

| S No | year | Name of the event organized | Funding Agency | Title | Number of Participants | Amount in Rs. | Keynote Speaker |
|------|---------|-----------------------------|----------------|--|------------------------|---------------|--|
| 1. | 2023-24 | FDP | Self Support | One Week Online Faculty Development Programme on Role of Green Technologies in Sustainable Development | 58 | - | Dr. L. K. Rex Professor/Civil Meenakshi College of Engineering - Chennai, Mr. J.Janakiraman Technical Associate, AECOM(General Consultant of Kochi Water Metro Project), Mrs. P. Padmapoorani Assistant Engineer SPM Constructions and Real Estate (P) LTD Erode, Mr. K. Santhoshkumar, Assistant Professor, Department of Agricultural Engineering, Sri Shanmuga College of Engineering and Technology-Salem, Mr. K. Neetha Delphin Mary, Assistant Professor, Department of Civil Engineering, Salem College of Engineering and Technology, Salem. |
| 2. | 2023-24 | National Conference | Self Support | Eleventh National Conference on “Trendy and Sustainable Development in Civil Engineering” NCTSDCE 2024 | 106 | - | Dr. G S Thirugnanam Professor of Civil Engineering Builders Engineering College Kangayam. |

K.S.R COLLEGE OF ENGINEERING, TIRUCHENGODE
(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University,
Chennai.

ORGANIZED BY

DEPARTMENT OF CIVIL ENGINEERING

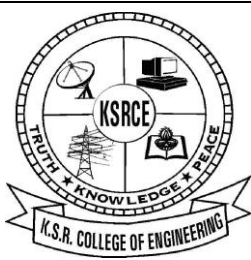
FACULTY DEVELOPMENT PROGRAMME

Academic Year: 2023– 2024

TITLE

One Week Online Faculty Development Programme on Role of
Green Technologies in Sustainable Development

DATE: 10-05-2024 TO 16-05-2024




**K.S.R. COLLEGE OF ENGINEERING: TIRUCHENGODE – 637 215
(Autonomous)**

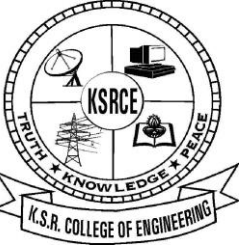
Event Schedule

| | | |
|---|--|--|
| 1 | Name of the Event (Seminar/Workshop/Conference/FDP/Any other) | Faculty Development Programme |
| 2 | Name of the Department | Civil Engineering |
| 3 | Date of the Event | 10-05-2024 TO 16-05-2024 |
| 4 | Venue | Google Meet |
| 5 | Title of the Event | One Week Online Faculty Development Programme on Role of Green Technologies in Sustainable Development |
| 6 | Name of the Co-ordinators | Dr.V.Revathi Prof and Head Dr. S. Senthilkumar, Prof Dr. M.Muralimohan, ASP |
| 7 | Total Participants | 58 |
| 8 | Objectives of the Event | The main goal of the event was to bring together students, professors, scientists, practicing engineers, and industry experts to discuss about novel innovations, new and innovative ways of doing research, and a wide range of other topics related to the Role of Green Technologies in Sustainable Development |

N. N
CO-ORDINATOR

Revathi
HoD/CIVIL


PRINCIPAL



**K.S.R. COLLEGE OF ENGINEERING: TIRUCHENGODE – 637 215
(Autonomous)**

One Week Online Faculty Development Programme on Role of Green Technologies in Sustainable Development

Date: 10-05-2024 TO 16-05-2024

EVENT REPORT

The One Week Online Faculty Development Programme (FDP) on the Role of Green Technologies in Sustainable Development was successfully organized from May 10, 2024, to May 16, 2024. The objective of the program was to provide faculty members with in-depth knowledge about sustainable green technologies and their role in addressing global environmental challenges. The event brought together experts, researchers, and academicians from various institutions to discuss the latest developments in green technologies.

- To highlight the role of green technologies in sustainable development.
- To explore the latest trends and advancements in green technologies.
- To promote eco-friendly practices in teaching, research, and professional activities.
- To encourage collaboration between academia and industries for greener solutions.

1. Green Energy Solutions

Speaker: Dr. L. K. Rex, Professor of Civil Engineering, Meenakshi College of Engineering, Chennai. This session explored renewable energy sources such as solar and wind power, and how they are essential for reducing reliance on fossil fuels and mitigating climate change.

2.Sustainable Urban Transportation: Insights from Kochi Water Metro Project

Speaker: Mr. J. Janakiraman, Technical Associate, AECOM (General Consultant of Kochi Water Metro Project) Mr. Janakiraman discussed the development of sustainable public transport systems, focusing on the Kochi Water Metro Project, and how it promotes eco-friendly urban mobility.

3.Sustainable Construction Practices

Speaker: Mrs. P. Padmapoorani, Assistant Engineer, SPM Constructions and Real Estate (P) Ltd., Erode. This session highlighted the use of green materials and eco-friendly construction techniques to minimize environmental impact while maintaining efficiency in real estate development.

4.Green Technologies in Agricultural Engineering

Speaker: Mr. K. Santhoshkumar, Assistant Professor, Department of Agricultural Engineering, Sri Shanmuga College of Engineering and Technology, Salem. Mr. Santhoshkumar's session focused on sustainable agricultural practices, including soil conservation, water management, and renewable energy use in farming.

5.Water Resource Management for Sustainable Development

Speaker: Mr. K. Neetha Delphin Mary, Assistant Professor, Department of Civil Engineering, Salem College of Engineering and Technology, Salem. This talk addressed water management technologies, emphasizing rainwater harvesting, sustainable irrigation, and the role of civil engineers in addressing water scarcity issues.

