

International Conference on Intelligent Machine Age 2025: Advancing Robotics, Automation, Semiconductors, and Next-Gen Space & Automotive Technologies

Conference Proceedings

November 27-28, 2025 - Japan

Artificial Intelligence for Human Safety

SS Arulappan

Associate Professor, Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli, India

Abstract

Team of human Experts write computer program or programs in machine language to operate or to do work by a machine or a robot. Human intelligence is converted into workable machine language so that machines or robots which act as sophisticated slaves to do a particular job. Machines obey human commands and work in the atmosphere where humans find it difficult or impossible to endure.

Such convenience, Robots and automatic machines can give and replace humans say from hazardous ambience and dangerous to work with by any human.

Repeated and monotonous work or jobs given to human workers can also be replaced by Robots and intelligent machines to work instead of human beings. Several part programs combined together can be fed into a computer and intelligent jobs can be carried out using sophisticated machines.