



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Est. in 3 of UGC Act, 1956)



CIVIL BUZZ

Accreditation & Rankings

- ❖ Ranked 87th in Engineering Category by NIRF
- ❖ Accredited by NAAC with Highest grade A++
- ❖ Accredited by NBA under Tier 1 category for 3 Years
- ❖ Ranked in the band '11-50' in Innovation category by NIRF India Rankings 2023, the category erstwhile known as Atal Ranking of Institutions on Innovation Achievements (ARIIA)
- ❖ Ranked in Times Higher Education (THE) Rankings 2023 in Band 801-1000 in the world by THE World University Rankings 2023 in Engineering
- ❖ Ranked in the Band 651-700 in QS Asia University Rankings 2023

Specific Achievements

- ❖ 81% of faculty members are with doctoral qualification from eminent Institutions like IISc, State University.
- ❖ Faculty members have published presented 21 papers in International Conferences.
- ❖ Indian IPR – Patent granted: 3, Patent Published: 7, Design Application: 1.

Department Vision

To impart knowledge and excellence in Civil Engineering with global perspectives to the student community and to make them ethically strong engineers to build the nation.

Department Mission

- ❖ To produce Civil Engineers of high calibre with advanced technical skills and ethical values to serve the society and the nation.
- ❖ To make the Department as a centre of excellence in the field of Civil Engineering and allied research activities.
- ❖ To provide knowledge base and consultancy services to the community in all areas of Civil Engineering.
- ❖ To promote innovative ideas with original thinking in the minds of budding Engineers to face the future challenges.



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ABOUT THE DEPARTMENT

The Department of Civil Engineering was started in the year 2009 and it offers B.Tech. Programme, M.Tech Programme (Structural Engineering and Environmental Engineering), and Ph.D Programme. The Department has 21 faculty members (most of them with Ph.D. qualifications). The department has been accredited by NBA (Tier I). Most of the faculty members are fellow and member of professional bodies in various fields of Civil Engineering covering the areas of concrete, soil mechanics, water resources and remote sensing. Faculty members continuously update their knowledge by attending training programmes at IISc and other premier Institutions. Active participation of the faculty members in research, consultancy services & sponsored research activities help them to interact with industries and demonstrate the application of concepts in field and improve the teaching learning activities of the department.

HOD'S MESSAGE



Dr. A. Geetha Selvarani
Professor & Head – Civil Engineering

Greetings! It is an immense gratification in producing this newsletter-Civil prominence in all the academic related activities and events organized by the Civil Engineering department. I thank the faculty members and students for their incessant support and encouragement throughout the year in all the ways as usual, which is the prime tractive force of the Department. This news letter covers the substantial number of Guest Lectures delivered by national and international Professors and hands on training by industry experts which are more helpful in sharing ideas pertaining to recent trends and knowledge for the benefit of students and faculty members. Further Faculty members input in effective teaching learning, Implementation of active Learning Methods, their research activities, article publication in reputed Journals, patent filing have been reported.



Participative Based Teaching method was implemented in the course “Water Supply Engineering” handled by **Dr. K. Tamilarasan**



Data and Tools for Problem Solving method was implemented in the course “Design of Reinforced Concrete Elements” handled by **Dr. M. Vinod Kumar**



Learning by Doing method was implemented in the course “Strength of Materials - I” handled by **Dr. S. Samson**

Activity Based Learning



Participative Based Teaching method was implemented in the course “Basics of Dynamics and Aseismic Design of Structures” handled by **Dr. J. Cici Jennifer Raj**



Sketchnoting method was implemented in the course “Structural Analysis - I” handled by **Dr. A. Chithambar Ganesh**

BoS Conducted

The **26th Board of Studies meeting** was held on **31.12.2023**, External members **Dr. S. Senthil Selvan**, Professor, Department of Civil Engineering, SRM Institute of Technology and **Mr. L. Suresh Kumar**, Assistant Engineer, Central Public Works Department, Chennai participated in the meeting along with the Internal members and Alumni of our Department. The Discussion was about the **VTR PGE 2023 Curriculum**.



