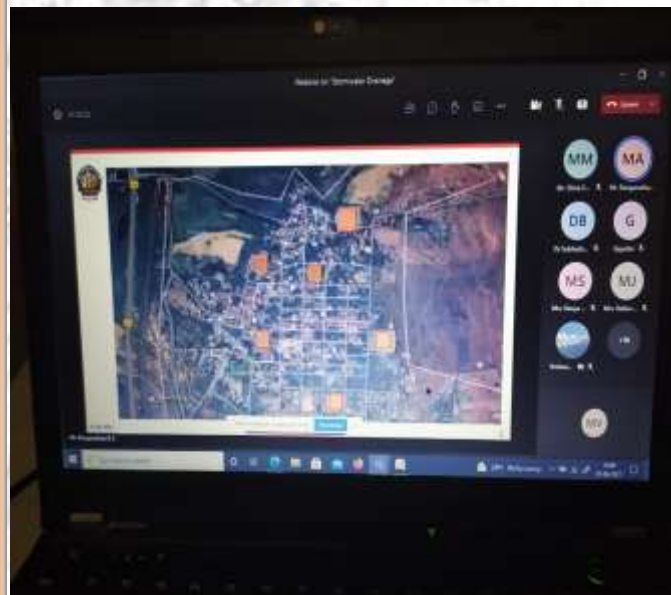
Click here to Join the webinar

PROF. RANGANATHAN B. A.

Event Coordinators
 Prof. Anja Anand
 Prof. Shiva Shankar K M

Organizer
 Dr. Subhas Chandra Bose
 Assoc. Prof - Dept of Civil Engg

Head of the Institution
 Dr.M.S.Murali
 Principal



■ Webinar on "VIBRATION REPONSE OF TALL BUILDINGS" On 2hd July 2021 @12 PM by Prof. Shiva Kumar K S, described about the tall building, sources of vibration, principles to be followed for a proper design of tall building and effect of vibration on tall building with various parameter.

ACS COLLEGE OF ENGINEERING
287, Kumbhara, Mysore road, Bangalore-560075

DEPARTMENT OF CIVIL ENGINEERING
PRESENTS WEBINAR
ON
"Vibration Response of Tall Buildings"

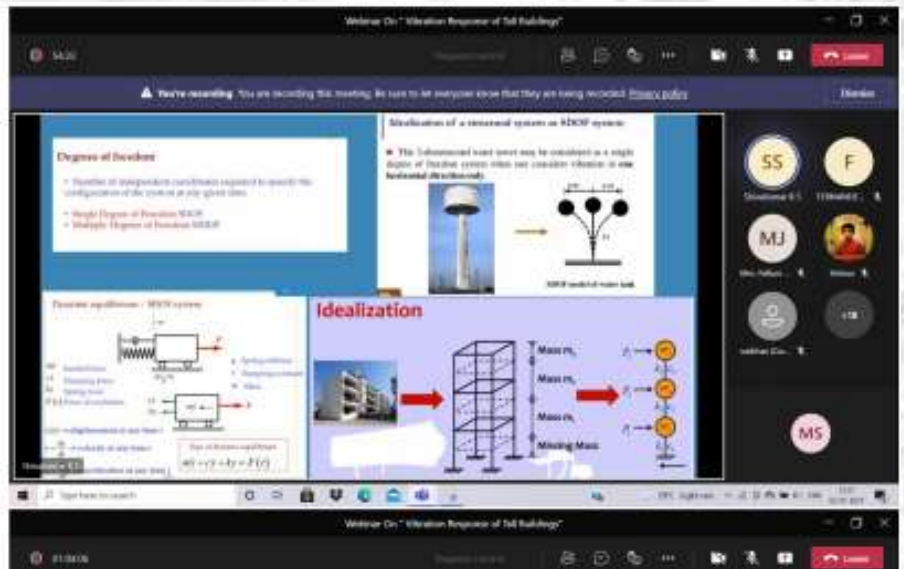
Resource Person

02 July 2021 at 12:00 PM

[Click Here for Registration](#)

[Click here to Join the webinar](#)

PROF. SHIVA KUMAR K S



Survey Camp to Doddalada Mara, Bangalore 12th - 17th March 2021 5th Semester UG students



SURVEY CAMP



STUDENT'S ACHIEVEMENTS



Karnataka State Council for Science and Technology
(An autonomous organization under the Dept. of Science & Technology, Govt. of Karnataka)
Indian Institute of Science Campus, Bengaluru - 560 012
Telephone: 080 22911600, 22948666, 22948669, 22948672
Email: office.kscst@kscst.ac.in, office@kscst.org.in & Website: www.kscst.ac.in, www.kscst.org.in

Mr. M. Hanumanth Kumar
Executive Secretary

Ref: 7.1.01/SPD/10

7th April 2021

The Principal,
A.C.S. College of Engineering,
207, Kambugura, Mysuru Road,
Kangan Hobli,
Bengaluru - 560 074.

