

Kongunadu

College of Engineering & Technology
[Autonomous]

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai, Accredited by NBA(CSE,ECE,EEE), Accredited by NAAC with B++ Grade, Recognized by UGC with 2(f) & 12(B) and ISO 9001:2015 Certified Institution)

Namakkal - Trichy Main Road, Tholurpatti (P.O.), Thottiyam (TK), Trichy (Dt.) - 621 215.

DEPARTMENT OF CIVIL ENGINEERING



***** VISION

• To be recognized globally pre – eminence in Civil Engineering education, research and social service.

MISSION

- To produce well reformed graduates with engineering skills for professional practice, advanced study and research through state of art infrastructure facilities and adopting innovative teaching methods.
- To inculcate professional and ethical responsibilities related to industry, society and environment.
- To interact with industries and address issues related to infrastructure, public health and environmental protection for sustainable development

Chairman's Message



As the Chairman of Kongunadu Educational Institutions, I look back with enormous sense of pride, the amazing progress that our institution has made within a short span of time. This would not have been possible without the invaluable

support and contribution of the faculty members, students, parents and my well-wishers. I strongly believe that serious, sincere and systematic services, surely secure supreme success. You think about it and you realize, it is not so simple.

In Fact, it decides the course of your life, rather it can make or break your life.

Whatever your parents have dreamt, whatever your teachers have taught, whatever you have comprehended from your surroundings, you ought to incorporate them in your life. Do not forget your goal. You are here to get educated, to make a career, and most important of all, to make yourself a wholesome human being. Remember, you are the ambassadors of your home, your family, your college and your country.

We do not create just sensible intellectuals, but mould our students as perfect and noble men and women. We instill the values of life, morals and ethics in them and let them emerge as successful citizens, which makes our Institutions unique. We would be grateful if the viewers could keep them in their minds.

Principal's Message



A life of joy and happiness is possible only on the basis of knowledge and science says Dr. Sarvepalli Radhakrishnan. Education is important for every individual in a nation. Technical Education vital role in the development of any country.

Kongunadu College of Engineering and Technology (KNCET) was established in the year 2007. KNCET is providing an

One day Webinar on "Microplastics in Environment : Concern & Challenges" was organized on 31st August, 2023.

The resource person was Dr.S.Baranidharan,Ph.D., Assistant Professor, HoD, Department of Civil Engineering, National Institute of Technology, Andhra Pradesh.

Kongunadu Innovation Council (KIC)

One day Seminar on "My Story: Motivational Session by Successful Innovators" was organized by 24th November, 2023.

The Resource person was Dr.S.Vijayakumar, (Formerly Senior Scientist R & D - SPIC Ltd) Director, Shinetek Biobag, Rasipuram.



One day Seminar on "My Story : Motivational Session by Successful Innovators"

* ICI - Student Chapter

One day Webinar on "Properties of Concrete" was organized on 21st November, 2023.

The resource person was Mr.G.J Pradeep, Deputy Manager, Technical Services, Chettinad Cement Corporation Private Limited, Chennai.



One day Webinar on "Properties of Concrete"

Inauguration of Student Chapter and Seminar on "Career Planning and Entrepreneurship" was organized on 8th September, 2023.

The resource person was Er.V.Balaji Subbramanian, Vice Chairman – ICI-Salem Chapter, Structural Engineer, Sri Vijayabarathi Associates, Dharmapuri, Tamilnadu.



Faculty Publications in International Conference

- Sasivarman B "Experimental Study on Replacement of Ceramic Waste for Fine Aggregate", International Conference on Engineering and Technology (ICET-2023), (Online), Selvam Collegeof Technology, Namakkal, from 21st to 22nd September 2023.
- Saravanan R "Treatment of Paper Mill Waste Water using Natural Coagulant (Tamarindus Indica)", International Conference on Engineering and Technology (ICET-2023), (Online), Selvam College of Technology, Namakkal, from 21st to 22nd September 2023.
- Sridhar N "Water Quality Mapping using GIS in a Tank Irrigated Watershed", International Conference on Engineering and Technology (ICET-2023), (Online), Selvam College of Technology, Namakkal, from 21st to 22nd September 2023.
- Kavipriya S "Evaluating Optimum Strength of Geopolymer Concrete with Inclusion of Hybrid Fibres", International Conference on Engineering and Technology (ICET-2023), (Online), Selvam College of Technology, Namakkal, from 21st to 22nd September 2023.
- Kavipriya S "Prediction of Defects in Cast in Situ Pile", International Conference on Engineering and Technology (ICET-2023), (Online), Selvam College of Technology, Namakkal, from 21st to 22nd September 2023.
- Kavipriya S, Karthick A, Shiva C, Nethra V & Kalaivani M "Experimental Studies on Geopolymer Concrete Bricks", National Conference on Sustainable Materials and Smart Practices (NCSMSP 2023), Bannari Amman Institute of Technology, Erode, from 19th to 20th October 2023.
- Sakthivel M & Southamirajan S "Feasibility Studies on Utilization of Textile Sludge as a Construction Materials", 2nd International Conference on Innovative Research Trends in Civil Engineering, Sri Sairam Engineering College, Chennai, from 16th to 17th November 2023.

