



ACADEMIA INFO

Google Scholar :
Irdyanti Mat Nashir

AREAS OF EXPERTISE

Pendidikan Teknikal dan
Vokasional
TVET, Electronic & Electrical
Eng., STEM (Electronics,
Drones, Renewable Energy,
Semiconductor)

SUPERVISION

PhD

Completed : 1
Ongoing : 5

Master

Completed : 11
Ongoing : 8

Scan here to see
my EXPERT@UPSI



Profesor Madya Dr. Irdyanti binti Mat Nashir

✉ irdayanti@ftv.upsi.edu.my

☎ 054505528

📍 Faculty Of Technical And Vocational
Universiti Pendidikan Sultan Idris (UPSI)

BIOGRAPHY

A lecturer from the Faculty Of Technical And Vocational , Universiti Pendidikan Sultan Idris, Tanjung Malim, Perak, Malaysia. Specializes in TVET, Electronic & Electrical Eng., STEM (Electronics, Drones, Renewable Energy, Semiconductor).

ACADEMIC QUALIFICATION

- 2016 **Ijazah Doktor Falsafah (Pendidikan Teknikal dan Vokasional)**
Universiti Pendidikan Sultan Idris, Tanjung Malim
- 2006 **Ijazah Sarjana (Pendidikan Teknikal dan Vokasional)**
Universiti Tun Hussein Onn Malaysia (UTHM)
- 2005 **Ijazah Sarjana Muda (Kejuruteraan Elektrik)**
Universiti Tun Hussein Onn Malaysia (UTHM)

RESEARCH

- 1 Membangunkan Kerangka Kepimpinan Baharu Pemimpin Dalam Sistem Pendidikan Teknikal Dan Vokasional Di Malaysia (AKEPT LEADERSHIP INTELLECTUAL DISCOURS (ID) PROJECT)
2021 Leader Kementerian Pengajian Tinggi
- 2 Pembangunan Taksonomi Kemahiran Pembelajaran Vokasional Moden Sebagai Satu Model Pembelajaran Revolusi Industri 4.0. (A Taxonomy Of Future Vocational Learning Skills As A New Learning Model For Industrial Revolution 4.0)
2021 Leader Kementerian Pengajian Tinggi
- 3 Analisis Ciri-Ciri Dan Bakat Pencipta Pekerjaan (Job Creator) Dalam Kalangan Graduan Institusi Teknikal Yang Menjadi Teknousahawan Dan Pembangunan Model Baharu Pencipta Pekerjaan (Model Of Job Creator)
2024 Leader Universiti Pendidikan Sultan Idris
- 4 Recent Developments On School Leadership Pin Indonesia And Malaysia By Using Delphi Technique
2020 Leader Universiti Pendidikan Sultan Idris
- 5 PEMBANGUNAN SIMULASI ROBOTIK DALAM PENGAJARAN DAN PEMBELAJARAN ELEKTRONIK REVOLUSI PENDIDIKAN 4.0
2019 Leader Universiti Pendidikan Sultan Idris

RESEARCH

- 6 Pembangunan Konstruk Dan Model Pengukuran Kepimpinan Instruksional Berinovatif Dalam Konteks Pendidikan Teknikal Dan Vokasional
2018 Leader Universiti Pendidikan Sultan Idris
- 7 Impact Of ECCE On Human Capital Development
2020 Member
- 8 Pembangunan Dan Kebolegunaan Permainan Digital Maya (Scratch) Pada Topik Elektrik
2024 Member Universiti Pendidikan Sultan Idris
- 9 PEMBANGUNAN DAN PENILAIAN KERANGKA KURIKULUM DIPLOMA TEKNOLOGI KENDERAAN ELEKTRIK DI PERINGKAT IPTA MALAYSIA
2025 Member Universiti Pendidikan Sultan Idris
- 10 Soilless Media Production Techniques And Integration Of IoT Sensor Node For Monitoring Water Use Efficiency And Nutrient Status For High Yield Rock Melon
2022 Member Universiti Pendidikan Sultan Idris
- 11 Developing A Framework Of Anxiety Assessment Index To Enhance The Junior Archer's Performance
2022 Member Universiti Pendidikan Sultan Idris
- 12 Using The SCAMPER Technique For Multimedia Asset Creation To Improve Creative Expression And Critical Thinking Skill In Fashion Design
2020 Member Universiti Pendidikan Sultan Idris
- 13 PEMBANGUNAN MODUL MULTIMEDIA INTERAKTIF UNTUK TOPIK MEMBUAT PAKAIAN TINGKATAN EMPAT
2019 Member Universiti Pendidikan Sultan Idris
- 14 PEMBANGUNAN MODUL PEMBELAJARAN KENDIRI MIKROPENGAWAL ARDUINO UNTUK PELAJAR MINOR PROGRAM REKA BENTUK DAN TEKNOLOGI DI FAKULTI TEKNIKAL DAN VOKASIONAL
2019 Member Universiti Pendidikan Sultan Idris
- 15 FAKTOR TARIKAN DAN TOLAKAN ENROLMEN PELAJAR KE INSTITUSI LATIHAN TEKNIKAL DAN PENDIDIKAN VOKASIONAL (TVET) DI MALAYSIA
2018 Member Universiti Pendidikan Sultan Idris
- 16 Kajian Persepsi Pensyarah Fakulti Teknikal Dan Vokasional Universiti Pendidikan Sultan Idris Terhadap Penilaian Purata Nilai Gred Kumulatif Bersepadu (iCGPA)
2018 Member Universiti Pendidikan Sultan Idris
- 17 Sustainability For Construction Management Education: Where Are We?
2018 Member Universiti Pendidikan Sultan Idris
- 18 Pembentukan Model Orientasi Perkembangan Kerjaya Wanita Dalam Bidang Teknikal Di Malaysia
2018 Member Universiti Pendidikan Sultan Idris

- 19 Identification Of Food Handling Practices In Malaysian School Canteens And A Formation Of A Taxonomy For Gastronomic Hygiene
 2026 Member
-
- 20 Pembangunan Taksonomi Vokasional Sebagai Satu Model Kesejahteraan Untuk Kelestarian Sosial Dan Ekonomi Negara (TN50)
 2022 Member Kementerian Pengajian Tinggi
-
- 21 Indicators For Ethical Assessment In The Protection Of Farmers' Right Arising From Genetically Modified Crops In Malaysia
 2022 Member Universiti Teknologi Mara
-
- 23 Pembangunan Taksonomi Vokasional Sebagai Satu Model Kesejahteraan Untuk Kelestarian Sosial Dan Ekonomi Negara (TN50)
 2022 Member Kementerian Pengajian Tinggi
-
- 24 Cadangan Projek Kajian Sistem Teknologi Solar Termaju Di Universiti Pendidikan Sultan Idris
 2026 Member
-
- 25 Development Of University–Industry Collaboration Model For Small And Medium Industries In Malaysia And Indonesia
 2023 Member Universiti Pendidikan Sultan Idris
-
- 26 Design Of Magneto Rheological Suspension System Of C–class Car Segment Using Spencer Model
 2022 Member Universiti Pendidikan Sultan Idris
-
- 27 Structural And Electrochemical Properties Of MgNiSiO₄ Cathode Material For Rechargeable Magnesium Battery Prepared Using Solid–state Reaction
 2022 Member Universiti Pendidikan Sultan Idris
-
- 28 Resistor Value Checker (RVC) Kit
 2018 Member Universiti Pendidikan Sultan Idris

