NOORMADINAH BINTI ALLIAS

PERSONAL DETAILS

Mobile Number	: +6012-5594249
Email Address	: noormadinah@yahoo.com; noormadinah@uitm.edu.my
Nationality	: Malaysian
ORCID ID	: https://orcid.org/0000-0003-3028-0640
Scopus ID	: 56146768100

RESEARCH INTEREST

Next Generation Network, Cybersecurity Analytics, and Machine Learning

EDUCATIONAL BACKGROUND

Doctor of Philosophy (Information Technology), 2024.
University Kuala Lumpur- Malaysian Institute of Information Technology.
Thesis Title: Context – Aware Prescriptive Analytics to Prescribe Handover Control Parameters in Long Term Evolution (LTE) Network
The research area is to prescribe the ideal value of the handover control parameter of the handover algorithms in the 4G LTE network via prescriptive analytics.

Master of Information Technology- by Research, University Kuala Lumpur- Malaysian Institute of Information Technology, 2015.
Thesis title: Email Filtering using Feature Reduction Technique based on Swarm Intelligent
The research area is about filtering spam emails via machine learning. The Gini Index feature selection was applied to reduce the dimension of terms. Then, the Taguchi method was used to assist the Gini Index and PSO-SVM in selecting the best parameter settings to filter the email.

Bachelor of Engineering Technology (Hons) in Networking System, Malaysia Institute of Information Technology, Universiti Kuala Lumpur, 2008
Graduated: 2008
G.P.A: 3.40 on 4.00 scales   C.G.P.A: 3.29 on 4.00 scales

Higher National Diploma in Engineering and Computing, Universiti Kuala Lumpur- British Malaysian Institute, 2004
C.G.P.A: 2.90 on 4.00 scales

PROFESSIONAL EXPERIENCES

Senior Lecturer, Universiti Teknologi MARA, Shah Alam, Malaysia. (October 2024 - Present)
Subjects Assigned (Degree): Network and System Administration, Introduction to Cybersecurity for Non-Computing Science, Principles of Networking, and Internet of Things, Data Communication and Networking.

Senior Lecturer, Multimedia University, Ayer Keroh, Malaysia. (March 2024 – October 2024)
Subjects Assigned (Degree): Data Communications and Networking, Cloud Computing

Lecturer, Tunku Abdul Rahman University of Management and Technology, Malaysia, May 2023 to February 2024
- **Subjects Assigned (Degree):** Research Methods, Security Assessment and Risk Management, Introduction to Internet Security.
- **Final Year Project Supervisor**
- **Final Year Industrial Training Supervisor**

Lecturer, Albukhary International University, Malaysia, November 2021 to May 2023
- **Subjects Assigned (Degree):** Cyber Ethics, Operating Systems, Discrete Mathematics, Cryptography Essential, Fundamental of Information Security, Cybersecurity Systems, Information Security Management System, and Cybersecurity Risk Management.
- **Final Year Project Supervisor**
- **Final Year Project 1 Coordinator**
- **Final Year Project 2 Coordinator**
- **Research Data Collection Committee- Malaysia Research Assessment (MyRA) 2022**

Lecturer, Politeknik Tuanku Syed Sirajuddin,Perlis, Malaysia, February 2021 to November 2021
- **Subjects Assigned (Diploma):** Scaling Network, Open-Source Operating System and Cloud Computing.
  - Subject Coordinator – Open-Source Operating System and Cloud Computing
  - Academic Advisor
  - Industrial Training Supervisor

Lecturer, Universiti Kuala Lumpur- Malaysian Institute of Information Technology, Malaysia, Nov 2014 to Jan 2021

- **Subjects Assigned (Degree):** Network Management, IT Essential, Selected Topic in Communication Systems, and Telecommunication.
- **Subjects Assigned (Diploma):** Digital Electronics, CCNA1 Network Fundamental, Network Management and Network Security
- **Subject Assigned (Foundation in Science and Technology for Korean University**): Introduction to PC Hardware and Maintenance.
- Preparing Course Learning Plan (CLP) for subjects assigned