* Faculty Publications in International Journals

- Arulpandian V, Parithiban V, Sakthivel M, Kannan S, Anto Sathish Kumar A; Danielraj S 'An Experimental Investigation on Sustainable Concrete Blended with Fly-ash and Demolished Concrete Aggregate' AIP Conference Proceedings, Volume 2831, Issue 1, Page No. 060003-1 060003-9, ISSN: 1551-7616, September 2023.DOI https://doi.org/10.1063/5.0162847
- Srinivasan NP, Dinesh A, Nirmalkumar K, Karthick A & Mukesh P 'Economic Crisis Management in Construction Projects A review, E3S Web of Conferences, Volume 399, Page No. 1-7, ISSN: 2267-1242, July 2023. DOI https://doi.org/10.1051/e3sconf/202339903005
- Daniel Das A, Manivannan S, Venkatesh R & Gowtham S
 Éffect of Tensile Strength on Friction Welding of Tube to Tube
 Plate Processed Samples: A Mechanical and Metallurgical
 Approach' Journal of Materials Engineering and Performance,
 ISSN: 1059-9495, August 2023.DOI https: // doi.org /
 10.1007 / s11665-023-08626-6
- Prabhu P, Vivek S, Priya V & Logesh N 'Spatio temporal Analysis of Shoreline Changes and Future Forecast using Remote Sensing, GIS and Kalman Filter Model: A Case Study of Rio de Janerio, Brazil" Journal of South American Earth Sciences, Volume 133, Page No 1 10, ISSN: 0895 9811, November 2023.DOI https://doi.org/10.1016/j.jsames. 2023. 104701

excellent quality of education and mentoring for the students aspiring to be competent professionals in Engineering and Technology. The College has well qualified, experienced and dedicated faculty members and supporting staff, State of the Art - Laboratory and workshop facilities, Computer facilities, Library, Air Conditioned Seminar Halls, Open Auditorium, Indoor Stadium, Amphi Theatre and Hostel facilities.

The College has a separate Cell called Campus to Corporate. This Cell organizes several training programs related to development of Life Skills such as Language Communication Skills and Technical Skills to our students. Our efforts are directed to accommodate the expectations of every student by the way of enabling them to participate in seminars, workshops, conferences, value added courses, in plant training and industrial project works.

We believe that discipline, honesty and hard work together structures the ladder of success. With this vision, we inculcate these attributes in our students to make them successful in their lives.

About Civil Department

The Department of Civil Engineering was started in the year 2010. It offers an undergraduate course in Civil Engineering with an intake of 120 students. Our main goal is to be the centre of excellence for the development and dissemination of knowledge in Structural Engineering, Construction Engineering and Management, Water Resources and Management, Transportation, Environmental Engineering, Urban Engineering, Geotechnical Engineering, Remote Sensing, GIS and its applications. The Department have good infrastructure and it is well equipped with state-of-the art laboratory facilities necessary for imparting high quality education and is structured to meet our present day needs of the Civil Engineering field. Students from our Department have always proved to be meritorious. The department has well experienced and qualified faculty members who are regularly presenting papers in national and international conferences and publishing their technical papers in reputed journals.

₩ MoU

 Memorandum of Understanding (MoU) was signed by Civil Department of Kongunadu College of Engineering and Technology and Ashok Constructions, Namakkal on 12th December, 2023.

Industry Interaction of Student

Inaugural Function

• ☐ One day Seminar on "Concrete Mix Design" (Civil Engineering Students Association (CESA)) was organized on 4th August, 2023.

The resource person was Mr.Vinoth Rajendran M.Tech., Technical Service Manager, Ultra Tech Cement Ltd., Trichy.



One day Seminar on "Concrete Mix Design"

Seminar / Webinars Organized

• One day National Level Workshop on "Building Information Model Using Filmora" was organized on 4th November, 2023.

The resource person was Mr.E.Shankar Sengottaiyan M.E.,NITTSD, TNSDC Trainer,Senior Technical Manager, ETS Academy, Erode.



One day National Level Workshop on "Building Information Model Using Filmora"

One day Guest Lecture on "Water Sources and Water Quality Management" organized on 18th October, 2023.

The resource person was Dr.N.llavarasan, M.E., Ph.D., Professor and Senior Innovator, Department of Civil Engineering, UCE-BIT Campus, Tiruchirappalli.



One day Guest Lecture on "Water Sources and Water Quality Management"

One day Webinar on "Design Thinking Approaches : Harnessing Nanotechnology for Sustainable Development" was organized on 14th October, 2023.

The resource person was Dr.C.Gajendran,M.E.,Ph.D., Professor and Senior Innovator, Department of Civil Engineering, SNS College of Technology, Coimbatore.



One day Webinar on "Design Thinking Approaches : Harnessing Nanotechnology for Sustainable Development"

One day National Level Workshop on "Digital Surveying and Mapping" was organized on 23rd September, 2023.

The resource persons are Mr.M.Sakthivel,M.Tech & Mr.S.Southamirajan,M.E., Assistant Professor, Department of Civil Engineering, Kongunadu College of Engineering and Technology (Autonomous), Trichy.

- Workshop on 'Advanced Research Methodology' organized by SRM Institute of Science and Technology, Chennai on 3rd July, 2023 to 18th July, 2023.
- \bullet Webinar on 'Economical, Efficient Robust & Long-lasting Modern Road Technology Thin White Topping on 15th July, 2023.

Ms.M.P.Indhu, AP / Civil Engineering,

- Webinar on 'How Community based Drone Application Works' organized by National Institute of Disaster Management on 12th October, 2023.
- Webinar on 'To Make Sustainable Concrete Pledge' organized by Chettinad Cement on 7th September, 2023.
- Webinar on 'How Sick Building Syndrome Works' organized by National Institute of Disaster Management on 1st September, 2023.
- Workshop on 'IEEE Xplore Digital Library' organized by Kongunadu College of Engineering and Technology (Autonomous), Trichy on 25th August, 2023.
- Webinar on 'How App Based Disaster Management for School Works' organized by National Institute of Disaster Management on 11th August, 2023.
- Webinar on 'How Zerodor Waterless Urinals Work' organized by National Institute of Disaster Management on 14th July, 2023.

Mr.A.Karthik, AP/Civil Engineering,

- Workshop on 'Catia 3D Experience' organized by Sathyabama Institute of Science and Technology, Chennai, held on 18th October, 2023 to 19th October, 2023.
- Webinar on 'PMP Certification and its Benefits for Career Progression' organized by Presidency University, Bengaluru on 29th September, 2023.

Mr.B.Sasivarman, AP / Civil Engineering,

- Workshop on 'Water Resources Management in a Changing Environment' organized by Sathyabama Institute of Science and Technology, Chennai, held on 13th October, 2023 to 14th October, 2023.
- Workshop on 'Additive Manufacturing' organized by Sathayabama Institute of Science and Technology, Chennai on 14th September, 2023 to 15th September, 2023.
- Workshop on 'IEEE Xplore Digital Library' organized by Kongunadu College of Engineering and Technology (Autonomous), Trichy on 25th August, 2023.
- Workshop on 'Advanced Research Methodology' organized by SRM Institute of Science and Technology, Chennai on 3rd July, 2023 to 18th July, 2023.

