

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY



®

(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G. Chidambara Nadar - C. Nagammal Campus

S.P.G.C Nagar, K. Vellakulam - 625 701, (Near VIRUDHUNAGAR).

CIVIL CURRENTS

DEPARTMENT OF CIVIL ENGINEERING

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NEWSLETTER JULY - DECEMBER 2024

EDITION 3



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NEWSLETTER JULY - DEC 2024

VISION & MISSION & QUALITY POLICY OF THE COLLEGE

Vision : To Make this Institution the unique of its kind in the field of Research and Development activities in this part of world.

Mission : To impart highly innovative and technical knowledge to the urban and unreachable rural student folks through "Total Quality Education".

Quality Policy : Committed to impart Quality Technical Education imbued with proficiency, human values and continual improvement.

VISION & MISSION OF THE DEPARTMENT

Vision : To make the department of civil engineering, unique of its kind to promote education and research in the various fields of construction industry.

Mission: To impart highly innovative and technical knowledge in the field of civil engineering to the urban and rural student folks through "Total Quality Education"

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PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

PEO - 1 : Graduates of the Programme will analyze, investigate and design complex Civil Engineering problems by applying the fundamental knowledge of Mathematics and Science, Modern tools and Cutting edge technologies of Civil Engineering.

PEO - 2 : Graduates of the programme will continuously upgrade the domain specific knowledge to contribute for the societal benefit through Research and Development with main focus on Environment protection and Sustainability.

PEO - 3 : Graduates of the programme will prove as a competent team member as well as a successful team leader of Civil Engineering projects by making efficient documentation, presentation and execution by effectively communicating among the Engineering community and applying management principles with professional ethics

PROGRAM SPECIFIC OUTCOMES (PSOS)

PSO 1 :- Graduating students will be able to deal complex problems in the field of Civil Engineering to achieve design solutions with modern technological approach and application software.

PSO 2 :- Graduating students will be able to understand the professional Civil Engineering practice and apply contextual knowledge with the appropriate consideration of the society and environment.

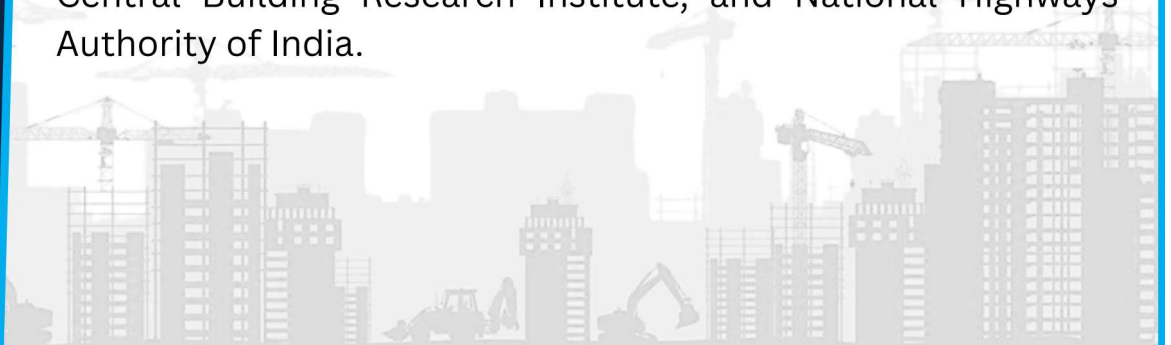
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ABOUT THE DEPARTMENT

