



CIVIL ENGINEERING NEWSLETTER **AADHARA**

EDITION OF JULY/AUGUST(2022)

FEATURES :
STUDENT'S SECTION
FACULTY CONTRIBUTION
OSC's

VISION AND MISSION OF THE DEPARTMENT

VISION

To be a centre of excellence in Civil Engineering Education through full-fledged Learning experience along with research.

MISSION

To accomplish our vision, we are committed to excel in Civil Engineering Education by providing,

- Faculty experts from all specialization of Civil Engineering to facilitate teaching learning process
- Excellent infrastructure facilities to apply Civil Engineering knowledge and perform societal based research
- Exposure to latest technologies in Civil Engineering through industry-institute interaction and professional bodies
- Environs to develop their innovative thoughts, ethics, communication, inter- and intra- personal skills
- Enthusiasm towards self-learning, social responsibility and entrepreneurship

PROGRAM EDUCATIONAL OUTCOME

- To apply knowledge of mathematics, science and engineering to solve existing problems in the area of Structural, Geotechnical, Water Resources, Environmental, Transportation, Urban Planning, Construction Materials and Management in Civil Engineering
- To analyze, design, construct Civil Engineering traditional and modern structures
- To perform investigation on any complicated Civil Engineering problems by conducting research using modern equipment and software tools
- To communicate and develop strong inter- and intra- personal skills to prepare them for placement and higher studies
- To be self-motivated towards lifelong learning and entrepreneurship

STUDENT'S ACHIEVEMENTS

- DOCTORATE AWARD FOR SOCIAL WORK
- SUMMER FELLOWSHIP PROGRAMME (SFP)
- STADIUM CONSTRUCTION SITE IN SKCET CAMPUS (OCLE)
- SREE DAKSHA OLIVIA RESIDENTIAL APARTMENT (OCLE)

FACULTY CONTRIBUTION

- FACULTY CERTIFICATION
- FACULTY R&D PATENT PUBLICATION

OTHER SIGNIFICANT CONTRIBUTION

- BOARD OF STUDIES MEETING
- WEBINAR
- GUEST LECTURE
- WORKSHOP

STUDENT'S ACHIEVEMENTS

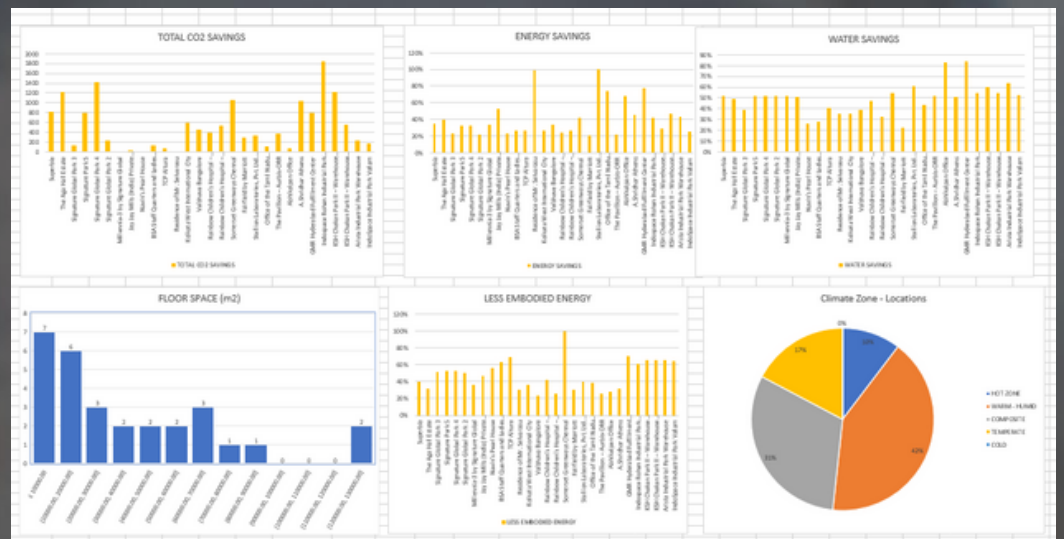
DOCTORATE AWARD FOR SOCIAL WORK:

