J.J COLLEGE OF ENGINEERING AND TECHNOLOGY
SOWDAMBIKAA GROUP OF INSTITUTIONS

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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

DEPARTMENT OF CIVIL ENGINEERING

SOWDAMBIKAA

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J.J COLLEGE OF ENGINEERING AND TECHNOLOGY COUNSELING CODE 3807

Approved by AICTE I Affiliated to Anna University I ISO 9001 : 2015 Certified

SOWDAMBIKAA GROUP OF INSTITUTIONS

ESTD. 1994

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.

MAJOR EVENTS

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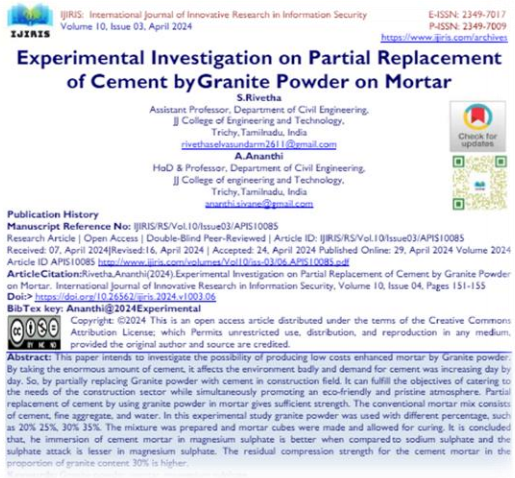
Our department has organized the TRITON'S-24 "National Level Technical Symposium" on April 24, 2024. Various Technical and Non-Technical events were held in this function by our Civil Department. Over 100 students from several colleges attended the symposium and were awarded.

MAJOR EVENTS

Our department has organized the Industrial Visit on 30.04.24 at Kothari Sugar factory Kattur, Lalgudi, Trichy for our department students. The students were gained the knowledge about manufacturing of Sugar, Electricity, Alcohol and know about reusing of material from factory waste.

FACULTY ACHIVEMENT



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Experimental Investigation on Partial Replacement of Cement by Granite Powder on Mortar

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Abstract: This paper intends to investigate the possibility of producing low costs enhanced mortar by Granite powder. By taking the enormous amount of cement, it affects the environment badly and demand for cement was increasing day by day. So, by partially replacing Granite powder with cement in construction field. It can fulfill the objectives of catering to the needs of the construction sector while simultaneously promoting an eco-friendly and pristine atmosphere. Partial replacement of cement by using granite powder in mortar gives sufficient strength. The conventional mortar mix consists of cement, fine aggregate, and water. In this experimental study granite powder was used with different percentage, such as 20% 25%, 30% 35%. The mixture was prepared and mortar cubes were made and allowed for curing. It is concluded that, he immersion of cement mortar in magnesium sulphate is better when compared to sodium sulphate and the sulphate attack is lesser in magnesium sulphate. The residual compression strength for the cement mortar in the proportion of granite content 30% is higher.

Ms.S.Rivetha Assistant Professor and Dr. A. Ananthi, Professor/ Head of the Civil Department has published a paper on "Experimental investigation on Partial Replacement of Cement by granite powder on mortar" Vol 10, No3 in Research Organized by International Journal of Innovative Research in Information Security 29.04.2024

Ms.S.Rivetha, Assistant Professor has attended a massive Upskilling Faculty Development Program at Sri Ramakrishna College of engineering – Department of Mech & Agri has organized on the course "Application of IOT in Mechanical and Agricultural engineering ON 18.03.2024-22.03.2024

SRI RAMAKRISHNA COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
Sri Saradha Nagar, NH-45, PERAMBALUR - 621 113.

DEPARTMENT OF MECHANICAL AND AGRICULTURAL ENGINEERING
organize
5 Days online free FACULTY DEVELOPMENT PROGRAMME
on
"APPLICATION OF INTERNET ON THINGS IN MECHANICAL ENGINEERING AND AGRICULTURAL ENGINEERING SYSTEMS"

CERTIFICATE

This is to certify that Rivetha. S, participated and completed the online free Faculty Development Programme successfully on "APPLICATION OF INTERNET ON THINGS IN MECHANICAL ENGINEERING AND AGRICULTURAL ENGINEERING SYSTEMS" from 18th March to 22nd March 2024 at SRI RAMAKRISHNA COLLEGE OF ENGINEERING, Perambalur.

Convener Principal

STAR INTERNATIONAL
Foundation for Research and Education
SIFRE
(Registered Under Indian Trust Act, ISO Certified and 12AA & 80G Approved Organisation)
Tiruchengode-637211, Namakkal-Dt, Tamil Nadu, India

e-Certificate of Recognition

This is to certify that Prof/Dr/Mr/Ms Rivetha S, Assistant Professor of Civil Engineering, JJ College Of Engineering and technology , has actively participated in " 7 DAYS NATIONAL LEVEL FDP ON PYTHON " organized by Star International Foundation for Research and Education on 19.03.2024 to 25.03.2024.

Dr.S. Sekar
Founder / Managing Trustee

Certificate ID DKDTHQ-CE001381

Ms.S.Rivetha, Assistant Professor has attended a massive Upskilling 7 days National Level Faculty Development Program on PYTHON organized by STAR International Foundation for Research and Education on 19.03.2024-25.03.2024

STUDENTS ACHIVEMENT

Our Student Sanjay Kannan and Haribabu from Third year has won the first price in treasure Hunt in National Level Technical Symposium at M.A.M college of Engineering, Trichy on 23rd March 2024

M.A.M. COLLEGE OF ENGINEERING
Siruganur, Trichy-621105.
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)

WARRIORS 2k24
A National Level Technical Symposium

CERTIFICATE OF APPRECIATION

This is to certify that Mr./ ~~Ms~~ R. GUNASEKARAN
of J.J. COLLEGE OF ENGINEERING has participated / ~~won~~
Prize in the CONNECTION - TECHNICAL Event in Warriors 2k24 - A National Level Technical Symposium organized by the Department of Civil Engineering on 23rd March 2024.

Prof T. SATHYA HoD | Dr. M. SHANMUGAPRIYA Principal | Mr. M.A.M. AHMAR Joint Secretary | Dr. M.A. MOHAMED NIZAM Secretary & Correspondent

Our Student Gunasekaran R from Final year has contributed in National Level Technical Symposium organized by the Department of Civil Engineering on 23rd March 2024

Our Student Vishnu from Second year has contributed in National Level Technical Symposium organized by the Department of Civil Engineering on 23rd March 2024

M.A.M. COLLEGE OF ENGINEERING
Siruganur, Trichy-621105.
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WARRIORS 2k24
A National Level Technical Symposium

CERTIFICATE OF APPRECIATION

This is to certify that Mr./ Ms VISHNU
of J.J. COLLEGE OF ENGINEERING has participated / ~~won~~
Prize in the PAPER PRESENTATION Event in Warriors 2k24 - A National Level Technical Symposium organized by the Department of Civil Engineering on 23rd March 2024.

Prof T. SATHYA HoD | Dr. M. SHANMUGAPRIYA Principal | Mr. M.A.M. AHMAR Joint Secretary | Dr. M.A. MOHAMED NIZAM Secretary & Correspondent