The Department of Civil Engineering was started in the academic year 2009 with a sanctioned intake of 60. The Department has well equipped laboratory facilities and a team of highly qualified faculty experienced in diversified fields of Civil Engineering. The Department is specifically aiming to train the students through in plant training and industrial visits to make awareness among the students on the field problems of the construction industry. The department provides a range of value-added courses, such as 3DS MAX, PRIMAVERA, TEKLA STRUCTURES, REVIT ARCHITECTURES, etc., to meet industry demands. Students are encouraged to actively participate in co curricular and extra curricular activities. Department Conducts various placement activities such as training on Aptitude Skills, Technical skills and Refresher courses on subjects relevant to meet the industrial demands in addition to the various training programmes organized by the Training & Placement Cell. Civil engineers are trained to apply their expertise in a variety of projects, such as waste management, waste water treatment, design and analysis of residential buildings, bridges, roads, manufacturing plants, and industrial units. Currently, our alumni work for reputable domestic and worldwide companies. We also have alumni going on to higher study in esteemed colleges and universities, both in India and abroad. In order to promote industry-institute interaction, give students practically relevant skills, and provide placement opportunities, the Department of Civil Engineering has signed Memorandums of Understanding (MoUs) with a number of organizations, including Ramco Cements, NAWAD TECH, CSIR-Central Building Research Institute, and National Highways Authority of India.





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FACULTY DETAILS



S.No	Name of the Faculty	Designation	Specialization
1	Dr.N. JEGAN DURAI, M.Tech., Ph.D.	Assistant Professor & Head	Environmental Engineering
2	Dr.P.GANESH PRABHU, M.E., Ph.D.	Assistant Professor	Construction Engineering Management
3	Dr.M. SUBAHAR, M.E.,Ph.D.	Assistant Professor	Structural Engineering
4	Mr.P.PONKARTHIKEYAN, M.E.,(Ph.D).,	Assistant Professor	Environmental Engineering
5	Mr.D. VELUMANI, M.E., (Ph.D).,	Assistant Professor	Structural Engineering
6	Ms.S. BRINTHA, M.E.,	Assistant Professor	Structural Engineering
7	Mr.K. HARIHARAN M.E.,	Assistant Professor	Structural Engineering





Awards and Achievements

Name of the Faculty Member(s)	Name of the Award
Dr.M.Subahar	<ul style="list-style-type: none">Completed Ph.D on 25.08.2023
Mr.P.Ponkarthikeyan	<ul style="list-style-type: none">Winner in Build-A-Thon 2024Runner in Mini Technovision and Technovision 2024
Mr.D.Velumani	<ul style="list-style-type: none">Best Supervisor Award - Techhnovision 2k24
Mr.K.Hariharan	<ul style="list-style-type: none">Active Researcher Award





FACULTY PARTICIPATIONS

Awards/Guest Lecture Delivered/ Acted as Resource Person in Symposium, Seminar, Conference, FDP, Workshops/Journal Publications/NPTEL/Any

- Mr.D.Velumani has attended five days FDP on 'Hands-on Training for Spatial Asset Management Using GIS' organized by Velammal Engineering College, Chennai from 09.12.2024 to 13.12.2024.
- Dr.N.Jegan Durai, has participated in the One Week National Level Online Faculty Development Program on "Outcome Based Education and Application of Generative AI in Teaching and Research", organised jointly by The University of Engineering & Management Jaipur, Rajasthan and Nirmala College, Muvattupuzha (Autonomous), Kerala in association with ipsr solutions limited from 19.09.2024 to 28.09.2024.
- Dr.N.Jegan Durai, has participated in the One day Workshop on "Water,Soil and Air Pollution" held at The Institution of Engineers (India), Madurai Local Centre on 23.11.2024.
- Dr.N.Jegan Durai, has participated in the webinar on "Soil Remediation Techniques in Environmental Protection" organized by Department of Civil Engineering, Presidency University, Bengaluru on 06.12.2024.
- Dr.N.Jegan Durai, has attended five days FDP on 'Hands-on Training for Spatial Asset Management Using GIS' organized by Velammal Engineering College, Chennai from 09.12.2024 to 13.12.2024.