N. Neetha Delphin Mary
CO-ORDINATOR

Ruwanika
HoD/CIVIL

[Signature]
PRINCIPAL

Department of Civil Engineering Organizes One Week Online Faculty Development Programme on Role of Green Technologies in Sustainable Development



Convenor

DR. V. REVATHI
PROFESSOR & HEAD / CIVIL

COORDINATORS

DR. S. SENTHILKUMAR
PROFESSOR / CIVIL

DR. N. MURALIMOHAN
ASSOCIATE PROFESSOR / CIVIL



MAY 10, 2024
to
MAY 16, 2024



10:30 AM
Onwards

Register Amount: Rs. 200/-

Registration Link
<http://tiny.cc/ksrce-civil-fdp>

Scan QR Code to Register



4 QUALITY EDUCATION



6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



11 SUSTAINABLE CITIES AND COMMUNITIES



13 CLIMATE ACTION



15 LIFE ON LAND





Department of Civil Engineering

Cordially invite you for the Inauguration of

One-week online FDP

on

"Role of Green Technologies in Sustainable Development"

10 May 2024 @ 10.30 am

Theivathiru Lion. Dr. K.S. Rangasamy., MJF

Founder, K.S.R Educational Institutions

&

Thiru. R. Srinivasan, B.B.M., MISTE

Chairman, K.S.R Educational Institutions

Dr. P. Senthilkumar

Principal

K.S.R College of Engineering

will preside over the function

Chief Guest

Dr. L. K. Rex

Professor/Civil

Meenakshi College of Engineering-Chennai

Welcome address

Dr. V. Revathi

Prof & Head/Civil

K.S.R College of Engineering

Overview of FDP

Dr. S. Senthilkumar

Professor/Civil

K.S.R College of Engineering

Vote of Thanks

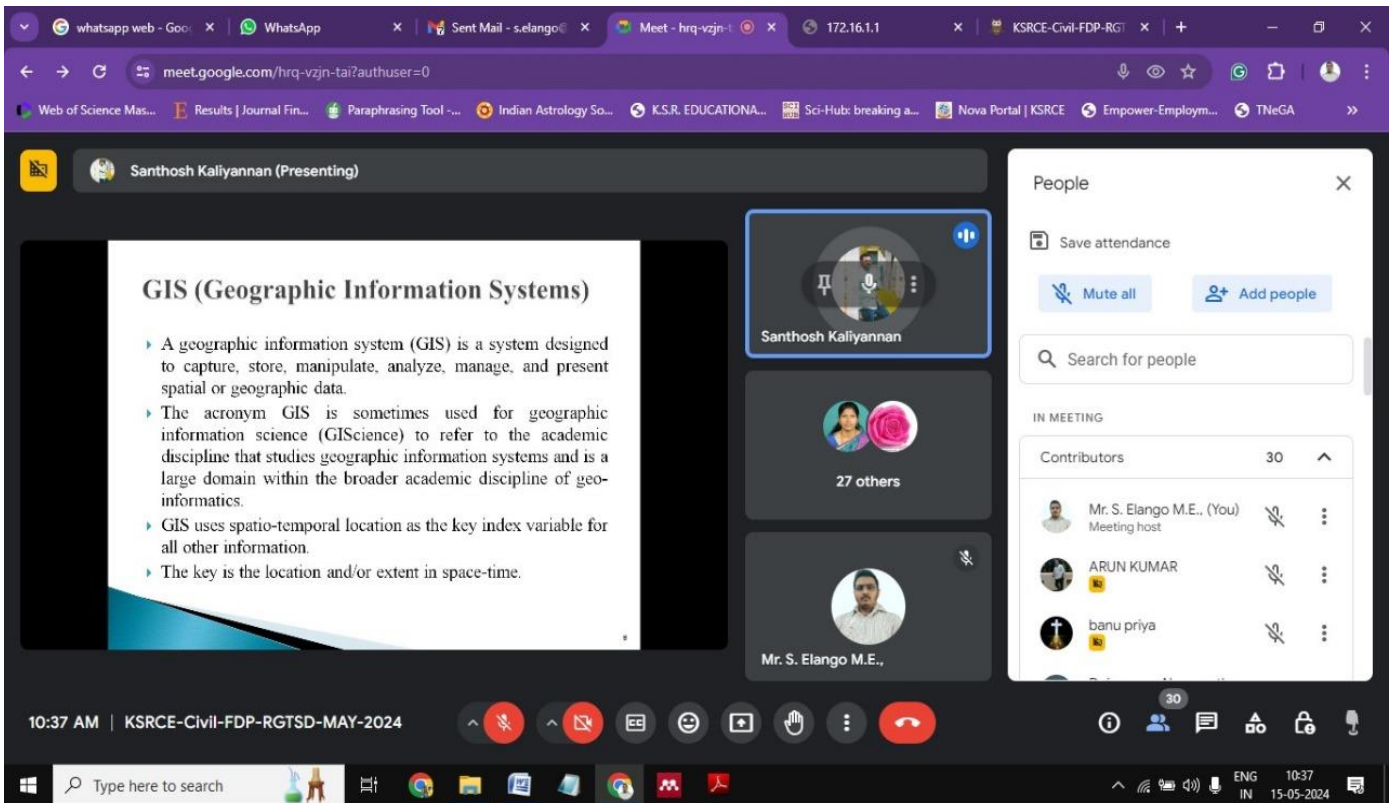
Dr. N. Muralimohan

Assoc. Prof/Civil

K.S.R College of Engineering

One Week Online Faculty Development Programme on Role of Green Technologies in Sustainable Development

