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Co-Convener

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Mrs. Jayasudha B.S.K, Assistant Professor

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International Institute of Information Technology, Hyderabad

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Two Days National Seminar on “Frontiers in Machine Vision and Responsible Artificial Intelligence”



23rd - 24th December 2022



Organized by

**DEPARTMENT OF ELECTRONICS & COMMUNICATION
ENGINEERING**

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. 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 Electronics & Communication Engineering department was started in the year 1999. The department has full-fledged faculty comprising of well-qualified, experienced, and

dedicated staff members with specialization in different fields. The department has well equipped laboratories with latest equipment's, excellent computing facilities, high-tech seminar halls, department library etc. It has maintained high level of academic standards and students have secured several ranks at VTU level. KSIT is NAAC accredited. Department is NBA & IEI accredited and has well-established R&D center. The department has successfully carried out the various projects funded by VGST, IEI, VTU & KSCST. The department annually hosts various technical & non-technical events under IEEE, ISTE, IET & IETE student chapters for the all-round development of the students.

About the Seminar:

Responsible AI covers the process of creating and utilising machine learning algorithms to empower humans while seeking to restrict their influence by continually improving them based on a careful examination of technological, structural, and human aspects. AI systems become more rational and trustworthy because of the various practises that responsible AI integrates into them. It enables the ethical, transparent, and consistent application of AI technology in accordance with social norms, user expectations, and values apart from protecting the system from prejudice and data theft.

The goal of this seminar is to familiarise faculty members and researchers with the foundations of machine learning, machine vision, deep learning, and their uses in artificial intelligence. The FDP will offer a platform for comprehending practical applications, emerging technologies, and the requirement for Responsible AI for ongoing research.

The attendees of this conference gain from the opportunity to network with distinguished speakers and professionals from IITs, IIITs, NITs, IIITs, industries, prestigious organisations, and entrepreneurs. Various case studies and presentations of cutting-edge applications in these disciplines will be included in the sessions.

Registration Form

Two Days National Seminar on "Frontiers in Machine Vision and Responsible Artificial Intelligence"

Name :

Designation :

Gender : Male Female

Qualification :

Organization :

Address For Communication:

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Pincode :

Mobile No :

Email id :

Participant Signature:

Place:

Date:

Signature with Seal

Eligibility:

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

Participation/Registration Fee: NIL

Registration Form can be sent to:

Department of ECE,

K.S. Institute of Technology,

#14, Raghuvanahalli, Kanakapura Main Road,

Bengaluru-560109

Email to surekhaborra@ksit.edu.in