FACULTY PARTICIPATIONS

- Mr.P.Ponkarthikeyan participated five days FDP on 'Hands-on Training for Spatial Asset Management Using GIS' organized by Velammal Engineering College, Chennai from 09.12.2024 to 13.12.2024.
- Mr.P.Ponkarthikeyan successfully completed NPTEL course Geotechnical Engineering Laboratory with Elite+Silver.
- Mr.K.Hariharan attended workshop on on Field Oriented Challenges in Civil Engineering organized by National Institute of Technology, Jamshedpur from 5.8.2024 to 9.8.2024
- Mr.K.Hariharan attended FDP on Research Trends and Future Scope in Civil Engineering organized by NIT, Jamshedpur from 9.9.2024 to 13.9.2024
- Mr.K.Hariharan attended FDP on Advanced Materials and Techniques for the Repair and Strengthening of Concrete Structures organized by R.V.R & J.C College of Engineering, Guntur, Andhrapradesh from 23.9.2024 to 27.9.2024
- Mr.K.Hariharan filed Patent on DEVICE FOR CHECKING SPEED, DISTANCE AND OBJECT IN HIGHWAY CROSSING - 456990-001





ACADEMIC RESEARCH

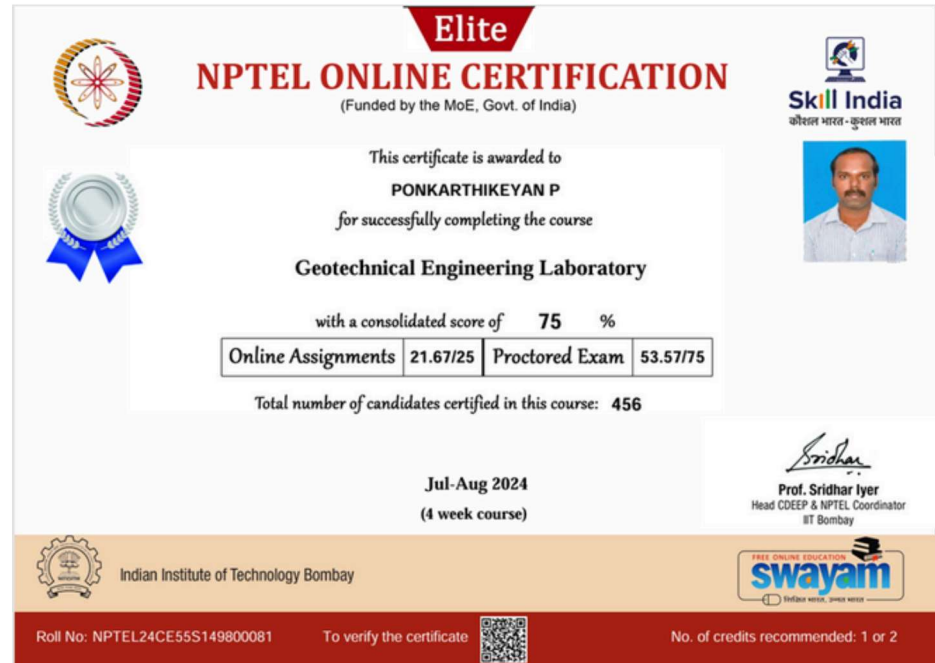
JOURNAL PUBLICATION

Title of paper	Name of the authors	Name of the journal	Issue/ Volume No. Year of publication	ISSN number
Development of a Sustainable Flax Fiber-Geopolymer Composite Matrix Incorporated with Copper Slag as a Filler	Dr.M.Subahar Mohan	Global Nest	8/26/2024	2241-777X
Study on performance of light transmittance geopolymer composite	Dr. P. Ganeshprabhu Mrs. S. Brintha	International Journal of Advanced Technology and Engineering Exploration	1/11/2024	11.120 (2024): 1533.