PUBLICATIONS

- 1 **Application of Beidou Navigation Signal Enhancement Technology in Agricultural Machinery Operation Under a Complex Farmland Environment**
 Natural and Engineering Sciences Journal
 2025 Google Scholar Co–Author
 Correspondence Author
-
- 2 **A Systematic Literature Review: Exploring the Integration of Technology in Green Entrepreneurship Education**
 Journal of Advanced Research in Applied Sciences and Engineering Technology
 2026 Malaysian Citation Index Co–Author
 Correspondence Author

- 3 **The Development of Augmented Reality Application in Electronic Design Topic under Design and Technology: Application Design Validation**
Semarak International Journal of Electronic System Engineering
2024 Google Scholar Co-Author
Correspondence Author
- 4 **The Development of Electronic Topic Module with Integrated 2D Simulation and Augmented Reality Application: Module Validity**
International Journal of Modern Education
2024 Malaysian Citation Index Co-Author
Correspondence Author
- 5 **Integrating Augmented Reality Technology in the Internet of Things Learning: A Systematic Review**
Journal of Advanced Research in Applied Sciences and Engineering Technology
2024 SCOPUS Co-Author
Correspondence Author
- 6 **JOB CREATORS OF FRESH GRADUATES IN TECHNICAL INSTITUTIONS**
International Journal of Professional Business Review
2024 Google Scholar First Author
- 7 **Application of Rasch Measurement Model to Analyze Instrument of Quality of Early Childhood Care and Education in Malaysia**
World Journal of English Language
2022 Google Scholar First Author
- 8 **The Development of the Future Learning Skills for Graduates in TVET by using Focus Group Discussion**
Jurnal Kejuruteraan
2022 Web of Science First Author
- 9 **Pembangunan Modul Multimedia Interaktif bagi Pembelajaran Sains Rumah Tangga Sekolah Menengah Harian di Malaysia**
Jurnal Pendidikan Asian (ASPEN)
2022 Academic Journal First Author
- 10 **Application of the Delphi Technique in Technical and Vocational Leadership**
Psychology and Education
2020 Google Scholar Correspondence Author
- 11 **Technical Education Lecturers Knowledge of Students Engagement in Application of Interactive Instructional Strategies**
Journal of Technology and Humanities (JTH)
2021 Non Index Correspondence Author
- 12 **Delphi Technique: The Future of Vocational Learning Skills**
International Journal of Psychosocial Rehabilitation
2020 Excellent Research Australia (ERA) Correspondence Author
- 13 **The Future of Leadership Framework in Malaysia Education Systems**
International Journal of Psychosocial Rehabilitation
2020 Excellent Research Australia (ERA) Correspondence Author

- 14 **Delphi Method: The Development of Robotic Learning Survey in Tertiary Education**
Journal of Vocational Education Studies
2019 Google Scholar Correspondence Author
-
- 15 **Modified Delphi Technique: The Development of Measurement Model for Innovative Instructional Leadership in Technical and Vocational Education Systems**
Journal of Technical Education and Training
2020 SCOPUS Correspondence Author
-
- 16 **A New TVET Leadership Model: Combination of Innovative and Instructional Paradigms**
Journal of Asian Vocational Education and Training
2019 Academic Journal Correspondence Author
-
- 17 **Development of Innovative Instructional TVET Leadership Measurement Model based on Modified Delphi Technique**
Journal of Asian Vocational Education and Training
2018 Academic Journal First Author
-
- 18 **DEVELOPMENT OF INNOVATIVE INSTRUCTIONAL LEADERSHIP MEASUREMENT MODEL IN TECHNICAL AND VOCATIONAL SYSTEM**
Journal of Human Capital Development
2018 Malaysian Citation Index First Author
-
- 19 **Smart HVAC Filtration Monitoring for Indoor Air Quality (IAQ): Enhance Efficiency and Environmental Sustainability**
Semarak Climate Science Letters
2025 Google Scholar Co-Author
-
- 20 **Assessing AR-MicroC: A Study on the Reliability and Validity of an AR Learning Module for IoT**
International Journal Of Advance Research In Computational Thinking and Data Science
2025 Google Scholar Co-Author
-
- 21 **Can Eco-Engineering Minds be Enhanced A Study of Malaysian Polytechnic Students in Green Entrepreneurship Education**
International Journal of Modern Education
2024 Malaysian Citation Index Co-Author
-
- 22 **Advanced Multisystem Aquaponic with the Photovoltaic Solar Power Technology**
International Journal of Research and Innovation in Social Science (IJRISS)
2025 Excellent Research Australia (ERA) Co-Author
-
- 23 **Integrating ADDIE Model in Module Development of Metaverse Learning in Secondary School: A Need Analysis**
Jurnal Penyelidikan Akademik IPGM
2024 Academic Journal Co-Author
-
- 24 **KESAN MODUL PEMBELAJARAN AUGMENTED REALITY AR-MICROC TERHADAP PENCAPAIAN PELAJAR DI KOLEJ KOMUNITI MALAYSIA**
International Journal of Modern Education
2024 Malaysian Citation Index Co-Author

