



IN BLICK

ISSUE 5

CIVIL DEPARTMENT
NEWSLETTER

DEPARTMENT OF CIVIL ENGINEERING
EASWARI ENGINEERING COLLEGE
(AUTONOMOUS)

IN BLICK

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DEPARTMENT OF CIVIL ENGINEERING



CHIEF EDITOR

Mr. Lenin Dhal

Assistant Professor

Apr 2023 - June 2023

CIVIL NEWSLETTER

IN BLICK

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Department Vision



To provide basic and advanced knowledge and skills among civil engineering students so as to meet the changing industrial and research needs to become the acknowledged leader in civil engineering.

Department Mission

- To provide education in the field of civil engineering and guide them towards technical advancement
- To impart essential skills to the students and enhance their employable potential and entrepreneurial capabilities
- To educate the student in solving problems related to interdisciplinary fields
- To nurture leadership skills with social consciousness to act professionally and ethically
- Extend engineering knowledge through creative, innovative projects and research so as to promote consultancy for industrial and social needs.
- To use modern engineering tools and appropriate teaching techniques for modeling, analyzing and designing the real world problems



PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

- Graduates will have fundamental technical knowledge in their domain and contribute to the development of various disciplines of civil engineering such as Structural engineering, Construction management, Environmental engineering by continuous education.
- Graduates will exhibit effective communication, leadership, problem solving and decision-making skills by understanding contemporary issues in industry and contribute to overall personality and career development
- Graduates shall ensure sustainable development through lifelong learning and be socially responsible..



- Graduates will be proficient in academics and a segment of our graduates will pursue higher studies and involve in research and development in the various branches of civil engineering
- Graduates will apply the fundamentals of science (Mathematics, Physics and Chemistry) in engineering and be capable of teaming with multi-disciplinary professionals to analyze, design and execute projects in the field for obtaining solutions to emerging technical problems..

PROGRAMME OUTCOMES (PO)

- i) Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- ii) Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- iii) Design/Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- iv) Conduct Investigations of Complex Problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions for complex problems:
That cannot be solved by straightforward application of knowledge, theories and techniques applicable to the engineering discipline as against problems given at the end of chapters in a typical text book that can be solved using simple engineering theories and techniques;
that may not have a unique solution. For example, a design problem can be solved in many ways and lead to multiple possible solutions;
that require consideration of appropriate constraints / requirements not explicitly given in the problem statement such as cost, power requirement, durability, product life, etc.; which need to be defined (modeled) within appropriate mathematical framework; and that often require use of modern computational concepts and tools, for example, in the design of an antenna or a DSP filter.
- v) Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PROGRAMME OUTCOMES (PO)

- vi) The Engineer and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.viii) Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- ix) Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- x) Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- xi) Project Management and Finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- xii) Life-long Learning: Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.





MEENAKSHI TEMPLE



Madurai Meenakshi Sundareswarar temple was built by Pandayan Emperor Sadayavarman Kulasekaran I (1190 CE–1205 CE). He built the main Portions of the three-storeyed Gopuram at the entrance of Sundareswarar Shrine and the central portion of the Goddess Meenakshi Shrine are some of the earliest surviving parts of the temple. The traditional texts call him a poet-saint king, additionally credit him with a poem called Ambikai Malai, as well as shrines (koil) each for Natarajar and Surya near the main temple, Ayyanar in the east, Vinayagar in the south, Kariamalperumal in the west and Kali in the north.

He also built a Mahamandapam. Kulasekara Pandya was also a poet and he composed a poem on Meenakshi named Ambikai Malai.^[9] Maravarman Sundara Pandyan I built a gopuram in 1231, then called Avanivendaraman, later rebuilt, expanded and named as Sundara Pandya Thirukkopuram.^[9] Chitra gopuram (W), also known as Muttalakkum Vayil, was built by Maravarman Sundara Pandyan II (1238-1251). This gopuram is named after the frescoes and reliefs that depict secular and religious themes of Hindu culture. Maravarman Sundara Pandyan II also added a pillared corridor to the Sundareswara shrine and the Sundara Pandyan Mandapam.^[9] It was rebuilt after the 14th-century damage, its granite structure was renovated by Kumara Krishnappar after 1595.



PRIDE OF INDIA

INDIA GATE



The India Gate (formerly known as All India War Memorial) is a war memorial located near the Kartavya path on the eastern edge of the "ceremonial axis" of New Delhi, formerly called Rajpath. It stands as a memorial to 84,000 soldiers of the British Indian Army who died between 1914 and 1921 in the First World War, in France, Flanders, Mesopotamia, Persia, East Africa, Gallipoli and elsewhere in the Near and the Far East, and the Third Anglo-Afghan War.