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VALUE ADDED COURSES / EEC ORGANIZED

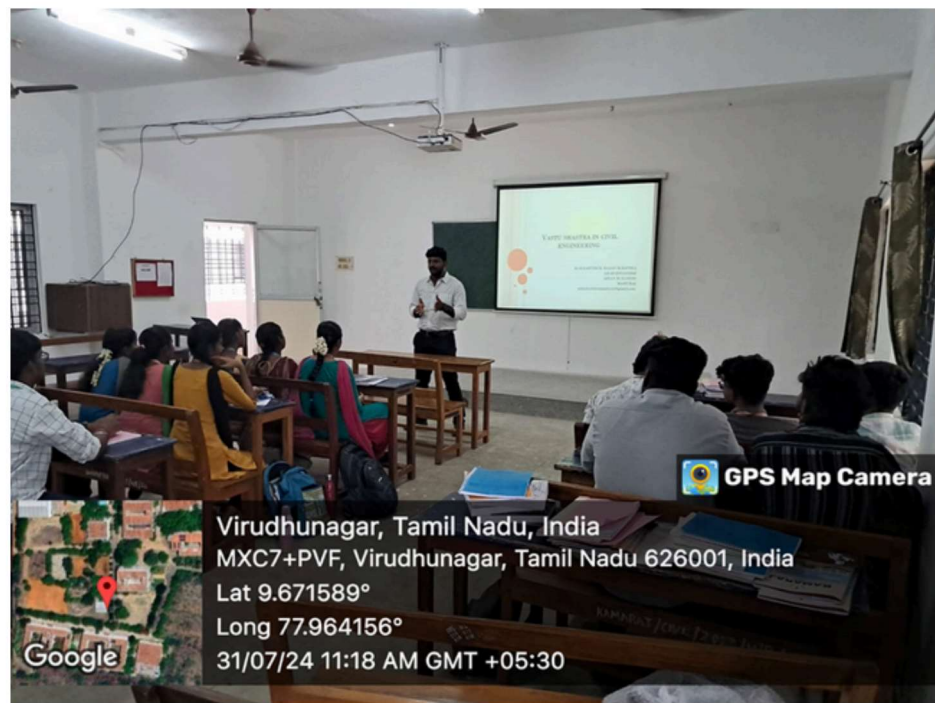
Name of the Programme	Date	No. of Participants	Resource Persons/ Chief Guest
Value-added course on "Advanced 3D Modeling Using 3ds max with V-Ray	19.12.2024 to 21.12.2024	09	Thulir Studio, Virudhunagar
Value-added course on 3D modelling, Interior and Elevation Designing	08.07.2024 to 11.07.2024	09	Thulir Studio, Virudhunagar

EVENTS ORGANIZED

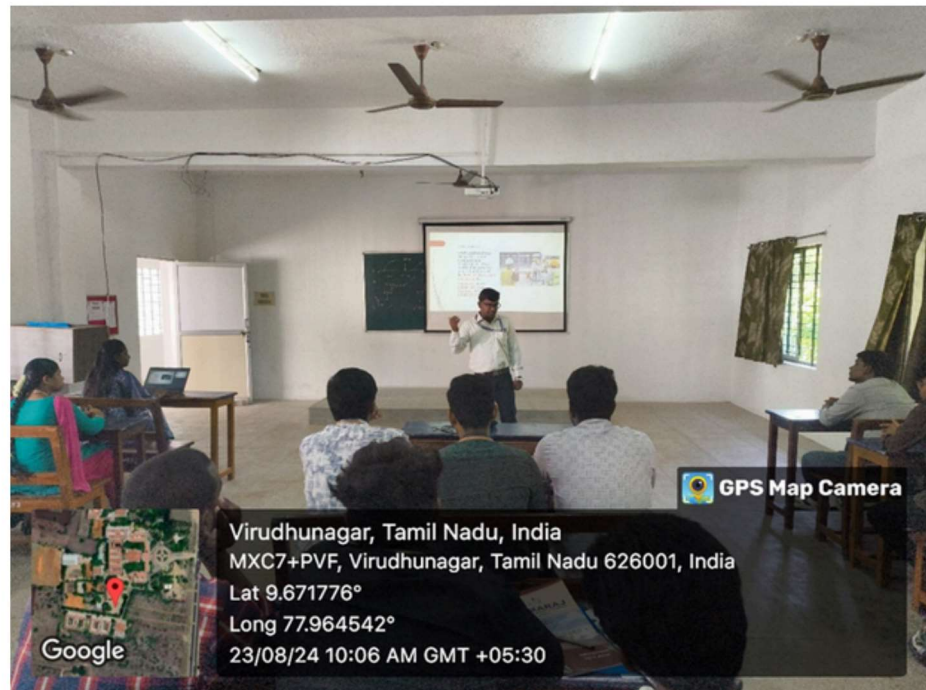
Si. No	Name of the Program	Date	Sponsoring Authority, if any	Resource Person/Chief Guest	No. of Participants	Coordinators
1	Guest Lecture on Competitive Exam Preparation Strategy and Tips	23.08.2024	-	Er.R.Jeyahari narayanan Assistant Engineer Water Resources Department Virudhunagar	30	Mr.K.Hariharan
2	Guest Lecture	30.08.2024	-	Er.Palpandi, Managing Director, MAHA Construction s	28	Dr.M.Subahar, Mr.D.Veluman
3	Guest Lecture	31.07.2024	-	Er.B.Karthick Rajan M.E., Proprietor, Asian Builders, Madurai	30	Mr.K.Hariharan

