

(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

NEWSLETTER JAN - JUNE 2025

EDITION 4

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DEPARTMENT OF CIVIL ENGINEERING

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 (PEO'S)

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 OUTCOME (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.

FACULTY ACHEIVEMENTS

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

- 1.Dr.N.Jegan Durai, has attended the one-day NBA Awareness Workshop on Outcome Based Education and Accreditation on 09.02.2025.The programme was sponsored by the National Board of Accreditation [NBA] and was organized in collaboration with Anna University, Chennai.
- 2.Mr.D.Velumani has participated in the International conference on 'Sustainable Materials and Technologies: Bridging Research and Innovation 4.0' organized by Bannari Amman Institute of Technology, Sathyamangalam on 7th and 8th March 2025.
- 3.Mr.D.Velumani has participated in the International conference on 'Computational Intelligence and Industry 5.0 ICCII 2025 ' organized by Velammal Institute of Technology, Chennai on 21st and 22nd March 2025.
- 4.Mr.D.Velumani has attended one week ATAL FDP on 'Automation in Civil Engineering' organized by Pace Institute of Technology and Sciences from 03.02.2025 to 08.02.2025.
- 5.Mr.D.Velumani has participated in the International conference on 'Computational Intelligence and Industry 5.0 ICCII 2025 ' organized by Velammal Institute of Technology, Chennai on 21st and 22nd March 2025.
- 6.Mr.D.Velumani has organized Technovision 2k24 'An intra college project competition' for all the final year students on 25.04.2025
- 7.Mr.D.Velumani has organized A Two-day Capacity Building Workshop for Non-Teaching Staff on 04.06.2025 and 05.06.2025.
- 8.Mr.P.Ponkarthikeyan has presented a paper in International conference on computational intelligence and industry 5.0 organized by Velammal Institute of technology on 21.03.2025 and 22.03.2025.
- 9.Mr.P.Ponkarthikeyan has participated in webinar on "Water treatment and beyond: Engineering for clean and safe water" organized on 01.04.2025 by Presidency University Bengaluru.
- 10.Dr.N.Jegan Durai, has successfully completed NPTEL online certification course on "Introduction to Internet of Things"
- 11.Mr.K.Hariharan presented paper in International Conference on Computational Intelligence and Industry 5.0 organized by Velammal Institute of technology on 21.03.2025 and 22.03.2025.
- 12.Mr.K.Hariharan has filed patent on DEVICE FOR CHECKING SPEED, DISTANCE AND OBJECT IN HIGHWAY CROSSING - 456990-00

EVENTS ORGANIZED

FDP/Workshops/Seminar/Conference/Guest Lecture organized

Sl.no	Name of the program	Date	Sponsoring Authority, If any	Resource Person/Chief Guest	No.of participants	Coordinators
1	Guest Lecture	09.04.2025	-	Er.R.Manikandeswaran, Senior Engineer, Pinnacle Infotech Madurai.	26	Dr.M.Subahar, Mr.D.Velumani, Mr.P.Ponkarthi keyan
2	Workshop on Total Station Bootcamp	19.03.2025 - 20.03.2025	-	Er. G.Vijaya Karthick, Managing Director Er. P.Yugesh Pandian, Managing Director Er. S. Mohamed Alriyas, Senior Surveyor UPRISE Digital Land Survey and Builders, Thiruthangal	17	Mr.D.Velumani, Dr.M.Subahar, Mr.P.Ponkarthi keyan
3	Guest lecture on Post Tensioning and Rebar Coupling	04.04.2025	-	Er. M.Sethupati Executive Director Tension-O-Tech Structures, Madurai	38	Mr.D.Velumani, Dr.M.Subahar, Mr.P.Ponkarthi keyan
4	Guest Lecture on the topic 'Higher Studies Opportunities in Taiwan'	27.01.2025	-	Dr.S.Veerarajan. M.E.PhD. Project Manager SINOTECH Engineering Consultant Corporation Taiwan	40	Mr.K.Hariharan
5	National Level Technical Symposium INFRAZEST'2K 25	13.03.2025	75	Er.J.Jeyapraveen. M.E.,M.B.A,M.sc(R ev) Properitor, JPJ Construction Madurai	-	Mr.K.Hariharan & Mr.P.Ponkarthi keyan

