



Vel Tech
Rangarajan Dr. Sagunthala
DAIT Institute of Science and Technology
Deemed to be University Estd. on 3rd OCT, 2008



School of Mechanical and Construction

Department of Civil Engineering

NEWSLETTER

Highlights @ VEL TECH / CIVIL ENGG. / January – June 2023 / Vol. 01

Editor-in-Chief:

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

Editors:

Dr. M. Vinod Kumar – Professor / Civil Engg.

Dr. K. Tamilarasan – Assistant Professor / Civil Engg.
Hendok (VTU 11078) – IV year / Civil Engg.

Polimera Akhil (VTU 17900) – III year / Civil Engg.

V. Ramalingam (VTU 24031) – II year / Civil Engg.

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Vision and Mission of the Department



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.



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

25th Board of Studies Meeting



The 25th Board of Studies meeting was held on 03.06.2023. 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 UGE 21 Curriculum.

Memorandum of Understanding with Industry

Department of Civil Engineering
Signed MoU with
SanVir Associates Pvt. Ltd.
On 22nd June 2023



The goal is to bridge the gap between academia and industry by equipping the students with the necessary problem-solving skills, updating recent trends, and industry exposure to thrive as an entrepreneur in the construction sector.

- In Plant training (IPT) will be arranged for students to get real time exposure in industry
- Inviting industry experts to deliver Lectures on recent trends in plumbing technology and MEP services to enhance the knowledge for lifelong learning
- Inviting experts to handle the hands-on training to enhance their career scope
- Requesting industries to give their problem statements and permit our students to complete them as a part of the curriculum project.
- Industrial visit arranged for getting knowledge about real time field exposure.
- Taking consultancy project from SanVir Associates Pvt. Ltd

Skill Development Programme with Industry

The faculty of department of **Civil Engineering** and Office of **Industry Relations**, have discussed with **Skill development** cell in-charges of **CREDAI, Chennai** on **24.07.2023**. They have discussed about topics of modules to be developed from our institute, and also discussed about skill development courses can be organised from CREDAI.

Contributions offered by CREDAI

- ☐ Short term skill development programme for first year student.
- ☐ Short term training programme for all years of civil engineering students.

Contributions Expected from Civil Engineering department of Vel Tech

Laboratory test result data base over a period of time for seasonal variations, initially for physical and strength parameters of cement and concrete.

Members Present

- | | |
|----------------------------|--|
| 1. Mr. C. S Sivakumar | : Industry Relations, Vel Tech |
| 2. Mr. A. Murthasan | : Assistant Professor & Industry Relations, Vel Tech |
| 3. Dr. A. Geetha Selvarani | : HOD - Civil Engineering, Vel Tech |
| 4. Dr. S. Samson | : Professor - Civil Engineering, Vel Tech |
| 5. Mr. S. Baskar | : Assistant Professor - Civil Engineering, Vel Tech |
| 6. Mr. R. Jayakumar | : Skill Development cell, CREDAI, Chennai |
| 7. Mr. Arul | : Skill Development cell, CREDAI, Chennai |



Discussion with technical team
of CREDAI and Vel Tech



Left to right: Mr Baskar, Mr Sivakumar,
Dr Geetha Selvarani, Dr Samson,
Mr Jayakumar, Mr Arul and Mr Murthasan

IGBC – Students Chapter

Reference: With video reference approval letter Subject regarding IGBC Membership Dated: 13.02.2023

In connection with the above approval letter, our Institute has now successfully become an **Annual Membership for the Calendar Year 2023** under "Institutional Membership" category (Membership No. IGBCIST290248). Kindly see the below attached certificate.



The **Department of Civil Engineering** and Civil Engineering Students Association (CESA) **has planned to install officially IGBC – Vel Tech Student Chapter** in this Summer Semester (AY 2023-2024) in the month of August/September 2023 with prior approval and other formal procedures.