THIRD-YEAR STUDENT B.SREE KARTHIKEYAN HAS BEEN CONFERRED WITH HONORARY DOCTORATE AWARD FOR SOCIAL WORK, SOCIAL WELFARE DURING COVID-19, AND CONTRIBUTION TO POLICE JOURNALISM. THE AWARD WAS GIVEN BY DR. ABHASH KUMAR, IPS DIRECTOR GENERAL OF POLICE (DGP), AND DR. E. T. SAMSON, IPS AND DEPUTY COMMISSIONER OF POLICE(DC), SUPREME COURT SECRETARY.



SUMMER FELLOWSHIP PROGRAMME (SFP) :

FINAL YEAR STUDENT SM. OVIYAA HAS SUCCESSFULLY COMPLETED HER SUMMER FELLOWSHIP PROGRAMME (SFP) - 2022 FROM 27TH JUNE TO 27TH JULY 2022 IN THE BUILDING TECHNOLOGY AND CONSTRUCTION MANAGEMENT STREAM OF THE DEPARTMENT OF CIVIL ENGINEERING, INDIAN INSTITUTE OF TECHNOLOGY MADRAS (IITM), CHENNAI. SHE HAS UNDERGONE THE FELLOWSHIP PROGRAMME UNDER THE SUPERVISION OF DR. SIVAKUMAR PALANIAPPAN, ASSISTANT PROFESSOR, IITM. SHE TRAINED ON DIFFERENT GREEN BUILDING RATING SYSTEMS AVAILABLE IN INDIA AND PERFORMED COMPARATIVE ANALYSIS OF DIFFERENT RATING SYSTEMS USING EDGE SOFTWARE.



OUTSIDE CLASS LEARNING EXPERIENCE

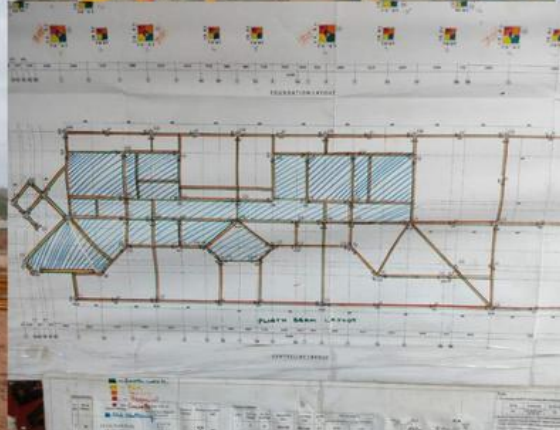
STADIUM CONSTRUCTION SITE IN SKCET CAMPUS :

THE 1ST YEAR CIVIL ENGINEERING STUDENTS VISITED THE STADIUM CONSTRUCTION SITE IN SKCET CAMPUS AS A PART OF OF OUTSIDE CLASSROOM LEARNING EXPERIENCE FOR THE SUBJECT " ARCHITECTURAL PLANNING AND BUILDING DRAWING".



KEY LEARNINGS WERE

1. STUDENTS GOT TO KNOW THE DESIGN REQUIREMENTS AND DETAILS OF THE STADIUM (GALLERY ARRANGEMENT, SYNTHETIC TURF, DRAINAGE REQUIREMENTS)
2. EARTHWORK, FORMWORK FOR CONCRETING, SCAFFOLDING, BAR BENDING WORKS, CONCRETING PROCESS, AND IMPORTANCE OF CURING
3. SAFETY PRACTICES ADOPTED AT THE SITE.
4. THEY LEARNED TO INTERPRET THE DRAWINGS ON-SITE AND HOW THEY GOT TRANSLATED INTO BUILDINGS.