- 25 **Transforming Technical Education: The Effect of the AR MicroC Augmented Reality Learning Module on Students Achievement**
Journal of Advanced Research in Social and Behavioural Sciences
2024 Google Scholar Co-Author
-
- 26 **Challenges for Compliance with Industrial Effluent Regulations—An Industry Perspective**
Challenges
2024 Google Scholar Co-Author
-
- 27 **Transforming Technical Education: The Effect of the AR–MicroC Augmented Reality Learning Module on Students Achievement**
International Journal of Advanced Research in Future Ready Learning and Education
2024 Academic Journal Co-Author
-
- 28 **Advance Solar Design for Electric Vehicle Storage in Universiti Pendidikan Sultan Idris**
Journal of Technology and Humanities
2024 Academic Journal Co-Author
-
- 29 **Investigating Future Learning of Electronic Module Through Thematic Analysis in Secondary School: A Need Analysis**
Journal of Technology and Humanities
2024 Academic Journal Co-Author
Correspondence Author
-
- 30 **EVALUATING THE RESULT OF WORK–BASED LEARNING TEACHING MODEL AT RISE@UPSI**
The Evaluation Studies in Social Sciences(ESSS)/ Asian Education Action Research Jurnal (AEARJ)
2024 Google Scholar Co-Author
-
- 31 **CONTENT VALIDITY : WORKABILITY SKILLS CRITERIA AMONG TECHNICAL FIELD STUDENT IN MALAYSIA**
International Journal of Advanced Research in Education and Society
2023 Malaysian Citation Index Co-Author
-
- 32 **An Innovation of Flap Design for Energy Efficiency Lightweight Flying Vehicle Analysis**
DESIGN, CONSTRUCTION, MAINTENANCE
2024 Academic Journal Co-Author
-
- 33 **Development of Augmented Reality Module in Teaching Internet of Things (IoT) at TVET Institutions: A Needs Analysis**
International Journal of Academic Research in Business and Social Sciences
2024 Excellent Research Australia (ERA) Co-Author
-
- 34 **Nonlinear Forced Vibration Analysis of Two–Directional Functionally Graded Truncated Conical Shells**
International Journal of Structural Stability and Dynamics
2023 SCOPUS Co-Author
-
- 35 **Nonlinear Forced Vibration Analysis of Two–Directional Functionally Graded Truncated Conical Shells**
International Journal of Structural Stability and Dynamics
2023 SCOPUS Co-Author
-

- 36 **Nonlinear Forced Vibration Analysis of Two-Directional Functionally Graded Truncated Conical Shells**
International Journal of Structural Stability and Dynamics
2023 SCOPUS Co-Author
-
- 37 **CONTENT VALIDITY: WORKABILITY SKILLS CRITERIA AMONG TECHNICAL FIELD STUDENT IN MALAYSIA**
Journal of Islamic and Arabic Education
2023 Google Scholar Co-Author
-
- 38 **Anxiety Status of Junior Archers in COVID-19 During Training Isolation Period Towards the Shooting Performance**
International Journal of Public Health Science
2023 SCOPUS Co-Author
-
- 39 **Anxiety Status of Junior Archers in COVID-19 During Training Isolation Period Towards the Shooting Performance**
International Journal of Public Health Science
2023 SCOPUS Co-Author
-
- 40 **Effect of electrical conductivity and Nutrient Concentrations of Soilless Media Monitored with the Internet of Things (IoT) Sensor Nodes on Growth of Rock Melon**
Effects of Organic Fertilizer on Growth Performance and Postharvest Quality of Pak Choy (*Brassica rapa* subsp. *chinensis* L.)
2023 Non Index/Other Index Co-Author
-
- 41 **The moderation role of Industry 4.0 towards business performance in manufacturing firms in Malaysia**
Global Advances in Business Studies (GABS)
2023 Google Scholar Co-Author
-
- 42 **Influence of Composition of Soilless Substrates Monitored with Iot Sensor Nodes on the Growth, Nutrient and Fruit Quality of Rockmelons (*Cucumis melo* Var. *Cantalupensis*)**
Indian Journal of Agricultural Research
2023 SCOPUS Co-Author
-
- 43 **Trends and patterns of needs assessments in technical and vocational education: A thematic review**
International Journal of Evaluation and Research in Education (IJERE)
2022 SCOPUS Co-Author
-
- 44 **Anxiety Status of Junior Archers in COVID-19 During Training Isolation Period Towards the Shooting Performance**
International Journal of Public Health Science
2023 SCOPUS Co-Author
-
- 45 **Demand-supply Mismatch in TVET Academic Programmes: What Is It and What Should It Be?**
Journal of Technical Education and Training
2022 SCOPUS Co-Author
-
- 46 **TOWARDS SUSTAINABLE AGRICULTURE: INVENTING AN IDEAL ETHICAL TOOL FOR MALAYSIAN FARMERS IN GENETICALLY MODIFIED ORGANISMS (GMO) ERA**
International Journal of Academic Research in Economics and Management Sciences
2022 Excellent Research Australia (ERA) Co-Author

- 47 **Importance of safety in a workshop at schools for a safe and effective teaching and learning sessions**
Journal of Technical Education and Training
2021 SCOPUS Co-Author
-
- 48 **Assessing the Implementation of the Project-Based Learning (PJBL) in the Department of Mechanical Engineering at a Malaysian Polytechnic**
Journal of Technical Education and Training
2020 SCOPUS Co-Author
-
- 49 **AWARENESS OF GREEN TECHNOLOGY AMONG ENGINEERING TECHNOLOGY STUDENT**
Journal of Engineering Science and Technology
2019 SCOPUS Co-Author
-
- 50 **AWARENESS OF GREEN TECHNOLOGY AMONG ENGINEERING TECHNOLOGY STUDENTS Awareness of Green Technology Among Engineering TEchnology Students**
Journal of Engineering Science and Technology
2019 SCOPUS Co-Author
-
- 51 **Development of K-Workers Employability Skills Measurements Indicators in Agricultural Sector in Malaysia**
Journal of Technical Education and Training
2019 SCOPUS Co-Author
-
- 52 **Employability Skills Needed by Vocational College Graduates: Feedback from Industries**
Journal of Technical Education and Training
2019 SCOPUS Co-Author
-
- 53 **Construct Validity and Reliability of Manufacturing Industry: A Rasch Measurement Model Approaches for Pilot Study**
International Journal of Academic Research in Business and Social Sciences
2019 Excellent Research Australia (ERA) Co-Author
-
- 54 **Explored the Constructs of Teachers Teaching Supervision in the Subject of Food Services: The Application of the Modified Delphi Technique**
International Journal of Academic Research in Business and Social Sciences
2019 Excellent Research Australia (ERA) Co-Author
-
- 55 **ANALYSIS OF CONTINUOUS CONNECTIVITY IN MOBILE MULTIHOP RELAY NETWORK**
Journal of Engineering Science and Technology
2019 SCOPUS Co-Author
-
- 56 **RESISTOR VALUE CHECKER KIT FOR EDUCATIONAL PURPOSE**
Jurnal Pendidikan IPA Indonesia
2019 SCOPUS Co-Author
-
- 57 **Validation of Technical and Vocational Teachers' Competency Evaluation Instrument Using The Rasch Model**
JURNAL PENDIDIKAN SAINS & MATEMATIK MALAYSIA
2019 Malaysian Citation Index Co-Author