Faculty Participation in FDP / STTP

Dr.S.Kavipriya, Professor / Head of the Department / Civil Engineering,

 Atal FDP on 'Artificial Intelligence in the Construction Industry' held at Thiyagarajar Polytechnic College, Salem on 18th December, 2023 to 23rd December, 2023

Dr.R.Saravanan, ASP / Civil Engineering,

 FDP on 'Multiverse Approach to Up skill Professionals in Contemporary Environment' organized by SRM Madurai College for Engineering and Technology, Sivagangai on 21st August, 2023 to 26th August, 2023.

Dr.P.Prabhu, ASP/ Civil Engineering.

- Atal FDP on 'Artificial Intelligence in the Construction Industry' held at Thiyagarajar Polytechnic College, Salem on 18th December, 2023 to 23td December, 2023.
- FDP on 'Recent Advancements in Materials, Manufacturing and Technology' organized by Swarnandhra College of Engineering and Technology, Andhra Pradesh, held on 30th October, 2023 to 4th November, 2023.

• FDP on 'Multiverse Approach to Upskill Professionals in Contemporary Environment' organized by SRM Madurai College for Engineering and Technology, Sivagangai on 21st August, 2023 to 26th August, 2023.

Dr.N.Sridhar, AP / Civil Engineering,

- FDP on 'Multiverse Approach to Up skill Professionals in Contemporary Environment' organized by SRM Madurai College for Engineering and Technology, Sivagangai on 21st August, 2023 to 26th August, 2023.
- FDP on 'Primavera P6 V22' organized by Infinity PMC Solutions Pvt Ltd., on 11th July, 2023 to 15th July, 2023.

Mr.M.Sakthivel, AP/ Civil Engineering,

- Atal FDP on 'Artificial Intelligence in the Construction Industry' held at Thiyagarajar Polytechnic College, Salem on 18th December, 2023 to 23td December, 2023.
- FDP on 'Recent Advancements in Materials, Manufacturing and Technology' organized by Swarnandhra College of Engineering and Technology, Andhra Pradesh, held on 30th October, 2023 to 4th November, 2023.
- FDP on 'Quality Control of Concrete' organized by National Institute of Technical Teachers Training and Research, Chandigarh, held on 9th October, 2023 to 13th October, 2023.
- FDP on 'Multiverse Approach to Up skill Professionals in Contemporary Environment' organized by SRM Madurai College for Engineering and Technology, Sivagangai on 21st August, 2023 to 26th August, 2023.
- FDP on 'Primavera P6 V22' organized by Infinity PMC Solutions Pvt Ltd., on 11th July, 2023 to 15th July, 2023.

Mr.S.Gowtham, AP / Civil Engineering,

- FDP on 'Recent Advancements in Materials, Manufacturing and Technology' organized by Swarnandhra College of Engineering and Technology, Andhra Pradesh, held on 30th October, 2023 to 4th November, 2023.
- FDP on 'Cloud Infrastructure (AWS) organized by Christ College of Engineering and Technology, Puducherry on 21st August, 2023 to 25th August, 2023.
- FDP on 'Multiverse Approach to Up skill Professionals in Contemporary Environment' organized by SRM Madurai College for Engineering and Technology, Sivagangai on 21st August, 2023 to 26th August, 2023.
- \bullet FDP on 'Recent Trends in Multidisciplinary Research' organized by SRM Institute of Science and Technology, Chennai on 7th July, 2023 to 18th July 2023.

Mr.D.Dhavashanakaran, AP / Civil Engineering,

- Atal FDP on 'Artificial Intelligence in the Construction Industry' held at Thiyagarajar Polytechnic College, Salem on 18th December, 2023 to 23rd December, 2023.
- FDP on 'Recent Advancements in Materials, Manufacturing and Technology' organized by Swarnandhra College of Engineering and Technology, Andhra Pradesh, held on 30th October, 2023 to 4th November, 2023
- FDP on 'Multiverse Approach to Upskill Professionals in Contemporary Environment' organized by SRM Madurai College for Engineering and Technology, Sivagangai on 21st August, 2023 to 26th August, 2023.
- FDP on 'Recent Trends in Civil Engineering' organized by Haldia Institute of Technology on 17th July, 2023 to 21st July, 2023.

Mr.S.Southamirajan, AP/ Civil Engineering

• Atal FDP on 'Artificial Intelligence in the Construction Industry' held at Thiyagarajar Polytechnic College, Salem on 18th December, 2023 to 23rd December, 2023.

Faculty Participation in Seminar / Workshop / Webinar

Dr.S.Kavipriya, Professor / Head of the Department / Civil

Engineering

 Workshop on 'IEEE Xplore Digital Library' organized by Kongunadu College of Engineering and Technology (Autonomous), Trichy on 25th August, 2023.

Dr.R.Saravanan, ASP / Civil Engineering

- Webinar on 'PMP Certification and its Benefits for Career Progression' organized by Presidency University, Bengaluru on 29th September, 2023.
- Webinar on 'Making Concrete Sustainable and Moving Towards Net Zero' organized by QcreteReadymix (India) Pvt., Ltd., on 27th September, 2023.
- Workshop on 'IEEE Xplore Digital Library' organized by Kongunadu College of Engineering and Technology (Autonomous), Trichy on 25th August, 2023.
- Workshop on 'Advanced Research Methodology' organized by SRM Institute of Science and Technology, Chennai on 3rd July, 2023 to 18th July, 2023.

Dr.P.Prabhu, ASP/ Civil Engineering,

- Workshop on 'Catia 3D Experience' organized by Sathyabama Institute of Science and Technology, Chennai, held on 18th October, 2023 to 19th October, 2023.
- Webinar on 'Sustainability and Practices A Timeline Requirement of the Construction Industry' organized by Qcrete Ready mix (India)Pvt., Ltd., on 7th September, 2023.
- Webinar on 'To Make Sustainable Concrete Pledge' organized by Chettinad Cement on 7th September, 2023.
- Workshop on 'IEEE Xplore Digital Library' organized by Kongunadu College of Engineering and Technology (Autonomous), Trichy on 25th August, 2023.