13,300 servicemen's names, including some soldiers and officers from the United Kingdom, are inscribed on the gate.[2] Designed by Sir Edwin Lutyens, the gate evokes the architectural style of the memorial arch such as the Arch of Constantine, in Rome, and is often compared to the Arc de Triomphe in Paris, and the Gateway of India in Mumbai.





INSPIRATIONAL STORY

VICKY ROY



At the age of 11, Roy ran away from home to New Delhi to save himself from an abusive grandfather. He worked as a dishwasher and rag picker at the New Delhi railway station for months until a doctor referred him to the Salaam Balak non-governmental organisation (NGO). In the NGO, Roy met a British photographer who became his inspiration. At the age of 18, the NGO presented a camera to him, and he left after getting an apprenticeship with Anay Mann.

Street Dreams was his first solo photography exhibition in 2007, and was held at the India Habitat Centre in New Delhi. During the 2013 Delhi Photo Festival, the Nazar Foundation released **Home Street Home**, his first monograph. In 2017, his first solo show was showcased at the Vadehra Art Gallery, titled **This Scarred Land: New Mountainscapes**. In 2018, he was a part of the Houston FotoFest Biennial and Kochi-Muziris Biennale.



**THE REAL BEAUTY
OF THE BUILDING IS
SEEN WHEN THE
RIGHT PAINTS
TOUCH ITS WALLS.**

Ernest Agyemang Yeboah

QUOTES



*A new year Is the best Time
To Make fresh new Beginnings as you Begin
A New chapter of your life
To fill up the pages with Beautiful verses*

*-Thomas Britto
Civil Engineer*





ISTE ACTIVITY ON OPPORTUNITIES IN OIL & GAS INDUSTRIES

EASWARI ENGINEERING COLLEGE
An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY
RAMAPURAM, CHENNAI

Indian Society for Technical Education (ISTE)

Organises

Guest lecture on

OPPORTUNITIES IN OIL & GAS INDUSTRIES

Thursday | 20.04.2023 | 09.30 am - 11.00 am

Hi-Tech Hall - I, EEC

Mr. A. R. Velmurugan
Department Manager - Civil & Structural
KBR, Chennai

Convenor
Dr. S. Suyambazhahan, Professor / Mechanical

Co-Convenor
Mr. A. Mohan, Assistant Professor / Civil

SRMEaswariOfficial

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Easwari Engineering College (Autonomous), Department of civil engineering . AN ISTE activity on opportunities in oil & Gas industries Mr. A. R. Velmurugan has explain the opportunities for Civil and Mechanical engineering students on 20th April 2023.





CORE TEACHING ON MUNICIPAL WASTE MANAGEMENT TECHNIQUES & 3R CONCEPTS



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DEPARTMENT OF
CIVIL
ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING
ORGANIZES
CORE TEACHING ON
Municipal Waste Management
Techniques & 3R Concepts



Er.M.Aravind M.E., PGDEL
SWM Expert
Regional Directorate of Municipal
Administration Tiruppur

Date: 29th April, 2023 | 11:00AM
Google meet link :- <http://meet.google.com/pct-wiak-qbw>

CONVENOR
Dr.S.Lavanya Prabha,
Prof & Head/Civil

CO-ORDINATOR
Dr. M. Naveenkumar Asst. Prof /Civil
Mr. M. Surendar Asst. Prof /Civil

 www.civil.srmeaswari.ac.in

FOLLOW US ON   
@SRMEASWARICIVIL

Easwari Engineering College (Autonomous), Department of civil engineering Conducts core teaching program on Municipal waste Management techniques & 3R Concepts Er. M. Aravind SWM Expert has explain and teach the Techniques and concepts for 2nd yr students on 29th April 2023.





TOPPER'S CLUB ACITVITY ON AQUANOMICS

EASWARI ENGINEERING COLLEGE
An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY
RAMAPURAM CHENNAI

DEPARTMENT OF CIVIL ENGINEERING
Organizes
Institute Social Responsibility (ISR) Program
On
AQUANOMICS
BUILDING A THRIVING AQUAPONIC COMPETITION
EXCLUSIVE FOR 11TH & 12TH STUDENTS

RULES AND REGULATION

- Develop your own experimental procedure
- 3 to 4 member per team. Submit your topic/theme on or before 18 /5/2023
- Provide a report on your topic 25 /5/2023
- Best ideas will be selected for the next round, where you have to present your working model.