- 58 **RESISTOR VALUE CHECKER KIT FOR EDUCATIONAL PURPOSE**
Jurnal Pendidikan IPA Indonesia
2018 SCOPUS Co-Author
-
- 59 **RESISTOR VALUE CHECKER KIT FOR EDUCATIONAL PURPOSE**
Jurnal Pendidikan IPA Indonesia
2018 SCOPUS Co-Author
-
- 60 **VALIDATION OF MOBILE MULTIHOP RELAY NETWORK MODEL AND CONTINUOUS CONNECTIVITY ANALYSIS**
Journal of Engineering Science and Technology
2019 SCOPUS Co-Author
-
- 61 **The Validity and Reliability of The Teaching Supervision Instruments in Culinary Field: An Analysis of The Rasch Measurement Model**
International Journal of Academic Research in Business and Social Sciences
2020 Excellent Research Australia (ERA) Co-Author
-
- 62 **Pull and Push Factors of Students Enrolment in the TVET Programme at Community Colleges in Malaysia**
Journal of Technical Education and Training
2020 SCOPUS Co-Author
-
- 63 **MODIFIED DELPHI TECHNIQUE IN ANALYSING CONTENTS OF GREEN SKILLS MODULE FOR DESIGN AND TECHNOLOGY SUBJECT**
Journal of Technical Education and Training
2020 SCOPUS Co-Author
-
- 64 **Malaysian Carbon Reduction and Environmental Sustainability Tool (MyCREST) Qualified Professional Training Assessment**
Journal of Technical Education and Training
2019 SCOPUS Co-Author
-
- 65 **AWARENESS OF GREEN TECHNOLOGY AMONG ENGINEERING TECHNOLOGY STUDENTS**
Journal of Engineering Science and Technology
2019 SCOPUS Co-Author
-
- 66 **DEVELOPMENT OF RESISTOR VALUE CHECKER KIT FOR EDUCATIONAL PURPOSE**
Journal of Technical Education and Training
2018 SCOPUS Co-Author
-
- 67 **VALIDATION OF MOBILE MULTIHOP RELAY NETWORK MODEL AND CONTINUOUS CONNECTIVITY ANALYSIS**
Journal of Engineering Science and Technology
2018 SCOPUS Co-Author
-

SUPERVISION

- 1 Research On Greenhouse Agricultural Robots With Variable Chassis Based On AD And TRIZ
2026 PHD International Supervisor Presentation
- 2 Research On The Mechanical Mechanism Of High-Strength Stirrup In High-Strength Concrete Members.
2026 PHD International Co-Supervisor Presentation
- 3 Pembangunan Kerangka Keperluan Perancangan Penawaran Program Pengajian Di Politeknik Malaysia
2023 PHD National Supervisor Completed
- 4 Pembangunan Dan Kesan Modul Keusahawanan Hijau Terhadap Kompetensi Pelajar Diploma Kejuruteraan Di Politeknik Malaysia.
2026 PHD National Supervisor Presentation
- 5 PEMBANGUNAN KERANGKA LATIHAN BERASASKAN KOMPETENSI BAGI MENINGKATKAN PROFESIONALISME DAN LITERASI DIGITAL DALAM KALANGAN PELATIH TVET SEKTOR HARTANAH DI SARAWAK
2026 PHD National Supervisor Presentation
- 6 The Effect Of The PLC Module On Students' Achievement In The Programmable Logic Controller And Automation Course In The Electrical Engineering Department At Malaysia Polytechnic
2026 PHD National Supervisor Presentation
- 7 Kriteria Guru Reka Bentuk Dan Teknologi Terhadap Teknologi Hijau
2020 Master National Supervisor Completed
- 8 Pembangunan Alat Latihan Solar Fotovolta Menggunakan Kaedah Teori Penyelesaian Masalah Secara Inventif (TRIZ)
2022 Master National Supervisor Completed
- 9 Pembangunan Kerangka Kemahiran Pembelajaran Masa Hadapan Pelajar Pendidikan Teknikal Dan Vokasional
2022 Master National Supervisor Completed
- 10 Kerangka Kemahiran Keboleherjaan Dalam Bidang Teknikal Pelajar Kolej Komuniti
2024 Master National Supervisor Completed
- 11 Kesan Penggunaan Modul Pembelajaran Augmented Reality Ar-Microc Terhadap Pencapaian Dan Motivasi Pelajar
2025 Master National Supervisor Completed
- 12 The Effectiveness Of Multi-Electronic-Magnetduino Module With Augmented Reality Application In Electronic Design Topic Towards Academic Achievement Among Secondary School Students
2026 Master National Supervisor Completed

13	Persepsi Pensyarah Terhadap Penerapan Teknologi Metaverse Dalam Pengajaran Bidang Teknologi Kejuruteraan Di Politeknik Sultan Azlan Shah	2026	Master	National	Supervisor	Presentation
14	Meneroka Personaliti Pelajar Menengah Rendah Terhadap Subjek Reka Bentuk Dan Teknologi	2026	Master	National	Supervisor	Presentation
15	Keberkesanan Pengajaran Pensyarah Di Kolej Vokasional Dalam Bidang Seni Reka Fesyen Terhadap Domain Kecerdasan Buatan	2026	Master	National	Supervisor	In Progress
16	KEBERKESANAN MODUL LATIHAN KURSUS TEKNOLOGI MOTOSIKAL TERHADAP LEPASAN PELATIH GIATMARA	2026	Master	National	Supervisor	In Progress
17	Meneroka Cabaran Pendidik Dalam Bidang Teknologi Kejuruteraan	2026	Master	National	Supervisor	In Progress
18	KEBERKESANAN MODUL LATIHAN KURSUS TEKNOLOGI MOTOSIKAL TERHADAP LEPASAN PELATIH GIATMARA	2026	Master	National	Supervisor	In Progress
19	KEBERKESANAN LATIHAN AMALI KURSUS TEKNOLOGI MOTOSIKAL DI GIATMARA NEGERI PERAK	2026	Master	National	Supervisor	In Progress
20	KEBERKESANAN MODUL LATIHAN KURSUS TEKNOLOGI MOTOSIKAL TERHADAP LEPASAN PELATIH GIATMARA	2026	Master	National	Supervisor	In Progress
21	Pengaruh Aspirasi Kerjaya Dan Kepuasan Pekerjaan Terhadap Perkembangan Kerjaya Wanita Dalam Bidang Pekerjaan Teknikal	2020	Master	National	Co-Supervisor	Completed
22	Penilaian Kompetensi Guru Pendidikan Dan Latihan Teknikal Vokasional Di Kolej Vokasional	2021	Master	National	Co-Supervisor	Completed
23	Keberkesanan Alat Bahan Bantu Mengajar Kit Pembelajaran Kod Warna Perintang Dalam Kalangan Pelajar Kolej Vokasional	2020	Master	National	Co-Supervisor	Completed
24	A Pure Tone Audiometry Study Of Hearing Loss Using Air Conduction And Bone Conduction Assessment Among Adults In Johor	2024	Master	National	Co-Supervisor	Completed
25	Pembangunan Instrumen Penyeliaan Guru Bidang Penyediaan Dan Penyajian Makanan	2021	Master	National	Co-Supervisor	Completed