Benefits offered to Members:

IGBC offers the following benefits to its members:

- Access to information
- Platform for networking to pursue business opportunities
- Opportunity to play an active role in the advocacy of green buildings
- Special discounts for IGBC programs and publications
- Exclusive downloads from the IGBC website

Student Chapter Benefits:

- Organizing workshops on green buildings within the campus
- Encourage students to appear in the Indian Green Building Council Accredited Professional (IGBC AP) examination
- Organize lectures on green buildings
- Participate in Green Building Congress, the annual IGBC flagship event on green buildings in India
- Participation in World Green Building week Celebrations every year during 3rd week of September
- Organize student missions to green buildings for first hand exposure
- Encourage the respective college students to participate in the annual architectural design competition organized by IGBC.

Technical Programmes Organized

In Association with



Civil Engineering
Students Association



American
Concrete
Institute

American Concrete
Institute



INDIAN PLUMBING ASSOCIATION
Regulating Plumbing Standards
and maintaining it well

Indian Plumbing
Association

Inauguration of "student chapter
of India chapter of ACI"
16.02.2023

International Expert Lecture on
"Low carbon foot print and blast
resistant concrete"
09.03.2023

World plumbing day celebration
along with "poster presentation
and essay writing competition"
15.03.2023

Short Term Course on "Plaxis 2D
Software"
06.04.2023 to 08.04.2023

Technical Programmes Organized



International Expert
Lecture on "Low carbon
foot print and blast
resistant concrete"



Technical Programmes Organized

World plumbing day celebration along with "poster presentation and essay writing competition"



Vel Tech
Engineering College, Chennai

**School of Mechanical and Construction
Department of Civil Engineering**

Comely venue for the celebration of

"WORLD PLUMBING DAY AND YOUNGSTERS DAY CELEBRATION"

ON
10th MARCH 2023, 10:00 AM

Venue: ECE Gallery Hall

Organized by
Representative of Civil Engineering
School of Mechanical and Construction

In association with Civil Engineering Teachers' Association (CETA) and
All India Plumbing Association (AIPA) Student Chapter (AIPAS)

Hon'ble Guest


Dr. S. Veeran
Regional Executive, Construction Monitor, AIPA

In the Presence of

Prof. Prof. K. R. S. N. Pragasam
Executive President, CETA

Dr. Suganthini Pragasam
Executive President

Prof. G. Subramanian
Area Coordinator

Organized by
Dr. S. Veeran
School of Mechanical and Construction
Dr. G. Subramanian
Department of Civil Engineering

Co-ordinators
Dr. S. Subramanian
Dr. S. Veeran
Executive President
Coordinator of Civil Engineering

10.03.2023



Technical Programmes Organized

Short Term Course on "Plaxis 2D Software"

Vel Tech
Engineering College
Chennai

25th Anniversary

Department of Civil Engineering
Organized by the Department of Civil Engineering

Plaxis 2D
SHORT TERM COURSE ON

17 - 19 April 2024 • 10:00 AM - 5:00 PM

Dr. S. Sathish Kumar
Speaker, Department of Civil Engineering

Dr. S. Sathish Kumar
Speaker, Department of Civil Engineering

Dr. S. Sathish Kumar
Speaker, Department of Civil Engineering



Vel Tech Technical Event Highlighted in Indian Plumbing Today (IPT) Magazine

World plumbing day celebration along with "Poster presentation and essay writing competition" was organized by Civil Engineering department Vel Tech with Indian Plumbing Association on March 15, 2023.

This event was published in Indian Plumbing Today (IPT) Magazine in July 2023 issue. Page No. 52-54



**WORLD PLUMBING DAY 2023
AND IPA FOUNDERS DAY
CELEBRATION**



Vel Tech Student Chapter and IPA Chennai Chapter

Vel Tech Technical Event Highlighted in Indian Plumbing Today (IPT) Magazine

HIGHLIGHTS

Afterwards, the Chief Guest and Dignitaries along with Students & Vel Tech Plumbing Maintenance Team visited and evaluated the Contest of Poster Presentation and Essay Writing Competition under the theme of "Contest 1 – Plumbers & Contest 2 – Save Water. A total of 24 students participated in the competition i.e., 11 Students participated in the Poster Presentation and 13 students participated in the Essay Writing Competition.