Date: 10-05-2024 TO 16-05-2024

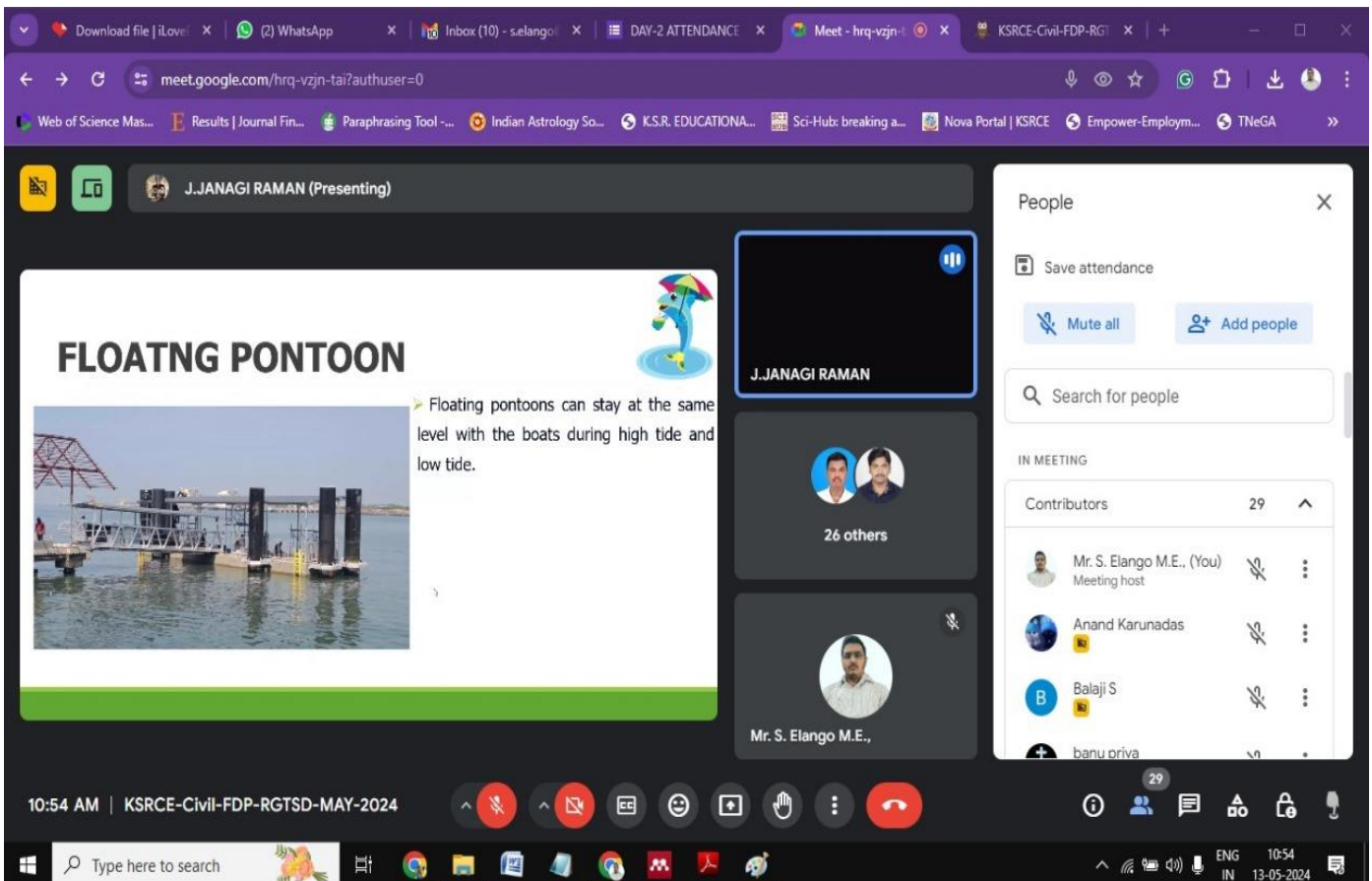


The screenshot shows a Google Meet interface during a presentation. The presenter is Santhosh Kaliyannan. The slide content is as follows:

GIS (Geographic Information Systems)

- ▶ A geographic information system (GIS) is a system designed to capture, store, manipulate, analyze, manage, and present spatial or geographic data.
- ▶ The acronym GIS is sometimes used for geographic information science (GIScience) to refer to the academic discipline that studies geographic information systems and is a large domain within the broader academic discipline of geoinformatics.
- ▶ GIS uses spatio-temporal location as the key index variable for all other information.
- ▶ The key is the location and/or extent in space-time.

The meeting controls at the bottom show the time as 10:37 AM and the session ID as KSRCE-Civil-FDP-RGTSD-MAY-2024. The taskbar at the bottom of the screen shows various open applications and system icons.



The screenshot shows a Google Meet interface during a presentation. The presenter is J.JANAGI RAMAN. The slide content is as follows:

FLOATNG PONTOON

Floating pontoons can stay at the same level with the boats during high tide and low tide.

The slide includes an image of a floating pontoon structure on water and a small cartoon illustration of a dolphin with an umbrella.

The meeting controls at the bottom show the time as 10:54 AM and the session ID as KSRCE-Civil-FDP-RGTSD-MAY-2024. The taskbar at the bottom of the screen shows various open applications and system icons.

One Week Online Faculty Development Programme on Role of Green Technologies in Sustainable Development

Date: 10-05-2024 TO 16-05-2024

The screenshot displays a Google Meet interface. At the top, the browser tabs include 'Download file | iLovePDF', '(4) WhatsApp', 'Inbox (10) - s.elango@ksrce', 'DAY-2 ATTENDANCE - Goog', and 'Meet - hrq-vzjn-tai'. The address bar shows 'meet.google.com/hrq-vzjn-tai?authuser=0'. The meeting title is 'J..JANAGI RAMAN (Presenting)'. A 'People' sidebar on the right lists participants: J..JANAGI RAMAN (Presenting), Murali Mohan, Mahesh B, Balaji S, thiru Views, and Kelita Samuel. The main content area shows a presentation slide with the title 'WHEN THE WATER METRO COMMENCED OPERATION' and a small graphic of a water tap with a globe. Below the title is a photograph of four men in white shirts standing on a stage. To the right of the photo, the text reads: 'The construction work started in 2018, and the first route between Vytilla and Kakkanad was inaugurated in February 2021 by State Chief Minister and the same was officially inaugurated and'.

