

VSB ENGINEERING COLLEGE

NH 67, COVAI ROAD, KARUDAYAMPALAYAM POST, KARUR-639001.
(AN NBA ACCREDITED AND ISO 9001:2015 CERTIFIED INSTITUTION)
(AN AUTONOMOUS INSTITUTION)



CHAIRMAN'S MESSAGE

Mr. V.S.Balsamy, B.Sc., L.L.B., a leading luminary, has 31 years of bright standing in the field of law. He is the recipient of "Indira Gandhi Sadhbavana Award" from Global Economic Council, New Delhi. He was also honoured with "The Best Humanitarian Award" in 2005. VSB Educational Trust was founded by him as the Founder-Trustee in the year 2000. He started V.S.B. Engineering College in Karur in the year 2002 and V.S.B. College of Engineering-Technical Campus in Coimbatore in the year of 2012. He, the Correspondent of VSB Group of Institutions, lays emphasis on 'Hard Work'. As he strongly believes that "HARD WORK IS THE KEY TO SUCCESS", it is conceived as the motto of the Institutions.

PRINCIPAL'S MESSAGE

The Department of Civil Engineering was started in the academic year 2011-12 with an aim of promoting high quality education in the field of Civil Engineering. The department has well equipped laboratory facilities and highly qualified faculty members having rich experience in teaching and industrial background. The department is aiming to transform itself into a centre of excellence both in academic and research. The department provides a right kind of environment for the students to groom themselves for innovative and challenging near future.

ABOUT THE DEPARTMENT

The department of Civil Engineering is offering UG course with has become an intake of 60 in (Civil). It offers 4-year B.E. Civil Engineering course, and it became one of the most sought departments in the institute as from the year of starting the course the department is having full strength. The students of our department are good in both academics and in extra and co-curricular activities as well. The department of Civil Engineering is one of the most important departments of the college. The department has highly qualified and dedicated faculty which strives to produce competent professionals who are abreast with the latest technology and are equipped with enterprising skills necessary for a designer and a site engineer. The department's professional programme includes a deeper study of a number of engineering sciences to which the students are introduced at the core curriculum level, experimental solution for physical problems, techniques and methods of design of systems relevant to the contemporary industrial world. Our students are provided a solid engineering education, with a focus on creativity and innovation and a strong ethical responsibility. The civil engineering program prepares graduates with strong leadership qualities. These leadership qualities and the high technical standards of our programme generate strong interest in the industries and employers across the region.

To enhance the technical knowledge gained, department is arranging value added courses training related to Civil Engineering for every student.

MESSAGE FROM HOD

Welcome to the department of civil engineering, it is an honor for me to welcome the keen learning generation of modern India to a prestigious dorm of knowledge. This department has very strong undergraduate program. The department program is focused on providing not only the technical knowledge but also to encourage the student to be more innovative. The department emphasizes the development of technical skill and critical thinking. We in V.S.B aim to foster an interactive teaching environment. The teaching philosophy of institute is to ensure the environment is making the learner grasp the knowledge. The feedback system in the interactive session helps in analyzing each student adaption and gripping ability. The department has been able to foster this distinguished approach with the help of the staff has excellent credentials and a promising outlook. The faculty is well groomed and has publications in multiple journal and conferences proceedings. It gives me immense pleasure to lead such a prestigious and complete department in every manner. I, congratulate the teaching and non teaching staff and students for their brilliant effort in making the department. I wish all of you great academic career ahead.

VISION

- To become a centre of academic excellence and to bring out quality civil engineers with global standards and social responsibilities.

MISSION

- Developing competent engineers by integrating excellent teaching, learning and research activities.
- Creating interaction with industries to meet global challenges.
- Motivating the students for higher studies and entrepreneurship.
- Including moral and ethical values in students.

PEO 1

- Graduates of Civil engineering will continuously upgrade their knowledge gained for professional development as an employee of an organisation.

PEO 2

- Graduates of Civil engineering will be capable of working in a professional environment and providing innovative solutions to latest technological problems.