Afterwards, the Chief Guest and Dignitaries along with Students & Vel Tech Plumbing Maintenance Team visited and evaluated the Contest of Poster Presentation and Essay Writing Competition under the theme of "Contest 1 – Plumbers & Contest 2 – Save Water. A total of 24 students participated in the competition i.e., 11 Students participated in the Poster Presentation and 13 students participated in the Essay Writing Competition.

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Group photo of students and faculty members.



Student working on a plumbing project.



Student working on a plumbing project.



Students participating in the competition.

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Chief Guest and Dignitary.

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Chief Guest and Dignitary.



**WORLD PLUMBING DAY 2023
AND IPA FOUNDERS DAY
CELEBRATION**



Vel Tech Student Chapter and IPA Chennai Chapter

Faculty Members obtained SEED Fund for Research

In total, 4 faculty members received a seed research fund of Rs. 5,52,871 for doing preliminary level research in February 2023

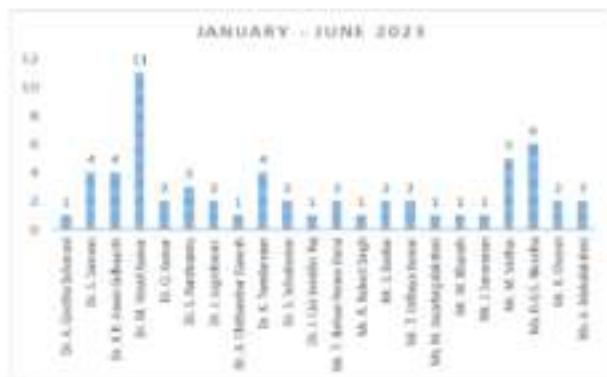
S.No.	Name of the Faculty	Project Title	Amount (Rs.)
1.	Dr. M. Vinod Kumar	Development of lightweight and sustainable fibre reinforced voided composite slabs	1,17,359
2.	Dr. J. Logeshwari	A Novel Application of Recycled Concrete Aggregate in Landfill	1,08,000
3.	Dr. A. Chitambar Ganesh	Effective utilization of Cassava peel ash as sustainable cementitious material	1,34,516
4.	Dr. B. Ramalingam	Multifunctional graphene-metal hybrid nanocomposite aerogel: a low cost point-of-use water purifier for the treatment of heavy metals and microbial contaminants	1,93,000
	Total		5,52,871

Faculties Funded Proposal Submission

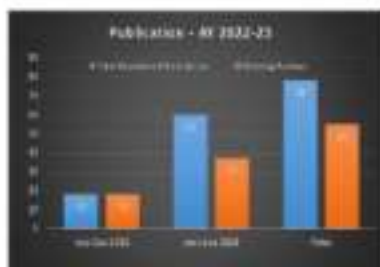
Name of the Faculty (PI)	Project Title	Funding Agency / Month & Year	Amount (Rs.)
Dr. A. Chittambar Ganesh	Development of Sustainable Cool Light Weight Geopolymer Bricks using Wastes	CMRG (Chief Minister's Research Grant) March 2023	21,61,000
Dr. S. Ramalingam	Collagen-based Fabrication of Microbial Biofilm Immobilized Graphene Magnetics Nanocomposites Aerogel: A Novel Approach for Utilization of Leather Solid Wastes and Potential Application in Sustainable Wastewater Treatment	SERB - TARE TEACHERS ASSOCIATESHIP FOR RESEARCH EXCELLENCE (TARE) March 2023	18,30,000
Dr. S. Sankumar	Innovative Utilization of Biopolymers as a Green Adhesive for the Substitution of Expensive Solis	SERB - TARE TEACHERS ASSOCIATESHIP FOR RESEARCH EXCELLENCE (TARE) March 2023	18,30,000