CONSULTATION

- 1 Jemputan sebagai Fasilitator di Kolokium dan Bengkel Penulisan Kajian Kepuasan Majikan Terhadap Graduan Politeknik Malaysia 2018
2018 Jabatan Pendidikan Politeknik, KPT, Malaysia Completed
- 2 Fasilitator Bengkel Robotik MRSM Gemencheh-UPSI 2018
2018 Maktab Rendah Sains Mara, Gemencheh Completed
- 3 PROJEK PERUNDINGAN KURSUS STEM ROBOTIK
2025 KEMENTERIAN PENDIDIKAN TINGGI In Progress
- 4 Perundingan Program Klinik Penginovasian Produk POLYCC
2023 Jabatan Pendidikan Politeknik dan Kolej Komuniti In Progress
- 5 Perundingan bagi Kursus Training of Trainer Penulisan Penyelidikan Sains Sosial
2021 Kolej Komuniti Kuala Langat In Progress
- 6 Perundingan bagi Pembangunan Kerangka Pekerjaan (Occupational Framework) Tahun 2021 Berpandukan MSIC 2008
2021 Jabatan Pembangunan Kemahiran, Kementerian Sumber Manusia In Progress
- 7 Bengkel Training of Trainer (TOT) Analisis SPSS
2021 Jabatan Pendidikan Politeknik dan Kolej Komuniti In Progress
- 8 Program Pemindahan Ilmu Penjajaran Roda kepada Pensyarah dan Pelajar Semester 3, Diploma Teknologi Automotif, Kolej Vokasional Sungai Buloh. (KTP UPSI 2022)
2022 Kolej Vokasional Sungai Buloh Completed
- 9 Reviewer Technical Program Committee Members 3 rd International Conference on Computing Science, Communication and Security (COMS2-2022) o
2022 Ganpat University, Gujarat, INDIA Completed
- 10 PENSYARAH PELAWAT BAGI SUBJEK TEKNOLOGI ELEKTRIK
2022 UNIVERSITAS NEGERI YOGYAKARTA Completed
- 11 REVIEWER FOR THE JOURNAL OF ENGINEERING SCIENCE & TECHNOLOGY
2020 JESTEC Completed
- 12 REVIEWER FOR THE JOURNAL OF ASIAN ACADEMIC SOCIETY FOR VOCATIONAL EDUCATION AND TRAINING (JAVET)
2020 JOURNAL OF ASIAN ACADEMIC SOCIETY FOR VOCATIONAL EDUCATION AND TRAINING (JAVET) Completed
- 13 PENILAI YOGYAKARTA INTERNATIONAL CONFERENCES ON EDUCATIONAL MANAGEMENT
2020 UNIVERSITAS NEGERI YOGYAKARTA Completed

14 REVIEWER FOR THE JOURNAL OF ASIAN ACADEMIC SOCIETY FOR VOCATIONAL EDUCATION AND TRAINING (JAVET)

2020 JOURNAL OF ASIAN ACADEMIC SOCIETY FOR VOCATIONAL EDUCATION AND TRAINING (JAVET)
Completed

15 TECHNICAL COMMITTEE INTERNATIONAL CONFERENCES ON SMART POWER & INTERNET ENERGY SYSTEM

2020 THAILAND Completed

16 REVIEWER Best Practice Construct for First Degree Supervision in Institute of Teacher Education (ITE) Malaysia: A Fuzzy Delphi Method (FDM) Analysis

2020 FSMT Completed

17 REVIEWER Supervision Process Construct for First Degree Supervision in Institute of Teacher Education (ITE) Malaysia: A Fuzzy Delphi Method (FDM) Analysis Similarity index : 17%