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Alumni Guest Lecture on the topic Vastu Sastra in Civil Engineering
Resource person: Er.B.Karthick Rajan M.E., Proprietor, Asian Builders, Madurai



Alumni Guest Lecture on 'Competitive Exam Preparation Strategy and Tips' Er.R.Jeyaharinarayanan B.E., Assistant Engineer, Water Resources Department, Virudhunagar



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ISTE
INDIAN SOCIETY FOR TECHNICAL EDUCATION

ORGANIZES A LECTURE ON

CIVIL ENGINEERING INSIGHTS
"JOURNEY FROM CAMPUS TO CAREER"

VENUE
CIVIL CAD LAB

30 SEP
@ 11:00 AM

Er.M.PALPANDI
Managing Director, MAHA Construction

Coordinators
Dr.M.Subahar AP/Civil
Mr.D.Velumani AP/Civil

Convener
Dr.N.Jegandurai,
HOD/Civil

Principal
Dr.S.Senthil

Guest Lecture on Civil Engineering Insights " Journey from Campus to Career"

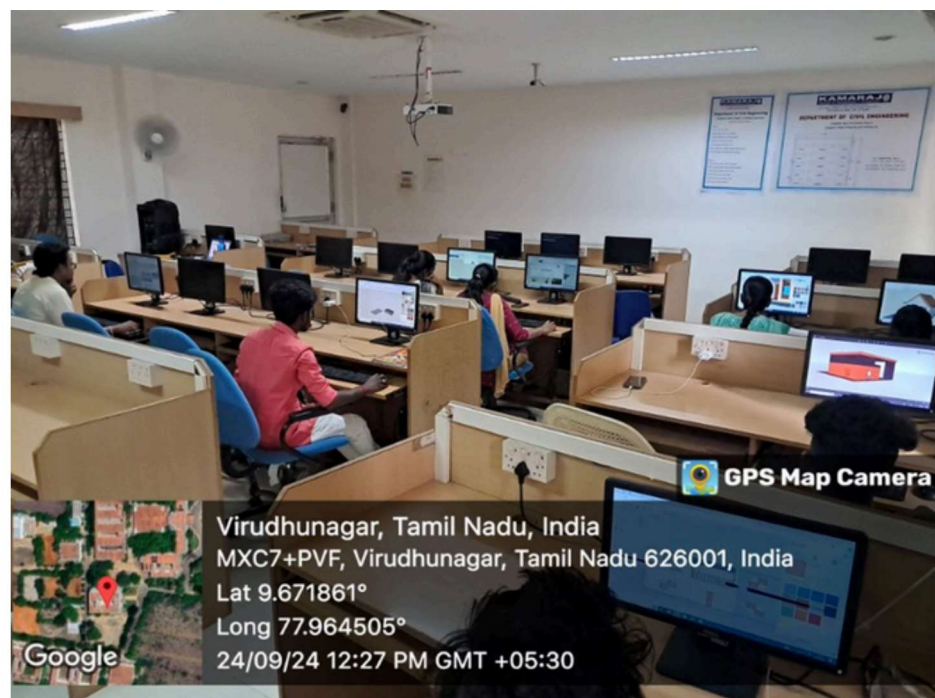




ISTE ACTIVITIES



Second Year Poster Presentation - "LANDSLIDE IN INDIA WITH A CASE STUDY"



