

ข้อมูลอาจารย์มหาวิทยาลัยเกษตรศาสตร์

ชื่อ นายกาญจนพันธุ์ สุขวิชชัย ตำแหน่งทางวิชาการ รองศาสตราจารย์	สังกัด ภาควิชาวิศวกรรมไฟฟ้า คณะวิศวกรรมศาสตร์
การดำรงตำแหน่งบริหาร -	
การศึกษา Doctor of Engineering (Mechatronics), Asian Institute of Technology, ไทย, 2557	
สาขาเชี่ยวชาญ/สนใจ Robotic, Control, AI, Computer System, Embedded System	
งานสอน 3D Product Design and Prototyping Advanced Research Methodology in Electrical Engineerin Advanced Research Methodology in Electrical Engineering II App. Artificial Neural Networks & Fuzzy Logic Applied Artificial Neural Networks and Fuzzy Logic Applied Neural Network and Fuzzy Logic Artificial Intelligence System for Robots Electrical Engineering Laboratory I Electrical Engineering Project I Electrical Engineering Project II Embedded Control Systems Introduction to Dynamic Control Introduction to Robotic Systems Microprocessor Microprocessor Laboratory Nonlinear Control Systems Process Control Laboratory Real-Time Computer Control Research Methodology in Electrical Engineering II Select Topic Ctrl & Measure Engine Selected Topics in Electrical Engineering Seminar ปฏิบัติการวิศวกรรมไฟฟ้า ไมโครโปรเซสเซอร์	
โครงการวิจัย ปี 2551 โครงการวิจัยพัฒนาเครื่องผลิตแผ่นพิมพ์ลายวงจรต้นแบบหนึ่งหน้า แบบอัตโนมัติ (หัวหน้าโครงการ) ได้รับทุนจากคณะวิศวกรรมศาสตร์ มหาวิทยาลัยเกษตรศาสตร์ ปี 2551 โครงการวิจัยพัฒนาด้านแบบหุ่นยนต์สำรวจอาคารและกำจัดปลวก (หัวหน้าโครงการ) ได้รับทุนจากกรมยุทธโยธาทหารบก กระทรวงกลาโหม ปี 2559-2560 โครงการพัฒนา ระบบหุ่นยนต์เตะฟุตบอลขนาดเล็ก เพื่อการศึกษา (หัวหน้าโครงการ) ได้รับทุนจากทุนพัฒนาผลิตภัณฑ์นวัตกรรม	
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ตำแหน่งทางวิชาการ รองศาสตราจารย์	สังกัด ภาควิชาวิศวกรรมไฟฟ้า คณะวิศวกรรมศาสตร์
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รางวัลผลงานนำเสนอในการประชุมวิชาการ <ul style="list-style-type: none">- Best Paper Award ประจำปี 2559 เรื่อง "Optimal Robust Controller for a BallRiding Robot" จาก The Institute of Electronics and Information Engineers (IEIE), Korea The Institute of Electronics, Information and Communication Engineers (IEICE), Japan The Electrical Engineering / Electronics, Computer, Telecommunications and Information Association, Thailand- Best Paper Award Bronze Prize ประจำปี 2559 เรื่อง "Design of a Fuzzy Logic Adaptive Optimal Robust Controller for a BallRiding Robot" จาก The Institute of Electronics and Information Engineers (IEIE) & IEEE- Best Paper Award ประจำปี 2560 เรื่อง "Design of the Multitasks Multiprocessors System for an Underwater Robot" จาก มหาวิทยาลัยเกษตรศาสตร์, มหาวิทยาลัยธรรมศาสตร์ (SIIT), Tokyo Institute of Technology (ญี่ปุ่น), สวทช และ IEEE Thailand Section- Best Paper Award ประจำปี 2561 เรื่อง "Hidden Dot Patterns Recognition using CNNs on Raspberry Pi Zero W" จาก Thai Embedded Systems Association (TESA), Tokyo Institute of Technology (Japan), Faculty of Engineering in cooperation with Embedded System R&D Group Khon Kaen University, Sirindhorn International Institute of Technology Thammasat University, Rajabhat Mahasarakham University, Kasetsart University- Best Paper Award Control and Robotic ประจำปี 2565 เรื่อง "Investigate GPS Signal Loss Handling Strategies for a Low Cost MultiGPS system based Kalman Filter" จาก ECTI, IEEE- Best Paper Award ประจำปี 2566 เรื่อง "Implementation of a Monocular ORB SLAM for an Indoor Agricultural Drone" จาก IEEE, ECTI, IAIT, TRS, IEEE-CSST	

ผลงานวิจัยนี้เป็นรายการรวบรวมระหว่างปี 1 มกราคม 2551 - 17 มกราคม 2568