J.J.COLLEGE OF ENGINEERING AND TECHNOLOGY
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Institution Making Students Ready for "Industry 4.0"

DEPARTMENT OF CIVIL ENGINEERING

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J.J.C.E.T NEWS

SOWDAMBIKAA®

DEPARTMENT OF CIVIL ENGINEERING

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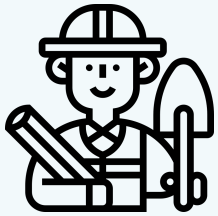
DEPARTMENT OF CIVIL ENGINEERING

We are glad to see you!

VISION

To impart latest knowledge and skills so as to kindle innovation and creativity among students



MISSION

- ·To provide quality Education by preparing a Strong willed, socially committed and Dynamic Engineers for the Future.
- ·To enrich their knowledge in the areas of academic, research and industry by moulding professionals in the field of Civil Engineering to build a sustainable world.
- ·To impart quality education and mould technically sound, ethically responsible professionals in the field of Civil Engineering.
- ·To prepare the students with a broad skill set of creativity, critical thinking and effective communication skills to meet the desired needs of the society.
- ·To develop state of the art infrastructure and research for effective teaching learning process.
- ·To strengthen soft skills especially for rural students through co-curricular and extracurricular activities.

DEPARTMENT

NEWSLETTER

JJ CET
COLLEGE

PRINCIPAL'S MESSAGE

DR.P.MATHIYALAGAN M.E., Ph.D

Today we live in a fast-changing complex society which presents both challenges and opportunities. In this circumstance, it all depends on each individual how he/she responds to the situation with the right mental attitude. This shall happen only by educating them appropriately, not just to be employment seekers, but also to be employment creators and innovators. To ensure this, our college has established high quality and sophisticated infrastructure with an excellent academic ambience which will enrich progressive technical education.

We are providing ample training on the development of engineering skills leading to participation in national and international competitions.

Our institution endeavors to impart the best knowledge and skills for promoting and pursuing a multi-disciplinary engineering and technical education in a well-disciplined manner. Through this strategy, we could produce engineering graduates with professional competence that naturally attracts the placement opportunities towards our students. There is continuous monitoring on the execution of the planned academic activities so as to achieve the desired results in order to groom our students to get well-employed and pursue higher studies in reputed top institutions in India and abroad.

I have a great pleasure in expressing my thoughts as the Principal of JJ College of Engineering and Technology. Our institute holds the manifold distinction of being amongst the best when one considersthe present status of technicaleducation today. Our teachers are invited as resource personnel at national and international seminars, conferences and symposia in India and abroad. I wish the best for all our staff and students who reiterate their aims at providing the best in academic and extra-curricular fields. It is my pleasure in congratulating the editorial board on this pleasant occasion of releasing the newsletter.

DEPARTMENT

NEWSLETTER

JJCET
COLLEGE

HOD'S MESSAGE

DR.A.ANANTHI M.E., Ph.D

Welcome to the Maiden edition of the monthly News Letter of Department of Civil Engineering, J.J.College of Engineering and Technology. We are really proud and passionate to acclaim that we are ready with all new hopes and hues to bring out the 01st issue , which is going to surely unfold the most unforgettable and precious moments of the department.

The magazine is to be viewed as a launch pad for both the Faculties' and Students' creative urges to blossom naturally. We are sure that the positive attitude, hard work, sustained efforts and innovative ideas exhibited by our department faculties' and students' will surely stir the mind of the readers and take them to the surreal world of unalloyed joy and pleasurel am extremely delighted and proud to announce the release of our first department newsletter. Professionals need to be knowledgeable in multiple skills,not just in one. The department organizes various activities to mould students as future professionals. This newsletter will motivate students as it serves as a medium to showcase their success stories.

I'm grateful to Dr.P.Mathiyalagan (Principal) for his support.A special mention to Mr. N.Boopalraj (Faculty Editor)for his hard work put in.

DEPARTMENT

NEWSLETTER

JJCET
COLLEGE

EDITOR'S VOICE

Mr.N.BOOPALRAJ M.E.,

We are extremely happy in releasing the monthly newsletter,highlighting the activities of the college between November 2022 and December 2022. The laudable exercise of the students and staff of this Institution has already brought laurels in the name of one of the Top 100 Best Colleges Award for the year 2022 by Higher Education News journal. I congratulate the staff and students for this achievement. .

I wish that everyone continue their untiring efforts not only to retain this reputation but to grow to further high standards.Innovations Hub congratulates the staff and students whole-heartedly for their participations in various events viz. Workshops, Seminars, Symposia and Fine Arts etc. Today's students are tomorrow's leaders. Engineers are the pillars of the society. To be an effective pillar"An Engineer should act as Hercules' way of living to emancipate the society. "Many times we yield ourselves to make convenient of ours.A great man is no longer being a great man unless he does the great things without any finite instruments for his service to the society. An Engineer should scrupulously uphold the positive traits on each foot of his journey as an engineer.

MAJOR PROGRAMS

JJCET *FEB 2023*

3D MODELLING

3D modelling in civil engineering is an essential tool, both for engineers and clients. It gives both parties a built-to-scale representation of the project, instead of going through different drawings and patterns to figuring out the overall project's design.