Third Year - 3D – Building Modelling Using – Skechthup





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Final Year - Market Your Project





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STUDENTS ACHIEVEMENTS

Symposium/Conference/Contest/NPTEL

Sl.No	Name of the Student & Year	Name of the Program	Date	Organizing Institution	Participated/Presented	Prizes Won
1	Pavithra.M-III	3D-Building Modeling Using SKETCHUP	24.09.2024	KCET	Participated	III
2	A.Sri poopanraja IV	Paper presentation	04.10.2024	Sri Sai Ranganathan Engg College Coimbatore	Participated	-
3	A.Sri poopanraja IV	CAD Modeling	04.10.2024	Sri Sai Ranganathan Engg College Coimbatore	Participated	I
4	Surya T IV	Paper presentation & Technical quiz	04.10.2024	Sri Sai Ranganathan Engg College Coimbatore	Participated	-
5	Priyadharshini N IV	Paper presentation & CAD modeling	04.10.2024	Sri Sai Ranganathan Engg College Coimbatore	Participated	-
6	Varshidha.U IV	Paper presentation	04.10.2024	Sri Sai Ranganathan Engg College Coimbatore	Participated	-

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Si.No	Name of the Student & Year	Name of the Program	Date	Organizing Institution	Participated/Presented	Prizes Won
7	D.Senthilkumar IV	Paper presentation & CAD modeling	04.10.2024	Sri Sai Ranganathan Engg College Coimbatore	Participated	-
8	S.Amuthavalli IV	Paper presentation	04.10.2024	Sri Sai Ranganathan Engg College Coimbatore	Participated	-
9	S.Alagusivarama krishnan IV	Paper presentation & Technical quiz	04.10.2024	Sri Sai Ranganathan Engg College Coimbatore	Participated	-
10	A.G.Niranjana IV	Paper presentation	04.10.2024	Sri Sai Ranganathan Engg College Coimbatore	Participated	-
11	C.Vishva IV	Paper presentation & CAD modeling	04.10.2024	Sri Sai Ranganathan Engg College Coimbatore	Participated	-
12	V.Poornima IV	Paper presentation & CAD modeling	04.10.2024	Sri Sai Ranganathan Engg College Coimbatore	Participated	-
13	N.Shrivishwambaran IV	Paper presentation	04.10.2024	Sri Sai Ranganathan Engg College Coimbatore	Participated	-
14	N.Shrivishwambaran IV	CAD Modeling	04.10.2024	Sri Sai Ranganathan Engg College Coimbatore	Participated	III



CONSULTANCY

Si. No	Date	Title of Consultancy Work	Name of the Industry	Name of the Faculty Involved	Amount	Status(Completed/On going)
1	14.10.2024	Tension Test	Er. Sugirdev, Sri Amritha Creators, Virudhunagar	Mr.K.Hariharan	5310	Completed

OTHERS

MoU/Industrial Visit/ Internship

- Mr.K.Hariharan organized one day industrial visit to II & III year students to NOTCH India Pvt.Ltd and Kalaingar Cetenary Library
- A.Sripoopanraja, R.Uthamaraja, Surya T, Priyadharshini.N, D.Senthilkumar, S.Amuthavalli, S.Alagusivaramkrishnan, M.Sathishkumar, C.Vishva, V.Dharun, R.Sanjay, V.Poornima, P.Sudhagar Pandi, A.Mohamed Kaif and N.Shriviswambaran of IV year Civil Engineering have submitted a project proposal to FAER 2024-2025 on 15.10.2024.
- V.Dharun, R.Sanjay and M.Sathishkumar IV year Civil Engineering have secured first position in Anna University Zonal Tournaments 2024-2025 held from 03.10.2024 to 05.10.2024
- R.Uthamaraja, S.Alagusivaramakrishna and M.Sathishkumar IV year Civil Engineering have submitted a project proposal to TNSCST SPS 2024-2025 on the topic Study of self compacted geopolymer concrete accompanied by fibre.