PEO 3

- Graduates of Civil engineering will discharge their duties as professional civil engineers with quality and ethics.

FACULTY PUBLICATION

NAME OF THE FACULTY MEMBER

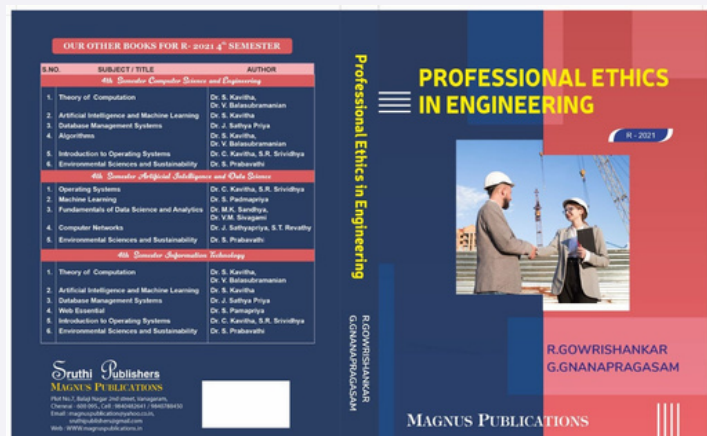
- Mr.R.Gowrishankar
- Mr.G.Gnanapragasam

