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Kammavari Sangham(R)-1952
K. S. INSTITUTE OF TECHNOLOGY
Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi, Karnataka, Accredited by NAAC & NBA (Dept. of CSE, ECE, ME)
#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-560109
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National Conference on Recent Innovations in Engineering- 2022

23rd - 24th June 2022



NCRIE-2022

Organized by
DEPARTMENT OF MECHANICAL ENGINEERING

in association with



SAEINDIA
KSIT COLLEGIATE CLUB



About Kammavari Sangham

The Kammavari Sangham a multi-activity non-profit oriented voluntary service organization was established in the year 1952 with the sole objective of providing charitable service to community and society. The Sangham has diversified its activities since its establishment over five decades ago with a firm belief that quality and meaningful education only can lay the strong foundation for bringing about economic and social changes to the lives of thousands. The Sangham went about establishing educational institutions starting with K.S. Polytechnic in 1992. Enthused with this success of its foray into technical education, the Sangham moved forward by starting the K.S. Institute of Technology (KSIT) in the year 1999, K.S. School of Engineering & Management (KSSEM) in the year 2010, K.S. School of Architecture (KSSA) in the year 2015 & K. S. PU college in 2022. In the following years these institutions have carved for themselves an enviable niche through academic excellence achieved in a very short span of time. By providing free hostel accommodation and scholarship to the deserving students in the community, it has furthered its commitment to education.

About the Institution

K. S. Institute of Technology was established in the year 1999 by the Kammavari Sangham with a commitment to provide value based technical education. KSIT is strategically located at No.14 Raghuvanahalli, Kanakapura Main Road, Bengaluru. The institute has modern infrastructure with state-of-the art equipment and laboratory facilities, well qualified faculty and an impressive placement record. The objective of KSIT is to impart quality education to students and enable them to develop the abilities of problem solving, creative thinking and adaptability in their chosen field. KSIT is **NAAC** accredited.

About the Department

The Department of Mechanical Engineering is one among the senior and old branches in the institution with many prides to its feather. A faculty of repute, excellent faculty and a good student community has contributed to make the Department vibrant and striving hard to achieve excellence in the area of academics and research. The department has well equipped laboratories with latest equipment's, excellent computing facilities, high-tech seminar halls, department library. It has maintained high level of academic standards and students have secured several ranks at VTU level. Department is **NBA & IEI** accredited. The Department is recognized as a Research centre from VTU and 13 research scholars are carrying out their research in the various fields of Mechanical Engineering. The department has successfully carried out the various projects funded by VGST, IEI, VTU & KSCST. The Department has taken the leading role in the IPR activities, IEDC activities, NSS, sports and cultural activities of the institution.

About the Conference

The National Conference on Innovations in Engineering (NCRIE-2022) is being organized by the department of Mechanical Engineering. This Conference offers a platform for researchers, industry professionals & students to present & discuss innovative research ideas, results, applications and long-term solutions in various fields of Mechanical Engineering.

Call for Papers

Papers are invited in the following thrust areas:

- ★ Advanced Materials & Techniques
- ★ Artificial Intelligence in Casting
- ★ Shape memory alloys
- ★ Nano Technology for Sustainability
- ★ Material Characterization
- ★ Rapid Prototyping, Lean / Green Manufacturing
- ★ Hybrid Vehicles and its Integration
- ★ Renewable Energy Technology
- ★ Global Warming & Green Energy Options
- ★ Combustion Dynamics
- ★ HCCI / PCCI , Heterogeneous Combustion

Note 1: Other topics in the field of Mechanical Engineering are also invited.
2 : Best Paper for each session will be awarded

Important Dates

2 nd June 2022	Last date for paper submission.
10 th June 2022	Paper acceptance notification
15 th June 2022	Last date for registration and camera ready paper submission.

Eligibility

Students, Faculty, Research Scholars from Engineering Colleges, Research Scholars from Industries and R&D Organizations Centers may also participate.

Paper Format

Authors are requested to submit their technical paper as M.S word document not exceeding 6pages in ASME format(<https://www.asme.org/wwwasmeorg/media/resource/files/shop/proceedings/asmetemplate-firm-ps.pdf>). to the email id mentioned below.

Email to : mencrie2022@ksit.edu.in

The accepted papers received with registration fee will be published in the proceedings of the Conference with ISBN

Note:- On request hard copy of the proceedings will be provided at additional cost.

Participation/Registration Fee: ₹ 400/-

Mode of Payment: Google Pay / Paytm / Online Transaction

Name of the Bank : Union Bank

Branch : Raghuvanahalli, Kanakapura Main Road

Account Holder Name : SAEINDIA KSIT COLLEGIATE CLUB

Account No. : 149010100038709

IFSC CODE : UBIN0814903

Registration Form – NCRIE-2022

Name :

Designation :

Gender : Male ☐ Female ☐

Qualification :

Organization :

Address for Communication:

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Pincode :

Mobile No :

Email id :

Payment Details:

Transaction No.

Bank/Branch:

Amount:

Date:

Participant Signature:

Sponsoring Organization:

Place:

Date:

Head of Institution / Dept.
Signature with Seal