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- R.Uthamaraja IV year Civil Engineering has participated tech band activities as a member of tech band in this academic year.
- D.senthilkumar IV year Civil Engineering has submitted a project proposal to MSME IH 4.0 on the topic Effect of binary combination of pond ash and fly ash to produce bricks.
- Priyadharshini.N, Amuthavalli.S and Poornima.V IV year Civil Engineering have submitted a project proposal to TNSCST SPS 2024-2025 on the topic A green inhibitors for metal corrosion: sustainable solution.
- M.Gugan and A.Antony Nithas IV year Civil Engineering have submitted a project proposal to TNSCST SPS 2024-2025 on the topic investigation of properties on concrete incorporating wood ash as a partial substitute for cement and copper slag as a partial substitute for sand.
- U.Varshidha, A.G.Niranjana and B.Roshini IV year Civil Engineering have submitted a project proposal to TNSCST SPS 2024-2025 on the topic durability performance of sustainable concrete by partial replacement of fine aggregate with waste ceramic tiles and coconut shell charcoal.
- P.Sudhagar Pandi, A.Mohamed Kaif and N.Shri vishvambaran IV year Civil Engineering have participated in Internal Smart India Hackathon 2024 held on 30.08.2024.





STUDENTS INTERNSHIP DETAILS

S.No.	Roll Number	Name of Student	Internship Status*	Name and Address of the Industry/Internship
1	22UCI001	DEEPADHARS HINI.R	2024-2025 ODD	Tamil Architects, 79/6, Ganesh nagar, Pertchiamman Padithurai, Madurai – 625001, Ph - 7418890997
2	22UCI002	HARISH KUMAR.A	2024-2025 ODD	Office of the Divisional Engineer (Highways), Construction & Maintenance, Virudhunagar
3	22UCI004	MANOJ KUMAR.K	2024-2025 ODD	Annaporani Construction, No. 78/170, P.K.S Street, Sivakasi – 626123.
4	22UCI008	PAVITHRA.M	2024-2025 ODD	Amar, Design Solution, Head office – 14, Bharath street, KK Nagar, Madurai – 625020.
5	22UCI005	PRIYANKA.G	2024-2025 ODD	BS Designers, 7/155, Pallapatti, Nilakkottai (TK), Dindigul – 624201



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S.No.	Roll Number	Name of Student	Internship Status*	Name and Address of the Industry/Internship
6	22UCI007	VARSHA.R	2024-2025 ODD	Tamil Architects, 79/6, Ganesh nagar, Pertchiamman Padithurai, Madurai – 625001, Ph - 7418890997
7	22UCI009	MARUTHU PANDI.M	2024-2025 ODD	Prasanth Engineering works, Seegupatti, Manchampatti , Madurai - 625014, Ph – 936374763
8	22UCI006	VIPIN.N	2024-2025 ODD	Nagas Civil Engineering Contractors No. A/1 kandasamy salai, Periyar Nagar, Chennai - 600082



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EDITORIAL TEAM



Dr.N.JEGANDURAI, M.Tech., Ph.D.,
Assistant Professor & Head / Civil



Mr.K.Hariharan,M.E.,
Assistant professor / Civil



GS.RISHIVARMA
IIInd Year / Civil

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EDITORIAL TEAM

Si.No	Student Name	Year
1	S.KISHORE	II
2	N.M.NITHYA SRI	II
3	L.VEDHIKA	I
4	P.ADHITHYA	I
5	I.MADESH	I