TITLE OF THE PAPER

- Professional Ethics in Engineering

PUBLISHER NAME

- Magnus Publications



ANNA UNIVERSITY RANK HOLDER



NAME : **SUJA.P**
CGPA : **9.29**
RANK : **6**
BATCH : **2018-2022**

DEPARTMENT TOP RANK HOLDERS



NAME : **ABITHA.V**
CGPA : **9.460**
BATCH : **2019-2023**



NAME : **SEEMA.J**
CGPA : **9.046**
BATCH : **2020-2024**



NAME : **HARINI.K**
CGPA : **9.660**
BATCH : **2021-2025**



NAME : **KANISHKA.V**
CGPA : **9.444**
BATCH : **2022-2026**

STUDENTS ACHIEVEMENTS IN PLACEMENT



ABITHA V - Civil

Dindigul

- **ACCENTURE**
– 4.5 LPA
- **DXC – 4.2 LPA**
- **TCS – 3.36 LPA**
- **CTS – 4 LPA**



SASIREGA M - Civil

Tiruppur

- **TCS – 7.5 LPA**
- **DXC – 4.2 LPA**
- **ZOHO-5 LPA**



AJITHAA V - Civil

Dindigul

- **ACCENTURE**
– 4.5 LPA
- **CAPGEMINI**
– 4.25 LPA



**VANCHI
KAVIYA S - Civil**

Tiruppur

- **DXC – 4.2 LPA**
- **MIND TREE**
– 4 LPA



NIRANJAN S - Civil

Tiruppur

- **ACCENTURE**
– 4.5 LPA
- **MIND TREE**
– 4 LPA



**KARTHIKEYAN P
- Civil**

Karur

- **MIND TREE**
– 4 LPA
- **TCS – 3.36 LPA**



PALANI KUMAR C
- **Civil**
Pudukottai

- **FACEPREP**
– 3 LPA
- **DTS – 3 LPA**



GIRINATH S - Civil
Dindigul

- **TCS – 3.36 LPA**



HARIHARAN B -
Civil
Trichy

- **TCS – 3.36 LPA**



KUNGUMARAJ S -
Civil
Dindigul

- **MIND TREE**
– 4 LPA



NARESH KUMAR R
- **Civil**
Trichy

- **DXC – 4.2 LPA**



NAVEEN P - Civil
Tiruppur

- **ACCENTURE**
– 4.5 LPA



PRASANTH M- Civil
Tiruppur

- **ACCENTURE**
– 4.5 LPA



UNNAMALAI K- Civil
Madurai

• TCS – 3.36 LPA



VASUDEVAN P- Civil
Namakkal

• DXC – 4.2 LPA

STUDENTS CO-CURRICULAR ACTIVITIES

S. No	Name(s) of the Student(s)	Year	Event	Title	Name of the Organizing Institute	Date, Month, Year
1.	Abitha V	IV	Symposium	Paper Presentation	Excel Engineering College	06.04.23
2.	Girinath S	IV	Symposium	Paper Presentation	Excel Engineering College	06.04.23
3.	Sasi Rega M	IV	Symposium	Paper Presentation	Excel Engineering College	06.04.23
4.	Ajithaa V	IV	Symposium	Paper Presentation	Excel Engineering College	06.04.23
5.	Naveen P	IV	Symposium	Paper Presentation	Excel Engineering College	06.04.23
6.	Priyadharsan K	IV	Symposium	Paper Presentation	Excel Engineering College	06.04.23
7.	Vanchikaviya S	IV	Symposium	Paper Presentation	Excel Engineering College	06.04.23

8.	Unnamalai K	IV	Symposium	Paper Presentation	Excel Engineering College	06.04.23
9.	Satish T	IV	Symposium	Paper Presentation	Kongunadu college of Engineering & Technology	15.04.23
10.	Pradeesh S	IV	Symposium	Paper Presentation	Kongunadu college of Engineering & Technology	15.04.23
11.	Kunkumaraj S	IV	Symposium	Paper Presentation	Kongunadu college of Engineering & Technology	15.04.23
12.	Tamilmani T	IV	Symposium	Paper Presentation	Kongunadu college of Engineering & Technology	15.04.23
13.	Naresh Kumar R	IV	Symposium	Paper Presentation	Kongunadu college of Engineering & Technology	15.04.23
14.	Rahul Gandhi M E	IV	Symposium	Paper Presentation	Kongunadu college of Engineering & Technology	15.04.23
15.	Tamizheniya n P	IV	Symposium	Paper Presentation	Kongunadu college of Engineering & Technology	15.04.23
16.	Sasikumar P	IV	Symposium	Paper Presentation	St.Joseph college of Engineering	19.04.23 & 20.04.23
17.	Niranjan S	IV	Symposium	Paper Presentation	St.Joseph college of Engineering	19.04.23 & 20.04.23
18.	Madurai Sivanesan S	IV	Symposium	Paper Presentation	St.Joseph college of Engineering	19.04.23 & 20.04.23

19.	Karthikeyan P	IV	Symposium	Paper Presentation	St.Joseph college of Engineering	19.04.23 & 20.04.23
20.	Nithisrajan R	IV	Symposium	Paper Presentation	St.Joseph college of Engineering	19.04.23 & 20.04.23
21.	Prasanth M	IV	Symposium	Paper Presentation	St.Joseph college of Engineering	19.04.23 & 20.04.23
22.	Vasudevan R	IV	Symposium	Paper Presentation	J.J.college of Engineering and Technology	28.04.23
23.	Karthikeyan P	IV	Symposium	Paper Presentation	J.J.college of Engineering and Technology	28.04.23
24.	Prasanth M	IV	Symposium	Paper Presentation	J.J.college of Engineering and Technology	28.04.23
25.	Nithisrajan R	IV	Symposium	Paper Presentation	J.J.college of Engineering and Technology	28.04.23
26.	Mohana Rahul T	III	Symposium	Paper Presentation	Kongu Engineering college	18.03.23
27.	Naresh Ram V S	III	Symposium	Paper Presentation	Kongu Engineering college	18.03.23
28.	Santhosh K	III	Symposium	Paper Presentation	Kongu Engineering college	18.03.23
29.	Palanikumar C	II	Symposium	Paper Presentation	J.J.college of Engineering and Technology	28.04.23
30.	Manoj A	II	Symposium	Paper Presentation	J.J.college of Engineering and Technology	28.04.23
31.	Arunkumar A	II	Symposium	Paper Presentation	J.J.college of Engineering and Technology	28.04.23

