



SDG REPORT

Rajamangala University of Technology Phra Nakhon 2022



- Education outreach activities
- Free access to educational resources
- Lifelong learning for all





Quality Education



Education outreach activities

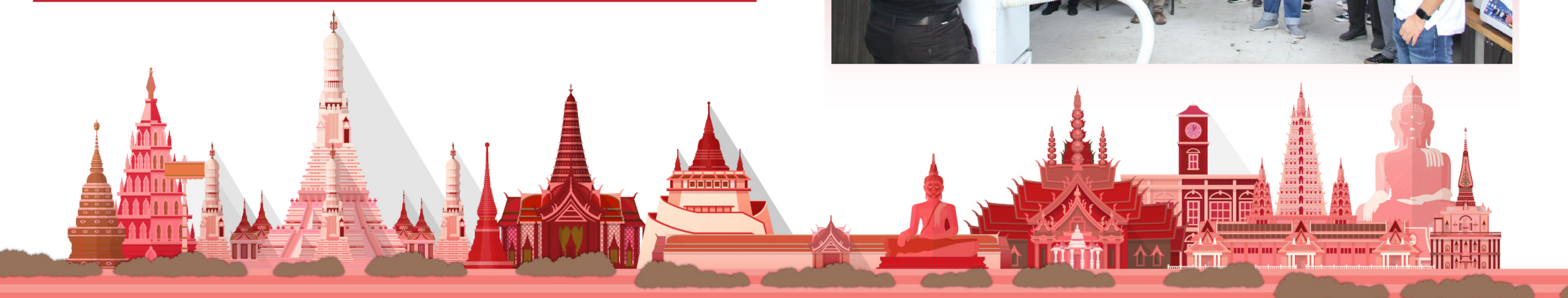
The Digital and Robotic Institute at Rajamangala University of Technology Phra Nakhon organized an event to share knowledge in the field of digital and robotics. The purpose of the event was to promote awareness and inspire individuals to pursue higher education. The event included knowledge sharing on various topics, such as the installation of mobile training equipment for students and interested parties to practice real-world skills, industrial robot programming, autonomous mobile robots (AMR), service robots, artificial intelligence, image processing, and more. The event aimed to transfer knowledge and develop future work skills for students. More than 300 people participated and showed interest in the event, including teachers and students from the vocational college in Samut Prakan. The event took place on September 6, 2022.



Free access to educational resources Industrial Parts Prevention and Maintenance with Hot Coating Process

The Department of Industrial Materials Science, Faculty of Science and Technology, Rajamangala University of Technology Phra Nakhon, organized a project on the course "Industrial Parts Prevention and Maintenance with Hot Coating Process" for both government and private sector organizations. Dr. Jirasak Tharachar, the Dean of the Faculty of Science and Technology, presided over the opening ceremony and also served as a lecturer. The project included practical training sessions on the hot coating process, as well as testing and quality analysis of coated components. The project took place from August 27th to August 29th, 2022, at the 5th-floor building of the Faculty of Science and Technology, Rajamangala University of Technology Phra Nakhon.

The primary objective of this project was to enhance the skills of industrial craftsmen and improve their competencies to adapt to technology, aligning with the demands of the materials industry job market. This project is free for all people.





Lifelong learning for all at Rajamangala University of Technology Phra Nakhon

Rajamangala University of Technology Phra Nakhon, organized training on textile applications.

On October 18, 2022, Dr. Rattanapon Mongkolsaratsit, a lecturer in the Department of Textile Innovation and Technology, Faculty of Textile Industry and Fashion Design at Rajamangala University of Technology Phra Nakhon, Bangkok, organized a practical training event on the topic of natural dye production and its application in textile printing. The event was attended by both teachers and students.

The project was led by Mr. Jiramek Suparattanakul and Mr. Thammasat Khamrat, responsible for the project, and focused on printing tree leaf patterns onto silk fabric. Mr. Piriyaoporn Sopakakun and Ms. Nattakan Changkaew were the students responsible for the project.

The primary objective of this activity was to allow fourth-year students majoring in Textile Innovation and Technology to apply the knowledge they had gained in their studies to practical projects. Through their research and experimentation, students were able to share their work with the community and the general public who had an interest in the field for free. Those who participated in the training could utilize the knowledge they gained to establish careers and add value to their own products or merchandise effectively.