Dear Sir/Madam,

Sub: Sanction of Student Project - 44th Series Year 2020-2021

Your Project Proposal Reference No.: 44S_WTECH_082

Ref: Your Project Proposal entitled: **WASTE TO WEALTH: INNOVATIVE ENGINEERING SOLUTION TO CONVERT SALT OF BELLANDUR AND VARTHUR LAKE TO VALUE ADDED PRODUCT**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 44th Series" with a budgetary break-up as detailed below:

| Student / s | Mr. Rakesh D R | Budget | |
|----------------------------|------------------------|-----------------------|--------------|
| | | Particulars | Amount (Rs.) |
| | | Materials/Consumables | 5,000.00 |
| | | Labour | 500.00 |
| | | Travel | 500.00 |
| Guide/s | Prof. T.V Ramachandra | Miscellaneous | 500.00 |
| | Dr. Ramesh Das | Report | 500.00 |
| Department | Structural Engineering | Total | 7,000.00 |
| SEVEN THOUSAND RUPEES ONLY | | | |

MARKSHEET Name: **RAKESH D R**
DOB: **08.03.1994**

| Sl. No. | Year | Course Name | Assignment Marks | Exam Marks | Total Marks (20%) | Grade | Performance |
|---------|------|---|------------------|------------|-------------------|-------|-------------|
| 40 | 2020 | Urban Land-use and Transportation Planning | 28.33 | 30.75 | 59.08 | B | Good |
| 40 | 2020 | Climate Resilient and Smart Built Sector | 21.39 | 46 | 67.39 | B | Good |
| 40 | 2020 | Urban Governance and Development Management (UGDM) | 24.19 | 41 | 65.19 | B | Good |
| 40 | 2020 | Contemporary Architecture and Design | 24 | 44.04 | 68.04 | B | Good |
| 40 | 2020 | Building Materials and Construction | 24.38 | 33.5 | 57.88 | B | Good |
| 40 | 2020 | Planning Policy & Planning | 33.53 | 33.57 | 67.1 | B | Good |
| 40 | 2020 | Urban Environmental Design Research | 38.38 | 33.33 | 71.71 | B | Good |
| 40 | 2020 | Characterization of Geotechnical Materials | 31.59 | 43.61 | 75.2 | B | Good |
| 40 | 2020 | Foundations Architecture | 28.84 | 37.21 | 66.05 | B | Good |
| 40 | 2020 | Material Construction Materials | 38.25 | 42.25 | 80.5 | B | Good |
| 40 | 2020 | Advanced Topics in the Science and Technology of Concrete | 44.59 | 42 | 86.59 | B | Good |
| 40 | 2020 | Introduction to Accounting and Finance for Civil Engineers | 41.83 | 44 | 85.83 | B | Good |
| 40 | 2020 | Introduction to Environmental Engineering and Science - Fundamentals and Instrumentary Concepts | 33.53 | 33.5 | 67.03 | B | Good |
| 40 | 2020 | Geotechnical Materials and Geosynthetics | 38.44 | 43.68 | 82.12 | B | Good |
| 40 | 2020 | Integrated Urban Management for a Smart City | 24.96 | 33.21 | 58.17 | B | Good |
| 40 | 2020 | Body Language - Core to Professional Success | 24.57 | 40.03 | 64.6 | B | Good |



Students Placements





STUDENT'S PUBLICATIONS

1. RAKESH D R, P G Student, "Waste To Wealth : Converting Of Bellandur And Varthur Lake Silt To Sustainable Building Material Like Fired Brick And Geopolymers Compressed Earth Bricks" Environmental Science And Pollution Research (ESRP).
2. Ms Lavanya B V, P G Student, "Study Of Reliability Of Different Types Of Bracing To Avoid Progressive Collapse"

| Type of MoU | Name of Company |
|---------------------------------------|--|
| MOU (14-12-2020 TO 13-12-2023) | CONSTRUCTION MANAGEMENT TRAINING INSTITUTE |
| MOU(10-08-2018 – Reviewed every year) | M/S Civil Soft Structural Consultants |
| MOU(1-08-2016 to 1-08-2021) | M/S. 3E-SERVICES |

EDITOR

BASAVANAGOUDA A PATIL

ASSISTANT PROFESSOR

CHIEF EDITOR

GAYATHRI G

HOD