OUTSIDE CLASS LEARNING EXPERIENCE

SREE DAKSHA OLIVIA RESIDENTIAL APARTMENT BUILDING:

THE 3RD YEAR CIVIL ENGINEERING STUDENTS VISITED THE SREE DAKSHA OLIVIA RESIDENTIAL APARTMENT BUILDING AS A PART OF OUTSIDE CLASSROOM LEARNING EXPERIENCE FOR THE SUBJECT " DESIGN OF REINFORCED CONCRETE STRUCTURES" (DRCS)" ON 13TH AUG 2022.



KEY LEARNINGS WERE

1. BEAM SUPPORTED FLOOR SYSTEMS - COMPONENTS.
2. BEAM , COLUMN AND SLAB REINFORCEMENT REQUIREMENTS AND ITS BAR BENDING WORKS.
3. ANCHORAGE , SHEAR AND TORSION REQUIREMENTS IN STRUCTURAL COMPONENTS.
4. FORM WORK REQUIREMENTS.

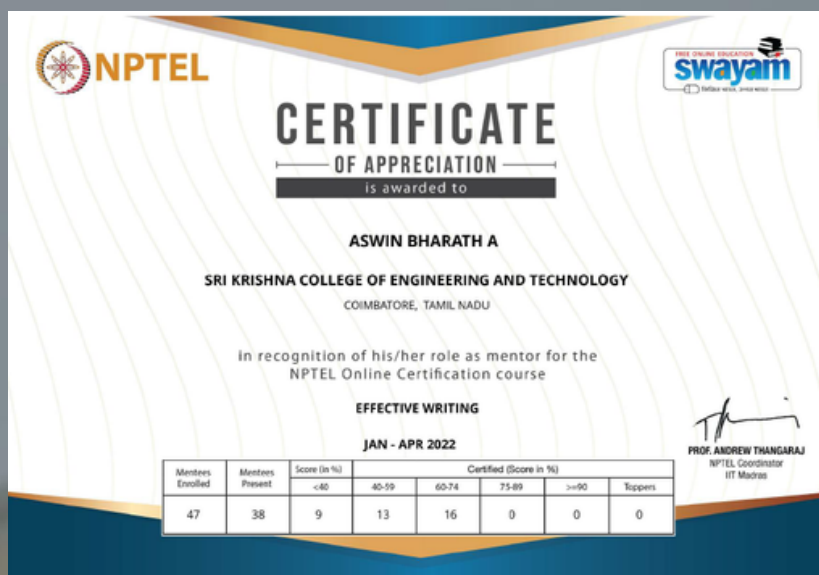
THE FACULTY ACCOMPANYING THE STUDENTS WERE MR. A. JESUDASS AND MR. R. VIGHNESH.



FACULTY CONTRIBUTION

FACULTY CERTIFICATION :

MR. A. ASWIN BHARATH, ASSISTANT PROFESSOR OF THE DEPARTMENT OF CIVIL ENGINEERING IS RECOGNIZED FOR HIS ROLE AS A MENTOR FOR THE NPTEL COURSE “EFFECTIVE WRITING”. AMONG THE 38 STUDENTS, 29 STUDENTS HAVE SUCCESSFULLY COMPLETED THE COURSE.



FACULTY CERTIFICATION :

DR. R. CHANDRA DEVI, ASSOCIATE PROFESSOR OF THE DEPARTMENT OF CIVIL ENGINEERING HAS SUCCESSFULLY COMPLETED A 6-DAY FDP ON “UNIVERSAL HUMAN VALUES II” ORGANIZED BY AICTE FROM 23RD MAY TO 28TH MAY 2022.



FACULTY CERTIFICATION :

MR. A. JESUDASS, ASSISTANT PROFESSOR OF THE DEPARTMENT OF CIVIL ENGINEERING HAS SUCCESSFULLY COMPLETED A 5-DAY TRAINING PROGRAM ON “GREEN BUILDINGS” ORGANIZED BY CII - IGBC FROM 2ND AUGUST TO 6TH AUGUST 2022.



FACULTY CERTIFICATION :

THE FOLLOWING CIVIL ENGINEERING FACULTY HAVE COMPLETED NITTT COURSES.