One Week Online Faculty Development Programme on Role of Green Technologies in Sustainable Development

Date: 10-05-2024 TO 16-05-2024

REGISTRATION LIST

| S.no | Name of the faculty | Category | Institution Name | Email id |
|------|---------------------|---------------------|--|---------------------------------|
| 1 | E Suresh Kumar | Research Scholar | K S R College of Engineering | ersureshme@gmail.com |
| 2 | S.Mohan | Assistant Professor | Mahendra Engineering College (Autonomous) | mohaa072@gmail.com |
| 3 | Gowthaman | PG-Student | KSR College of Engineering | gowthaman78836@gmail.com |
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| 13 | C Daniel | Assistant Professor | Hindustan Institute of Technology and Science | danielckarunya@gmail.com |
| 14 | K Santhosh Kumaar | Assistant Professor | Sri Shanmugha College of Engineering and Technology | kumaar1991@gmail.com |
| 15 | L Kalaivani | Assistant Professor | Mookambigai College of Engineering | mcecivil2021@gmail.com |
| 16 | A.K Karthikeyan | Assistant Professor | Erode Sengunthar Engineering College | akkarthikeyanesec@gmail.com |
| 17 | R.M Muthuraman | Associate Professor | Erode Sengunthar Engineering College | dr.muthuraman1987@gmail.com |
| 18 | Dr.S.Arulmozhi | Associate Professor | Erode Sengunthar Engineering College | ARUL3345@gmail.com |

One Week Online Faculty Development Programme on Role of Green Technologies in Sustainable Development

Date: 10-05-2024 TO 16-05-2024

REGISTRATION LIST

| | | | | |
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| 19 | G Saravanan | PG-Student | KSR College of Engineering | saravanandeva003@gmail.com |
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| 21 | Dr P Muthupriya | Professor | Dr NGP Institute of Technology | hodcivil@drngpit.ac.in |
| 22 | Selvam Balakrishnan | Assistant Professor | RVS Technical Campus Coimbatore | Selvam573@gmail.com |
| 23 | Komathi Murugan | Assistant Professor | College of Engineering Guindy | komathimurugan@gmail.com |
| 24 | M Tamilselvam | Assistant Professor | Vinayaka Missions Kirupananda Variyar Engineering College | tamilselvam@vmkvec.edu.in |
| 25 | S Balaji | Assistant Professor | K S Rangaswamy Institute of Technology Tiruchengode | balajinivek@gmail.com |
| 26 | Dr. S Arun Kumar | Associate Professor | ST Thomas College of Engineering And Technology, Mattanur, Kannur. | arun.thriller89@gmail.com |
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| 29 | C Chella Gifta | Associate Professor | National Engineering College Kovilpatti | ccgcivil@nec.edu.in |
| 30 | Prajyot Jayvant Vharawadekar | Professor | K. P. Patil Institute of Technology Mudal | pvharawadekar98@gmail.com |
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| 32 | Aishwarya Balagurusamy | PG-Student | KSR College of Engineering | Aishwaryabalan2001@gmail.com |
| 33 | K Prakash | PG-Student | K.S.R COLLEGE OF ENGINEERING | Prakashmc17@gmail.com |
| 34 | H Gokulraj | PG-Student | KSR College of Engineering | goku1072000@gmail.com |
| 35 | S Gayathri | Assistant Professor | Nadar saraswathi college of engineering and technology | gayathri@nscet.org |
| 36 | Dr.A.Deiveegan | Assistant Professor | University College of Engineering, Thirukkuvilai | deiveegan.cdm@gmail.com |

One Week Online Faculty Development Programme on Role of Green Technologies in Sustainable Development

Date: 10-05-2024 TO 16-05-2024

REGISTRATION LIST

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| 37 | Er. K. Meenatchi | Assistant Professor | Krishnasamy College of Engineering and Technology | meenatchi02kannan@gmail.com |
| 38 | Jamenraja MCK | Research Scholar | Annamalai University | mckjamen93@gmail.com |
| 39 | Dineshkumar | Assistant Professor | Krishnasamy college of engineering and technology | dinesh.structures@gmail.com |
| 40 | P Senthilkumar | Assistant Professor | Freelancer | senthilkumarp.81@gmail.com |
| 41 | Mr.G Viswanathan | Assistant Professor | Novels banana College of Technology for Women | viswaramg@gmail.com |
| 42 | V Thirumurugan | Assistant Professor | Krishnasamy College of Engineering & Technology | vthirumurugan50@gmail.com |
| 43 | N R Banupriya | Assistant Professor | Krishnasamy College of Engineering and Technology | banupriya841991@gmail.com |
| 44 | V Nachiappan | PG-Student | ANNA University - Bit Campus | nachiappansirchabasan@gmail.com |
| 45 | N Radhakrishnan | Research Scholar | Mepco Schlenk Engineering college Sivakasi | radhakrishnan0893@gmail.com |
| 46 | P Sursh Kannan | Research Scholar | Mepco Schlenk Engineering College, Sivakasi | psureshkannan18@gmail.com |
| 47 | Prasanna Jenifer Golda.J | Research Scholar | Mepco Schlenk Engineering College, Sivakasi. | prasannajenifer@gmail.com |
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| 49 | A.Ramya | Research Scholar | Mepco schlenk engineering college, sivakasi | ramyaa@mepcoeng.ac.in |
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| 52 | J Janagiraman | PG-Student | KSR College of Engineering | j.janagiraman@gmail.com |
| 53 | S Eunice | Assistant Professor | Mookambigai College of Engineering | eunicesamuel2603@gmail.com |