32.	Raveen C	II	Symposium	Paper Presentation	Kongu Engineering college	18.03.23
33.	Hariharan M	II	Symposium	Paper Presentation	Kongu Engineering college	18.03.23
34.	Ligin R	II	Workshop	BIM Workshop	KPR Institute of Engineering and Technology	16.02.23 & 17.02.23
35.	Perumal R	II	Workshop	BIM Workshop	KPR Institute of Engineering and Technology	16.02.23 & 17.02.23
36.	Rishma D	II	Workshop	Workshop	KPR Institute of Engineering and Technology	27.04.23
37.	Harini K	II	Workshop	Workshop	KPR Institute of Engineering and Technology	27.04.23
38.	Rishma D	II	Workshop	Workshop	Kongunadu college of Engineering & Technology	04.05.23
39.	Kaviya R	II	Workshop	Workshop	Kongunadu college of Engineering & Technology	04.05.23
40.	Seema J	III	Symposium	Technical Quiz	PSNA college of Engineering & Technology	17.03.23
41.	Monasri T	III	Symposium	Technical Quiz	PSNA college of Engineering & Technology	17.03.23
42.	Naresh Ram V S	III	Symposium	Technical Quiz	Kongu Engineering college	18.03.23
43.	Santhosh K	III	Symposium	Technical Quiz	Kongu Engineering college	18.03.23

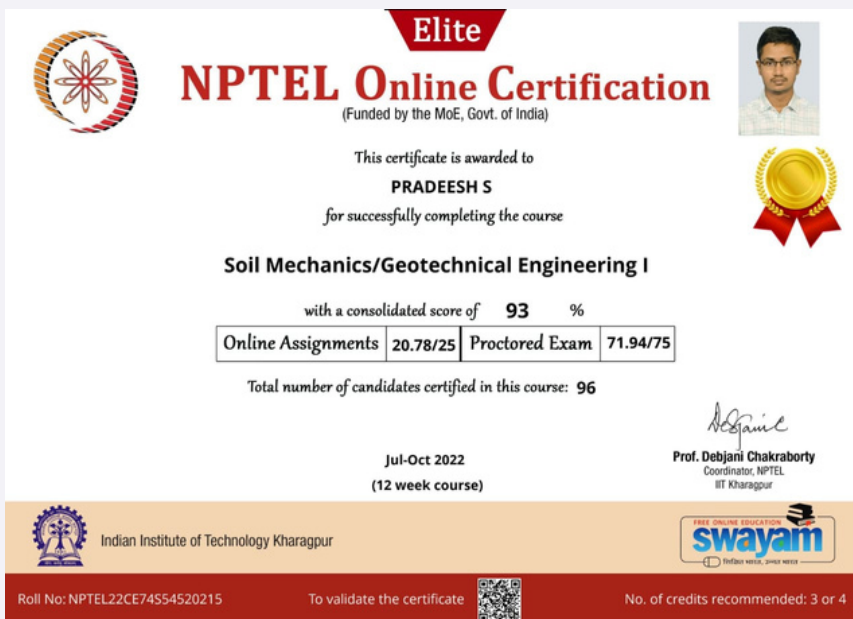
NPTEL CERTIFIED STUDENTS

We proudly present the names of our students who have achieved Gold and Elite certifications in NPTEL courses:

PRADEESH . S

IV-YEAR CIVIL

**[COURSE NAME - SOIL MECHANICS/GEOTECHNICAL ENGINEERING-I]
(GOLD + ELITE CERTIFIED)**



Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
PRADEESH S
for successfully completing the course

Soil Mechanics/Geotechnical Engineering I

with a consolidated score of **93** %

Online Assignments	20.78/25	Proctored Exam	71.94/75
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Total number of candidates certified in this course: **96**

Jul-Oct 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL22CE74S54520215 To validate the certificate No. of credits recommended: 3 or 4

SEEMA . J

III-YEAR CIVIL

**[COURSE NAME - SOIL MECHANICS/GEOTECHNICAL ENGINEERING-I]
(ELITE CERTIFIED)**



Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SEEMA J
for successfully completing the course