MR. R. VIGHNESH

M2: PROFESSIONAL ETHICS AND SUSTAINABILITY



MR. A. JESUDASS

M5: TECHNOLOGY ENABLED LEARNING AND LIFE LONG SELF LEARNING

M6: STUDENT ASSESSMENT AND EVALUATION



MR. S. SADHEESH

M4: INSTRUCTIONAL PLANNING AND DELIVERY



FACULTY R&D PATENT PUBLICATION :

DR. S. RAMAKRISHNAN AND DR. P. SARAVANAKUMAR, ASSOCIATE PROFESSORS, DEPARTMENT OF CIVIL ENGINEERING HAVE PUBLISHED A PATENT ON THE TITLE "DESIGN AND DEVELOPMENT OF LIGHTWEIGHT SELF COMPACTING CONCRETE MIXTURE AND THEIR IMPACT ON STRENGTH OF BUILDINGS".

Application Details	
APPLICATION NUMBER	202241041685
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/07/2022
APPLICANT NAME	1 . DR. P. SARAVANAKUMAR 2 . DR. S. RAMAKRISHNAN 3 . DR.PRATIBHA CHOUDHARY 4 . DR. RAVINDRA D NALWADE 5 . DR.ADITYA NITINBHAI 6 . RAVINDRA KUMAR GOLIYA 7 . DR. R. VIJAY KUMAR 8 . DR.B.VIJAYA
TITLE OF INVENTION	DESIGN AND DEVELOPMENT OF LIGHT WEIGHT SELF COMPACTING CONCRETE MIXTURE AND THEIR IMPACT ON STRENGTH OF BUILDINGS
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	sgowthami12@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sgowthami12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	29/07/2022

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

[View Documents](#)

→ **Filed** → **Published** → RQ Filed → Under Examination → Disposed

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

OTHER SIGNIFICANT CONTRIBUTION

BOARD OF STUDIES MEETING:

DEPARTMENT OF CIVIL ENGINEERING CONDUCTED ITS 12TH BOARD OF STUDIES MEETING ON 1ST JULY 2022. THE MEETING WAS CONVENED BY DR. D. MARUTHACHALAM, PROFESSOR AND HEAD, DEPARTMENT OF CIVIL ENGINEERING ALONG WITH EXTERNAL EXPERTS DR. J. JEGAN, PROFESSOR, UNIVERSITY COLLEGE OF ENGINEERING, RAMANATHAPURAM, DR. G. CHITRA, PROFESSOR, THIAGARAJAR COLLEGE OF ENGINEERING, DR. S. S. CHANDRASEKARAN PROFESSOR & DIRECTOR-CDMM, VELLORE INSTITUTE OF TECHNOLOGY, ER. S. SIVALINGAM, SENIOR TECHNOCRAT, PWD AND ER. PRITHVI JAYAPRAKASH, PROPRIETOR, ESR INFRAS. THE COMMENTS FROM ALL THE EXPERT MEMBERS WERE RECORDED.



WEBINAR ON "SCOPES IN CIVIL ENGINEERING":

THE ICI STUDENTS CHAPTER AND IIC, DEPARTMENT OF CIVIL ENGINEERING, HOSTED A WEBINAR ON "SCOPES IN CIVIL ENGINEERING" THROUGH GOOGLE MEET FOR THE FIRST YEAR B.E. CIVIL ENGINEERING STUDENTS ON 13TH JULY 2022. THE GUEST SPEAKER FOR THE EVENT WAS ER. M. ELANTHENDRAL, TECHNICAL SERVICES MANAGER, ACC LTD.