One Week Online Faculty Development Programme on Role of Green Technologies in Sustainable Development

Date: 10-05-2024 TO 16-05-2024

REGISTRATION LIST

| | | | | |
|----|-----------------|---------------------|---|------------------------------|
| 54 | S Prabakaran | Assistant Professor | K.S.Rangasamy College of Arts and science | prabakara15290@gmail.com |
| 55 | Dr. K. Prasanna | Associate Professor | SRM Institute of science and technology | prasannk@srmist.edu.in |
| 56 | P.Saswin | Research Scholar | K.S R College of Engineering | saswinsh@gmail.com |
| 57 | V.Subramanian | Research Scholar | K.S.R.College Of Engineering | Subramanian.ksrphd@gmail.com |
| 58 | Samuel James | Assistant Professor | Hindustan Institute of Technology & Science | florianriq@gmail.com |



The Institution of
Green Engineers

4 QUALITY EDUCATION



6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



11 SUSTAINABLE CITIES AND COMMUNITIES



13 CLIMATE ACTION



15 LIFE ON LAND



Department of Civil Engineering

Certificate

This Certificate is presented to


Mr. K. Selvakumar

Assistant Professor / Civil Engineering

K S R College of Engineering

for participated in one week Faculty Development Programme on,
“Role of Green Technologies in Sustainable Development”
through virtual mode organized by the Department of Civil
Engineering, K. S. R. College of Engineering, Tiruchengode from
May 10, 2024 to May16, 2024.


Coordinator


Organizer


HoD


Principal

K.S.R COLLEGE OF ENGINEERING, TIRUCHENGODE
(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University,
Chennai.

ORGANIZED BY

DEPARTMENT OF CIVIL ENGINEERING

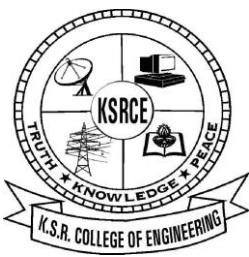
National Conference

Academic Year: 2023– 2024

TITLE

Eleventh National Conference on “Trendy and Sustainable
Development in Civil Engineering” NCTSDCE 2024

DATE: 26.04.2024




**K.S.R. COLLEGE OF ENGINEERING: TIRUCHENGODE – 637 215
(Autonomous)**

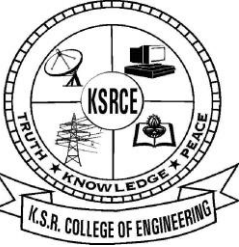
Event Schedule

| | | |
|---|--|--|
| 1 | Name of the Event (Seminar/Workshop/Conference/FDP/Any other) | National Conference |
| 2 | Name of the Department | Civil Engineering |
| 3 | Date of the Event | 26.04.2024 |
| 4 | Venue | Edison Hall, KSRCE |
| 5 | Title of the Event | Eleventh National Conference on “Trendy and Sustainable Development in Civil Engineering” NCTSDCE 2024 |
| 6 | Name of the Co-ordinators | Dr.V.Revathi Prof and Head Dr. S. Senthilkumar, Prof Dr.P.Prasanthni, AP Mr.S.Saravanaganesh, AP |
| 7 | Total Participants | 106 |
| 8 | Objectives of the Event | The main goal of the event was to bring together students, professors, scientists, practicing engineers, and industry experts to discuss novel innovations, new approaches to conducting research, and a wide range of topics related to the Eleventh National Conference on 'Trendy and Sustainable Development in Civil Engineering' (NCTSDCE 2024). |


CO-ORDINATOR


HOD/CIVIL


PRINCIPAL



**K.S.R. COLLEGE OF ENGINEERING: TIRUCHENGODE – 637 215
(Autonomous)**

**Eleventh National Conference on “Trendy and Sustainable Development in Civil
Engineering” NCTSDCE 2024**

Date: 26.04.2024

EVENT REPORT

The **Eleventh National Conference on “Trendy and Sustainable Development in Civil Engineering” (NCTSDCE-24)** has been highly recognized by the civil engineering community, as demonstrated by the large 32 number of papers received in the following areas:

- Concrete Structures
- Concrete Technology
- Construction Management
- Earthquake Engineering
- Innovative Construction Materials
- Pavement Engineering
- Soil and Foundation Engineering
- Steel and Composite Constructions
- Maintenance & Rehabilitation of Structures
- Sustainable Construction & Building
- Waste-to-Energy Options
- Water Resource Management
- Disaster Mitigation and Management
- Remote Sensing and GIS Applications
- Application of Nano Materials in Civil Engineering
- Other topics related to Civil Engineering

Approximately thirty papers have been included in the conference proceedings. It is anticipated that this conference will provide a valuable platform for academicians, research scholars, engineers, and industry professionals to exchange their views, knowledge, and ideas regarding the latest developments in civil engineering.

The organizing committee sincerely acknowledges the timely contributions of technical papers from authors across various academic institutions, research and development organizations, and industries, covering the detailed aspects of the conference.