Soil Mechanics/Geotechnical Engineering I

with a consolidated score of **64** %

Online Assignments	21.06/25	Proctored Exam	42.86/75
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Total number of candidates certified in this course: **96**

Jul-Oct 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL22CE74S54520353 To validate the certificate No. of credits recommended: 3 or 4

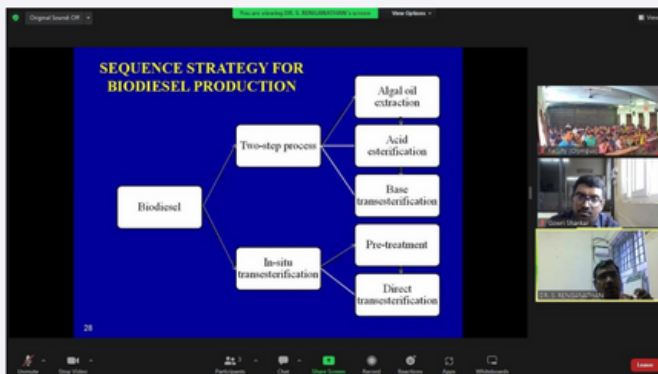
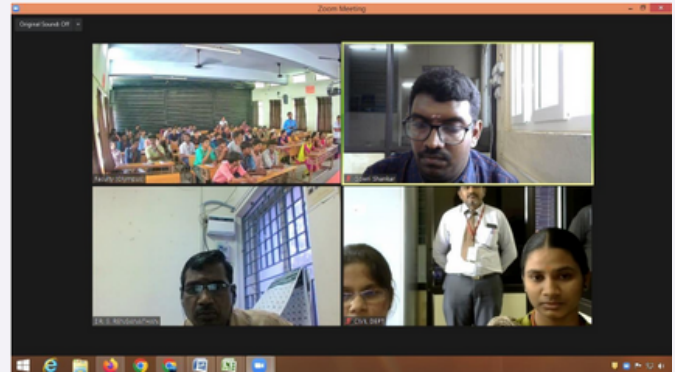
PROGRAMME ORGANIZED

WEBINAR

PRODUCTION OF BIODIESEL MARINE MACRO ALGAL BIOMASS

DELIVERED BY **DR.S.RENGANATHAN**

Professor, Center for Biotechnology, ACtech, Anna University, Chennai gave Guest lecture for III Year Civil Engineering students and faculty members on August 2022. In his lecture he briefly explained the process and production of biodiesel in the field of Civil & Chemical Engineering.

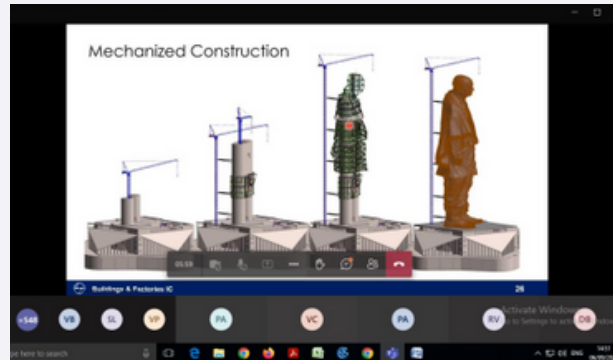
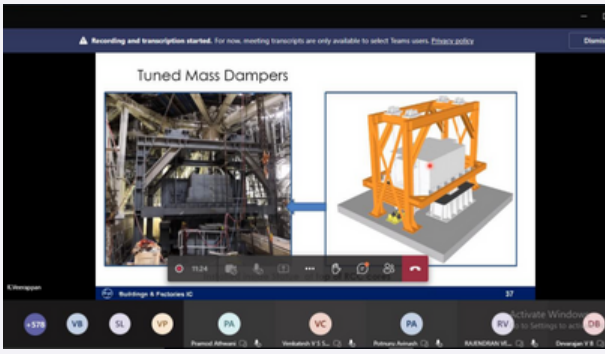


DESIGN AND CONSTRUCTION OF UNIQUE STRUCTURES

DELIVERED BY **DR.K.VEEERAPAN**

Vice Principal and Head Engineering, Design Research Centre gave Guest lecture for Civil Engineering students and faculty members on September 2022. In his lecture he briefly explained the Steel and bronze integration, Mechanized construction, Monitoring the structural health, Tuned mass dampers, Bronze aging study, Upper bowl- precast structural system, Precast beam – Element handling and its erection for Statue of Unity.