Events Organized for Faculties



From 18.12.2023 to 23.12.2023, a Six Days Professional Development Programme on “**CHALLENGES ON IMPLEMENTATION OF AUTOMATION AND SMART SENSING TECHNOLOGIES IN CONSTRUCTION SECTOR**” was Organized by the **Department of Civil Engineering and Office of Industrial Relations in Association with CREDAI, CESA IPA, IGBC, ACI.** The PDP bringing the renowned resources persons from the Professional Societies, Industrial Sector and the Government Organization will deliberate at different themes to achieve the core objective of this programme. The PDP was attended by academics from both our university and other universities as well as research scholars.

Events Organized for Students



The One Day Workshop on “**3D Modelling of Civil Engineering Structures using CADD Software and Introduction about the Recent Modelling and Analysis Software**” was organized on 02.11.2023 to the second year undergraduate students for their career opportunities. The training was provided by **Mr. S. Deepan, Technical Trainer, CADD Centre, Chennai.**

The following final year undergraduate students were **undergone “Internship”** to the reputed industries / organizations **for their “Minor Project”** work.

S. No.	Name of the Student	Company Details
1.	ASODI KUSUMA HARI HARA NADHA REDDY	NSPR Constructions (India) Pvt. Ltd. Hyderabad, Telangana
2.	MONISH PRAVEEN	Mallika Constructions - Creating Elite Properties, Chennai.
3.	SURAJ KUMAR SHARMA	S. P. Singla Constructions Pvt. Ltd. Panchkula, Haryana
4.	ROHIT KUMAR	
5.	RAHUL KUMAR ROY	Central Level Project Implementation unit, Kathmandu, Nepal
6.	DIPENDRA SINGH	
7.	SHRUTHI KUMARI JHA	Road division Chandranighapur, Nepal
8.	POLIMERA AKHIL	KMV Projects Limited, Hyderabad, Telangana
9.	SANDESH MISHRA	Biragunj Municipality, Kathmandu, Nepal
10.	SAILESH KUMAR YADAV	
11.	OM PRAKASH YADAV	Aravind Nirman Sewa, Kathmandu, Nepal
12.	DURGESH KUMAR CHOWDARY	
13.	RUPESH KUMAR RAY	Aravind Nirman Sewa, Kathmandu, Nepal

Industrial Visit



Academics from both our university and other universities as well as research scholars went to industrial cum field visit on 22.12.2023 (a part of PDP during December 18-23, 2023 to **Greater Chennai Corporation**, Chennai. Learned the concept of introducing **"Green Building Concepts"** in construction of new buildings, **"Latest Renovation Techniques"** for retrofitting the ancient structures and **"IoT Based Information System"** for mitigation management.

MoUs Signed

Department of Civil Engineering Signed MoU with **'The Confederation of Real Estate Developers Associations of India' (CREDAI)** on 14.11.2023 at Rain Tree Hotel, Chennai. The initiation discussion was happened on 04.10.2023 at Vel Tech Campus.



Events Attended

Events - More than or equal to 5 days

S. No.	Name of the Faculty	Event Details
1.	Dr. J. Logeshwari	FDP on Innovative Construction Materials and Techniques for Sustainable Development organized by AICTE, from 11 th – 16 th December 2023.
2.	Dr. K.K. Gaayathri	FDP on Quality Research Article Writing & Publishing in High Impact Factor Journals organized by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, from 20 th – 27 th December 2023.
3.	Dr. J. Anita Jessie	
4.	Dr. A. Chithambar Ganesh	
5.	Dr. S. Gopi Kumar	ATEP on “Additive manufacturing; Techniques, Materials, Applications and Future Trends at Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, on during 26 th – 30 th December 2023.