CO-ORDINATOR


HoD/CIVIL


PRINCIPAL



Department of Civil Engineering

Cordially invites you all for the

Eleventh National Conference on “Trendy and Sustainable Development in Civil Engineering”

NCTSDCE 2024

Thiru.R.SRINIVASAN,B.B.M, MISTE

Chairman, K.S.R. Educational Institutions

Will kindly consented to deliver the Felicitation Address

Dr.P.Senthilkumar

PRINCIPAL

K.S.R. College of Engineering

has kindly consented to preside over the function

Chief Guest

Dr. G S Thirugnanam

Professor of Civil Engineering

Builders Engineering College

Kangayam

In association with



Edison Hall



26.04.2024



09.30 am



ksrceofficial

#Weloveksr

AGENDA

- **Prayer Song**
- **Lighting of Lamp**
- **Welcome Address**
- **Principal Address**
- **Releasing of Souvenir**
- **Chief guest Address**
- **Vote of thanks**

About the Institution

K.S.R. College of Engineering was established in the year 2001 by Aarthi Educational and Charitable Trust, approved by AICTE, New Delhi and affiliated to Anna University. This college is an NAAC (A++ Grade) Accredited & ISO 9001-2008 certified institution and offers 10 U.G. programmes and 9 P.G. programmes and 8 Research Programmes

The college is situated on the Erode-Tiruchengode state highway 8 km from Tiruchengode and 12 km from Erode railway junction. The college is located in a sprawling campus of about 350 acres in the serene, cool shades of coconut trees among the 16 K.S.R. Groups of Institutions. The college has excellent infrastructure, well-equipped laboratories, and computerized library with access to many National & International journals.

About the Department

The Department of Civil Engineering was started in the year 2002 with a goal to be the centre of excellence for the development and dissemination of knowledge in Structural, Construction, Water Resources and Management, Transportation, Environmental, Urban, Geotechnical, Remote Sensing & GIS and its applications for the society. Students from our department have proved to be meritorious and our faculty has been regularly presenting papers in journals and conferences.

The department also offers M.E. in Structural Engineering and Construction Engineering & Management at P.G level. Furthermore, this department is a Research Centre approved by Anna University. This department has bagged "Two times Accreditation" from NBA, New Delhi.

ORGANIZING COMMITTEE

Chief Patrons:

Mr. R. Srinivasan,
Chairman,
K.S.R. Educational Institutions.

Dr. Akila Muthuramalingam,
Chief Executive Officer,
K.S.R. Educational Institutions.

Patron:

Dr. P. SenthilKumar, Ph.D (IITM),
Principal,
K.S.R College of Engineering,
Tiruchengode.

Convener:

Dr. V. Revathi,
Professor and Head,
Department of Civil Engineering,
K.S.R College of Engineering,
Tiruchengode.

Co - Convener:

Dr. S. Senthilkumar,
Professor,
Department of Civil Engineering,
K.S.R College of Engineering,
Tiruchengode.

Organizing Secretaries:

Dr. P. Prasanthni, AP/Civil
Mr.S.Saravanaganesh, AP/Civil

Members:

Faculty of Civil Engineering



Department of Civil Engineering

Organizes

**Eleventh National
Conference on "Trendy and
Sustainable Development in
Civil Engineering"**

NCTSDCE 2024

26th April 2024

In association with



About the Conference

The conference covers state-of-the-art of the Trendy & Sustainable Development in the field of Structural, Material, Transportation Engineering, Water Resource Engineering and Management, Geotechnical Engineering Construction Engineering Design, Experiment and Construction Regulations and other Civil Engineering related discipline. The conference offers opportunities to research scholars, postgraduate students and industrialists to share innovative ideas related to the field of Civil Engineering.

Call for Papers

- Concrete Structures
- Concrete Technology
- Construction Management
- Earthquake Engineering Innovative Construction Material
- Pavement Engineering
- Soil and Foundation Engineering
- Steel and Composite Constructions
- Maintenance & Rehabilitation of Structures
- Sustainable Construction & building
- Water Resource Management
- Disaster mitigation and management
- Remote sensing and GIS applications
- Application of Nano materials in CE
- Other topics related to Civil Engineering

Guidelines to Authors

- The authors are requested to submit the full paper in MS Word not exceeding 6 pages to the E-mail: nctsdce24@gmail.com
- **Paper Format:** Paper should be in A4 size of Times New Roman font 10 pts, with margins of Top & Bottom 12 mm, Left & Right 15 mm with single line spacing.
- First page should include the title of the paper (14 pts), Name of the author, their affiliation, Contact no and their E-mail ID (10 pts), Abstract: Bold (9 pts). Sub headings: Italic (10 pts).
- The Paper must be original and unpublished

Mode of Conference

The conference will be organized in the hybrid mode. Link details will be shared through Email for the accepted papers.

All the accepted and presented papers will be published in Conference Proceedings with ISBN No.

Online Registration Link



For Queries:

Dr.P.Prasanthni - 7373033313

Mr.S.Saravanaganesh - 9894723953

Registration Fee

Students : Rs.1000/-

Academicians/Research Scholars : Rs.1500/-

Mode of Payment by DD/NEFT/Online

For Online Payment

Account Name : Civil Engineering - KSRCE

Account No. : 231801000009233

Bank : Indian Overseas Bank

IFSC Code : IOBA0002318

Branch : T.Goundampalayam, Tiruchengode

MICR Code : 638020030

Important Dates to Remember

Submission of full length paper : 28.03.2024

Intimation of acceptance : 05.04.2024

Last date for registration : 15.04.2024

Contact Address

Dr.V.Revathi,

Professor and Head

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K.S.R College of Engineering,

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Website: www.ksrce.ac.in

Eleventh National Conference on "Trendy and Sustainable Development in Civil Engineering" NCTSDCE 2024
Date: 26.04.2024



Tiruchengode, Tamil Nadu, India
9R5G+2VH, Tiruchengode, Tamil Nadu 637215, India
Lat 11.357857°
Long 77.827113°
26/04/24 09:50 AM GMT +05:30



