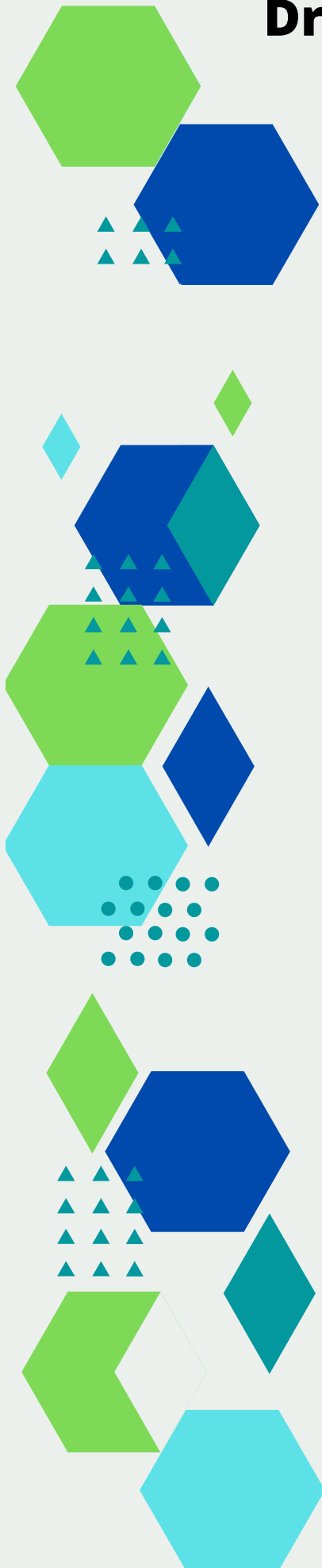
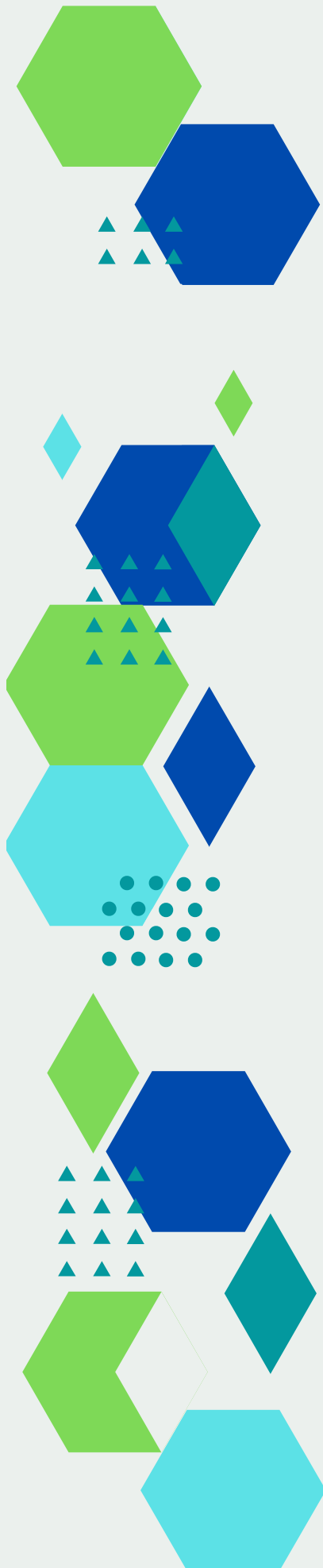