Publication by Faculty members

22 faculty members were published 60 journals, which is indexed in SCOPUS / WoS during January 2023 – June 2023



22 faculty members were published 37 journals as claiming author alone in SCOPUS / WoS during January 2023 – June 2023



THOMSON REUTERS®

Scopus®



Web of
Science
Group

Indian Patent: Granted and Published by Faculties

Granted	1
Published	1

- Indian Application no.: 202141044773
- Date of grant in India: 01.03.2023
- Title: Method of constructing lightweight concrete slab
- Applicants: *Dr M Vinod Kumar, Razan Almar, Dr K R Arwin Subbarath, Mr J Saravanan, Dr S Kandamuri*

GRANTED

- Indian Application no.: 202341003562
- Date of Filing in India: 18.01.2023
- Title: Bay based Modular Hydroponics in Arch Structure for Urban Rooftop gardening
- Applicants: *Dr S Saravani and Dr V R Manoj*

PUBLISHED

Faculty Awards and Recognition

9 Faculty Members were received Rewards (Cash Incentive) for Publications / Funded Projects / Consultancy / Patents in the CY 2022 on 24.06.2023

S. No.	Faculty Name	Designation	Achievement award (Cash Incentive)	Indian Rupees
1.	Dr. S. Senthil	Professor	Appreciation for Consultancy	Rs. 2,144
2.	Dr. K. R. Anand Subramanian	Associate Professor	Appreciation for Publication	Rs. 12,000
3.	Dr. M. Vinod Kumar	Associate Professor	Appreciation for Publication	Rs. 10,000
4.	Dr. S. Ganesan	Associate Professor	Appreciation for Research Proposal and Publication	Rs. 20,417
5.	Dr. J. Jagathesan	Associate Professor	Appreciation for Consultancy	Rs. 2,160
6.	Dr. K. Ramakrishnan	Assistant Professor	Appreciation for Publication	Rs. 10,000
7.	Dr. S. Subash Kumar	Assistant Professor	Appreciation for Publication	Rs. 15,000
8.	Mr. T. Rajan Perumal	Assistant Professor	Appreciation for Patent	Rs. 5,000
9.	Mr. T. Jathava Kumar	Assistant Professor	Appreciation for Consultancy	Rs. 5,000



Faculty Awards and Recognition

Faculty Name

Description of Award/Recognition

DR. J. LOGESHWARI

Best Paper award in International Conference on
Core Engineering and Technology, Peri Institute
of Technology, Chennai on 4 May 2023



ALM for Teaching and Learning

S. No.	Course Code-Name/ Faculty Name	Method of Implemented	No. of Students participated
1	1151CE206 Environmental Engineering (Dr. K. Tamilarasan)	Model based teaching	No. of Students - 35 
2	1152CE130 Water Resource and Irrigation Engineering (Mr. S. Baskar)	Model based teaching and online chart maker tool	No. of Students - 20 
3	1151CE111 Design of Steel Structures (Dr. S. Samson)	Model based teaching	No. of Students - 29 

ALM for Teaching and Learning

S. No.	Course Code-Name/ Faculty Name	Method of Implemented	No. of Students participated
5.	1152CE124 Highway Engineering (Dr. S. Selvakumar)	Focused listing	No. of Students - 27 
6.	1152CE211-Pavement Engineering (Dr. J. Logeshwari)	Participative learning	No. of Students - 20 
6.	1154CE104 Building Materials (Ms. A. Mahalakshmi)	Think break	No. of Students - 39

Faculty promotions

The following three faculty members promoted as "Professor" under 'Career Advancement Scheme (CAS)' with effect from 26.05.2023



