

Approved by AICTE, New Delhi Affiliated to Anna University, Chennai Recognized under 2(f) & 12B, UGC

## **Report on**

## International Conference on Sustainable Technologies in Engineering & Science (ICSTES'25) - 08th & 09th May, 2025

## Organized by **Center for Promotion of Research**

### Inauguration

ICSTES'25, Inaugural ceremony was initiated with prayer song. Dr J. Arputha Vijaya Selvi, Principal and Conference Chair, welcomed the gathering and she emphasized that, this kind of conference will provide the opportunity for the students' community as well as the participants to listen to the talk from eminent speakers followed by lighting of ceremonial lamp by the dignitaries. Dr. R. Rajendran, Secretary of the college honored the guests.



Dr. J. Arputha Vijaya Selvi, Principal delivering welcome address



**Dignitaries lighting the Lamp** 



**Dignitaries on the Dias** 



Dr. R. Rajendran, honoring Dr. B. Subramanian

Dr R. Rajendran, Secretary presided over the function and delivered the Presidential Address. In his presidential he described on Sustainable Development.



Dr. R. Rajendran delivering Presidential Address



A View of the participants

**Dr.G.Suganya**, CPR – Member introduced **Dr. S. Beer Mohamed**, Prof. & Head, Dept. of Material Science, Central University of Tamilnadu, Thiruvarur. The Inaugural Address was delivered by **Dr. S. Beer Mohamed**, in his address, he detailed about the Sustainable Development Goals.



Dr.G.Suganya, CPR – Member introducing the Chief Guest



Dr. S. Beer Mohamed delivering Inaugural Address

Dr. S. Sivakumar, Vice Principal offered felicitation. Hard copy of the Conference Proceedings was released by **Dr. S. Beer Mohamed** and received by **Dr. J. Arputha Vijaya Selvi Principal, Kings College of Engineering.** 



Dr. S. Sivakumar offering felicitation



**Release of Conference Proceedings** 

The Conference also featured an invited talk by **Dr. S. Beer Mohamed** on the title, **"Integration of Research with Sustainable Development Goals"** and an invited talk by **Dr. Satish Kumar Damodar**, Head of Academics, Kirirom Institute of Technology, Cambodia on the title, **"Sustainability Requirements among Rural Populations"**.



Invited Talk by Dr. S. Beer Mohamed



Invited Talk by Dr. Satish Kumar Damodar

Papers presentations were held in 6 different tracks; Track-1– Civil Engineering was chaired by **Dr. R. Saravanan & Mr.K.Arun**, Track-2 – Computer Science & Engineering was chaired by **Dr. J. Jayachitra & Dr. S.M. Uma**, Track-3 – Electronics & Communication Engineering was chaired by **Dr. A. Backiya Abinaya** & Mr.R.Balakrishnan, Track-4 – Electrical & Electronics Engineering was chaired by **Mr.Irainesan Durairaj Mr. R.Sundaramoorthi**. Track-5 – Mechanical Engineering was chaired by **Dr. I. Karthik Subramanian & Dr. T. Pushparaj** and Track-6 – Science & Humanities was chaired by **Dr. V. Sureshkumar & Dr.G. Shankarakalidoss.** 







Participant presenting their papers





Participant presenting their papers





Session Chair distributing certificates to the participants

S. No.	Details		Department						
			CE	CS	EC	EE	ME	S&H	Total
1	External participants	Research Scholars					01	01	02
2		Offline mode		03		01	01	03	08
3		Online mode	08	11	17	06	06	09	57
4	Internal	Students	06	18	16	10	12		62
5	participants	Staffs					13	09	22
Total Papers			14	32	33	17	33	22	151

Out of 211 papers received, 151 papers research articles were presented by the students, research scholars and faculty members from various reputed Institutions across India. In the valedictory function, **Dr. P.P. Shantharaman**, Convenor, presented the Conference Summary to the audience and distributed the Conference Certificates to the delegates. **Dr.S.Udayakumar**, Assoc. Prof. / Department of S&H, proposed the vote of thanks to all the participants.

3/6/25

5.1003/6

**Conference** Chair

#### Advisory Committee

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- Dr. Alokesh Pramanik, Curtin University, Perth, Australia.
- Dr. Aramudhan M, PKIET, Karaikal. Dr. Harigovindan V P, National Institute of Technology, Karaikal
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- Dr. Karuppanan P, Motilal Nehru National Institute of Technolo Dr. Krishna Kumar S, Defence Research & Development Organi
- Dr. Latha Mercy E, Government College of Technology, Coimba Dr. Parthasarathi N.L., IGCAR, KalpakkamDr. Raja P, National Inst
- Dr. SavedBateni, University of Hawaii at Manoa, United States
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- Dr. Shishay Amare Gebremeskel, Ethiopian Institute of Tech., -Mekelle, Ethiopia. Dr. Suganthi S, CHRIST University, Bangalore.
- Dr. Sundaravadivazhagan B, Al Musanna College of Technology, Sultanate of Oman. Dr. Vasu V, NIT, Warangal, Telangana.
- Dr. Venkatakirthiga M, National Institute of Technology, Trichy. Dr. YadetaChimdesa, Adama Science and Technology University, Ethiopia.
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- Dr. Anbazhagan N, Alagappa University, Karaikudi. Dr. Arockiarajan A, Indian Institute of Technology, Chenn
- Dr. Arunachalam S, University of Technology and Applied Sciences, Oman
- Dr. Jayasankar T, Anna University, BIT Campus, Tiruchirappalli Dr. Kumaravelan G, Pondicherry University, Puducherry.
- Dr. Malathy M, VeltechHightech Engineering College, Chennai Dr. Manjula R, National Institute of Technology, Trichy.
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- Dr. Prabu K, National Institute of Technology Karnataka. Dr. Rajkumar K, Saranathan College of Engineering, Tiruchirappalli Dr. Sakthivel V, National Institute of Technology Calicut.
- Dr. Senthilkumar S, National Institute of Technology, Trichy. Dr. Shankar K, Adama Science & Technology University, Adama, Ethiopia.
- Dr. Sivaraja M, Nehru Institute of Technology, Coimbat Dr. Subramanian B, CSIR-CERI, Karaikudi.

