

“didacta asia” join forces with 7 Thailand’s leading educational institutes & universities ready to held the “Thailand Competition on Robotic and Automation Control using Industry 4.0 Technology 3rd” in 2024



didacta asia – the International Trade Fair and Congress for the Complete Education Sector in Southeast Asia is ready to be the premium platform to held the Thailand Competition on Robotic and Automation Control using Industry 4.0 Technology 3rd that supported and organised by the 7 Thailand’s leading educational institutes & universities. To elevate students’ knowledge and proficiency in automation and robotic control skills, fostering their preparedness to seamlessly integrate into real-world industry scenarios. Aligned with the Thai government’s transformative Thailand 4.0 policy, the competition is poised to cultivate a generation of skilled professionals equipped to address contemporary industrial challenges. By propelling the Thai robotics sector to unprecedented heights, this collaboration also underscores the institutions’ shared commitment to advancing education in the country. Save the dates, 16-18 October 2024, BITEC Bangna Hall 101, Bangkok, Thailand.

didacta asia
16-18 October 2024
www.didacta-asia.com

Your Contact:
Chaiyachet Pakpoonphon
Telephone
+662 640 8013 Ext. 30

E-Mail
chaiyachet@koelnmesse-thailand.com

Mr. Phusit Sasitarnondha, Consultant of the Board of Directors, Koelnmesse Thailand (c/o Expolink Global Network Ltd) mentioned that “Koelnmesse and Messe Stuttgart are two leading PEO: professional exhibition organisers that share the same focus on the complete education sector. It will be the first time in Southeast Asia to exchange the knowledge, ideas and experiences in education by leading experts. Ready to combine technology, innovation to products in the educational media industry. to be exhibited in one event as well.

Expolink Global Network Ltd.
Koelnmesse Representative in Thailand
B.B. Building, 10th Floor #1007,
54 Sukhumvit 21 (Asoke Road),
Klong Toey Nua, Wattana,
Bangkok 10110
Thailand

didacta asia is still a significant focal point for showcasing the potential of Thai education on the global stage. The event features a multitude of seminars and workshops covering various topics, along with diverse competition stages. One of these includes the championship round of the ‘Thailand Competition on Robotic and Automation Control using Industry 4.0 Technology 3rd’ which takes place within didacta asia.

The Thailand Competition on Robotic and Automation Control using Industry 4.0 Technology 3rd is an event organised through the collaboration of 7 educational institutions. These include Chitralada Technology Institute (CDTI), King Mongkut’s University Of Technology North Bangkok (KMUTNB), Ramkhamhaeng University (RU), Nakhon Sawan Rajabhat University (NSRU), Rajamangala University of Technology Krungthep (RMUTK), Pathumwan Institute of Technology (PIT), and Office of the Vocational Education Commission (VEC). With a strong dedication, the competition aims to enhance students’ understanding and practical skills in automated system control and robotics. This initiative aims to cultivate proficiency and impart technical methodologies, enabling participants to apply gained knowledge effectively in real-world industrial scenarios in alignment with the government’s Industry 4.0 policy.”

Organised by:



Partner:



Assoc. Prof. Satean Tunyasriut, President, Pathumwan Institute of Technology mentioned that “Pathumwan Institute of Technology feels honored and fully prepared to collaborate with 6 other leading educational institutions & universities, as well as didacta asia, to propel global-level education and industrial technology into Thailand. This endeavor aims to cultivate youth and personnel, transforming them into experts with proficiency, poised to support the current economic growth. This includes acquiring knowledge that remains contemporaneous with industries and technologies, rapidly evolving post-pandemic crisis.”

Asst. Prof. Witoon Obrom, Vice President, Pathumwan Institute of Technology mentioned that “This competition serves as a valuable opportunity for students, particularly those in the fields of Mechatronics and Robotics, to enhance their knowledge. to develop skills in controlling automated industrial robots, designing automotive components, and mastering the usage of tools and machinery. These are precisely the skills aligned with the requirements of industries incorporating industrial robotics. Robotics is one of the ten target industries aimed at driving the economy for the future. Additionally, the competition provides a platform for the exchange of experiences among students from vocational and higher education backgrounds, further enriching the learning process”

Mr. Boonprasert Puttisan, Sales Consultant, Seatek Didactic Co Ltd mentioned that “The collaborative network of these seven leading educational institutions & universities all share a mission in educational management, aiming to produce and nurture human resources according to the demands of the labor market and the nation. This aligns with the Thai government's policy towards Thailand 4.0, which emphasizes incorporating automation technology into industries. Thus, it can be said that this competition represents a significant collaborative effort to drive global-level education and industrial technology into the Thai youth. This initiative aims to foster technological thinking and skills, nurturing a foundation for the development of Thailand's industrial sector towards the future 4.0 era.”

In the competition that will take place at didacta asia will consist of a total of 5 topics, namely:

- Electric vehicle battery tray simulation welding competition with industrial robot
- Control competition automation system driven by electric axis for both IIoT and ERP connection systems
- PLC Programming Competition to control test kits according to national skill standards
- Industrial inspection competition with 3D Laser Scanner and ZEISS Quality Suite software
- Virtual Industrial Factory Simulation Competition with Emulate 3D Software

The inaugural didacta asia will now be held in 16-18 October 2024, at the Bangkok International Trade & Exhibition Centre (BITEC), Thailand. For more information, please visit www.didacta-asia.com.

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About Koelnmesse

Koelnmesse is one of the world's largest trade fair companies. Its more than 80 trade fairs and exhibitions have the broadest international scope in the industry, as 60 percent of the exhibitors and 40 percent of the visitors come from outside Germany. The Koelnmesse events include leading global trade fairs for 25 sectors, such as didacta, Imm Cologne, Anuga, IDS, INTERMOT, Interzum Cologne, gamescom, and the International Hardware Fair Cologne. Koelnmesse has organized didacta in Cologne for 9 editions since the year 2000. For more information, please visit www.koelnmesse.com.

About Messe Stuttgart

Messe Stuttgart is a trade fair and congress center located in Stuttgart, Germany. It is one of the largest and most modern event venues in Europe, hosting a wide range of international trade fairs, conventions, and exhibitions each year. The venue covers over 100,000 square meters and offers state-of-the-art facilities and services for exhibitors, visitors, and event organizers. Messe Stuttgart hosts events in a variety of industries, including automotive, manufacturing, tourism, and more.

About didacta asia

didacta asia is the dedicated meeting place for world-class education resources, and the gateway to the education market in Southeast Asia. From upgrading early learning and school education, to better match vocational skills with industry needs and introducing new digital applications for teaching and learning. Strongly supported by numerous government departments and associations, didacta asia provides both an exhibition and strong content programme focused on specific themes.

The Next Events:

Didacta - The Trade Fair for Education and Training
Cologne, Germany, 20.-24.02.2024

If you have published this document, please send us a link to the article.

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Expolink Global Network Ltd.
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