S. No.	Name of the Faculty	Event Details
1.	Dr. M. Vinod Kumar	PDP on “Challenges on Implementation of Automation and Smart Sensing Technologies in Construction Sector” organized by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai during 18 th – 23 rd December 2023.
2.	Dr. K. R. Aswin Sidhaarth	
3.	Dr. A. Chithambar Ganesh	
4.	Dr. J. Anita Jessie	
5.	Dr. K. K. Gaayathri	
6.	Dr. J. Cici Jennifer Raj	
7.	Dr. J. Logeshwari	
8.	Dr. S. Gopikumar	
9.	Dr. K. Tamilarasan	
10.	Dr. G. Kumar	
11.	Dr. S. Samson	
12.	Mr. S. Baskar	
13.	Mr. R. M. Saravanakumar	
14.	Ms. A. Mahalakshmi	

Events Attended

Events - Less than 5 days

S. No.	Name of the Faculty	Event Details
1.	Dr. S. Samson	Internal Audit Course on ISO/IEC 17025:2017 Laboratory at TUV India Pvt Ltd., Chennai from 16 th – 19 th October 2023.
2.	Dr. A. Chithambar Ganesh	Workshop on Hydrological Extremes: Implications of Climate Change by Pimpri Chinchwad College of Engineering, Pune during 18 th – 19 th December 2023
3.	Dr. J. Shanmugapriya	
4.	Dr. M. Vinod Kumar	Workshop on “Design and Copy Rights Filling Procedures in India” at at Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, on 08 th September 2023.
5.	Dr. A. Chithambar Ganesh	
6.	Dr. J. Anita Jessie	
7.	Dr. K. K. Gaayathri	



Dr. A. Geetha Selvarani, Dr. S. Samson, Dr. G. Kumar, Dr. S. Selvakumar and Mr. S. Baskar attended the Seminar on IGBC's Green Education Conclave at Anna University, Chennai on 22nd November 2023 and IGBC's Green Building Congress at Trade Centre, Chennai during 23rd – 25th November 2023.

Journal Publications

1. Alex Rajesh, A., Senthilkumar, S., & **Samson, S.** (2023). Optimal proportional combinations of rubber crumbs and steel slag for enhanced concrete split tensile strength. *Matéria (Rio de Janeiro)*, 28, e20230206. (Scopus)
2. Muthukannan, M., Arunkumar, K., Sureshkumar, A., **Ganesh, A. C.**, & Devi, R. K. (2023). Mechanical characterisation of waste wood ash-based green geopolymer concrete incorporated with waste rubber and polypropylene fibre. *International Journal of Environment and Waste Management*, 32(4), 469-486. (Scopus)
3. Raj, N., **Selvakumar, S.**, Soundara, B., & Kulanthaivel, P. (2023). Sustainable utilization of biopolymers as green adhesive in soil improvement: a review. *Environmental Science and Pollution Research*, 1-16. (WoS)
4. **Ramalingam, B.**, & Das, S. K. (2023). Biofabricated graphene-magnetite nanobioaerogel with antibiofilm property: Response surface methodology based optimization for effective removal of heavy metal ions and killing of bacterial pathogens. *Chemical Engineering Journal*, 475, 145976. (WoS)

Interaction with Outside World

Dr. A. Geetha Selvarani acted as a Technical Program Committee member for 11th Academic Conference of Geology Resource Management and Sustainable Development (GRMSD 2023), Beijing, China during December 16-17, 2023.



