Name :   Chan Anyapo

Date of Birth: April 4,1983

Address: 99/6 Oneder Kaset Condominium,Soi Ngamwongwan 59,

Lat Yao, Chatuchak , Bangkok, 10900

Email: anyapo.chan@gmail.com **Mobile phone**: 0844592155

Website : **https://electronicspit.tech/**

Research Interests: His background experiences range from power electronics, wireless power transfer and microcontroller. His current research focuses on high power wireless power transfers, Microprocessor and Embedded System, Internet of Things (IoT) and Robot Operating System(ROS).

Educations:

(2022) Doctor of Engineering (Electrical Engineering), Kasetsart University,Thailand

Thesis title: "Development of Wireless Power Transfer Systems and

Control Strategies for Static and Dynamic Wireless Charging Applications ".

GPA:4.00

(2010)   Master of Engineering (Electrical, Electronics and Information Engineering)

Nagaoka University of Technology,Niigata, Japan

Thesis title: "Development of Four-Quadrant Chopper for Two DC Motor Drives

of Electric Wheelchair".

GPA : 3.20

(2007) Bachelor of Engineering (Electronics and Telecommunication Engineering)

Pathumwan Institute of Technology, Bangkok, Thailand

Thesis title: "Fuel Cells Application for the Electric Wheelchair".

GPA: 3.44

(2002) Certificate (Electronics Vocational), Roi-Et Technical Collage

(1999) Kee-Lek Pittayakom School (Junior High school Education)

（1996）Ban jig school（Elementary Education

Academic Position：

（2021 – present）Assistant Professor

Working Experiences：

（2013 - present）Lecturer（Department of Electrical Engineering,

　　　　　　（Pathumwan Institute of Technology）

（2011 -2013）Engineer（Western Digital（Thailand）Co.,Ltd.）

（2010 -2011）Research Assistant（NECTEC, Thailand）

Courses Instructor

Master Degree：

1. Engineering Optimization,
2. Modern Computer Programming for Electrical Engineering

Bachelor Degree：

1. Digital Circuits and Microcontroller
2. Digital Circuits and Embedded System
3. Computer Programming
4. Microwave Engineering
5. Control System
6. Electronics and Telecommunication Engineering Laboratory I
7. Electronics and Telecommunication Engineering Laboratory II
8. Engineering Electronics Laboratory
9. Electric Circuit Laboratory

Diploma

1. Digital Circuits and Microcontroller

Research Projects：

1. （2019）Automatic High-speed Train Control based on Artificial Intelligent
   Funding：The Research Center for Development, Testing and Transferring of High-Speed Train Technology in Thailand Project, hosted by King Mongkut's Institute of Technology Ladkrabang.
   Status：Completed
2. （2019）Development of Dynamic Wireless Power Transfer for High-Speed Train

Funding: The Research Center for Development, Testing and Transferring of High-Speed Train Technology in Thailand Project, hosted by King Mongkut's Institute of Technology Ladkrabang.

Status: Completed

3. (2021) Development of Dynamics Wireless Battery Charging System for Electric Vehicle

Funding: Pathumwan Institute of Technology

Status: Completed

Awards :

1. Best Paper Award ,The 14th International Conference on Electrical Engineering, Electronics, Computer, Telecommunications and Information Technology or ECTI-CON 2017. June 27-30,2017, Phuket, Thailand

2. Best Paper Award , The 2017 International Electrical Engineering Congress, iEECON2017, March 8-10, 2017, Pattaya, Thailand

3. 2nd Place of Robot Art 2017, USA, Under CMIT ReArt Team, Department of Electrical Engineering, Kasetsart University, Bangkok, Thailand.

4. Outstanding researcher in research publications Pathumwan Institute of Technology, 2nd time, 2019

Publications:

Journals :

[1] K. Saito, C. Anyapo, P. Kamjitjam and T. Noguchi: "Development of an Electric Wheelchair System Using PEM Fuel Cell", Journal of Asian Electric Vehicles, Vol. 7, No. 1, pp.1185-1190, 2009.

[2] Varachitchai, N., Anyapo, C., Mitsantisuk, C., Shadow and Mirror Mode Bilateral Control for a Tele-Operated Robot System, (2017) International Review of Automatic Control (IREACO), 10 (3), pp. 267- 273.

doi:https://doi.org/10.15866/ireaco.v10i3.10869

[3] Anyapo, C., N. Teerakawanich and C. Mitsantisuk. Development of Multi-coiled Dynamic Wireless Power Transfer for Electric Vehicle. International Review of Electrical Engineering (IREE), Vol 17, No 2 (2022), pp.185-195.

