INTERNATIONAL CONFERENCE (DAY 3 & 4)

This conference explores cutting-edge developments across robotics, automation, artificial intelligence/machine learning (AI/ML), mechatronics, and advanced manufacturing. This multidisciplinary event offers an immersive experience through a blend of keynote sessions, invited sessions, and technical presentations. This conference serves as a dynamic global platform designed to bridge the gap between academic theory and industrial application, encourage interdisciplinary collaboration, and foster a culture of innovation and entrepreneurship. With focused tracks on topics such as AI-driven automation, smart sensor integration, sustainable robotics, immersive technologies like AR/VR and advanced manufacturing, the event addresses the existing challenges and emerging trends shaping the future of intelligent manufacturing systems.

This conference also supports talent development and workforce readiness by integrating CWIE activities and international workshops that align academic curricula with industry expectations. This event promises valuable insights, hands-on learning, and meaningful connections that will empower your journey in the rapidly evolving tech landscape.

Conference themes:
Next-Gen Robotics, MEMS & Mechatronics, Automation, Materials & Intelligent Manufacturing Systems, Automotive Engineering, Manufacturing Engineering and Smart Manufacturing, Precision Engineering, Instrumentation, Measurement, Materials Engineering, and so on.

Assoc. Prof. Dr. Sanjay Mavinkere Rangappa
International Conference Chair

Conference Co-Chairs
Dr. Sathish Kumar Palaniappan
Dr. Manoj Kumar Singh

General Secretary
Dr. Rapeeporn Srisuk

Organizing Chairs
Assoc. Prof. Dr. Laongdaw Techawinyutham
Dr. Vinod Ayyappan
Assoc. Prof. Dr. Jiratti Tengsuthiwat
Asst. Prof. Dr. Krittirash Yorseng
Asst. Prof. Dr. Chakaphan Ngaowthong
Dr. Gaurav Arora
Dr. Mohit Kumar
Asst. Prof. Dr. Sorasak Wongmanee

Registration fees

CWIE Day	Free
International Workshop	100 USD
Invited Speaker, Onsite	500 USD
Online Presentation	100 USD
Thailand Participants	3000 THB
Accompanying Persons	200 USD

Important Dates

Abstract Submission	Oct 10, 2025
Full-paper Submission	Dec 21, 2025
Registration & Fee Payment	Jan 30, 2026

ORGANIZED BY

KMUTNB TechnoPark

KMUTNB INVENTION TO INNOVATION

Selected papers will be published in **Scopus-indexed** journals/proceedings/book chapters.

Webpage www.technopark.kmutnb.ac.th/ram

ABOUT KMUTNB

King Mongkut's University of Technology North Bangkok (KMUTNB) is a public technology university in Thailand. KMUTNB was jointly founded by the Royal Thai Government and the Federal Republic of Germany as the North Bangkok Technical School in 1959; colloquially known as Thai-German Technical School. Presently, the university has three campuses located in Bangkok, Rayong and Prachinburi provinces.

ABOUT TECHNOPARK

KMUTNB has established the KMUTNB TechnoPark as a comprehensive one-stop service hub for academic services, research, and commercial innovation. It plays a vital role in fostering collaboration between educational institutions, public organizations, and the private sector to enhance the competitiveness of businesses and industries, especially startups and SMEs. Acting as a bridge between researchers and entrepreneurs, the park supports prototype creation and product testing prior to commercial production. In addition, the Prachinburi Campus has developed four centers to support the Eastern Economic Corridor of Innovation (EECi). At the Rayong Campus, established in 2018, KMUTNB operates a modern academic and training center designed to prepare industrial personnel for Industry 4.0.

CWIE (DAY 1)

The TechnoPark, in collaboration with all the faculties of KMUTNB, organizes Co-operative and Work Integrated Education (CWIE) day activities to provide knowledge about cooperative education and introduce establishments in the industrial sector. The objectives are to promote, disseminate, and publicize the cooperative education project to students, establishments, personnel within the university, and the general public. The presented and contested works are divided into 4 categories: social science, innovation, science and technology, and international.

Asst. Prof. Dr. Nopadol Wiwatchakoses
CWIE Chair

INTERNATIONAL WORKSHOP (DAY 2)

The International Workshop on Robotics & Automation is designed to promote innovation, collaboration, and hands-on experience in the field of robotics among students. This workshop aims to encourage teamwork and problem-solving through real-world engineering tasks. Cultivate international collaboration and cultural exchange among participants. Stimulate interest and innovation in the field of robotics through friendly competition. By combining education and competition, it offers a well-rounded experience that helps develop both technical competencies and interpersonal skills necessary for future engineers and innovators.

Workshop session (half-day): This session will focus on the technical training of the microcontroller and its application in robotics, followed by guided development of robotic systems that are aligned with assigned missions. **Competition session (half-day):** Teams will implement their knowledge and teamwork to build and program a robot to complete specific tasks in a time-limited challenge.

Assoc. Prof. Dr. Watcharin Phothien
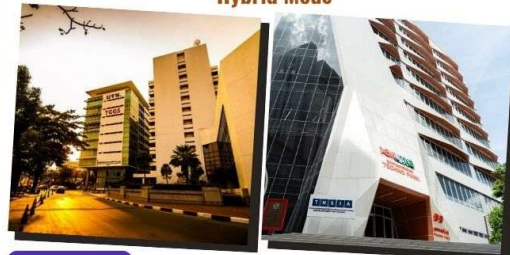International Workshop Chair

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KMUTNB TechnoPark

International Workshop and Conference on Robotics, Automation, and Manufacturing (RAM'2026)

FEB 17–20 2026

Hybrid Mode

Honorary Chair

Prof. Dr.-Ing. habil. Suchart Siengchin
Director of KMUTNB TechnoPark
Advisor to the President for Industrial Research Promotion and International Affairs

Meet our speakers!

WORLD ROBOCUP RESCUE CHAMPIONS

Dr. Siripong Phothalak
Toyota Motor Thailand Co. Ltd.

Prof. Dr.-Ing. Markus Kley
Aalen University – Germany

Prof. Dr. Sree Ganesh Thottempudi
SRH Berlin – Germany

Prof. Ir. Ts. Dr. Ahmad 'Athif bin Mohd Faudzi
Universiti Teknologi Malaysia - Malaysia

ram26@technopark.kmutnb.ac.th

Bangkok, Thailand