Dr.N.Sridhar, AP / Civil Engineering,

 Workshop on 'Advanced Research Methodology' organized by SRM Institute of Science and Technology, Chennai on 3rd July, 2023 to 18th July, 2023.

Mr.M.Sakthivel, AP/ Civil Engineering,

- Webinar on 'How Post Earthquake Infrastructure Reconstruction Works' organized by National Institute of Disaster held on 3rd November, 2023.
- Webinar on 'Circular Economy for Sustainable Waste Management' organized by Adithya Institute of Technology held on 27th October, 2023.
- Webinar on 'How Sustainable Roads and Transport Network System Works' organized by National Institute of Disaster Management on 27th October, 2023.
- Webinar on 'Celebratory Webinar for World Mental Health Day International Day of Girl Child and International Day for DRR' organized by National Institute of Disaster Management on 10th October, 2023.
- Webinar on 'How Earthquake Resistant Showcase of Buildings Work' organized by National Institute of Disaster Management on 6th October, 2023.
- Webinar on 'PMP Certification and its Benefits for Career Progression' organized by Presidency University, Bengaluru on 29th September, 2023.
- Webinar on 'Composite Materials for Ballistic for Career Progression' organized by PSG College of Technology, on 20th September, 2023.
- Webinar on 'How Sick Building Syndrome Works' organized by National Institute of Disaster Management on 1st September, 2023.

- Workshop on 'Current and Future Prospects of Modern Construction Materials and Practices organized by National Institute of Technology, Andhra Pradesh on 24th July, 2023 to 18th July, 2023.
- Workshop on 'Advanced Research Methodology' organized by SRM Institute of Science and Technology, Chennai on 3rd July, 2023 to 18th July, 2023.

Mr.S.Gowtham, AP / Civil Engineering,

- Webinar on 'PMP Certification and its Benefits for Career Progression' organized by Presidency University, Bengaluru on 29th September, 2023.
- Workshop on 'IEEE Xplore Digital Library' organized by Kongunadu College of Engineering and Technology (Autonomous), Trichy on 25th August, 2023.
- Workshop on 'Advanced Research Methodology' organized by SRM Institute of Science and Technology, Chennai on 3rd July, 2023 to 18th July, 2023.

Mr.D.Dhavashanakaran, AP / Civil Engineering,

- Webinar on 'PMP Certification and its Benefits for Career Progression' organized by Presidency University, Bengaluru on 29th September, 2023.
- \bullet Webinar on 'Composite Materials for Ballistic for Career Progression' organized by PSG College of Technology, on 20th September, 2023.
- Webinar on 'How Sick Building Syndrome Works' organized by National Institute of Disaster Management on 1st September, 2023.
- Workshop on 'IEEE Xplore Digital Library' organized by Kongunadu College of Engineering and Technology (Autonomous), Trichy on 25th August, 2023.
- Online Training on 'Geospatial Technologies for Disaster Management' organized by National Institute of Disaster Management on 23rd August, 2023 to 25th August, 2023.
- Webinar on 'How AAC Blocks for Disaster Safe Construction Work' organized by National Institute of Disaster Management on 18th August, 2023.

Mr.S.Southamirajan, AP/ Civil Engineering,

- Webinar on 'Circular Economy for Sustainable Waste Management' organized by Adithya Institute of Technology held on 27th October, 2023.
- Webinar on 'PMP Certification and its Benefits for Career Progression' organized by Presidency University, Bengaluru on 29th September, 2023.
- Webinar on 'Composite Materials for Ballistic for Career Progression' organized by PSG College of Technology, on 20th September, 2023.
- Workshop on 'IEEE Xplore Digital Library' organized by Kongunadu College of Engineering and Technology (Autonomous), Trichy on 25th August, 2023.
- Workshop on 'Current and Future Prospects of Modern Construction Materials and Practices organized by National Institute of Technology, Andhra Pradesh on 24th July, 2023 to 18th July, 2023.

Ms.M.P.Iniya, AP/ Civil Engineering,

- Webinar on 'PMP Certification and its Benefits for Career Progression' organized by Presidency University, Bengaluru on 29th September, 2023.
- Webinar on 'To Make Sustainable Concrete Pledge' organized by Chettinad Cement on 7th September, 2023.
- Workshop on 'IEEE Xplore Digital Library' organized by Kongunadu College of Engineering and Technology (Autonomous), Trichy on 25th August, 2023.

Students achievements in Competitions

- A.Archana of II year Civil Engineering Department won I prize in 'Connection' in A National Level Technical Symposium (TARGET CERO 2k23) organized by K.S.R. College of Engineering, held on 8th November, 2023.
- S.Shobana of II year Civil Engineering Department won I prize in 'Connection' in A National Level Technical Symposium (TARGET CERO 2k23) organized by K.S.R. College of Engineering, held on 8th November, 2023.
- M. Jeevitha of IV year Civil Engineering Department won I prize in 'Code Cracking' in A National Level Technical Symposium (TECHFINIX'23) organized by Paavai Engineering College (Autonomous), held on 19th October, 2023 & 20th October, 2023.
- K.Kokila of IV year Civil Engineering Department won I prize in 'Code Cracking' in A National Level Technical Symposium (TECHFINIX'23) organized by Paavai Engineering College (Autonomous), held on 19th October, 2023 & 20th October, 2023.
- V.Jeeva Shankar of IV year Civil Engineering Department won I prize in 'Scale by Sight' in A National Level Technical Symposium (TECHFINIX'23) organized by Paavai Engineering College (Autonomous), held on 19th October, 2023 & 20th October, 2023.
- P.Madhesh of IV year Civil Engineering Department won I in "Paper Presentation" in A National Level Technical Symposium organized by Civil Engineering Department of Salem College of Engineering and Technology, held on 6th October, 2023.
- R.Logesh of IV year Civil Engineering Department won I in "Paper Presentation" in A National Level Technical Symposium organized by Civil Engineering Department of Salem College of Engineering and Technology, held on 6th October, 2023.
- M.Uthayakumaran of IV year Civil Engineering Department won I in "Paper Presentation" in A National Level Technical Symposium organized by Civil Engineering Department of Salem College of Engineering and Technology, held on 6th October, 2023.
- R.Barat of IV year Civil Engineering Department won III prize in 'Poster Making' in A National Level Technical Symposium (NAKSHATHRA-2k23) organized by Arasu College of Arts and Science for Women, held on 29th and 30th September, 2023.
- V.Jeevashankar of IV year Civil Engineering Department won I prize in "Plantonic War" in A National Level Technical Symposium (KARIGAALA-2.0) organized by Chennai Institute of Technology on 29th September, 2023.
- A.Henry Infant Raja of IV year Civil Engineering Department won I prize in "Plantonic War" in A National Level Technical Symposium (KARIGAALA-2.0) organized by Chennai Institute of Technology on 29th September, 2023.
- V.Kamalini of IV year Civil Engineering Department won I prize in "Plantonic War" in A National Level Technical Symposium (KARIGAALA-2.0) organized by Chennai Institute of Technology on 29th September, 2023.

