

PROFILE

Name	Sudhanshu Rakesh Katarey
Position & Affiliation	Assistant Professor, Department of AIML
Areas of Interest	
Email	sudhanshu.katarey@gmail.com.
LinkedIn ID	http://www.linkedin.com/in/sudhanshu-katarey226a74134
Google Scholar ID	
Orchid ID	
Vidwan ID	
Scopus ID	
Professional Webpage (if any)	

Educational Qualifications:

Ph.D	-----	India	-
M.S	Arizona State University	United States	2020
BE	Dayananda Sagar College of Engineering	India	2017

Areas of Research:

Brief Profile: (write about yourself)

Sudhanshu Katarey is an accomplished robotics engineer and has experience in the field of industrial robotics and automations as part of his career at Omron Industrial Automation India, specializing in the development and implementation of advanced automation solutions for a variety of industries such as digital, automotive, F&C and Pharma. In addition to his professional role, Sudhanshu has contributed to innovative research in wearable robotics. He is a co-inventor of a U.S. patented soft flexible wearable robotic device designed to treat plantar flexion contractures—a condition common among individuals who have suffered from traumatic brain injuries or strokes. This device reduces spasticity and stiffness while increasing range of motion. Sudhanshu's expertise encompasses industrial automation, robotics, bio inspired robots, machine vision and the development of robotic medical devices, reflecting a strong dedication to advancing technology for industrial and healthcare applications and research

Awards/Achievements/Others:

Courses Taught:

Publications/Patents: Soft wearable robotic device to treat plantar flexion contractures.

Publications	<i>Nil</i>
Patents	<i>1</i>
Book/Book Chapters	Nil

Research and Consultancy:

Nil

