

# **HOLY CROSS HOME SCIENCE COLLEGE, THOOTHUKUDI**

## **DEPARTMENT OF COMPUTER SCIENCE**

### **International Seminar On 'AI and ROBOTICS'**

Advances in artificial intelligence & machine learning are poised to revolutionize every sector. In overview of this, the Department of Computer Science organized a one-day international seminar on 'AI and ROBOTICS' on 23<sup>rd</sup> February, 2023.

The seminar mainly focused on the recent advancements in 'Artificial Intelligence and ROBOTICS' to enhance and explore knowledge among academics and industry personnel dealing with Robotics, Artificial Intelligence, and its related subjects. The purpose of the seminar is to provide the right stage to present stimulating keynote talks, interactive oral sessions and video presentations on the latest innovations, technologies and best practices and to offer a platform for students and scholars who wish to understand the risks and opportunities of AI and ROBOTICS.

The international seminar was inaugurated by the Chief Guest, Dr. Mrs. G. Wiselin Jiji, M.E., Ph. D, Principal, Dr. Sivanthi Aditanar College of Engineering, Tiruchendur. In her inaugural address, she emphasized that hosting events on recent trends in technology will promote research and development among the students, scholars and researchers thereby developing skills required for the emerging industry 4.0.

Our Principal and Secretary, Rev. Dr. Sr. M.S. Rubha delivered the presidential address and shared her views on new advancement in technology. She expressed how Robots have become a common part in our daily life and their various applications in various fields. Mrs. R. Waheetha, HoD, Department of Computer Science extended her heartfelt gratitude to all the resource persons, researchers, students and faculty members for their participation in the international seminar.

The first session was handled by Mr. Karthikeyan Santhanam, Technical Staff Product Owner, Dishnetwork, USA on the topic 'AI and Robotics in Industries'. He shared his expertise on applications of Machine Learning and Natural Language Processing in IT industries through Google Meet video conferencing platform. He discussed on keeping privacy and security of user data on applications of AI and Robotics in our day-to-day life. He also encouraged the participants to make queries on AI applications in recent apps and social media network.

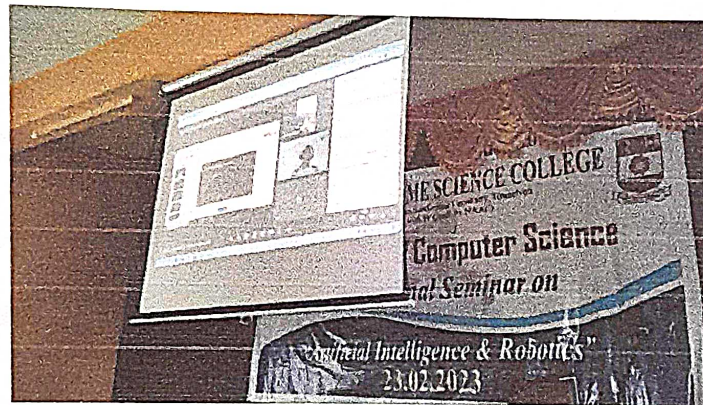
The second session was taken by Mr. C. Nagarajan, Chief Technology Officer, Compunet Connections, Chennai on the topic, 'Past, Present and Future of AI and its impact on society'. He shared his ideas on how cyber threats move fast and how to keep oneself safe with a next generation cloud native SIEM powered by AI, automation, and security expertise. He

consolidated various attacks across the globe in using recent apps like Chat GPT, SnapChat and prioritized what matters for a more efficient and effective security enforced AI applications.

Then followed the technical session titled 'AI and Robotics for Medical Application' by Mr. K. S. Kavim, Managing Director, AB Technologies, Chennai was well presented with real time data set.

During the valedictory program, the Chief Guest Mr. K. S. Kavim congratulated the institute for organizing this seminar in the relevant theme. He also appreciated the active participation of students and their interest towards learning new technology and its applications. Mrs. X. Della, Assistant Professor thanked all the sponsors, delegates, representatives from the media, the faculty and students for their magnanimous support.

A total of 170 students attended the seminar and got benefitted. After attending the seminar the participants felt that they were very much familiar with various applications of AI and ROBOTICS in day-to-day life and in industries.





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