Paper Presentation by the Students

 S.Swetha of II year Civil Engineering Department presented a paper on "Technology in Civil Engineering" in A National Level Technical Symposium (TARGET CERO – 2k23) organized by K.S.R. College of Engineering, held on 6th November, 2023.

- T.Kaviya of II year Civil Engineering Department presented a paper on "Radio Technology" in A National Level Technical Symposium (TARGET CERO 2k23) organized by K.S.R. College of Engineering, held on 6th November, 2023.
- P.Vaishnavi of II year Civil Engineering Department presented a paper on "Pavement Engineering" in A National Level Technical Symposium (TARGET CERO – 2k23) organized by K.S.R. College of Engineering, held on 6th November, 2023.
- A.Archana of II year Civil Engineering Department presented a paper on "Nano-Technology in Ancient Days" in A National Level Technical Symposium (TARGET CERO – 2k23) organized by K.S.R. College of Engineering, held on 6th November, 2023.
- S.Shobana of II year Civil Engineering Department presented a paper on "Green Building and Technology of Civil Engineering" in A National Level Technical Symposium (TARGET CERO – 2k23) organized by K.S.R. College of Engineering, held on 6th November, 2023
- P.Dhivakar and V.Balaji of II year Civil Engineering Department presented a paper on "Mimicry in Civil Engineering" in A National Level Technical Symposium (NCSM-SP 2023) organized by Bannari Amman Institute of Technology, held on 19th October, 2023 & 20th October, 2023.
- R.Pradeepa, K.Kokila and M.Jeevitha of IV year Civil Engineering Department presented a paper on "Pavement Engineering" in A National Level Technical Symposium organized by Paavai Engineering College (Autonomous), held on 19th October, 2023 & 20th October, 2023.
- V.Jeeva Shankar of IV year Civil Engineering Department presented a paper on "Nano Technology" in A National Level Technical Symposium (TECHFINIX'23) organized by Paavai Engineering College on 19th October, 2023 & 20th October, 2023.
- V.Arunachalam and B.Jayaraj of IV year Civil Engineering Department presented a paper on "Environmental Engineering" in A National Level Technical Symposium organized by Paavai Engineering College (Autonomous), held on 19th October, 2023 & 20th October, 2023.
- G.Jaganand K.Danush of IV year Civil Engineering Department presented a paper on "Maintenance of Green Building" in A National Level Technical Symposium organized by Paavai Engineering College (Autonomous), held on 19th October, 2023 & 20th October, 2023.
- U.Praveenkumar of II year Civil Engineering Department presented a paper on "Advanced in Civil Engineering" in A National Level Technical Symposium (NCSMSP 2023) organized by Civil Engineering Department of Bannari Amman Institute of Technology, held on 10th October, 2023 & 20th October, 2023.
- P.Madhesh, R.Logesh & M.Uthayakumaran of IV year
 Civil Engineering Department presented a paper on "Nano Technology" in A National Level Technical Symposium organized by Civil Engineering Department of Salem College of Engineering and Technology, held on 6th October, 2023.
- M.Gokul, N.Rajarathinam and R.Logesh of IV year Civil Engineering Department presented a paper on "Nano Technology" in A National Level Technical Symposium (SARYU-2023) organized by Civil Engineering Department of Sengunthar Engineering College, held on 26th & 27th September, 2023.
- T.Shanmugapriya and M.K.Harini of IV year Civil Engineering Department presented a paper on "Green Technology" in A National Level Technical Symposium (SARYU-2023) organized by Civil Engineering Department of Sengunthar Engineering College, held on 26th & 27th September, 2023.

- FDP on 'Multiverse Approach to Upskill Professionals in Contemporary Environment' organized by SRM Madurai College for Engineering and Technology, Sivagangai on 21st August, 2023 to 26th August, 2023.
- FDP on 'Innovation in Construction and Green Building' organized by National Institute of Technical Teachers Training and Research, Chandigarh on 7th August, 2023 to 11th August, 2023.

Ms.M.P.Iniya, AP / Civil Engineering,

- FDP on 'Recent Advancements in Materials, Manufacturing and Technology' organized by Swarnandhra College of Engineering and Technology, Andhra Pradesh, held on 30th October, 2023 to 4th November, 2023.
- FDP on 'Multiverse Approach to Upskill Professionals in Contemporary Environment' organized by SRM Madurai College for Engineering and Technology, Sivagangai on 21st August, 2023 to 26th August, 2023.
- FDP on 'Primavera P6 V22' organized by Infinity PMC Solutions Pvt Ltd., on 11th July, 2023 to 15th July, 2023.
- FDP on 'Recent Trends in Multidisciplinary Research' organized by SRM Institute of Science and Technology, Chennai on 7th July, 2023 to 18th July 2023.

