



Indian Academy of
Industrial and
Applicable
Mathematics
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Bhaskaracharya
Pratishthana Pune
www.bprim.org

Speakers and Panel Members

- Prof. Dr. S. A. Katre, Former Prof. Mathematics, SPPU Pune, President IAIAM and Custodian Bhaskaracharya Pratishthana Pune
- Dr. Seema Purohit, CCO IAIAM Mumbai Region, Global Prof. of Practice, GGU CA, Prof. Emerites BK Birla College, Kalyan
- Dr. Aditi Sharma, Associate Professor, CSE, Symbiosis Institute of Technology, Symbiosis International University, Pune
- Ms. Kajal Rajvaidya (CEO and Director KITS), CCO IAIAM for Nagpur Region, International Master Trainer Robotics
- Dr. Ajay V. Deshmukh, Member and Treasurer IAIAM, Director CIM, Bhaskaracharya Pratishthana, Pune, Independent Director and Advisor to Industries and Universities

It is FREE but registration is mandatory

Registration Link:

<https://forms.gle/4tycS9NJHDSsWMpP8>

Who can attend ?

Faculty members from science and engineering, researchers, PG students, scientists and Industry R&D engineers can attend. Basic mathematics and computer background is expected.

Indian Academy of Industrial and Applicable Mathematics (IAIAM) in Association with Bhaskaracharya Pratishthana, Pune, is organizing special sessions and a panel discussions on "Role of Industrial Mathematics and AI in Robotics and Automation" On 15th and 16th May 2025, 7 to 8.30 PM On line
Topics covered: AI and Mathematical Preliminaries, AI and Robotics Automation, Cyber Security and Cryptography

Role of Industrial Mathematics and AI in Robotics and Automation : Lecture Sessions and Panel Discussions

15th and 16th May 2025, (Thu-Fri) 7 to 8.30 PM On line

For any information Contact:

Dr. Ajay V. Deshmukh,

Organizer and Anchor Speaker

Cell 7447474652, Email:-
ajaydeshmukhpune@gmail.com

	
Indian Academy of Industrial and Applicable Mathematics	Bhaskaracharya Pratishthana Pune
Centre for Research in Industrial and Applicable Mathematics (CRIAM)	Centre for Industrial Mathematics (CIM)

Schedule for the Special “Sessions and Panel Discussions on Role of Industrial Mathematics, AI in Robotics and Automation and Cybersecurity”, 15th and 16th May 2025 (Thu-Fri)

Day-1 15 th May 2025 (Thursday)		
Time (IST)	Topic	Speaker
7.00 to 7.10 PM	Introduction, , Overview, Industrial Mathematics , About IAIAM, About CIM at Bhaskaracharya Pratishthana, Pune	Dr. Ajay V. Deshmukh
7.10 to 7.50 PM	Mathematical Preliminaries and Cryptography	Dr. S. A. Katre
7.50 to 8.30 PM	Cyber Security	Dr. Aditi Sharma
8.30 to 9.10 PM	Basics of AI and Machine Learning	Dr. Seema Purohit
Day-2 16 th May 2025 (Friday)		
7.00 to 7.40 PM	Industrial Mathematics and Engineering Applications: A Phenomenal Approach	Dr. Ajay V. Deshmukh
7.40 to 8.20 PM	AI in Robotics and Automation	Kajal Rajvaidya
8.20 to 9.00 PM	Panel Discussions and Question Answers	All the Speakers
9.00 to 9.10 PM	SUMMING UP, FEEDBACK, CONCLUSION	