Conference Presentation

Details of Conference	Presentation Title	Faculty Name
<p>International Conference on Condition Assessment, Rehabilitation & Retrofitting of Structures</p> <p>Indian Institute of Hyderabad, Telangana. December 11-13, 2023</p>	STRUCTURAL PERFORMANCE OF PLASTIC PP-FIBRE REINFORCED GEOPOLYMER CONCRETE BEAMS RETROFITTED WITH DIFFERENT SCHEMES OF GFRP AND SPIRAL TRANSVERSE REINFORCEMENT	Dr. M. Vinod Kumar
	EVALUATION OF MECHANICAL PROPERTIES OF SELF CURING CONCRETE BY REPLACING CEMENT WITH SUGAR CANE BAGASSE ASH	Dr. M. Vinod Kumar
	UTILIZING CASSAVA PEEL ASH AS A SUSTAINABLE CEMENTITIOUS MATERIAL: A COMPREHENSIVE EXPLORATION	Dr. A. Chitambar Ganesh
	INNOVATIVE MATERIALS FOR SEISMIC ISOLATION OF STRUCTURES IN ANCIENT TIMES	Dr. J. Cici Jennifer Raj
<p>International Conference on Recent Advances in Materials and Manufacturing</p> <p>Velalar College of Engineering and Technology, Erode, Tamil Nadu. December 29-30, 2023</p>	STRUCTURAL BEHAVIOR OF RC FLAT SLABS WITH VARIOUS STRUCTURAL SYSTEMS UNDER SEISMIC LOADING	Dr. M. Vinod Kumar
	MICRO AND MECHANICAL CHARACTERISTICS OF CONCRETE INCORPORATING WITH CALCINED KAOLIN AND USED FOUNDRY SAND	Dr. M. Vinod Kumar
<p>International Conference on Innovative Research Trends in Civil Engineering</p> <p>Sri Sairam Engineering College, Chennai, November 16-17, 2023.</p>	ARTIFICIAL INTELLIGENCE IN CIVIL ENGINEERING: A TRANSFORMATIVE PARADIGM	Dr. J. Cici Jennifer Raj

Conference Presentation

Details of Conference	Presentation Title	Faculty Name
<p>International Conference on Advances in Life Science and Engineering</p> <p>MAHSA University, Selangor, Malaysia. October 13-14, 2023.</p>	<p>INVESTIGATION OF PARTIAL REPLACEMENT OF COARSE AGGREGATE IN CONCRETE WITH CERAMIC</p> <p>START-UP IN DEGRADATION OF PHARMACEUTICAL WASTEWATER USING SECONDARY SEWAGAE SLUDGE</p> <p>EFFECT OF LIME WATER ON STRENGTH AND DURABILITY PROPERTIES OF VERY HIGH-VOLUME FLY ASH CONCRETE</p> <p>ENHANCING BITUMEN PERFORMANCE THROUGH THE INCORPORATION OF WASTE PLASTIC AND PALM KERNEL ACTIVATED CARBON</p> <p>EXPERIMENTAL INVESTIGATION OF BIOMINERALIZED SAND AND BAGASSE ASH IN BRICK MANUFACTURING</p> <p>EXPLORATORY STUDY ON INCORPORATING PALM OIL FUEL ASH UNDER ELEVATED TEMPERATURES</p>	<p>Dr. M. Vinod Kumar</p> <p>Dr. S. Kandasamy</p> <p>Dr. S. Kandasamy</p> <p>Dr. S. Kandasamy</p> <p>Dr. S. Kandasamy</p> <p>Dr. S. Kandasamy</p>
<p>International Conference on New Frontiers in Chemical, Energy and Environmental Engineering</p> <p>National Institute of Technology, Warangal, Telangana. November 24 - 25, 2023</p>	<p>EFFICIENT BIOHYDROGEN PRODUCTION FROM CHAETOMORPHA ANTENNINA THROUGH BIOSURFACTANT INDUCED MICROWAVE DISRUPTION</p>	<p>Dr. K. Tamilarasan</p>

