

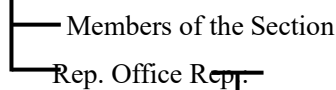
Annual Activity Report of IEICE Bangkok Section

Date of Report : 31 January 2021

Reporter : Asst. Prof. Dr. Widhyakorn Asdornwised,
Chulalongkorn University

1. Organization

Assembly of the Section



Rep. Office Rep.:	Asst. Prof. Dr. Widhyakorn Asdornwised (widhyakorn.a@chula.ac.th)
Deputy Rep.:	Dr. Theerawit Wilaiprasitporn
Secretary:	Assoc. Dr. Chuwong Pongjareonpanich
Treasurer:	Dr. Jessada Karnjana (jessada.karnjana@nectec.or.th)
Advisory Committees:	Dr. Supavadee Aramvith, Dr. Watit Benjapolakul, Prof. Dr. Prasit Prapinmongkolkarn, Dr. Tuptim Angkaew

2. Strategy of the Section

- To promote and recruit more IEICE membership and paper submission, especially Thai and neighboring young ECE members
- To strengthen member engagement and research networking among Thailand, Japan, and international collaborated activities, e.g., NICT Asia Center, ASEAN-IVO affiliated by NICT Japan, Embassy of Japan, Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI), and National Broadcasting and Telecommunication Commission (NBTC)
- To set up joint activities among IEICE at regional level (Workshop, Conference, Researcher Visiting, or Invited Talks), e.g., ICETC 2020, Workshop on Introduction to Machine Learning for Bio-signal Processing 5G Chulalongkorn University Workshop Series

3. Membership Development Policy

- Organize small scale to large scale events (workshop/conference/lecture/others) to be able to promote IEICE as many times as possible during each fiscal year
- Encourage members to also organize events in each part of Thailand to engage more members
- Promote graduate students to publish in IEICE Transactions as the sufficient conditions for their MS and Ph.D.

4. Results of Activities During the 2019/2020 Fiscal Year (April 2019~ March 2020)

4.1 Conference/Symposium/Workshop

- International Technical Conference on Circuits/Systems, Computers and Communications, ITC-CSCC, July 3-6, 2020, Nagoya, Japan (~ 200 participants)
- Dr. Theerawit Wilaiprasitporn, "Explainable Deep Convolutional Neural Network in EEG Seizure Onset Prediction," Invited papers, ICETC 2020, Dec. 2-4, 2020 (~ 50 participants)
- 5G Chulalongkorn University Workshop Series, Dr. Theerawit Wilaiprasitporn, "Workshop on Introduction to Machine Learning for Bio-signal Processing," Dec. 21, 2019, Chulalongkorn University, Thailand (~ 50 participant)

4.2 IEICE Sponsored Lecture (Including Participant Number)

4.3 The Other Events in Collaboration with IEICE Hqs or Domestic Sections, if Available

- Dr. Theerawit Wilaiprasitporn, "Explainable Deep Convolutional Neural Network in EEG Seizure Onset Prediction," Invited papers, ICETC 2020, Dec. 2-4, 2020
- Dr. Widhyakorn Asdornwise, International Advisory Committee, ICETC 2020, Dec. 2-4, 2020

4.4 Improvement of the Section (Membership Evolution, Advertisement of Activities, Publication, etc.)

- Jointly organize conference/workshop/symposium with IEEE Thailand Section and ECTI Association

- Organize workshop/event/short training courses with regional Country, NBTC, wireless operators, and NICT Japan

Review and Future Plan

(1) Items in 2020 Fiscal Year Plan Which Could Not Be Achieved, and Expected Solution

- All the proposed actions are successfully accomplished

(2) Activity Plan in 2020 Fiscal Year

- Promotion of the IEICE Bangkok Section website
- Promotion of ICETC 2020, 2020 International Conference on Emerging Technologies for Communications (organized by IEICE Hqs.)
- Thailand-Japan Microwave (TJMW) 2020 was cancelled due to the COVID-19 pandemic
- Participate in ASEAN-IVO Forum 2021 (affiliated by NICT Japan)

5. Constructive Opinion/Request/Proposal