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
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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.