Ms.M.P.Indhu, AP / Civil Engineering,

- FDP on 'Recent Advancements in Materials, Manufacturing and Technology' organized by Swarnandhra College of Engineering and Technology, Andhra Pradesh, held on 30th October, 2023 to 4th November, 2023.
- FDP on 'Multiverse Approach to Upskill Professionals in Contemporary Environment' organized by SRM Madurai College for Engineering and Technology, Sivagangai on 21st August, 2023 to 26th August, 2023.
- FDP on 'Primavera P6 V22' organized by Infinity PMC Solutions Pvt Ltd., on 11th July, 2023 to 15th July, 2023.
- FDP on 'Recent Trends in Multidisciplinary Research' organized by SRM Institute of Science and Technology, Chennai on 7^{th} July, 2023 to 18th July 2023.

Mr.B.Sasivarman, AP / Civil Engineering,

- FDP on 'Multiverse Approach to Upskill Professionals in Contemporary Environment' organized by SRM Madurai College for Engineering and Technology, Sivagangai on 21st August, 2023 to 26th August, 2023.
- FDP on 'Primavera P6 V22' organized by Infinity PMC Solutions Pvt Ltd., on 11th July, 2023 to 15th July, 2023.

Books Published

- Mr.S.Southamirajan, Mr.S.Gowtham & Mr.B.Sasivarman, 'Municipal Solid Waste Management', The Charulatha Publications, Chennai, ISBN: 978-81-968062-52-5.
- Dr.N.Sridhar, Mr.D.Dhavashankaran & Ms.M.P.Indhu, 'Construction Planning and Scheduling', The Charulatha Publications, Chennai, ISBN: 978-81-968062-52-6.

NPTEL Courses of Faculty Members

Dr.R.Saravanan, Associate Professor / Civil Engineering

- Received "Elite" in "Foundation Engineering" with 62% during July 2023 December 2023.
- Received "Elite" in "Wastewater treatment and Recycling" with 63% during July 2023 – December, 2023.

Dr.N.Sridhar, AP/ Civil Engineering

 Received "Elite" + "Silver" in "Municipal Solid Waste Management" with 75% during July 2023 - December, 2023.

Mr.M.Sakthivel, AP/Civil Engineering

 Received "Elite"in "Municipal Solid Waste Management" with 69% during July 2023 - December, 2023. Mr.S.Southamirajan, AP/Civil Engineering

- Received "Successfully Completed" in "Design of Steel Structures" with 47% during July 2023 – December 2023.
- Received "Successfully Completed" in "Introduction to Engineering Seismology" with 55% during July 2023 – December 2023.

Mr.B.Sasivarman, AP/Civil Engineering

• Received "Successfully Completed" "Municipal Solid Waste Management" with 54% during July 2023 – December, 2023.

Patent Publication

- Mr.S.Southamirajan, Assistant Professor / Department of Civil Engineering has published a Patent on 'Machine Learning Based Stress Detection Device'.
- Dr.P.Prabhu, Associate Professor / Department of Civil Engineering has published a Patent on 'Effect of Coarse Aggregate, Marble, Granite Cutting Waste, Metakaolin and Admixtures on Mechanical'.

Resource Persons in Various Events

- Dr.S.Kavipriya, Professor / Head of the Department / Department of Civil Engineering has given a lecture on "Overview of Geo Polymer Concrete" organized by AVS College of Technology, Salem on 23rd August, 2023.
- Mr.S.Southamirajan, Assistant Professor / Department of Civil Engineering has given a lecture on 'Essential of Drone Surveying' organized by AVS College of Technology, Salem on 23rd August, 2023.

Funds Received

- Mr.D.Dhavashakaran, AP/ Department of Civil Engineering received a seminar grant of Rs.80,000/- on the topic of "Current Scenario and Trends on Green Concrete Technology" from Science and Engineering Research Board (SERB), New Delhi on 14th November, 2023.
- Mr.S.Sakthivel, AP/ Department of Civil Engineering received a seminar grant of Rs.80,000/- on the topic of "Sustainable Development and Infrastructure Resilience to Natural Disasters" from Science and Engineering Research Board (SERB), New Delhi on 14th November, 2023.

NPTEL Courses of Students

NPTEL Course on 'Municipal Solid Waste Management' was successfully completed by the following IInd, IIIrd and IV year Civil Engineering students during July 2023 – December 2023.

IInd year Students :

Balaji.V - 50%
 Praveenkumar.U - 70%
 Shobana.S - 54%
 Sri Dhatchayini - 60%

IIIrd year Students:

- 65% 1. Dinesh.V 2. Gowtham.P - 53% 3. James Christopher.S - 68% 4. Madhan Raj - 57% 5. Mahalakshmi.R - 56% Shanmugavel Murugan.G - 47% 6. - 55% 7. Tharwin.K - 72% 8. Varun.S

IV year Students:

1. Abisheke.S - 57% - 57% 2. Gokul.M 3. Jeeva Shankar.V - 62% - 53% 4. Kamalini.V - 53% 5. Kidhore.B Madhumitha.M - 72% Sonalee.S 7. - 66% Amala.P - 66% 9. SaaiPrasath.S - 54% 10. Sathish.R - 60%







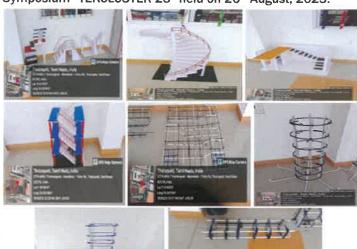
Abirami Engineering Construction & Co., Karaikudi





* Technical Symposium

• Our Third and Final year Civil Engineering students presented various models in the National Level Technical Symposium "TEKCLUSTER'23" held on 26th August, 2023.



List of Toppers April / May 2023



JAMES CHRISTOPHER S 621321103013 9.864 SGPA



II / IV Semester

VARUN S 621321103030 9.681 SGPA II / IV Semester



MAHALAKSHMI R 621321103017 9.591 SGPA



AMALA P 621320103302 9.591



KOKILA K 621320103023 9.182



HARINI M K 621320103012 8.773

🏶 Seminars / Webinars / Workshops

To acquire knowledge in various domains, our students have attended around 204seminars, webinars and workshops in various colleges throughout India.