AUTOCAD DESIGN

AutoCAD is a desktop software application for 3D and 2D design and drafting used for creating blueprints and other engineering plans. AutoCAD is used in architectural drafting, civil drafting, mechanical drafting, electrical drafting, electronics, aeronautical drafting and more

SURVEY CAMPING

In Survey camp, students obtain extensive hands-on experience in the use of land surveying instruments and in the essentials of survey practice. Measurements of distances and angles, calculation and correction of errors are introduced.

STUDENT'S ACHIEVEMENT

NEW

JJCET ● FEB,2023 EDITION ● CIVIL

Our final year students Bharathiselvan, Madhan kumar, Gowtham, Vignesh has secured 3rd prize in Paper presentation which was conducted at King's college of engineering.

Our civil engineering final year students has participated in paper presentation which was conducted at Dhanalakshmi college of engineering and secured 3rd prize.

SOME RECOMMENDATIONS FOR THIS WEEK'S

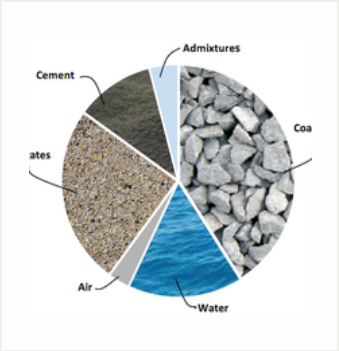
Our final year students Bharathiselvan, Madhan kumar, Gowtham, Vignesh has secured 1st prize in Model Making which was conducted at King's college of engineering.

LOTS OF NEW ACHIEVEMENTS FOR YOUR WEEKEND

JOURNALS AND PUBLICATIONS

You must learn a new way to think before you can master a new way to be. -Marianne Williamson inspired me for my publications

Dr.A.Ananthi

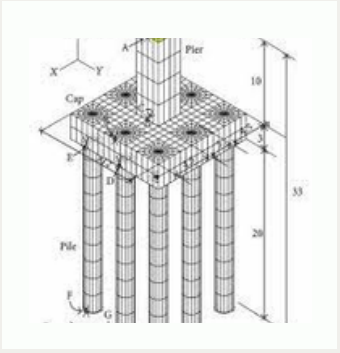


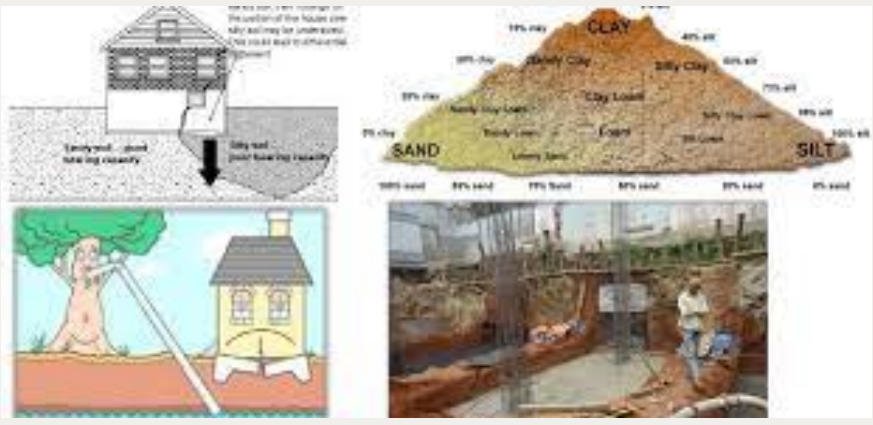
1) Strength Properties and water absorbtion of High Performance Concrete with Welding Slag as Fine Aggregetes.

by A.Anandhi

Numerical Study On The Performance Of Shallow Foundation On Sand Bed Reinforced With Varying Natural And Polymeric Geosynthetic Materials

by N.Boopalraj





15

international conferences

12

publications

50+

webinats and FDP

PLACEMENT

NEW

JJCET ● FEB 2023 ● CIVIL

As a civil engineer student, you will be building roads, buildings bridges, dams, canals, seaports, power plants and airports! This sector is looking up these days mainly due to the numerous infrastructure projects that are in the pipeline for India. It is a challenging profile but immensely satisfying as well. Also, with the green way of living gaining popularity across the world, the role of a civil engineer often overlaps with that of an environment engineer as he needs to plan his projects in an environment-friendly manner

.

In general, a fresh civil engineer can make Rs 20,000 to Rs 30,000 a month. Someone with 15-20 years' experience can earn Rs 75,000 to Rs 1 lakh a month. In the government sector, for example, the CPWD director general earns Rs 80,000 a month.

You would get to work in companies like Larsen & Toubro Ltd., Indian Railways, Engineers India Ltd., DRDO, ISRO, SERC, PWD, DLF etc.

- ·Our final year students was placed in Sun Engineering private limited company with a salary package of 2.4 lakhs per annum.
- ·Many students was placed in more than one company and still waiting for other companies .
- Our HOD instited about GATE exams for getting into PSU's