



BHASKARACHARYA
PRATISHTHANA PUNE

Centre for Industrial Mathematics

A five day **ON LINE** Workshop on “AI in Robotics, Automation and Industry 4.0”

Dates 20 to 24 Jan 2025 (Mon to Fri)

ON Line 3 PM to 5 PM IST, ON LINE

Background: Industry problems could be addresses using the industrial and computational mathematics. Today it is the data science, Machine learning and Optimization which can address almost any complex problem in general. Robotics and Automation have been deployed in many industry applications. Artificial intelligence (AI) is the key driving factor to bring out effective solutions to many such problems. Therefore, a five day ON Line workshop is organized by the centre for industrial Mathematics (CIM), haskaracharya Pratishthana, Pune

About Bhaskaracharya Pratishthana: Bhaskaracharya Pratishthana is and Educational and Research Institute in Mathematics, established in 1976. It is located at off Law college Road, Pune 411004. For more details please visit www.bprim.org. The centre for Industrial Mathematics was established in 2021, in order to address the industry problems using mathematics and data science.

Topics Covered: Basic motivation for using Robotics, Drones, Automation, Background of AI and ML, Robotics and AI, Industry Applications of Robotics, Drone basics and Industry Applications, Automation and Industry 4.0 from basics to Industry Applications, Industry 4.0 Transformation. Industry Examples, case studies, Success stories and Interactive sessions.

SPEAKERS:

Dr. Ajay V. Deshmukh	Ms. Kajal Rajvaidya	Mr. Mohanbhai Patel
Director, Centre for Industrial Mathematics, Bhaskaracharya Pratishthana, Pune., Ph.D. IIT Bombay, ME & BE Instrumentation, 32 + years of experience in Academics and Industry	CEO & Founder Director, Kajal Innovations and Technical Solutions Pvt. Ltd. BE EnTC, 10 + years of industry experience, Master Trainer in Robotics Automation,	BE & ME Instrumentation Engineering, 32+ years of academic and Industry experience. Industry Consultant and Expert in Industrial Automation

Eligibility: A graduate degree in Science, Technology, Engineering with basic background in mathematics. Participants could be from Industry or universities/colleges.

REGISTRATION: Registration shall be using the Google form

<https://forms.gle/myrcV3SXvEsNSSwa9>

Registration Fees INR 1000/- (Rs one thousand only)

and the fees shall be paid at the Bhaskaracharya Pratishthana, website ON LINE at the link

<https://www.bprim.org/index.php/bank-details>

COORDINATOR: Prof. Pavan Dodya, Cell 8999983937, pavandodya@gmail.com