2020 FSMT Completed

18 PENSYARAH PELAWAT UNIVERSITAS NEGERI YOGYAKARTA

2020 UNIVERSITAS NEGERI YOGYAKARTA Completed

19 PENILAI YOGYAKARTA INTERNATIONAL CONFERENCES ON EDUCATIONAL MANAGEMENT

2020 UNIVERSITAS NEGERI YOGYAKARTA Completed

20 PENSYARAH PELAWAT UNIVERSITAS NEGERI YOGYAKARTA

2020 UNIVERSITAS NEGERI YOGYAKARTA Completed

21 REVIEWER TECHNOLOGY AND INNOVATION INTERNATIONAL CONFERENCES 2019

2019 POLITEKNIK NEGERI SAMBAS Completed

22 KOMUNITI PERSIDANGAN ASIAN ACADEMIC SOCIETY FOR VOCATIONAL EDUCATION AND TRAINING (AASVET) 2019

2019 AASVET Completed

23 PANEL MODERATION OF PAPER PROCEEDINGS FOR TECHNOLOGY AND INNOVATION INTERNATIONAL CONFERENCE (TECHON) 2019

2019 JABATAN PENDIDIKAN POLITEKNIK Completed

24 CHAIR PERSON AASVET 2019

2019 AASVET 2019 Completed

25 REVIEWER JURNAL IBEJ

2019 FPE, UPSI Completed

26 REVIEWER TECHNOLOGY AND INNOVATION INTERNATIONAL CONFERENCES 2019

2019 POLITEKNIK NEGERI SAMBAS Completed

27 JURI PERTANDINGAN INNOVATIVE TEACHING AND LEARNING RESEARCH DAY 2019

2019 UTEM Completed

28	TECHNICAL REVIEWER	2019	POLITEKNIK MUKAH	Completed
29	REVIEWER JURNAL JESTEC	2019	TAYLOR UNIVERSITI	Completed
30	JTET REVIEWER	2017	UNIVERSITI TUN HUSSEIN ONN MALAYSIA	Completed
31	JAVET REVIEWER	2017	ASIAN ACADEMIC SOCIETY FOR VOCATIONAL LEADERS	Completed
32	MESYUARAT PERBINCANGAN LAWATAN UNIVERSITI NAGOYA	2017	UPSI-NAGOYA	Completed
33	PANEL PENILAI PROJEK TAHUN AKHIR (PTA) PROGRAM TEKNOLOGI ELEKTRONIK	2022	KOLEJ VOKASIONAL SG BULOH	Completed
34	PANEL PENASIHAT LUAR PROGRAM TEKNOLOGI ELEKTRIK KOLEJ VOKASIONAL SUNGAI BULOH	2020	KV SUNGAI BULOH	Completed
35	PANEL PENILAI SOAL SLEIDIK UTHM	2020	UTHM	Completed
36	JURI PERTANDINGAN INOVASI TEKNOLOGI ELEKTRIK	2020	JABATAN KEJURUTERAAN ELEKTRIK, KV SUNGAI BULOH	Completed
37	PANEL PENILAI KERTAS PENYELIDIKAN DAN PANEL TELESIDANG NATIONAL TECHNOLOGY RESEARCH IN ENGINEERING, DESIGN AND SOCIAL SCIENCES CONFERENCES	2020	JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI KPT	Completed
38	REVIEWER JOURNAL INTERNATIONAL BUSINESS EDUCATION	2020	FAKULTI PEMBANGUNAN EKONOMI	Completed
39	INSTRUCTOR UNTUK PROGRAM KURSUS ASAS ARDUINO	2020	KV SG BULOH	Completed
40	PEMERHATI LAWATAN PENILAIAN AKREDITASI PENUH MBOT KOLEJ VOKASIONAL SUNGAI BULOH (PROGRAM TEKNOLOGI ELEKTRONIK)	2020	KV SG BULOH	Completed
41	PANEL PENILAI KERTAS PENYELIDIKAN DAN PANEL TELESIDANG NATIONAL TECHNOLOGY RESEARCH IN ENGINEERING, DESIGN AND SOCIAL SCIENCES CONFERENCES	2020	JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI KPT	Completed
42	PENGHARGAAN ANUGERAH KHAS AKRI 2019	2019	UPSI	Completed
43	PELANTIKAN WASIT JURNAL PENGUKURAN KUALITI DAN ANALISIS	2019	UKM	Completed

44	PANEL PENILAI PROJEK PERTANDINGAN REKA CIPTA INNOTVET	2017	UPSI	Completed
45	PENGARAH PROGRAM PERTANDINGAN REKA CIPTA INNOTVET	2017	UPSI	Completed
46	PANEL PENILAI PROJEK PERTANDINGAN REKA CIPTA INNOTVET	2017	UPSI	Completed
47	PEMERIKSA DALAM DISERTASI SISWAZAH IJAZAH SARJANA UNIVERSITI PENDIDIKAN SULTAN IDRIS	2022	FAKULTI TEKNIKAL DAN VOKASIONAL	Completed
48	PENGERUSI VIVA SARJANA FAKULTI PEMBANGUNAN MANUSIA	2022	INSTITUT PENGAJIAN SISWAZAH	Completed
49	PEMERIKSA DALAM DISERTASI SISWAZAH IJAZAH SARJANA Hubungan Sikap Dan Penglibatan Tenaga Pengajar	2022	INSTITUT PENGAJIAN SISWAZAH	Completed
50	PANEL PENILAI PROPOSAL SARJANA	2020	FTV UPSI	Completed
51	PEMERIKSA DALAMAN VIVA SARJANA IPS	2020	FTV IPS UPSI	Completed
52	PENGERUSI VIVA IPS FBK	2020	FBK IPS UPSI	Completed
53	PENGERUSI VIVA SARJANA IPS	2020	FSKIK IPS UPSI	Completed
54	PANEL PENILAI CADANGAN PENYELIDIKAN SARJANA	2020	FTV UPSI	Completed
55	PANEL PENILAI DAPATAN KAJIAN PENYELIDIKAN DOKTOR FALSAFAH	2020	FTV UPSI	Completed
56	PENGERUSI VIVA SARJANA IPS	2020	IPS UPSI	Completed
57	PANEL PAKAR REKA BENTUK DAN PEMBANGUNAN MODEL KAJIAN (FUZZY DELPHI)	2020	UPSI	Completed
58	PENGERUSI VIVA SARJANA IPS	2020	IPS UPSI	Completed
59	PENGERUSI VIVA SARJANA IPS FBK	2020	FBK IPS UPSI	Completed
60	PENILAI DALAMAN GERAN PENYELIDIKAN UNIVERSITI PENDIDIKAN	2020	FTV UPSI	Completed

61	PANEL PENILAI DAPATAN PENYELIDIKAN DOKTOR FALSAFAH	2020	FTV UPSI	Completed
62	PENGERUSI VIVA SARJANA IPS	2020	IPS UPSI	Completed
63	PENGERUSI VIVA IPS FSKIK	2020	FSKIK IPS UPSI	Completed
64	PENILAI PROPOSAL PENYELIDIKAN DOKTOR FALSAFAH	2019	FTV UPSI	Completed
65	PAKAR PENGESAHAN BORANG SELIDIK DAN TEMU BUAL	2019	FTV UPSI	Completed
66	PENILAI GERAN PENYELIDIKAN UNIVERSITI	2019	FTV UPSI	Completed
67	MESYUARAT JAWATANKUASA VIVA SARJANA PENYELIDIKAN	2019	FTV UPSI	Completed
68	PELANTIKAN PAKAR PENILAI INSTRUMEN	2019	FSKIK UPSI	Completed
69	PENILAI DALAMAN SISTEM RIMS GERAN INOVASI PENDIDIKAN 2019	2019	FTV UPSI	Completed
70	PENILAI PROPOSAL PENYELIDIKAN DOKTOR FALSAFAH	2019	FTV UPSI	Completed
71	PENILAI PROPOSAL PENYELIDIKAN SARJANA	2019	FTV UPSI	Completed
72	PENILAI PEMBENTANGAN DAPATAN KAJIAN DOKTOR FALSAFAH	2019	UPSI FTV	Completed
73	PAKAR PENILAI BORANG SOAL SELIDIK	2019	FTV UPSI	Completed
74	PENILAIAN INSTRUMEN KAJIAN	2019	FPM UPSI	Completed
75	PAKAR DELPHI DAN PEMBANGUNAN INSTRUMEN	2019	UPSI	Completed
76	PANEL PENILAI CADANGAN PENYELIDIKAN SARJANA PENYELIDIKAN	2019	FTV UPSI	Completed
77	PENILAIAN DALAMAN BUKU	2019	UPSI	Completed