- Supervised undergraduate students for Final Year Student Projects (Diploma and Degree)
- Examine dissertation (Undergraduate)
- Final Year Project Assessor (Diploma and Degree)
- Final Year Project Panel for Proposal Defence (Degree)
- Industrial Training Supervisor
- Subject Matter Expert Network System Management (System & Networking Section):
    - Responsible for updating any changes for Network System Management subject (Table 4 and syllabus)
- **System and Network Section committee member- Market Study and Competitor Analysis**
    - To identify, analyze and provide a report regarding competitors with the same course.
- **System and Network Research Representative**
    - To update the members of System and Networking on any related information regarding research activities.
- Academic Advisor

Lecturer, Kolej Poly-Tech MARA Alor Setar, Malaysia, July 2009 to February 2012
- **Subjects Assigned (Diploma):** Internetworking with TCP/ IP, Linux OS, Computer Network, Network Security, Data Communication Concept and Network, Network Administration.
- Responsible for preparing examination questions for Internetworking with TCP/IP and Linux OS subjects for moderation within KPTM branches.

Test Engineer Jabil Circuit Sdn. Bhd, Malaysia, December 2008 to July 2009
- Parametric Tester Maintenance:
    - Responsible for day-to-day test failure troubleshooting.
    - Responsible for Parametric test equipment calibration.
    - Performed CPP Manager configuration change.
    - Provide Parametric test equipment spare parts for the NRE budget.
    - Guide technician for Parametric troubleshooting failure
- Support NPI Engineer for New Product Introduction
- I liaise with equipment vendors such as Agilent and Tekmark to solve faulty equipment or hardware failure issues.

EIT Engineer, Jabil Circuit Sdn. Bhd, June 2008 to December 2008
- Analyzed the root cause of the failure for MCP models.
- Analyzing Parametric weekly yield report.

EXTERNAL EXAMINER

- **Mira Shahira Binti Suhaimi**
  Predictive Maintenance Framework for Optimizing Car Mileage
  Master in Computer Science, Universiti Kuala Lumpur- Malaysian Institute of Information Technology (2025).

- **Shagaabi Walid M S**
  Framework For Digitizing Infant and Toddler
  Vaccination Records in Libya: Enhancing Healthcare Efficiency
  Master in Computer Science, Universiti Kuala Lumpur- Malaysian Institute of Information Technology (2025).

- **Mohammad Firdaus Bin Abdul Rahaman**
  Dynamic Analysis of Ransomware Variants Behaviour
  Master in Computer Science, Universiti Kuala Lumpur- Malaysian Institute of Information Technology (2025).

PANEL OF EXAMINER FOR DEFENCE OF RESEARCH PROPOSAL

- **Zhu Xuehua**

  Security Technology Evaluation Criteria Model For Telemedicine Consultation System

  Doctor of Philosophy (Computer Science), Faculty of Computer and Mathematical Science, Universiti Teknologi MARA (2025).

SUPERVISIONS

FINAL YEAR PROJECT SUPERVISION (UNIVERSITI TEKNOLOGI MARA- SHAH ALAM)
- Afryna Sofea Binti Affendi, Securing Data Deduplication and Compression Techniques for Optimizing Legal Document Storage in Multi-User Cloud Environments. **Status: Ongoing**
- Aqif Shahmi bin Shahrom - AERONET Inspector: Drone-Based Wi-Fi Network Strength Scanner. **Status: Ongoing**

FINAL YEAR PROJECT SUPERVISION (TUNKU ABDUL RAHMAN UNIVERSITY OF MANAGEMENT AND TECHNOLOGY)
- Koa Bo Xin, House Price Prediction using Machine Learning. **Status: Completed**
- Lee Jia Xin, Movemate Web Application. **Status: Completed**
- Ng Jia Jun JD, Improving the Accuracy of Paragraph Length Sentiment Analysis. **Status: Completed**
- Nick Lim Jing Wei, Mobile Application Development for Logistic System MoveMate. **Status: Completed**