Register for FREE!

<https://forms.gle/SQb8rCu1h2gcu9jL9>

CONVENOR:
Dr.S.Lavanya Prabha
Professor and Head/ CIVIL

COORDINATORS:
Dr.Naveen Kumar
Assistant Professor /CIVIL

Mr. Lenin Dhal
Assistant Professor /CIVIL

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Easwari Engineering College (Autonomous), Department of civil engineering . An Topers club activity on AQUNOMICS theme on Building a thriving aquaponic competition for 11th and 12th students held on 18th may 2023 organized by Institute social Responsibility ISR





FACULTY ACHIVEMENT



Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)



This certificate is awarded to
L CHANDRAKANTHAMMA
for successfully completing the course

Electronic Waste Management - Issues and Challenges

with a consolidated score of **68** %

Online Assignments	14.67/25	Proctored Exam	53.25/75
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Total number of candidates certified in this course: **1168**

Jan-Feb 2023
(4 week course)



Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CE25S34344027 To validate the certificate  No. of credits recommended: 1 or 2

**Easwari Engineering College (Autonomous), Department of civil engineering
Mrs. L. Chandrakanthamma Completed NPTEL Online Crouse Electronic waste
management Elite grade**



**Easwari Engineering College (Autonomous) Dept. Of Civil Engg. Faculty & Students
participated in College Badminton**

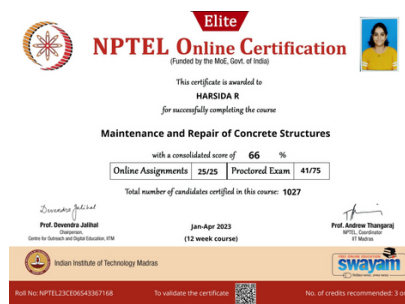




STUDENTS ACHIVEMENT



Easwari Engineering College (Autonomous), Department of civil engineering Students have placed in CORE COMPANIES



Easwari Engineering College (Autonomous), Department of civil engineering Students have completed NPTEL courses in elite



Easwari Engineering College (Autonomous), Department of civil engineering Students have got toppers awards in annual day





STUDENTS ACHIEVEMENT

Easwari Engineering College (Autonomous) Dept. Of Civil Engg. M. S. Yadesh Babu participated in KHELO India swimming Championship Represented by Anna University on 26th-29th May , 2023 Held at Gauthama Budha University and secured following 3 different prizes and awards

- First Prize - Men freestyle relay
- Second Prize - Men freestyle relay
- Third Prize - Men Breaststroke





DRAWING COMPETITION ON "INCREDIBLE MODERN MARVELS"



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RAMAPURAM, CHENNAI



TNEA CODE
1304

INCREDIBLE MODERN MARVELS (Drawing competition)

THEME: MODERN WONDERS OF THE WORLD



16.06.2023 to 25.06.2023

Eligibility: School and Polytechnic Students

Register: <https://tinyurl.com/yextc4ry>



Convenor

Dr. S. Lavanya Prabha, Professor & Head - Civil

Co-Convenors

Dr. G. Velraj Kumar, Assistant Professor - Civil

Mr. A. Mohan, Assistant Professor - Civil

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Easwari Engineering College (Autonomous), Department of civil engineering conducts for the growth of school and polytechnic students an incredible modern drawing competition in the theme of modern wonders of the world on 16th June 2023.





INDUSTRY SUPPORTED COURSE ON HVAC AND ELECTRICAL SYSTEM



Easwari Engineering College (Autonomous), The Department of civil engineering has arranged an industry supported course on Building service engineering for 3rd yr students, On 6th June to 8th June 2023 . 3 modules will be taught to the students as HVAC and Electrical System





SURVEY CAMP



Easwari Engineering College (Autonomous), Department of civil engineering has arranged Survey camp for 2nd yr students, from 9th June to 12th June 2023 for the academic yr 2022-2023. The survey camp has been conducted in Thiruneermalai for 2 days and 1 day in Marina Beach, Chennai. Survey camp provides necessary foundation for civil engineers create an opportunities to improve particle knowledge in engineering survey under actual field condition.



IN BLICK EDITORIAL TEAM



Mr. Lenin dhal
Asst.prof./civil engg.



Vignesh B
3rd year /civil engg.



Pavan Raj N
3rd year /civil engg.



Kishore K
3rd year /civil engg.



Aakash
M.E /Structural engg.



Surya R
3rd year /civil engg.



Yugesh
Final year /civil engg.