Namakkal, Tamil Nadu, India
KSR Institute Rd, Tamil Nadu 637215, India
Lat 11.358187°
Long 77.826758°
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Eleventh National Conference on "Trendy and Sustainable Development in Civil Engineering" NCTSDCE 2024
Date: 26.04.2024





DEPARTMENT OF CIVIL ENGINEERING

Organizes

Eleventh National Conference

on

“Trendy and Sustainable Development in Civil Engineering”

26th April 2024

Venue: Edison Hall, Mercury Block

Google Meet Link: meet.google.com/xiu-kjgw-jes

Chair Person: Dr S.Senthilkumar, Professor/Civil
Dr.M.Gunasekaran, Associate Professor

| S.NO | Paper ID | Title of the paper | Author | College Name | Timings |
|------|-----------|--|--|--|---------------------|
| 1 | NCTSDCE01 | Mechanical Behaviour of Concrete by Replacing Fine Aggregate with Foundry Sand Including Glass Fibre | S.C.Sarath Kumar, C.Karthik, C.Pranesh, S.Suresh | Vellalar College of Engineering, Erode | 10.00 am - 10.15 am |
| 2 | NCTSDCE30 | Development of Pervious Concrete | Tanvi More, Rutika Mayeka , Sakshi Ujal, Suyash Kapadi , Jessly Rajan | Datta Meghe College of Engineering, Mumbai | 10.15 am - 10.30 am |
| 3 | NCTSDCE02 | An Experimental Investigation on Partial Replacement of Fine Aggregate by Granite Waste in Concrete | V.S.Prawinraaj, R.Sakthivel, S.Dineshkumar , K.Selvakumar | KSRCE | 10.30 am - 10.45 am |
| 4 | NCTSDCE03 | Experimental Investigation on Bituminous Mix by Using Mineral Admixtures | S.Elango, S.Aswinn, V.Pradeepkumar, M.Thangamuthu, Ranganathan.B | KSRCE | 10.45 am - 11.00 am |
| 5 | NCTSDCE04 | Experimental Studies on Flowable Flyash-GGBS Bricks | M.Santhoshkumar,A.Vikas h,R.Gowrisankar, V.Revathi | KSRCE | 11.00 am - 11.15 am |
| 6 | NCTSDCE05 | Experimental Study of Partial Replacement of Steel Slag with Fine Aggregate in Concrete Mixture | Srivigneshwar S.R, Kishore R , Sattar M , Subash Chandra bose P, A. Alex Rajesh | KSRCE | 11.15 am - 11.30 am |
| 7 | NCTSDCE06 | Performance of GGBS And Rice Husk Ash In Geopolymer Concrete | M. TAMILARASAN, S.Nitheshkumar , Karan Hembram, S. Dineshkumar, V. Revathi | KSRCE | 11.30 am - 11.45 am |

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|---|------------------|---|--|-------|------------------------|
| 8 | <i>NSTSDCE07</i> | An Empirical Research on Discarded Materials In Bituminous Concrete Mix | Gurumoorthi.M, Kanishk.N.R, Yogesh.C, S. Elango, S. Senthilkumar | KSRCE | 11.45 am - 12.00 pm |
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DEPARTMENT OF CIVIL ENGINEERING

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Eleventh National Conference
on
“Trendy and Sustainable Development in Civil Engineering”
26th April 2024

Venue: Civil Department Meeting Hall, Venus Block

Google Meet Link: meet.google.com/jtb-tjtn-ucs

Chair Person: Dr.N.Muralimohan, Associate Professor/Civil
Mr.S.Elango, Assistant Professor/Civil

| S.NO | Paper ID | Title of the paper | Author | College Name | Timings |
|------|-----------|--|--|---|------------------------|
| 1 | NCTSDCE28 | Prosperity of Construction and Demolition Waste in Construction Industry | Ruchi Rane, Shubham Patil, Kalpesh Rajput, Saheel Tambikar, B. Manjula Devi | Datta Meghe College of Engineering, Mumbai | 10.00 am - 10.15 am |
| 2 | NCTSDCE29 | Road Safety Audit: Route Observation survey (Kalamboli Circle to KLE College, Navi Mumbai) | Kirti Khedekar Sakshi bhoier, B.Manjuladevi | Datta Meghe College of Engineering, Mumbai | 10.15 am - 10.30 am |
| 3 | NCTSDCE08 | An Empirical Research on Ferruginous Quartz Fine Aggregate in Flexible Pavement | J.Sudharsan, R.Sugan, R.Suman, M.K.Yaswin, G.Saravanan, S.Elango, R.Babu | KSRCE | 10.30 am - 10.45 am |
| 4 | NCTSDCE09 | Quality Study On Post Tensioning Slab In Tidal Park | S.Krishnakumar, V.Revathi | KSRCE | 10.45 am - 11.00 am |
| 5 | NCTSDCE10 | Experimental Investigation on light Weight Geopolymer Solid Blocks with GGBS and RHA | V.Mukenth, M. Manimaran, M.D.Kavinkumar, T.Vijayashankar, V.Revathi | KSRCE | 11.00 am - 11.15 am |
| 6 | NCTSDCE11 | Impact of Light Pollution Over Urban Expansion In Erode City | R.Kavin, M.Kishoth, R.Bharathraj, N.Muralimohan, P.Sudha | KSRCE | 11.15 am - 11.30 am |
| 7 | NCTSDCE12 | Structural Performance of a concrete beam reinforced | Balasarathi J, Santhosh E, Dineshkumar R, Prsasanthni P | KSRCE | 11.30 am - 11.45 am |

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|---|------------------|---|---|-------|------------------------|
| | | with a combination of Steel and Polyvinyl Alcohol Fibers | | | |
| 8 | <i>NCTSDCE13</i> | Utilizing Bottom Ash in Geopolymer Mortar: A Sustainable Approach | Sathishkumar A, Jayasurya G, Aravindkumar p Kavinraj K Saravanaganesh S, Revathi V | KSRCE | 11.45 am - 12.00 pm |



