# **RESEARCHER PROFILE**

Name Dr.Dechrit
Last name Maneetham
Academic Position Associate Professor
Faculty of Technical Education
Major Mechatronics Engineering
Research interest Advanced Robotics, AI, IoT
E-mail dechrit_m@rmutt.ac.th



Education	From To	University name	Country
Doctor	2011-2019 Ph.D in Electrical and Computer Engineering 2006-2010 D.Eng in Mechatronics Engineering	Mahasarakham University Asian Institute of Technology	Thailand Thailand
Master	1993-1995 M.S. in Mechanical Engineering	King Monkut's Institute of Technology North Bangkok	Thailand
Bachelor	1985-1989 B.ind.Tech Material Handling Technology	King Monkut's Institute of Technology North Bangkok	Thailand

### **International Publications**

### (Only published within the last five (5) years in international journals or book chapters)

 Padma Nyoman Crisnapati, Dechrit Maneetham and Evi Triandini, Trolls: A Novel Low-Cost Controlling System Platform for Walk-Behind Tractor, International Journal of Electrical and Computer Engineering (IJECE), indexing Scopus Q2. (2021).

[2] Padma Nyoman Crisnapati, Dechrit Maneetham ,RIFIS: A Novel Rice Field Sidewalk Detection Dataset for Walk-Behind Hand Tractor, Data – MDPI, indexing Scopus Q2 and Web of Science. (2022).

[3] Padma Nyoman Crisnapati, Dechrit Maneetham ,Two-Dimensional Path Planning Platform for Autonomous Walk Behind Hand Tractor, Agriculture – MDPI, indexing Scopus Q2, Web of Science Q1.(2022). [4] Elang Parikesit, Dechrit Maneetham and Control of robot-assisted gait trainer using hybrid proportional integral derivative and iterative learning control, International Journal of Electrical and Computer Engineering (IJECE), indexing Scopus Q2 (2021).

[5] Thosporn Sangsawang, Dechrit Maneetham, M. Muktiarni (2021), The Machine Game Automatic for Reading Skill using Internet of Things, *Journal of Engineering Science and Technology*, Special Issue on AASSEEEC2020, pp. 47 – 54. (indexing Scopus Q3.)

## **Book/ Textbooks (Both Thai and International publications)**

[1] Industrial Robotics and Mechatronics Applications, se-ed public company limited.

- [2] C# Language, se-ed public company limited.
- [3] AI and IoT, se-ed public company limited.
- [4] MATLAB, se-ed public company limited.
- [5] Machine Vision, se-ed public company limited.

### **Research funds (Within the last five (5) years)**

[1] Exoskeleton for Hemiplegia and Paraplegia, scholarship from Department of Empowerment

of Person with Disabilities. 2018.

[2] Exoskeleton Robot for shoulder, elbow and wrist, scholarship from National Research

Council of Thailand 2018

[3] Development SCARA Robot 3 axis, scholarship from National Research Council of Thailand 2017.