



Dr. C. S. Kumar, Professor

Indian Institute of Technology, Kharagpur

HOME : <http://iitkgp.ac.in/fac-profiles/showprofile.php?empcode=aWmdU>

TALK : [*Mechatronics – supporting Recent Advances in Robotic Applications*](#)

Dr. C. S. Kumar a Professor of the Mechanical Engineering Department at the Indian Institute of Technology Kharagpur. He works primarily in the area of Robotics and Intelligent Systems and also in areas of CAD-CAM, Additive Manufacturing and High performance Computer and Telecom Networks. He received his Bachelors' of Technology Degree in Manufacturing Science and Engineering in 1987 and his Doctoral degree in Mechanical Engineering in 1995 both from the Indian Institute of Technology Kharagpur and has a Post-Doctoral experience at AIST (formerly Electro Technical Laboratory) Tsukuba, Japan in 1999.

His research interests span control of Autonomous Underwater Vehicles, flexure based micro-grippers, humanoid robots; Direct Digital Manufacturing of Metals using additive processes and in data networks. He is a member of professional organizations like IEEE, ASME and AUVSI and also serves as an expert member in the Marine Systems panel of the Naval Research Board, Editorial board Member of IEEE Access, Indian Academy of Sciences Engineering Journal – Saadhana. He has over 60 archived publications in various International Journals, Conferences, and book chapters and has filed 4 patents.