Conference Presentation

Details of Conference	Presentation Title	Faculty Name
<p>International Conference on Pollution Control for Clean Environment</p> <p>Indian Institute of Technology Bhubaneswar, Odisha. December 15-16, 2023</p>	<p>INTERACTION OF PLANT-SOIL MICROORGANISMS IN AGRICULTURE AND SOIL ENRICHMENT</p> <p>ENVIRONMENTAL IMPACT OF GROUNDWATER CONTAMINATION MONITORING FOR POLLUTION MEASUREMENT AND TRANSMISSION: A CASE STUDY OF WATER QUALITY PARAMETERS APPROACHES FROM A REGION OF THE SALEM DISTRICT, TAMILNADU, INDIA</p>	<p>Dr A Geetha Selvarani</p> <p>Dr. A. Geetha Selvarani & Dr. G. Kumar</p>
<p>International conference on Materials, Analysis and Advanced Manufacturing</p> <p>Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, Tamil Nadu. October 31 and November 1 2023</p>	<p>COW DUNG BASED BRICKS</p> <p>COMPRESSIVE STRENGTH PREDICTION OF RMC PLANT WASTE INCORPORATED CONCRETE USING ANN</p> <p>FEASIBILITY STUDIES ON SELF CURING FIBRE REINFORCED CONCRETE: AN SUSTAINABLE APPROACH</p> <p>SAFETY IN CONSTRUCTION SITE BY USING GIS</p> <p>TYPICAL GROWTH OF ROADS WITH MODERN MATERIALS- AN ART VIEW</p>	<p>Dr A Geetha Selvarani</p> <p>Dr. S. Samson</p> <p>Dr. M. Vinod Kumar</p> <p>Dr. G. Kumar</p> <p>Dr. G. Kumar</p>

Patents

S.No.	Inventors Name in Vel Tech	Name of the Invention	Application No. & Date	Granted / Published
Patent - Published				
1	Mr. T. UDHAYA KUMAR Dr. S. KANDASAMY Faculty Mrs. M. JAYADURGALAKSHMI Research Scholar	Potential Use Of Unconventional Materials In Concrete	202341058942 & 06/10/2023	Published
2	Dr. J. LOGESHWARI Faculty	A Novel Approach to Utilize Treated RCA as Landfill Liner	202341058820 & 06/10/2023	Published
3	Dr. M. VINOD KUMAR Faculty Mr. M. SRIDHAR Research Scholar	Novel fibre shape for effective bonding between fibres and concrete matrix	202341062039 & 06/10/2023	Published
4	Dr. K. R. ASWIN SIDHAARTH Faculty Dr. M. VINOD KUMAR Faculty Mrs. K. A. VINODHINI Research Scholar	Crack Filling Sealant Innovations: Utilizing Crumb Rubber and E-Waste in Powder Form as Partial Replacements for Bitumen	202341067502 & 13/10/2023	Published
5	Mr. T. UDHAYA KUMAR Faculty Mrs. M. JAYADURGALAKSHMI Research Scholar	Development of light weight green efficient masonry bricks using waste plastics and industrial wastes	202341075816 & 06/11/2023	Published
6	Dr. K. TAMILARASAN Faculty Mr. S. SHABARISH Research Scholar	Process for producing biohydrogen from macroalgae via sonic biosurfactant disintegration and composition for the same	202341060194 & 06/10/2023	Published

Patents

S.No.	Inventors Name in Vel Tech	Name of the Invention	Application No. & Date	Granted / Published
Design Application - Filled				
1.	Dr. M. VINOD KUMAR Faculty Ms. RAZAN ALZEIN Research Scholar	Novel Helical waste plastic fibers as concrete Reinforcing Fiber	RSA23D0014 & 23/11/2023	Published
Patent - Granted				
1.	Dr. S. KANDASAMY Faculty	LONG TERM PERFORMANCE OF FREEZETHAW AND CORROSION RESISTANCE OF STEEL FIBRE REINFORCED CONCRETE APPLICATIONS	201941035722 & 13/12/2023	Granted
2.	Mr. T. UDHAYA KUMAR Faculty	PREFABRICATED WALL PANELS USING GEOPOLYMER AGGREGATE CONCRETE	202241020482 & 11/10/2023	Granted
3.	Dr. S. SAMSON Faculty Mr. S. ASHOKRAM Research Scholar	INDUSTRIAL BY-PRODUCTS BASED INTERLOCKING BLOCKS COMPOSITION	202241042731 & 30/12/2023	Granted

Funded Projects



Dr. K. K. Gaayathri (PI) and Dr. J. Anita Jessie (CO-PI) received the seed research fund for the project entitled "Alternative eco-friendly material for sustainable infrastructure" sum of Rs. 1,50,000 for the AY 2023-2024.