IIT spoken tutorial :

Spoken tutorial training was conducted by Indian Institute of Technology – Bombay (IITB), totally 61 students were benefitted through this training.

- 46 students from IV year were trained with the course 'BIOPYTHON'.
- 13 third year students attended the training course 'BIOPYTHON'.
- 45 second year students attended the course 'INTRODUCTION TO COMPUTERS'.

Internship Training:

 Our 56 Second year students attended MSME online Design Training on 'Revit Architecture' conducted by MSME, Agra.

Value Added Courses

• VACCE03 "Total Station"-36 Students were beneficiaries through this course held from 18th December, 2023 to 23rd December, 2023.

The Resource person was Mr.S.Rajkumar, Founder & CEO, The Salem Land Survey Institute, SS Group of Companies & Institutions, Salem.



Total Station

Sports Events Achievements:

- M.Saran of II year Civil Engineering Department won the following events :
- Achieved "Zone Winner" position on Cricket Match team organized by SRM College of Engineering and Technology, Trichy, held at $8^{\rm th}$ October, 2023.

- R.Dharanidharan and R.Sathish and M.Uthayakumaran of IV year Civil Engineering Department presented a paper on "Fire Resistance in Building" in A National Level Technical Symposium (SARYU-2023) organized by Civil Engineering Department of Sengunthar Engineering College, held on 26th & 27th September, 2023
- M.Boopathy and V.Yogeshwaran of IV year Civil Engineering Department presented a paper on "Nano Particles in Civil Engineering" in A National Level Technical Symposium (SARYU-2023) organized by Civil Engineering Department of Sengunthar Engineering College, held on 26th & 27th September, 2023.
- K.Vishnu and S.Varun of III year Civil Engineering Department presented a paper on "Basic needs and requirements in Advanced Technology" in A National Level Technical Symposium (SARYU-2023) organized by Civil Engineering Department of Sengunthar Engineering College, held on 26th & 27th September, 2023.
- K.Gurumoorthi and M.Dharun of III year Civil Engineering Department presented a paper on "Ecology in Civil" in A National Level Technical Symposium (SARYU-2023) organized by Civil Engineering Department of Sengunthar Engineering College, held on 26th & 27th September, 2023.
- V.Jeevashankar and A.Henry Infant Raja of IV year Civil Engineering Department presented a paper on "Green Engineering Pavement" in A National Level Technical Symposium (KARIGAALA 2.0) organized by Civil Engineering Department of Chennai Institute of Technology, held on 22nd September, 2023.
- R.Mahalakshmi, R.Pradheepa and V.Kamalini of IV year Civil Engineering Department presented a paper on "Basic needs in Civil Engineering" in A National Level Technical Symposium (KARIGAALA 2.0)organized by Civil Engineering Department of Chennai Institute of Technology, held on 22nd September, 2023.
- V.Jeevashankar, G.Jahan and K.Danushof IV year Civil Engineering Department presented a paper on "Load on Construction" in A National Level Technical Symposium (UNIQUE-2K23) organized by Civil Engineering Department of Dhanalakshmi Srinivasan Engineering College, held on 15th September, 2023.
- S.Chittesh and R.Aravinth of IV year Civil Engineering Department presented a paper on "Floated methods of Civil Engineering" in A National Level Technical Symposium (UNIQUE-2K23) organized by Civil Engineering Department of Dhanalakshmi Srinivasan Engineering College, held on 15th September, 2023.
- J.Mohammed Arif and R.Dhivagaran of IV year Civil Engineering Department presented a paper on "Resistance Building" in A National Level Technical Symposium (UNIQUE-2K23) organized by Civil Engineering Department of Dhanalakshmi Srinivasan Engineering College, held on 15th September, 2023.
- M.Sakthivel and C.V.Pradeesh of II year Civil Engineering Department presented a paper on "Green House" in A National Level Technical Symposium (UNIQUE-2K23) organized by Civil Engineering Department of Dhanalakshmi Srinivasan Engineering College, held on 15th September, 2023.
- G.Kamalesh and K.Praseesh of II year Civil Engineering Department presented a paper on "Fire Protection in Building" in A National Level Technical Symposium (UNIQUE-2K23) organized by Civil Engineering Department of Dhanalakshmi Srinivasan Engineering College, held on 15th September, 2023.

- S.Shobana and S.Vinothini of II year Civil Engineering Department presented a paper on "Green Building" in A National Level Technical Symposium organized by Civil Engineering Department of SNS College of Technology, held on 12th September, 2023.
- S.Sridhacthayini and S.Gowsika of II year Civil Engineering Department presented a paper on "Ecology of Building" in A National Level Technical Symposium organized by Civil Engineering Department of SNS College of Technology, held on 12th September, 2023.

Tamilnadu Student Innovation

Our final year students (M.Uthayakumaran, B.Kishore, V.Kamalini) get grant amount of Rs.1 lakh in the event held by "EDII-TN- Innovation and Entrepreneurship Development Programme (IEDP) Scheme - Tamilnadu Student Innovators 2022 (TNSI), Anna University, Chennai for the project on "Termite resist and corrosive control paint made by coconut husk" held on 1st November, 2023.



#Industrial Visit

- Industrial visit by II year students to "Cement Manufacturing factory Vijay Cements" Trichy on September 26th, 2023.
- Industrial visit by IV year students to "CMK Projects Private Ltd Panjapur" Trichy on July 25th, 2023.
- Industrial visit by III year students to "Abirami Engineering Construction & Co.," Kalanivasal, Karaikudi on July 22nd, 2023.

Cement Manufacturing factory – Vijay
 Cements, Trichy



- D.Swetha Sri of II year Civil Engineering Department wonthe following events:
- Achieved "II prize" in Inter Zonal Kabaddi Women Tournament organized by BIT Campus, Trichy held on 18th November, 2023 and 19th November, 2023.
- Achieved "Runner-up" in Kabaddi Tournament Match organized by Thuvakudi Village held on 23rd September, 2023.