DEPARTMENT OF CIVIL ENGINEERING

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Eleventh National Conference

on

“Trendy and Sustainable Development in Civil Engineering”

26th April 2024

Venue: Civil Department Cadd Lab, Venus Block

Chair Person: Dr P.Sudha, Professor/Civil
Mr.T.Vijayashankar, Assistant Professor/Civil

| <i>S.NO</i> | <i>Paper ID</i> | <i>Title of the paper</i> | <i>Author</i> | <i>College Name</i> | <i>Timings</i> |
|-------------|-----------------|---|--|---------------------|------------------------|
| 1 | NCTSDCE30 | Improving Safe Bearing Capacity of Soil by adding Silicates of Soda and Calcium Chlorides | Hariharan. T Harish Rahaw.M, Santhosh. K, Vinothkumar. M R. Gowrishankar | VSBECE, Karur | 10.00 am - 10.15 am |
| 2 | NCTSDCE31 | Effective Utilization of Feather adding in concrete | Harish kumar M, Karan kumar R, Sri surya A, Vasanth S, R. Gowrishankar | VSBECE, Karur | 10.15 am - 10.30 am |
| 3 | NCTSDCE14 | Experimental Investigation of Geopolymer Concrete incorporating Bottom Ash | Keerthevarman M, Saravanaganesh S, Revathi V | KSRCE | 10.30 am - 10.45 am |
| 4 | NCTSDCE15 | Investigation on the Effects of E-Plastic on the Workability and Performance of Concrete Mixtures | Karthick M, Vijayashankar T, Thomas Eucharist A, V.Revathi | KSRCE | 10.45 am - 11.00 am |
| 5 | NCTSDCE16 | Administration of Risk Extraction from Interruptions and Cost Excess | Prakash. K, S. Senthilkumar, S. Elango | KSRCE | 11.00 am - 11.15 am |
| 6 | NCTSDCE17 | Structural Behaviour of Light Weight Concrete by using Glass FRP Rod | R.Dhanush, K.Dheenu, V.Santhosh, M.Gunasekaran, P.Saswin | KSRCE | 11.15 am - 11.30 am |
| 7 | NCTSDCE18 | Experimental study on Geopolymer using Flyash | N.Mukesh kumar, V.Pravinkumar, T.Jawaharnath, D.Kanagaraj | KSRCE | 11.30 am - 11.45 am |
| 8 | NCTSDCE19 | Experimental study on steel fibre reinforced composite slab using steel decking | V Jeevabarathi, S. Dineshkumar | KSRCE | 11.45 am - 12.00 pm |



DEPARTMENT OF CIVIL ENGINEERING

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Eleventh National Level Conference
on
“Trendy and Sustainable Development in Civil Engineering”
26th April 2024

Venue: Smart Class Room, Venus Block

Chair Person: Dr A.Alex Rajesh, Assistant Professor/Civil
Dr. P.Prasanthni, Assistant Professor/Civil

| <i>S.NO</i> | <i>Paper ID</i> | <i>Title of the paper</i> | <i>Author</i> | <i>College Name</i> | <i>Timings</i> |
|-------------|-----------------|--|--|---------------------|------------------------|
| 1 | NCTSDCE20 | Behaviour of Steel Fibre Reinforced Concrete using Expanded Clay aggregate | P. Gowtham, M.Gunasekaran | KSRCE | 10.00 am - 10.15 am |
| 2 | NCTSDCE21 | Experimental study of physical and durability factors of porous cement using GGBS admixtures | G.Gowthaman, A Alexrajesh | KSRCE | 10.15 am - 10.30 am |
| 3 | NCTSDCE22 | An Experimental Investigation on Exploring the Potential of Natural Additives in Self-Compacting Concrete | Y.Rajasekar, T.Vijayashankar, S.Renukadevi, T.Kavitha | KSRCE | 10.30 am - 10.45 am |
| 4 | NCTSDCE23 | Strength Property study on Concrete with M-Sand as fine aggregate incorporated with acrylic stable fiber | S.Kishore Kumar, P.Prasanthni | KSRCE | 10.45 am - 11.00 am |
| 5 | NCTSDCE24 | An Experimental study on Geopolymer Concrete | Ravishankar R, D.Kanagaraj, S.Elango | KSRCE | 11.00 am - 11.15 am |
| 6 | NCTSDCE25 | Performing Extensive strength testing on Flyash Bricks of diverse sizes | H.Gokulraj, S.Senthilkumar | KSRCE | 11.15 am - 11.30 am |
| 7 | NCTSDCE26 | Experimental Investigation of Plastic Bricks made from Waste Plastics | Sasikumar K, N.Muralimohan, P.Sudha, S.Elango | KSRCE | 11.30 am - 11.45 am |
| 8 | NCTSDCE27 | Investigation on Strength properties of Concrete as a Partial Replacement of Coarse Aggregate by Coconut Shell | S. Hari sankar, P.Sudha, N. Muralimohan | KSRCE | 11.45 am - 12.00 pm |

Certificate

This is to Certify that **Mr. S. C. Sarath Kumar, Assistant Professor, Velalar College of Engineering and Technology** has Presented a paper titled **Mechanical Behaviour of Concrete by Replacing Fine Aggregate with Foundry Sand Including Glass Fibre** in the Eleventh National Conference on **“Trendy and Sustainable Development in Civil Engineering”(NCTSDCE’24)** organized by Department of Civil Engineering, K.S.R College of Engineering, Tiruchengode on 26-04-2024.



Coordinator



Convener /HoD Civil



Principal