## Dr. Theivarasu C, PSG College of Technology, Coimbatore. Dr. Thiagarajan Y, Christ College of Engineering & Technology, Puducherry.



Address for Communication Dr. P2 Standard Reference / Mechanical, ICSTES-2025 Dr. P2 Standard Reference / Mechanical, ICSTES-2025 Produktorist Dr. = 613 203, India icontece2023@gmail.com www.kingsengg.edu.in +91 99448 76544

#### About the Institution

Kings College of Engineering (Autonomous) is an institution which was formed with the single aim of providing quality education to the poor and underprivileged students. KCE is a NAAC accredited institution approved by All India Council of Technical Education, New Delhi (AICTE) and is affiliated to Anna University, Chennai. The institution was established in the year 2001 on a sprawling campus of around 48 acres on the Thanjavur-Pudukkottai Highway and run by Raj Educational Trust (RET), Chennai. The institution offers seven U.G and four P.G programmes. The state of the art teaching methodologies are used to impart high quality education to the students. It also offers Ph.D. Programmes in ECE and Mechanical Engineering disciplines.

#### About the Conference

The International Conference on Sustainable Technologies in Engineering and Science (ICSTES-2025) aims to bring together academic communities, researchers and scientists to exchange information, experiences and research results on all aspects of specialized and interdisciplinary areas. The conference provides an opportunity for everyone to network, exchange ideas and present their research to the international community.

#### **Conference Topics**

Artificial Intelligence and Machine Learning **Cyber Security** Data Science & Cloud Computing **Developments in Civil Engineering** Education, Online education - eLearning **Electronics & IoT Energy Sources Environmental Sustainability** Information & Communication Technologies Materials & Manufacturing Processes **Power Systems & Power Electronics Robotics & Mechatronics** Science & Mathematics Sustainable Development in Construction



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Kings College of Engineering (Autonomous) Punalkulam, Near Thaniavur, Pudukkottai District - 613 303 Tamil Nadu, India

Organizing Committee	Steering Committee	Coordinators			
Patron	Dr.R.Saravanan,	Mr. D. Nandhakumar,			
Dr. R. Rajendran,	Head, Dept. of Civil.	Dept. of Civil			
Secretary.	Dr. S.M. Uma,	Ms. S.Abikayil Aarthi,			
<b>Conference Chair</b>	Head, Dept. of CSE	Dept. of CSE			
Dr.J. Arputha Vijaya Selvi,	Mrs. N. Mangaiyarkarasi,	Dr. A. Herald,			
Principal.	Head, Dept. of ECE	Dept. of ECE			
<b>Publication Chair</b>	Mr. R. Sundaramoorthi,	Dr. G. Suganya,			
Dr. S. Sivakumar,	Head, Dept. of EEE	Dept. of EEE			
Vice Principal.	Dr. T. Pushparaj,	Dr. S. Sabanayagam,			
Convener	Head, Dept. of Mech.	Dept. of Mech.			
Dr. P.P. Shantharaman,	Dr. V. Suresh Kumar,	Dr. S. Udhayakumar,			
Head /CPR	Head, Dept. of S&H	Dept. of S &H			

### Publication

All accepted papers registered for presentation will be published in the conference proceedings with ISBN. Selected papers will be recommended for publications in Scopus/ WoS/UGC journals.

#### Important dates:

Registration Opens on :12.02.2025 Last Date for Submission :15.04.2025 Last Date for Registration : 30.04.2025

## **Registration fees:**

UG/PG Students :Rs.750/-Research Scholar & Faculty / : Rs. 1000/-Industrialist





**Event Flyer** 



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 COLLEGE OF ENGINEERING
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 (AUTONOMOUS)
 NAAC Accredited Institution

Centre for Promotion of Research (CPR)

Cordially invties you to the

International Conference on Sustainable Technologies in Engineering and Science (ICSTES'25)

08.05.2025 & 09.05.2025



# <u>Chief\_Guest</u>

Dr. S. Beer Mohamed Associate Professor & Head Central University of Tamil Nadu Tiruvarur

## <u>Keynote Speakers</u>

Dr. Satish Kumar, Head, Department of Engineering Kirirom Institute of Technology Cambodia

Exter 1041



Dr.P.P.Shantharaman Convener

Dr.S.Sivakumar **Publication Chair** Dr.R. Rajendran Chief Patron

In Association with

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INNOVATION COUNCIL

Dr.J.Arputha Vijaya Selvi Conference Chair

**Q** Chera Hall

**Event Invitation** 

Sample Certificate