Dr. K. R. Aswin Sidhaarth
TTS 2306
Environmental Engineering



Dr. M. Vinod Kumar
TTS 2677
Structural Engineering



Dr. S. Kandesamy
TTS 2867
Concrete Technology

Faculty as Resource Person

S. No.	Faculty Name	Category	Detail of Event	Date
1.	Dr. K. R. Aravin Sodhearth	Keynote Speaker for STTP	Short-term Training Programme of Scientific Research, Publications, Grants and Intellectual Property Rights, Adithya Institute of Technology, Coimbatore	June 13, 2023
2.	Dr. M. Vinod Kumar	Keynote Speaker for FDP	International Level Faculty Development Programme (Virtual mode) on Current Strategies in Civil Engineering, Department of Civil Engineering, Sri Rangaswathi Institute of Engineering and Technology, Coimbatore	January 2-6, 2023
3.	Dr. M. Vinod Kumar	Keynote Speaker for FDP	Online Faculty Development Programme on Futuristic Trends in Civil Engineering, Department of Civil Engineering, Kongunadu College of Engineering and Technology, Tricky	February 6-11, 2023
4.	Dr. M. Vinod Kumar	External expert for poster presentation (Jury)	Tech Star Summit 2023 (Students Project Poster Presentation), Sreeva Institute of Medical and Technical Sciences, Chennai	April 29, 2023

Faculty as Resource Person

S. No.	Faculty Name	Category	Details of Event	Date
5	Dr. A. Chitambar Ganesh	Resource person and Chief guest for FDP	Faculty development Program on Current Strategies in Civil Engineering, Sri Ranganathan Institute of Engineering and Technology, Coimbatore.	January 02, 2023
6	Dr. A. Chitambar Ganesh	Resource Person for the Guest Lecture	Rheology of Concrete for Kalasalingam Academy of Research and Education, Krishnankovil.	March 30, 2023
7	Dr. A. Chitambar Ganesh	Resource Person for the Guest Lecture	Geopolymer Concrete – A Green Technology in Construction Sector for Mohan Babu University, Tirupati.	April 7, 2023
8	Dr. S. Kandasamy	Resource Person for the Guest Lecture	Ex. Perusal Marimakkalai College of Engineering, Hosur	April 13, 2023

MOOC Courses completed by Faculties

Name of the Faculty	Title of the Course	Institution Offered the Course	Course Duration	Score	Category
D.K.DAMILARASAN	WATER SUPPLY ENGINEERING	IT KHARAGPUR	12 WEEKS	68	ETW
D.V.S.GANDASAMY	CONCRETE TECHNOLOGY	IT MADRAS	12 WEEKS	49	COMPUTER



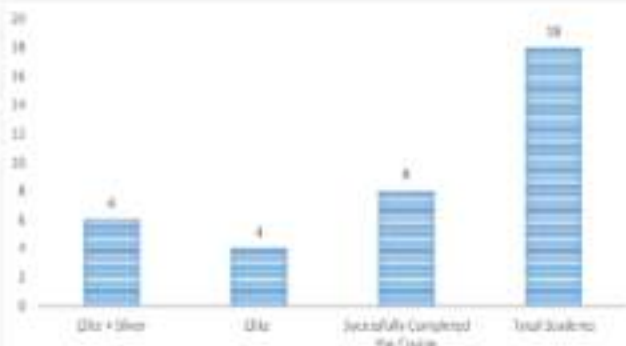
MOOC Courses completed by Students

Winter Semester :
18 student
6 courses

Score	Type of Certificate
≥90	Elite+Gold
75-89	Elite+Silver
≥60	Elite
40-59	Successfully completed the course
<40	No Certificate