78	PANEL PENILAI CADANGAN PENYELIDIKAN	2019	FTV UPSI	Completed
79	PENILAI PROPOSAL PENYELIDIKAN SARJANA	2019	FTV UPSI	Completed
80	PENILAIAN PROPOSAL SARJANA PENYELIDIKAN	2019	FTV UPSI	Completed
81	PENGERUSI VIVA SARJANA PENYELIDIKAN FPE	2019	FPE UPSI	Completed
82	PENGERUSI VIVA PHD	2019	UPSI	Completed
83	PAKAR PENGESAHAN INSTRUMEN	2019	FTV UPSI	Completed
84	PENILAI PEROLEHAN GERAN PENYELIDIKAN UNIVERSITI GPU 2018	2019	FTV UPSI	Completed
85	PEMERIKSA DALAMAN TESIS SARJANA PENYELIDIKAN	2019	FTV UPSI	Completed
86	PENILAI PROPOSAL PENYELIDIKAN SARJANA	2019	FTV UPSI	Completed
87	PEMERIKSA DALAMAN TESIS SARJANA PENYELIDIKAN	2019	FTV UPSI	Completed
88	PENILAI CADANGAN PENYELIDIKAN DOKTOR FALSAFAH	2019	FTV UPSI	Completed
89	PENILAI GERAN PENYELIDIKAN UNIVERSITI BERTERASKAN PENDIDIKAN	2019	FTV UPSI	Completed
90	PENILAI PROPOSAL PENYELIDIKAN DOKTOR FALSAFAH	2019	FTV UPSI	Completed
91	PAKAR PENILAI INSTRUMEN KAJIAN	2019	FTV UPSI	Completed
92	PANEL PENILAI CADANGAN PENYELIDIKAN DOKTOR FALSAFAH	2019	FTV UPSI	Completed
93	PENILAI PEROLEHAN GERAN PENYELIDIKAN RCRP 2017	2019	FTV UPSI	Completed
94	PAKAR PENILAI INSTRUMEN KAJIAN	2019	FTV UPSI	Completed

95	PENILAI PROPOSAL PENYELIDIKAN DOKTOR FALSAFAH	2019	FTV UPSI	Completed
96	JAWATANKUASA SUKAN	2018	FTV, UPSI	Completed
97	PEMERIKSA DALAM TESIS SARJANA	2018	UPSI	Completed
98	PENILAI ARTIKEL JTET UTHM	2018	UPSI UTHM	Completed
99	PEMERIKSA TESIS SARJANA	2018	UPSI	Completed
100	PENILAI ARTIKEL JTET UTHM	2018	UPSI UTHM	Completed
101	PEMERIKSA DALAMAN JAWATANKUASA VIVA PELAJAR SARJANA	2018	U.P.S.I	Completed
102	WAKIL FAKULTI JAWATANKUASA VIVA DOKTOR FALSAFAH	2018	U.P.S.I	Completed
103	JAWATANKUASA SUKAN	2018	FTV, UPSI	Completed
104	JAWATANKUASA HARI TERBUKA FTV	2018	FTV, UPSI	Completed
105	AHLI JAWATANKUASA SEMAKAN AUDIT	2017	UPSI	Completed
106	PEMBENTANGAN PROPOSAL PELAJAR SARJANA	2017	UPSI	Completed
107	AHLI SIDANG EDITORIAL ICETVESS 2017	2017	UPSI	Completed
108	AHLI JAWATANKUASA SEMAKAN AUDIT	2017	UPSI	Completed
109	PEMBENTANGAN PROPOSAL PELAJAR DOKTOR FALSAFAH	2017	UPSI	Completed
110	PEMBENTANGAN PROPOSAL PELAJAR SARJANA	2017	UPSI	Completed
111	AHLI JAWATANKUASA KUALITI ISO	2017	UPSI	Completed

112	KETUA EDITOR JURNAL TERBITAN KHAS UTHM	2020	UTHM	In Progress
113	Assistant Editor Journal of Asian Vocational Education and Training	2020	Asian Academy Society for Vocational Education and Training	In Progress
114	PANEL PENILAI MQA UPSI	2021	UPSI	In Progress
115	KETUA PROGRAM SARJANA MOD KERJA KURSUS	2020	FTV UPSI	In Progress
116	JAWATANKUASA PENGAJIAN SISWAZAH	2020	FTV UPSI	In Progress
117	JAWATANKUASA PERANCANGAN AKADEMIK	2020	FTV UPSI	In Progress
118	JAWATANKUASA ISO	2020	FTV UPSI	In Progress
119	JAWATANKUASA PENYELIDIKAN, PENERBITAN, PERUNDINGAN, PENGKORMESIALAN	2020	FTV UPSI	In Progress
120	KETUA PROGRAM SARJANA MOD KERJA KURSUS	2020	FTV UPSI	In Progress
121	PAKAR PENILAI INSTRUMEN KAJIAN	2019	FTV UPSI	In Progress
122	Guest Lecturer in “Real Time Applications of Microcontrollers”	2024		Completed
123	Penilai luar tesis penyelidikan Doktor Falsafah	2024	New Era University College	Completed
124	Reviewer Kertas Kajian Analysis of Students’ Self-Efficacy in Mathematical Instruction at the Middle School	2024	(Indonesian Journal of Education and Mathematical Science	Completed
125	PENSYARAH PELAWAT KEJURUTERAAN ELEKTRIK	2023	UNIVERSITAS NEGERI YOGYAKARTA	Completed
126	Pemeriksa Luar Tesis PHD	2025	Universiti Kebangsaan Malaysia	Completed
127	Pempamer Program Sukses Kerjaya Murid	2025	Kementerian Pendidikan Malaysia (KPM)	Completed
128	Panel Penyemak Jurnal e digest TVET	2024	Kolej Komuniti Bandar Darul Aman	Completed

129	PANEL FORUM STEM EMCSEI 3.0	2023	POLITEKNIK SHAH ALAM	Completed
130	PENASIHAT INDUSTRI JABATAN KEJURUTERAAN ELEKTRIK	2023	POLITEKNIK SULTAN AZLAN SHAH	Completed
131	Panel Penilai Cadangan Penyelidikan PHD	2025	Fakulti Teknikal dan Vokasional, UPSI	Completed
132	Panel Penilai Sarjana PTV	2025	Fakulti Teknikal dan Vokasional, UPSI	Completed
133	Pakar Kesahan Kandungan Temu bual Doktor Falsafah	2024	Fakulti Pembangunan Manusia, UPSI	Completed
134	Pengerusi Viva Sarjana Penyelidikan "Penggunaan Figuran Wanita sebagai Ciri Seni di Malaysia"	2024	Fakulti Seni, Kelestarian, UPSI	Completed
135	Pengerusi Viva Doktor Falsafah "Konteks Makna Tumbuhan Herba dalam Perubatan Tradisional"	2024	Fakulti Bahasa dan Komunikasi, UPSI	Completed
136	Pengerusi Viva Sarjana Penyelidikan "Perkembangan Sistem Jalan Raya Persekutuan di Malaysia"	2024	Fakulti Sains Kemanusiaan, UPSI	Completed
137	Pengerusi Viva Penyelidikan "Peranan dan Pemikiran Sheikh Ahmad Al-Fatanidalam Gerakan Pan Islami"	2024	Fakulti Sains Kemanusiaan, UPSI	Completed
138	Pakar penilai modul ADALO SRT	2023	FTV, UPSI	Completed
139	Pakar penilai instrumen pola DEAR pakaian	2023	FTV, UPSI	Completed
140	Pakar penilai instrumen dan modul AR Kemeja	2023	FTV, UPSI	Completed
141	Pakar penilai modul AR vest pakaian wanita	2023	FTV, UPSI	Completed
142	Pakar penilai instrumen modul pembangunan digital simply pola berasaskan AR	2023	FTV, UPSI	Completed
143	Pakar penilai instrumen kesediaan bakal guru SRT menggunakan media teknologi	2023	FTV, UPSI	Completed
144	Pakar penilai modul gamifikasi SRT	2023	FTV, UPSI	Completed