THE KEY HIGHLIGHTS WERE

- IMPORTANCE OF CIVIL ENGINEERING
- ENGINEERING SKILLS
- CAREER OPTIONS
- SCOPES IN CIVIL ENGINEERING

The image displays four screenshots from a Google Meet webinar. The top-left screenshot is a promotional poster for the webinar, featuring logos for Sri Krishna College of Engineering and Technology, Indian Concrete Institute (ICI) - Students Chapter, and Institution's Innovation Council. The poster text includes the date and time: "Date: 13-07-2022 Time: 11.00 AM". The top-right screenshot shows a slide with the quote "Engineers are important, because without them society doesn't really function" and a photo of a group of people. The bottom-left screenshot shows a slide titled "Engineering skills" with a list of skills: "Problem solving", "Designing", "Calculating", "Team work", "Attention", "Applying science to the real world", and "Building". The bottom-right screenshot shows a slide titled "ACC Who does this?" with the sub-heading "ENVIRONMENTAL ENGINEERS" and several small images of people working in various settings.

GUEST LECTURE:

GUEST LECTURE ON "TRANSPORT DEMAND MANAGEMENT - HOW TO REDUCE CONGESTIONS AND MAKE THE TRANSPORT SYSTEM MORE EFFICIENT"

CIVIL ENGINEERING ASSOCIATION AND IIC, DEPARTMENT OF CIVIL ENGINEERING ORGANIZED A GUEST LECTURE ON "TRANSPORT DEMAND MANAGEMENT - HOW TO REDUCE CONGESTIONS AND MAKE THE TRANSPORT SYSTEM MORE EFFICIENT" ON 30TH AUGUST 2022. THE RESOURCE PERSON WAS DR. ANDREAS RAU, FACULTY HEAD AND PRINCIPAL INVESTIGATOR, TECHNICAL UNIVERSITY OF MUNICH ASIA, SINGAPORE.

SESSION TAKEAWAYS:

- GENERATION OF TRAFFIC
- TRANSPORT DEMAND MANAGEMENT
- PUSH AND PULL APPROACH
- LAND USE AND TRANSPORT MASTER PLAN 2040 SINGAPORE
- PARKING SCHEME IN SINGAPORE.



WORKSHOP:

WORKSHOP ON "DESIGN THINKING AND BUILDING DESIGN PROCESS"

ICI STUDENTS CHAPTER AND IIC OF DEPARTMENT OF CIVIL ENGINEERING, IN ASSOCIATION WITH CAD CENTRE, COIMBATORE ORGANIZED AN ONE DAY WORKSHOP ON "DESIGN THINKING AND BUILDING DESIGN PROCESS" FOR THE THIRD YEAR STUDENTS. THE SESSION WAS HANDLED BY RESOURCE PERSONS FROM CAD CENTRE:

1. MR. MIDHUN MENON, AEC LEADER, CIVIL HEAD



TUTOR WARD MEETING:

TUTOR WARD MEETING FOR THE 4TH YEAR STUDENTS WAS CONDUCTED ON 10TH AUGUST 2022 BY DR. R. CHANDRA DEVI. THE FOLLOWING POINTERS WERE DISCUSSED IN THE MEETING

- **PLACEMENT CLASS AND TESTS**
- **CLASSES AND LABS FOR THE CURRENT SEMESTER**
- **ATTENDANCE PERCENTAGE**
- **PARTICIPATION IN NATIONAL COMPETITIONS**
- **GENERAL ISSUES**



ALUMNI REUNION MEET :

THE 2012 – 16 BATCH VISITED THE COLLEGE CAMPUS FOR A REUNION ON 13TH AUGUST 2022. THE STUDENTS HAPPILY EXPRESSED THEIR MEMORIES IN SKCET AND ALSO TALKED ABOUT HOW THEIR LIFE CHANGED AFTER COLLEGE.



CHIEF PATRON:

**SMT. S. MALARVIZHI,
CHAIRPERSON AND MANAGING TRUSTEE,
SRI KRISHNA INSTITUTIONS.**

PATRON:

**DR. K. SUNDARAMAN,
CEO,
SRI KRISHNA INSTITUTIONS.**

FACULTY EDITOR:

**DR. D. MARUTHACHALAM,
HOD/CIVIL ENGINEERING,
MR. R. VIGHNESH,
ASSISTANT PROFESSOR CIVIL ENGINEERING,**

CO-PATRON:

**DR. J. JANET,
PRINCIPAL, SKCET.**

STUDENT EDITOR :

MR.H.SUJAN.

