

別紙2

Professor's Name	Department (in Thammasat)	Research Topic	Number of KOSEN Students Acceptable	Background Knowledge Required	Period Acceptable	Remarks
Dr. Pongphan Leelatien	Department of Electrical and Computer Engineering Faculty of Engineering	Research topic: RF/Microwave Engineering: Compact antenna; Microwave Resonator Sensors for Material/Tissue Characterization; RFID Antennas/Sensors	2	Interest in RF/antennas/sensors and be comfortable with basic engineering fundamentals. Students should be open to learning EM simulation tools (Ansys HFSS).	Flexible; internship period will be coordinated case-by-case.	Project-based internship with weekly progress meeting. Tasks may include EM simulation, prototyping/PCB, and measurement support. Lab safety & equipment handling required; students should bring own laptop if possible.
Dr.Surasak Phetmanee	Electrical and Computer Engineering	1 Cyber vulnerability analysis using security game models and formal verification (This study is supported by Thammasat University Research Fund, Contract No. TUFT 026/2569) 2 Formal verification in autonomous systems, as demonstrated in the example at https://www.prismmodelchecker.org/casestudies	3-5	Computer Engineering / Computer Science / Software Engineering	Jan - Dec 2026	N/A
Dr. Jidsucha Darayen	Chemical Engineering	surface development of activated carbon for heavy metal adsorption	1	Materials, Chemistry	3 months	
Dr. Wanwisa Skolpap	Chemical Engineering	DNA isolation by magnetic nanoparticles 1	1	Chemistry or Chemical Engineering	3-4 months	
Assoc.Prof. Malee Santikunaporn	Chemical Engineering	Electrospun carbon nanofibers for efficient CO2 adsorption and supercapacitor application This year	1-2	Not required, but prior experience in material preparation or electrochemical property	this year	
		Heterogeneous catalytic conversion of CO2 1-2	1-2	characterization will be good.	this year	
Dr. Veronica Winoto	Chemical Engineering	Antioxidants from agricultural waste using subcritical ethanol extraction	2	General science	2 week to month	Aug. - Oct.