Funded Projects

The following **SIX** faculty members were submitted their research proposals to **SERB - SURE** for the AY 2023-2024 during October – December 2023.



S.No.	Name of the Faculty (PI)	Project Title	Amount (Rs.)
1.	Dr. S. Kandasamy	Development of very high volume ultra fine flyash rubberized concrete by using Styrene butadiene rubber	27,95,283
2.	Dr. M. Vinod Kumar	An experimental and machine learning approach for development of lightweight, sustainable and crack resistant novel hollow core composite slabs for multi storied building's flooring system	23,91,081
3.	Dr. J. Cici Jennifer Raj	Experimental Investigation on a Steel Frame Base Isolated using Tyre-Soil Cushion for Seismic Base Isolation	29,63,200
4.	Dr. J. Logeshwari	Development of a contemporary landfill liner system for rapid degradation of wastes into reusable water for irrigation purpose with minimal sludge generation	26,52,100
5.	Dr. K.R. Aswin Sidhaarth	Carbon dots as adsorbent – a circular trajectory towards zld (zero liquid discharge) & zsd (zero solid discharge)	25,58,600
6.	Dr. S. Gopi Kumar	Computing on prevention of untreated sewage mixing freshwater for water security	29,00,000

NPTEL – Faculties

The following **FACULTY MEMBERS** completed the NPTEL course in **December 2023**:

Name of the Faculty	NPTEL Course	Category
Dr. K. R. ASWIN SIDHAARTH	Municipal solid waste management	Elite
Dr. K. TAMILARASAN	Urban Utilities Planning : Water Supply, Sanitation and Drainage	Elite + Silver
Dr. A. CHITHAMBAR GANESH	Admixtures and Special Concretes	Successfully Completed
Dr. S. SAMSON		Successfully Completed
Dr. J. SHAMUGAPRIYA		Elite
Dr. J. ANITHA JESSIE		Elite

NPTEL – Students

The following **STUDENTS** completed the NPTEL course in **December 2023**:

Name of the Student	NPTEL Course	Category
KUDIPUDI SYAM BABU	Municipal Solid waste Management	Elite
ASODI KUSUMA HARI HARA NADHA REDDY		Successfully Completed
AFREED BASHA SHAIK		Elite
SANTHOSH KUMAR S		Elite
HARISH KUMAR J		Elite
MOGHAN KUMAR S S		Elite
MARISAMI G		Elite
MAMIDI RAJA VAMSI		Introduction to Civil Engineering Profession
VADDI PREMSAI	Successfully Completed	
SHEELA RAGHAV	Building Materials and Composites	Successfully Completed
VADTHYAHEMLA NAIK	Design of Reinforced Concrete Structures	Elite + Silver
GORLE KRISHNA KRANTI		Elite + Silver
HAJARA THASNIM	Integrated Waste management for a Smart city	Elite

Awards & Recognitions



B.Tech. Final Year Civil Engineering Student **Mr. Dinesh Sharma Gurumayum** along with group of CSE students got **“Runner up Hackers”** in India’s Largest Student Run Hackathon (hackCBS 6.0) held at S.S. College of Business Studies, University of Delhi during 4-11-2023 to 5-11-2023.

Faculty Mentor:
Dr. J. Logeshwari

B.Tech. Final Year Civil Engineering Students **Mr. L. Rhangtsothe, Mr. Chisahu N Zhimomi and Mr. M. Raja Vamsi** got **“Best Paper Award”** in International conference on Materials, Analysis and Advanced Manufacturing at Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, during October 31st & 1st November 2023.

Project Supervisor:
Dr. M. Vinod Kumar



Job Offer

B.Tech. Final Year Civil Engineering Student **Mr. Pilli Avinash Kumar Reddy** got **“Job Offer”** of worth 4000 AED (Approx. Rs. 90,000) through Online Interview in **“AI NISR Roads and Constructions Contracting L.L.C.”**, United Arab Emirates.