- K.Shalini of II year Civil Engineering Department wonthe following events:
- Achieved "II prize" in Inter Zonal Kabaddi Women Tournament organized by BIT Campus, Trichy held on 18th November, 2023 and 19th November, 2023.
- Achieved "Runner-up" in Kabaddi Tournament Match organized by Thuvakudi Village held on 23rd September, 2023.
- R.Keerthana of II year Civil Engineering Department won the following events:
- Achieved "Il Position" in International KhoKho (Women Tournament 2023-24) organized by Anna University, Thiruvarur held on 26th December, 2023 to 30th December, 2023.
- Achieved "Runner-up" in International KhoKho (Women Tournament 2023-24) organized by Paavai Engineering College held on 16th December, 2023 to 17th December, 2023.
- Achieved "Runner-up" in Kabaddi Tournament Match organized by Thuvakudi Village held on 23rd September, 2023.
- A.Preetheeksha of II year Civil Engineering Department won the following events:
- Achieved "II position" in Anna University Inter Zone -Football match organized United Institutions, Coimbatore, 5th November, 2023 to 6th November, 2023.
- Achieved "II position" inHockey match organized Government College of Engineering, Trichy, 24th November, 2023 to 6th November, 2023.



Rotary Club Activities:

 Installation of Rtr.M.Uthayakumaran as President and his team of office bearers of the year 2023 – 2024, was organized by Rotaract Club of Kongunadu College of Engineering and Technology and Rotatory Club of Namakkal Educational City, held on 14th September, 2023.

Placement Achievements :





Music Club Activities:

 The students play instruments in "12th Graduation Day" conducted on 1st December, 2023.



 The students play instruments and performed music orchestra programme in "Udagamindriamaiyadhadhu Ulagu" function conducted on 28th August, 2023.

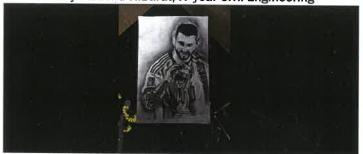


 The students organize music orchestra programme in the cultural events of our "Bridge Course Inauguration" held on 4th August, 2023.



Extra – Curricular Activities :

· Art by student: R.Barat, IV year Civil Engineering





- Achieved "III prize" in Interzone Squash organized by Kongunadu College of Engineering and Technology (Autonomous), held on 26th September, 2023.
- A.Jabeen of II year Civil Engineering Department won the following events:
- Achieved "II prize" in Athletics (400 * 400 metres) in Inter Zone Athletics Meet Men & Women (Anna University Sports Board) organized by Kongunadu College of Engineering and Technology (Autonomous) held on 16th December, 2023 to 17th December, 2023.
- Achieved "IV position" in Heptathlon (100hurdles, high jump, longjump, shotput,800mts,200mts, javelin) in Inter Zone Athletics Meet Men & Women (Anna University Sports Board) organized by Kongunadu College of Engineering and Technology (Autonomous) held on 16th December, 2023 to 17th December, 2023.



Achieved "II prize" in Athletics (400 metres, 800 metres) organized by Jolarpet Mini Stadium, Tirupathur held on 1st September, 2023 to 3rd September, 2023.



- Achieved "II position" in Athletics (400 metres hurdles) organized by Jolarpet Mini Stadium, Tirupathur held on 1st September, 2023 to 3rd September, 2023.
- Achieved "I prize" in Heptathlon (100 hurdles, high jump, longjump, shotput, 800mts, 200mts, javelin) organized by Jolarpet Mini Stadium, Tirupathur held on 1st September, 2023 to 3rd September, 2023
- S.Vinothini of II year Civil Engineering Department won "Winner" in Volleyball Match organized by K.Ramakrishnan College of Engineering and Technology, Trichy held on 18th October, 2023.



- S.Sangeetha of II year Civil Engineering Department the following events:
- Achieved won "II prize" in Inter Zonal Kabaddi Women Tournament organized by BIT Campus, Trichy held on 18th November, 2023 and 19th November, 2023.
- Achieved "Runner-up" in Kabaddi Tournament Match organized by Thuvakudi Village held on 23rd September, 2023.



- P.Aarthi of II year Civil Engineering Department won the following events:
- Achieved "Runner-up" in International KhoKho (Women Tournament 2023-24) organized by Paavai Engineering College held on 16th December, 2023 to 17th December, 2023.
- Achieved "III position" in Inter Zone Athletics Meet Men
 Women (Anna University Sports Board) organized by
 Kongunadu College of Engineering and Technology
 (Autonomous) held on 16th December, 2023 to 17th December, 2023.
- Achieved "II prize" in Inter Zonal Kabaddi Women Tournament organized by BIT Campus, Trichy held on 18th November, 2023 and 19th November, 2023.
- Achieved "I place" in Athletics (100 metre) organized by Kongunadu College of Engineering and Technology (Autonomous) held on 17th November, 2023.
- Achieved "Il place" in Athletics (Long Jump) organized by Kongunadu College of Engineering and Technology (Autonomous) held on 17th November, 2023.
- Achieved "I place" in Athletics (400×100 Relay) organized by Kongunadu College of Engineering and Technology (Autonomous) held on 17th November, 2023.
- Participated in South Zone Kabaddi Match was organized by Alagappa University, Kaaraikudi, held on 22nd November, 2023 to 24th November, 2023.



- Achieved "II position" in Anna University Inter Zone -Hockey match organized United Institutions, Coimbatore, 5th November, 2023 to 6th November, 2023.
- Achieved "Runner-up" in Kabaddi Tournament Match organized by Thuvakudi Village held on 23rd September, 2023.

COLLEGE VISION & MISSION

VISION

"To become an Internationally Renowned Institution in Technical Education, Research and Development by Transforming the Students into Competent Professionals with Leadership Skills and Ethical Values."

MISSION

- * Providing the Best Resources and Infrastructure.
- * Creating Learner-Centric Environment and continuous Learning.
- Promoting Effective Links with Intellectuals and Industries.
- Enriching Employability and Entrepreneurial Skills.
- Adapting to Changes for Sustainable Development.

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