EMERGING SOFTWARES IN CIVIL ENGINEERING

DELIVERED BY **ER.P.KARTHIKEYAN M.E (CEM)**

from Kumaraguru College of Technology, Covai. Over 10+ years of Industry Experience. Worked in Afcons, CBRE & Colliers Company Projects. Registered Engineer Grade -1, Coimbatore City Municipal Corporation. GROUP OF COMPANIES involved as Edifice Placement Solutions, Pace Academy, CADD STUDIO, Edifice Construction & Consulting. He gave Guest lecture for Civil Engineering students and faculty members on November 2022. In his lecture he briefly explained the scope & opportunities in Civil Engineering softwares.



V.S.B. ENGINEERING COLLEGE, KARUR

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Affiliated to Anna University, Chennai

An ISO 9001:2015 certified Institution
Accredited by NAAC, NBA Accredited courses

DEPARTMENT OF CIVIL ENGINEERING

HEARTLY WELCOMES YOU ALL FOR TECHNICAL WEBINAR ON

'EMERGING SOFTWARES IN CIVIL ENGINEERING'

RESOURCE PERSON

Er.P.Karthikeyan M.E

EDIFICE SOLUTIONS, COIMBATORE

INSTITUTIONS INNOVATION COUNCIL

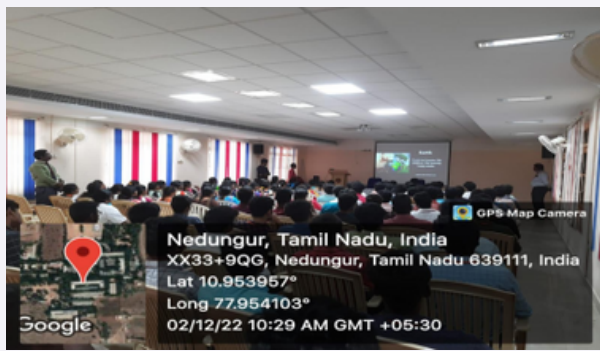
NOVEMBER 22 AT 11:00 AM

SEMINAR HALL

AN INSIGHT INTO POLLUTION PREVENTION

DELIVERED BY **ER.M.JEYA BHARATH**

Assistant Manager, Production Urea and utilities SPIC. He gave Guest lecture for Civil Engineering students and faculty members on December 2022. In his lecture he briefly explained the Pollution control , methods to prevent pollution control, etc.



INDUSTRIAL VISIT

18 students of II year civil, visited the Rainbow Pigments on 19 December 2022. Mr.X.Joseph Vianny, AP/Civil, Mr.Raj Kumar, AP/Civil, Mrs.M.Saranya Devi, AP/Civil and Ms.S.Gowsalya, AP/Chemical have accompanied and guided the students during the visit.



19 students of III year civil, visited the Commercial Building Construction on 16 August 2022. Mr.X.Joseph Vianny, AP/Civil has accompanied and guided the students during the visit.



NATIONAL LEVEL TECHNICAL SYMPOSIUM

INFOTRAZ 2K'23

The **INFOTRAZ 2K'23** was a remarkable event that brought together some of the brightest minds from our college and beyond, fostering a stimulating environment for intellectual exchange, innovation, and collaboration. It was a celebration of knowledge, research, and creativity that left an indelible mark on our academic landscape.