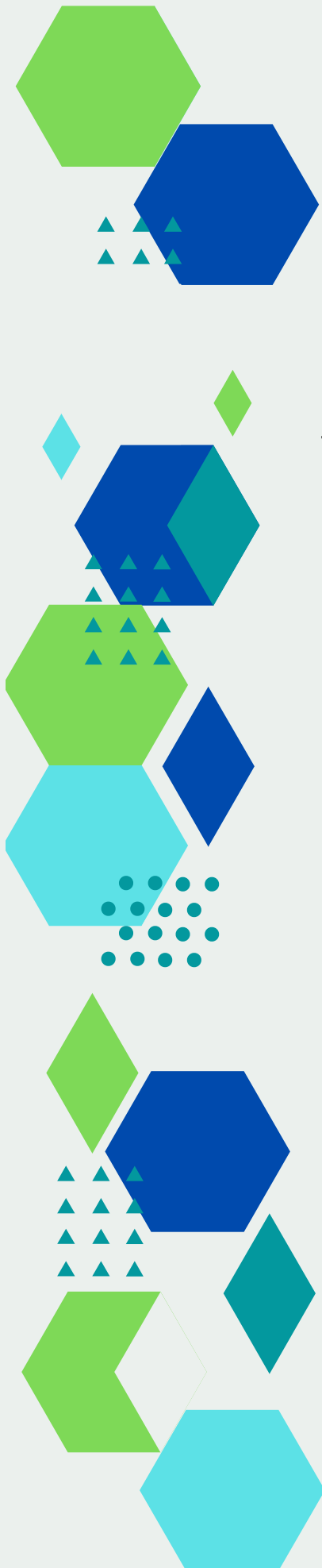
Associate Professor Ts. Dr. Thomas Moh Shan Yau

Dr. Thomas Moh (T.S.Y. Moh) received his Doctorate degree (PhD) from Electronic Components, Technology and Materials (ECTM), Department of Microelectronics, Technical University of Delft in The Netherlands, His main research topic was IC Compatible Wafer Level Fabrication of Silicon Nanowire Field Effect Transistors for Biosensing Applications under supervision of Prof. Dr. Pasqualina M. Sarro (appointed as Antoni van Leeuwenhoek professor). Prior to his engagement with TU Delft, he joined Microsystems Lab at Royal Institute of Technology Stockholm, Sweden to work on fabrication and packaging of microfluidics for European FP6 project as a researcher. Preceding to this, Dr. Thomas obtained his Master of Science degree in bio-photonics from École Normale Supérieure de Cachan, Paris which is one of the Grandes Écoles where the country's future elite are taught and are the most prestigious higher education institutions in France. PHe was under the full sponsorship from European Union's Erasmus Mundus. Dr. Thomas received his early engineering degree (with Honours) from University Technology of Malaysia in Electrical Engineering in 2005.





A year later, he received his Master of Engineering from the same university. Being involved in multidisciplinary researches, he forged a strong understanding and collaboration/consultation with various industry partners in the field of semiconductor fabrication and sensors/actuators such as Nanosens, ASML and etc. Keeping his hometown dearly to his heart, he returned to Malaysia under Returning Expert Programme (REP) by TalentCorp, an agency under the Prime Minister's Department Malaysia government back in 2014 (after 9-10 years overseas). Upon returning, he joined University College of Technology Sarawak which is located at his hometown, Sibul, Sarawak. He started as a Senior Lecturer in School of Engineering and Technology before being promoted to Assoc. Prof. two years later. In addition to bread-and-butter as an academician, he headed iLeD (Industrial Linkages and Entrepreneurial Development) Centre as the first director with the purpose of bridging and narrowing the existing barriers between academia and industries in Sarawak. After 5 years, he rotated on to Centre of University Courses and Innovative Learning (UCiL) which deals closely with academic common subjects (e.g. entrepreneurship, ethnic relations and etc) which is in line with "Falsafah Pendidikan Kebangsaan" by Kementerian Pendidikan Tinggi and vision/mission of the university.



In addition, he involved himself actively in research as well. His main areas of expertise are Microsystems, (Bio)Sensors, MEMs/NEMs/Bio-MEMs, Microfluidics, Nanomaterials, Semiconductor Fabrication Technology, Renewable Energy Technology, Power System and others. He has authored and co-authored various journal, book chapters and conference papers as per indicated in Google Scholars, Scopus. He also acts as reviewer for a number of international technical journals such as IEEE, local conferences/journals. In addition, he is also editors for journals such as Transaction of Science and Technology and organizing committee of series of international conferences such International Conference of Science and Technology from 2018 - 2020. Naturally, he also acts as the session chair during those conferences. He is also a graduate member for Board of Engineer Malaysia (BEM), The Institute of Engineering and Technology, IET UK, Institute of Engineers Malaysia, IEM and a Professional Technologist from Board of Technologist Malaysia (MBOT).