AWARD / RECOGNITION

- 1 AR-MicroC: Enhancing Learning Experience in Internet of Things (IoT)
2024 International THE THIRD INTERNATIONAL COMPETITION ON SUSTAINABLE EDUCATION 2024 (SUSED 2024) Gold
- 2 DEVELOPMENT AND USABILITY OF POCKET NOTES QUICK RESPONSE FOR CELL DIVISION TOPIC IN BIOLOGY SUBJECT
2024 International International educational design, games, invention and innovation (IEDGII) Gold
- 3 Augmented Reality (AR) Media Learning Application "IDRAWAR" for 3D Drawing Topic Invention Subject
2024 International The International Development, Research and Innovation Virtual Exhibition (iDRIVE) Gold
- 4 Development of multi electronics magnetduino module in electronics design
2024 International VIRTUAL INNOVATION COMPETITION 2024 Gold
- 5 AR MICROC: enhancing learning experience in internet of things (IOT)
2024 International The International Development, Research and Innovation Virtual Exhibition (iDRIVE) Gold
- 6 IMMERSIVE IOT LEARNING WITH AR-MICROC: A NEW EDUCATIONAL PARADIGM
2024 International International educational design, games, invention and innovation (IEDGII) Gold
- 7 I-CERDIK
2023 International International, Invention & Technology Exhibition (ITEX) 2023 Gold
- 8 ENGLISH! SPEAK UP SYSTEMS
2019 International INTERNATIONAL INNOVATION, CREATIVITY AND TECHNOLOGY EXHIBITION (i2CreaTE 2019) Gold
- 9 Aplikasi dan modul metaverse magnetduino dalam pembelajaran elektronik
2025 International The International Borneo Innovation, Exhibition & Competition (IBIEC) 2025 Silver
- 10 SNAKE-TRONIC : ABM BERASASKAN GAME-BASED LEARNING BAGI TOPIK REKA BENTUK ELEKTRONIK TINGKATAN 2
2025 International International Education Innovation Competition (Edu@Innovate) 2025 Silver
- 11 Mobile Learning Education "iDrawAR" with Augmented Reality (AR) for 3D Drawing Technical Skills
2025 International International Education Innovation Competition (Edu@Innovate) 2025 Silver
- 12 Kit Kereta Kawalan Robotik Menggunakan Android
2025 International Hybrid Invention, Innovation and Design Competition 2025 Silver
- 13 PEMBANGUNAN MODUL PEMBELAJARAN: KOMIK LAKARAN PIKTORIAL BAGI SUBJEK REKA BENTUK DAN TEKNOLOGI TINGKATAN 1
2024 International International Innovation ARSVOT Malaysia 2024 (IAM2024) Silver
- 14 DEVELOPMENT OF TEACHING AID: INVENTIVE PRINCIPLE INTERACTIVE DRAWERS FOR FORM 2 DESIGN AND TECHNOLOGY SUBJECT
2024 International The International Development, Research and Innovation Virtual Exhibition (iDRIVE) Silver

15	Modul multi ezy triz	2024	International	International Conference Dynamic Innovative Minds 2024	Silver
16	Module development with integrated augmented reality (AR) application in secondary school	2024	International	The International Development, Research and Innovation Virtual Exhibition (iDRIVE)	Silver
17	Intelligence Tracking IOT System (I-TRAC)	2022	International	ITEX 2022	Silver
18	Kit Pembelajaran Internet of Things (Kit Iotronik)	2022	International	ITEX 2022	Silver
19	Intelligence Tracking IOT System (I-TRAC)	2022	International	ITEX 2022	Silver
20	DEVELOPMENT OF EDUCATIONAL KIT FOR IOT ONLINE LEARNING	2021	International	IAM 2021	Silver
21	IoT- English Speak Up System (EsUs-i)	2020	International	EDUINNOVATION 2020	Silver
22	PLACEMENT MANAGEMENT SYSTEM (PMS 1.0)	2022	International	PECIPTA 2022	Bronze
23	DEVELOPMENT OF EDUCATIONAL KIT FOR IOT ONLINE LEARNING	2021	International	DILCE'21	Bronze
24	Gold Award	2024	International	Universiti Tun Hussein Onn Malaysia	
25	BEST PAPER	2022	International	CONSER 2022	
26	SILVER AWARD	2019	International	INTERNATIONAL INNOVATION AND INVENTION CHALLENGE VIA EXHIBITION 2019	
27	Aplikasi Modul Metaverse Dalam Pendidikan Berdigital MagnetDuino	2025	National	EduInnovate	Gold
28	AR-MicroC: Leveraging Augmented Reality for Learning Effects in IoT	2024	National	Research and Teaching Innovation Competition 2024	Gold
29	Development of AR module for secondary school	2024	National	Innovation Creativity Competition: Perkasakan Pendidikan Madani	Silver
30	ABM Lego Bongkah Topik Dunia Rekabentuk Subjek Rekabentuk Teknologi Tingkatan 1	2018	University	Anugerah Inovasi Pengajaran & Pembelajaran Bitara UPSI 2018	Gold
31	INOVASI PROGRAM : SARJANA MUDA PENDIDIKAN (REKA BENTUK DAN TEKNOLOGI)	2019	University	CARNIVAL FOR INNOVATION IN TEACHING AND LEARNING 2019 (CiTeL2019)	Silver

- 
- 32 Modul Pembelajaran Arduino UNO untuk bakal guru RBT
2018 University Anugerah Inovasi Pengajaran & Pembelajaran Bitara UPSI 2018 Silver
-
- 33 Anugerah Inovasi dan Pengkomersialan Produk Harapan AKIRA
2024 University Universiti Pendidikan Sultan Idris
-
- 34 Anugerah Perkhidmatan Cemerlang
2022 University Universiti Pendidikan Sultan Idris
-