DOI: https://doi.org/10.15866/iree.v17i2.21583

Conferences :

1. C. Anyapo and P. Intani, "Wireless Power Transfer for Autonomous Underwater Vehicle," 2020 IEEE PELS Workshop on Emerging Technologies: Wireless Power Transfer (WoW), Seoul, Korea (South), 2020, pp. 246-249, doi: 10.1109/WoW47795.2020.9291324.
DOI: 10.1109/WoW47795.2020.9291324

2. C. Anyapo and P. Intani ," Development of Long Rail Dynamic Wireless Power Transfer for High-Speed Train" The 16th International Conference on Electrical Engineering,Electronics, Computer, Telecommunications and Information Technology or ECTI-CON 2019. July 10-13, 2019, Pattaya, Thailand,2019, pp.582-585.

3. C. Anyapo, "Development of Long Rail Dynamic Wireless Power Transfer for Battery-Free Mobile Robot," 2019 10th International Conference on Power Electronics and ECCE Asia (ICPE 2019 - ECCE Asia), Busan, Korea (South), 2019, pp. 1-6.

URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8796909&isnumber=8796487

4. C. Anyapo, N. Teerakawanich, C. Mitsantisuk and K. Ohishi, "Development of Wireless Power Transfer with Primary-Side Current Mode Control Capability Using Virtual-Current Source Resonant Inverter," IECON 2018 - 44th Annual Conference of the IEEE Industrial Electronics Society, D.C., DC, USA, 2018, pp. 4805-4809.

  doi: 10.1109/IECON.2018.8591170

5. C. Anyapo, N. Teerakawanich, C. Mitsantisuk and K. Ohishi, "Experimental Verification of Coupling Effect and Power Transfer Capability of Dynamic Wireless Power Transfer," 2018 International Power Electronics Conference (IPEC-Niigata 2018 -ECCE Asia), Niigata, 2018, pp. 3332-3337.

doi: 10.23919/IPEC.2018.8507665

6. C. Anyapo, N. Teerakawanich and C. Mitsantisuk ,"Development of multi-coils full-bridge resonant inverter for dynamic wireless power transfer" The 14th International Conference on Electrical Engineering,Electronics, Computer, Telecommunications and Information Technology or ECTI-CON 2017. June 27-30, 2017, Phuket, Thailand,2017, pp.588-591.

7. C. Anyapo, N. Teerakawanich and C. Mitsantisuk , "Phase-shift phaselock loop (PLL) control for wireless power transmission system using primary-side information", in Proc. of the 2017 International Electrical Engineering Congress, iEECON2017, 8-10 March, Pattaya,Thailand,2017,pp.815-818.

8. C. Anyapo, K. Saito and T. Noguchi : "Full-Bridge Chopper for Driving Two DC Motors with Reduced Counts of Switching Devices",   Proceedings of Niigata Branch of IEEJ,   IEEE-13,   pp.143,   2008.

9. C. Anyapo, K. Saito and T. Noguchi : "Four-Quadrant Operation of Two DC Motors with Three-Leg Full-Bridge Chopper Incorporated Voltage Boost Function", The 2009 Annual Meeting I.E.E. Japan, pp.42-43, 2009.

10. C. Anyapo, T. Noguchi and K. Saito : "Four-Quadrant Chopper for Two DC Motor Drives of Electric Wheelchair", Technical Meeting on Semiconductor Power   Converter and Linear Drives, IEE Japan, pp.55-60, 2009.

11. C. Anyapo, K. Saito, T. Noguchi : "Design and Implementation of New DC Motor Drive Circuit for Electric Wheelchair Using PEM Fuel Cell", International Symposium on Engineering, Energy and Environment (ISEEE2009), pp.468-473, 2009.

Training Instructor History:

(2023) Training Instructure

      Workshop on Computer Programs for Electrical Engineering Design (LabVIEW)

      Training at Pathumwan Institute of Technology (9-10 June 2023)

(2023) Workshop Instructure

      Workshop on Embedded Systems and Internet of Things Fundamentals Workshop

      Training at Pathumwan Institute of Technology (26 May 2023)

(2022) Training Instructure

      Workshop on Computer Programs for Electrical Engineering Design (LabVIEW)

      Training at Pathumwan Institute of Technology (28-29 May 2022)

(2020) Training Instructure

      Workshop on LabVIEW Programming with Arduino in Industrial Applications

      Training at Nakhon Pathom Rajabhat University (12-13 March 2020)

(2017) Training Instructure

      Workshop on Computer Programs for Electrical Engineering Design (LabVIEW)

      Training at Pathumwan Institute of Technology (18-19 March 2017)

(2016) Training Instructure

      Workshop on Computer Programs for Electrical Engineering Design (LabVIEW)

      Training at Pathumwan Institute of Technology

(2015) Training Instructure

      Workshop on Computer Programs for Electrical Engineering Design (LabVIEW)

      Training at Pathumwan Institute of Technology

(2014) Workshop Instructure for ME@PT training project

      It is a training to prepare for the examination for obtaining a professional engineering certificate. Computer Programming course organized training at Pathumwan Institute of Technology.