S. No	Name of the Course	Course Offering Institution	Number of Weeks	Course Code	Recommended Credits
1	Digital Law including Anti-Hacking	IT Academy	1 Week	ITNAC309	2
2	Introduction to Civil Engineering Profession	IT Madras	1 Week	ITNAC305	2
3	University Introduction	IT Madras	12 Weeks	ITNAC301	3
4	Energy Efficiency, Acoustics and Day Lighting in Building	IT Madras	12 Weeks	ITNAC303	4
5	Software Construction	IT Madras	1 Week	ITNAC307	2
6	Building Materials and Composites	IT Academy	1 Week	ITNAC304	2

Approved MOOC Courses for Subsequent Learning (Courses 2 to 6 only)



Industry/Higher Learning Institute Interaction Courses

1157CE908 / 10215CE901
Basics of Building Planning and Approval Process

Mr. Delajj,
Proprietor, Ellora Builders, Chennai.

April 10-13, 2023

65 Students benefitted



Industry/Higher Learning Institute Interaction Courses

11SDCE901

ABACUS for civil engineers

Dr. Mustafasanie M. Yusoff

Senior Lecturer, School of Civil Engineering
Universiti Sains Malaysia.

February 19-23, 2023

34 Students benefitted



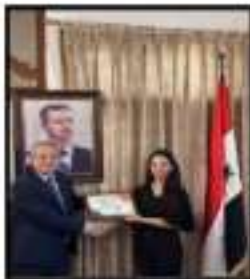
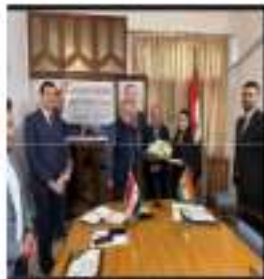
Industrial Visit undergone by Students

Students along with team of Faculty Members were sent to Central Public Work Department (CPWD) construction site at Anna Nagar, Chennai on February 25-26, 2023 to see the Construction of Multistoried Buildings using "Tunnel Form Technology"

Year – U.G.	No. of Students Benefitted
II	34
III	50
IV	7



Students Achievements



Ms. Razan Alzein
(Research Scholar)

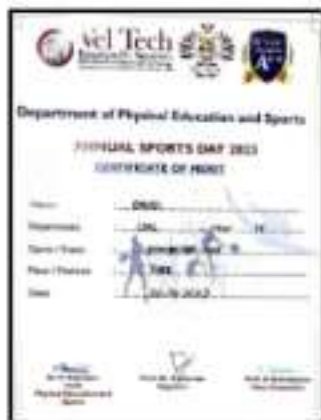
**"Awarded for Outstanding Innovation" (Patent Granted) by
Embassy of the Syrian Arab Republic, 30.03.2023**



Mr. T. Ravindran
(B.Tech – III Year)

**Received the "Best Bowler Award" twice, 5th
Division Cricket Match, 09.03.2023**

Students Achievements



Mr. K. Balaji
(B.Tech – IV Year)

"Third Prize" in BADMINTON
Competition, Annual Sports Day 2023,
Vel Tech University, Chennai, 26.04.2023

Mr. Dinesh Sharma
Ms. Jova John
(B.Tech – III Year)
Ms. B. Sruthi
(B.Tech – II Year)

"Team Participation"
in American Concrete
Institute (Indian
Chapter) Rs. 15,000/-
Scholarship for 3
students, 16.02.2023.
Totally Rs 45000/-



Students Achievements



Mr. Prabhunath Teli Gupta
Mr. Ananda Kumar Gupta
Mr. Dipendra Singh
(B.Tech – III Year)

Participated in "International Symposium" conducted by IIT Bombay, 19.03.2023



Mr. V. Ramalingam
(B.Tech – II Year)

Participated in "International Conference" organized by SSN College of Engineering, Chennai, 23.03.2023 to 24.03.2023



Mr. V. Rakesh
Ms. P. Bhavani
Mr. V. Sai Manikanta
(B.Tech – III Year)