In this, we will take you on a journey through the highlights, key takeaways, and memorable moments from the symposium. From thought-provoking keynote addresses to engaging panel discussions, hands-on workshops, and inspiring student presentations, **INFOTRAZ 2K'23** offered a diverse range of experiences for all participants.

PHOTO GALLERY





WORKSHOP

One of the cornerstone of the **INFOTRAZ 2K'23** was the series of empowering workshops that provided attendees with the opportunity to enhance their knowledge, develop new skills, and engage in hands-on learning experiences. One Day National Student Workshop on “SONOCHEMICAL PROCESS” was held on 07.03.2022 by Dr.G.Arthanareeswaran, Professor, NIT Trichy.



PAPER PRESENTATION

The heart of any academic symposium lies in the innovative research and scholarship presented by students. At **INFOTRAZ 2K'23**, our budding scholars showcased their intellectual prowess and dedication through a series of captivating paper presentations. These young minds demonstrated their commitment to pushing the boundaries of knowledge and sharing their insights with a wider audience.



PRIZE DISTRIBUTION

The culmination of the **INFOTRAZ 2K'23** was a momentous occasion marked by the highly anticipated Prize Distribution Ceremony. We had the pleasure of honoring outstanding individuals and acknowledging their exceptional contributions to the symposium.



SPOTLIGHT ON EXCELLENCE

We are delighted to announce that **SASIREGA.M** from the Department of Civil Engineering has been awarded a certificate of participation in the prestigious **Summer Fellowship Programme** at **IIT Madras**.



INTRODUCTION:

In the dynamic realm of civil engineering, groundbreaking innovations continue to shape the way we build, connect, and sustain our communities. From towering skyscrapers to resilient infrastructure, civil engineers are at the forefront of transforming ideas into tangible structures that stand the test of time.

1. Smart Cities and Sustainable Infrastructure:

As urbanization accelerates, civil engineers are leading the charge in creating smart cities that prioritize sustainability and efficiency. Integration of advanced technologies, such as IoT sensors and data analytics, allows for real-time monitoring of infrastructure health, optimizing energy consumption, and enhancing overall resilience.

2. 3D Printing Revolutionizing Construction:

The advent of 3D printing technology is revolutionizing the construction industry. Civil engineers are now exploring the use of 3D printers to create intricate building components, reducing construction time, minimizing waste, and offering unprecedented design flexibility. This innovation not only accelerates project timelines but also contributes to a more sustainable future.

3. Resilient Infrastructure in the Face of Climate Change:

Climate change poses unprecedented challenges to infrastructure. Civil engineers are responding by designing structures that can withstand extreme weather events. From resilient bridges to flood-resistant buildings, the focus is on creating infrastructure that adapts to the changing climate, ensuring the safety and well-being of communities.

4. Innovative Materials for Sustainable Construction:

The quest for sustainable construction materials is ongoing, and civil engineers are exploring alternatives to traditional resources. Innovations such as self-healing concrete, recycled materials, and bio-based composites are not only environmentally friendly but also contribute to the development of more durable and cost-effective structures.

5. Renewable Energy Integration in Infrastructure:

Civil engineers are playing a pivotal role in the transition to renewable energy. From designing solar-powered structures to integrating wind energy into urban landscapes, the focus is on creating infrastructure that not only serves its primary purpose but also contributes to a cleaner and greener future.

CONCLUSION:

In the ever-evolving field of civil engineering, professionals are not just building structures; they are shaping the future of our cities and communities. Through the adoption of cutting-edge technologies and sustainable practices, civil engineers are leaving an indelible mark on the landscape, ensuring that the foundations we lay today will withstand the challenges of tomorrow. The journey of innovation in civil engineering is an exciting one, promising a future where our infrastructure is not only resilient but also a harmonious part of the world we inhabit.

EDITORIAL BOARD

STUDENT AUTHOR

Seema Jagathan

Department of Civil Engineering

V.S.B.Engineering college

FACULTY MEMBER

Mr.R.Gowri shankar

Head Of the Department

Department of Civil Engineering

V.S.B.Engineering college