Journal Publications

1. **Neha Raj (Research Scholar)** published article in “Sustainable utilization of biopolymers as green adhesive in soil improvement: A review”. Environmental Science and Pollution Research, 30, 118117-118132, 2023. (WoS)
(Supervisor: Dr. S. Selvakumar)

Conference Presentation

1. **Prashant Sidramayya Swami (Research Scholar)** presented the paper in “International Conference on Pollution Control for Clean Environment” organized by Indian Institute of Technology Bhubaneswar, Odisha, December 15-16, 2023.
(Supervisor: Dr. A. Geetha Selvarani)
2. **Prashant Sidramayya Swami (Research Scholar)** presented the paper in “International Conference on Materials, Analysis & Advanced manufacturing” organized Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai . October 31 & November 1 2023.
(Supervisor: Dr. A. Geetha Selvarani)
3. **Mr. L. Rhangtsothe, Mr. Chisahu N Zhimomi and Mr. M. Raja Vamsi (UG Students)** presented the paper in “International Conference on Materials, Analysis & Advanced manufacturing” organized Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai . October 31 & November 1 2023.
(Supervisor: Dr. M. Vinod Kumar)
4. **Niranjan Reddy (Research Scholar)** presented the paper in “International Conference on Condition Assessment, Rehabilitation and Retrofitting Structures” organized by Indian Institute of Technology Hyderabad, Telangana, December 11-13, 2023. (Supervisor: Dr. M. Vinod Kumar)
5. **R. Vijayakumar and S. Ashok Ram (Research Scholars)** presented the paper in “International Conference on Materials, Analysis & Advanced manufacturing” organized Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai . October 31 & November 1 2023.
(Supervisor: Dr. G. Kumar)
6. **Mr. S. Shabarish (Research Scholar)** presented the paper in “International Conference on New Frontiers in Chemical, Energy and Environmental Engineering” organized by National Institute of Technology, Warangal, Telangana, November 24 - 25, 2023. (Supervisor: Dr. S. Tamilarasan)
7. **B. Shweta (UG Student)** presented the paper in “International Conference on Innovative Research Trends in Civil Engineering in Association” with ICI & IEEE organized by Sri Sairam Engineering College, Chennai, November 16-17, 2023.
(Supervisor: Dr. J. Cici Jennifer Raj)

Events Attended

Vinoth R (Research Scholar) attended Online Workshop on “Water Proofing and Repair (Level 1)” 24th December 2024 organized by Concrete Study Circle.

S. No.	Name of the Faculty	Event Details (more than or equal to 5 days)
1.	E. Arul Devi	PDP on “Challenges on Implementation of Automation and Smart Sensing Technologies in Construction Sector” organized by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai during 18 th – 23 rd December 2023.
2.	RUBEL DAS	
3.	Ali Ebrahim	
4.	Shady Omran	
5.	SRIDHAR M	
6.	D G S Nivedha	
7.	K A VINODHINI	
8.	Ali Issa	
9.	RAJESH.R	
10.	Mano.M	
11.	S.SHABARISH	
12.	Rajesh J	
13.	Razan Alzein	



Editorial Board

Editor-in-Chief:

Dr. A. Geetha Selvarani – Prof. & Head / Civil Engineering

Editors:

Faculty Members:

Dr. M. Vinod Kumar – Professor / Civil Engineering

Dr. K. Tamarasan – Assistant Professor / Civil Engineering

Student Members:

Polimera Akhil (VTU 17900) – IV year / Civil Engineering

V. Ramalingam (VTU 24031)– III year / Civil Engineering

Manikanta Rao (VTU 27158) – II year / Civil Engineering



Contact Us

Department of Civil Engineering,
School of Mechanical & Construction,
Vel Tech Rangarajan Dr Sagunthala R&D
Institute of Science and Technology,
42, Vel Nagar, Vel Tech – Alamadhi Road,
Avadi, Chennai – 600 062, India
hodcivil@veltech.edu.in & +91 73388 03048