Participated in "Workshop" organized by Anna University, Chennai, 11.04.2023

Students Placements

Academic Year 2022-23

S.No.	VTU NO.	NAME OF THE STUDENT	COMPANY NAME	PACKAGE
1	11965	ANDRA KOMAL SRI SAI	CAPGEMINI COGNIZANT	4.25 / 4 LPA
2	15865	SREENADH REDDY	COGNIZANT	4 LPA
3	14040	TEJASWINI REDDY	ACCENTURE	4.25 LPA
4	13918	GNANA PRIYA	ACCENTURE	4.25 LPA
5	13551	ABDUL SAMAD	COGNIZANT	4 LPA
6	13935	AKURI NAVEEN REDDY	RAMKY INFRASTRUCTURE	1.3 LPA
7	13278	AKASH M	BESTEN	1.2 LPA
8	16241	ANISH SHAH	JSW	9.5 LPA
9	13942	ANSHU RAJ	AG&P PRATHAM/JSW	5.5 / 9.5 LPA
10	11970	ROHIT KUMAR	AG&P PRATHAM	5.5 LPA
11	16143	SURENDRA KUMAR SAH	RAMKY INFRASTRUCTURE	1.2 LPA
12	13972	RAHUL SINGH	CONCENTRIX	3.0 LPA
13	15218	R LINGAREDDY REDDY	SHRI RAM FINANCE	2.8 LPA

Students undergone Internship based Projects

51 students were done their Major Project undergone Internship in 10 reputed Industries during January 2023 – June 2023



1. Bodhi Holding Pvt. Ltd., Nepal



6. Govt. of Meghalaya, Building Division



2. Central Public Works Department, Chennai



7. The Ramco Cements Limited



3. Postal Highway Directorate, Nepal



8. Tanaku Hydropower Limited, Nepal



4. ABCI Construction and Developers



9. Krishna Construction Pvt. Ltd., Indore.



5. Visakh Homes Limited, Chennai



10. Sagarmala Port-Led Prosperity, Andaman

Ph.D. Completed by Research Scholars



Vel Tech
Rangaraj Dr. Nagalingam
Engineering College
Chennai - 600 062

Date: 05.05.2023

VIVA VOCE **Ph.D. Viva Voce Examination**

Presented Candidate:	COLLEGE ID: 001
Reg. No. of the Candidate:	00012020001
Reg. No. of the Topic:	000001 - Polymerization of Methyl Methacrylate (PMMMA) in the presence of a Free Radical Initiator
Department:	Civil Engineering
Department Head:	Dr. M. Vinod Kumar
	Associate Professor
	Department of Civil Engineering, Vel Tech
Chair:	Dr. K. Rajesh Kumar
Panel:	Dr. N. Pennirselvam
Panel:	Dr. N. Pennirselvam
Panel:	Dr. N. Pennirselvam
	Dr. N. Pennirselvam

VEL TECH ENGINEERING COLLEGE

Signature:
1. Dr. M. Vinod Kumar
2. Dr. K. Rajesh Kumar
3. Dr. N. Pennirselvam
4. Dr. N. Pennirselvam
5. Dr. N. Pennirselvam
6. Dr. N. Pennirselvam



Vel Tech Engineering College
Chennai - 600 062

Ph.D. Viva Voce Examination was successfully defended by the Full-Time Research Scholar Mrs. J. Gid Jennifer Raj on 25.05.2023.

Research Supervisor:

Dr. M. Vinod Kumar

Associate Professor - Civil Engineering

Indian Examiner:

Dr. K. Rajesh Kumar

Associate Professor,

Department of Civil Engineering,

SR University,

Warangal, Telangana.

Dr. N. Pennirselvam,

Associate Professor,

Department of Civil Engineering,

SKM Institute of Science and Technology,

Kattankulathur, Chennai.