STUDENTS ACHEIVEMENTS

Symposium/Conference/Contest/NPTEL

Si.no	Name of the Student & Year	Name of the Program	Date	Organizing Institution	Participated /Presented	Prizes Won
1	M.Gugan A.Antony Nithas - IV	International conference on computational intelligence and industry 5.0	21.03.2025- 22.03.2025	Velammal Institute of technology Chennai	Presented	-
2	A.G.Niranjana B.Roshini U.Varshidha	International conference on building a sustainable future with recent trends in science and technology	21.03.2025- 22.03.2025	Annapoorna Engineering College	Presented	-
3	S.Alagusivaran akrishnan M.Sathiskumar R.Uthamaraja	International conference on sustainable materials and technology: Bridging innovation and research	07.03.2025- 08.03.2025	Bannari Amman Institute of Technology Sathyamangalam	Presented	-
4	D.Sendhilkumar A.Sripoohanraja T.Surya	International conference on sustainable materials and technology: Bridging innovation and research	07.03.2025- 08.03.2025	Bannari Amman Institute of Technology Sathyamangalam	Presented	-

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Si.no	Name of the Student & Year	Name of the Program	Date	Organizing Institution	Participated /Presented	Prizes Won
5	D.Dharun R.Sanjay C.Viswa	International conference on sustainable materials and technology: Bridging innovation and research	21.03.2025- 22.03.2025	Bannari Amman Institute of Technology Sathyamangalam	Presented	-
6	A.Mohamed Kaif N.Shrivishwaran P.Sudhagarpan ndi	International conference on building a sustainable future with recent trends in science and technology	21.03.2025- 22.03.2025	Annapoorna Engineering College	Presented	-
7	N.Priyadharas hini S.Amudhavalli V.Poornima	International conference on computational intelligence and industry 5.0	07.03.2025- 08.03.2025	Velammal Institute of technology Chennai	Presented	-
8	R.Deepadha rshini R.Varsha M.Pavithra	IDEACLUM- Paper presentation	21.02.2025	NPR College of Engineering and Technology, Dindigul	Presented	-
9	R.Deepadha rshini R.Varsha M.Pavithra	International conference on computational intelligence and industry 5.0	21.03.2025- 22.03.2025	Velammal Institute of technology Chennai	Presented	-

OTHERS

MoU/Industrial Visit/ Internship

- 1.Ramco Cements Pvt Ltd Industrial Visit on 21.02.2025.
Number of students 42, faculties Dr.M.Subahar & Mr.P.Ponkarthikeyan.
2. Priyadharshini.N, S.Amuthavalli and V.Poornima have been shortlisted in FAER scholar program 2024-2025 for the topic “Investigating Desalination Brine as A Feedstock for Mineral Carbonation based CO2 Sequestration” under the guidance of Mr.P.Ponkarthikeyan.
- 3.Priyadharshini.N, S.Amuthavalli and V.Poornima have received Rs.7500 for the propject proposal by TNSCST Student Project Scheme 2024-2025 for the topic “A green inhibitor for metal corrosion: a sustainable solution” under the guidance of Mr.P.Ponkarthikeyan.
4. Harish kumar.A, Vipin.N, Maruthu pandi.M, Manojkumar has filed patent on DEVICE FOR CHECKING SPEED, DISTANCE AND OBJECT IN HIGHWAY CROSSING - 456990-001

PLACEMENT DETAILS

Students Details/Company Details

Si. no	Roll No	Student Name	Company Name
1	2IUCI017	ROSHINI.B	Express Rebar
2	2IUCI005	N.Priyadharshini	Express Rebar
3	2IUCI019	SUDHAGAR PANDI.P	CONCRETE OEM PRIVATE LIMITED Chennai
4	2IUCI021	MOHAMED KAIF. A	Skyline Constructions, Sivakasi
5	2IUCI020	SHRI VISHWAMBARAN.N	Archierio Design Studio, Bangalore
6	2IUCI001	SRI POOPANRAJA.A	BCIM Engineering PVT. LTD Bangalore
7	2IUCI003	UTHAMA RAJA.R	Sri Deiveni Associates Builders & Promoters, Madurai