Research Scholars & Students – Journal Publications

S. No.	Research Scholars & Students Name	Paper Title	Journal Name	Month & Year
1.	T. Anurag Vathani, (Research Scholar – Full Time), Dr. J. Logeshwari	A novel approach to utilize recycled concrete aggregates as landfill liner	Waste Management Bulletin	June 2023
2.	Anurag Vathani, (Research Scholar – Full Time), Dr. J. Logeshwari	Sustainability in using recycled aggregate	AIP Conference Proceedings	June 2023
3.	Vinodhini (Research Scholar – Full Time), Dr. K.R. Arwin Siddharth	An investigation study on automatic crack detection using image processing techniques	AIP Conference Proceedings	June 2023
4.	Razan Alzein (Research Scholar – Full Time), Dr. M. Usaid Kumar	Development of Concrete Slabs by Using Hollow Core Action Integrated with Profiled Steel Sheets: State of the Art Review	International Journal of Steel Structures	February 2023
5.	Shabarish S., (Research Scholar – Full Time), Dr. K. Tamilanzen	Anaerobic fermentation of seaweed for enhanced bihydrogen production through combined sonic surfactant disintegration: Process optimization and Energy assessment	Biomass Conversion and Biorefinery	February 2023
6.	Shabarish S., (Research Scholar – Full Time), Dr. K. Tamilanzen	Statistical optimization of chemo-sonic liquefaction in macroalgae for bihydrogen generation - An energy effective approach	Energies	March 2023
7.	Shabarish S., (Research Scholar – Full Time), Dr. K. Tamilanzen	Biobiohydrogen production from macroalgae via sonic-biosurfactant disintegration - An energy-efficient approach	Resources, Environment and Sustainability	March 2023
8.	Shabarish S., (Research Scholar – Full Time), Dr. K. Tamilanzen	Efficient therapy of electroplating industry through HUASS coupled with dual chambered microbial fuel cell	AIP Conference Proceedings	June 2023

Research Scholars & Students – Conference Presentation

S. No.	Research Scholars & Students Name	Paper Title	Conference Details
1.	Irfan Ahmed M (PO Student), Dr. M. Vinod Kumar	Strength, Durability of Microstructure Characteristics of Shot reinforced geopolymer concrete with treated foundry sand	International Conference on Core Engineering & Technology organized by Peri Institute of Technology, Chennai. 4 th May, 2023
2.	P. Sathish Kumar (PO Student), Dr. M. Vinod Kumar	Effects of Double Headed Nylon Fibres in Concrete properties.	International Conference on Core Engineering & Technology organized by Peri Institute of Technology, Chennai. 4 th May, 2023
3.	Mohamed Kaleemullah. S.S (PG Student), Dr. J. Logeshwari	Experimental Investigation on light weight M-sand residue concrete in sandwich wall panel.	International Conference on Core Engineering & Technology organized by Peri Institute of Technology, Chennai. 4 th May, 2023
4.	V. Ramalingam (UG Student), Dr. J. Logeshwari	Marina Soil Stabilization Using MICP Techniques	4 th International Conference on Sustainable Practices & Innovations in Civil Engineering organized by SSN College of Engineering, Chennai. 23-24 th March, 2023
5.	Razan Alzein (Research Scholar - Full Time), Dr. M. Vinod Kumar	Latest Trends in Composite Slabs as an Effective Structural System: State of Art review	International Conference on Civil Engineering Innovative Development in Engineering Advances organized by SSN Institute of Science and Technology, Chennai. 9-11 th March, 2023
6.	Anstey Vathani (Research Scholar - Full Time), Dr. J. Logeshwari	Lifecycle assessment of perishable wastes than konyashedi market	4 th International Conference on Sustainable Practices & Innovations in Civil Engineering organized by SSN College of Engineering, Chennai. 23-24 th March, 2023
7.	R. Rajeshwara (Research Scholar - Full Time), Dr. J. Logeshwari	Experimental Investigation on Sandrich WHI Infill in Framed Structure	National Conference on Recent Advances in Construction Materials and Structures organized by PSG College of Technology, Coimbatore. 3-5 th February, 2023

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