- Ting Si Jie, Mobile Application Development for Car Parking System at TAR UMT. **Status: Completed**
- Au Yong Tien Zhen, Mobile Application Development for Car Parking System at TAR UMT. **Status: Completed**

FINAL YEAR PROJECT SUPERVISION (BACHELOR OF COMPUTER SCIENCE ALBUKHARY INTERNATIONAL UNIVERSITY- ALOR SETAR MALAYSIA)

- Zaidan Mufaddhal - A Hybrid Method of Machine Learning and Deep Learning for Credit Card Fraud Detection: A Comparative Study. **Status: Completed**

- Yoon Thiri Ko- Investigating the Performance of The Feature Selection Algorithms on Cyberbullying. **Status: Completed**

- Eka Wahyu Aditya - Machine Learning-Based Detection Technique for DDOS Attack. **Status: Completed**

FINAL YEAR PROJECT SUPERVISION (BACHELOR NETWORKING SYSTEM UNIVERSITI KUALA LUMPUR- MALAYSIAN INSTITUTE OF INFORMATION TECHNOLOGY- KUALA LUMPUR, MALAYSIA)

- Emir Iskandar Zuhair Bin Rashdan - Automated Mitigation of Rogue Access Point (RAP) Attacks Using Python. **Status: Completed**
- Izzat Nasrun Bin Hamizad Denial of Service (DOS) And Distributed Denial of Service (DDOS) Automated Mitigation Using Python. **Status: Completed**
- Nur Afiqah Binti Adnan Performance Analysis of Email Based Spam Filtering Via Machine Learning. **Status: Completed**
- Noor Dayana Binti Zulkifli Detection of Phishing Website Using Heuristic-Based Approach Via Machine Learning. **Status: Completed**
- Muhammad Aliff Ashraf Bin Zulkifli Inter-Vehicle Communication Using LightFidelity Technology. **Status: Completed**
- Muhammad Syazuan Rabawah a Comparative Study Of Image Steganography With Vigenere Encryption And Image Steganography With RSA Encryption. **Status: Completed**

TASKS ASSIGNED

Universiti Teknology MARA, Shah Alam, Selangor, Malaysia
- Committee members of the audit for compliance of the Master of Science in Computer Networking program, Faculty of Computing, Informatics, and Mathematics

Multimedia University
- Member of the Industrial Training and i-Cadet Committee
- Programme Review Committee for B.IT (Hons) Data Communications and Networking,
- Member of the Promotion and Outreach Committee

- Members of the Student Experience and Alumni Committee

Albukhary International University, Alor Setar, Kedah, Malaysia
- **FYP 1 Project Coordinator**
  o Monitoring and ensuring the smooth running of the FYP.
  o Compiling all project titles from students/supervisors.
  o Endorsing project titles and assigning supervisors to the students
  o Planning, coordinating and organizing timely FYP briefings for students, as well as meetings for the FYP committee.
  o Executing tasks relevant to FYP

- **FYP 2 Project Coordinator**
  o Monitoring and ensuring the smooth running of the FYP.
  o Planning, coordinating and organizing timely FYP briefings for students, as well as meetings for the FYP committee.
  o Executing tasks relevant to FYP

- **Research Data Collection Committee- Malaysia Research Assessment (MyRA) 2022**
  o To collect and verify data.
  o To ensure accurate and relevant evidence.
  o To adhere to the guidelines set by ACE-SEDI and Quality Assurance Department respectively.

Universiti Kuala Lumpur- Malaysian Institute of Information Technology (UniKL-MIIT)
- **Program Committee Member for Bachelor of Information Technology in IoT (BIoT), August 2020- January 2021.**
  o Assist the Program Coordinator in preparing the product knowledge and marketing materials to promote the BIoT program.
  o Involved in marketing activities of the program.

- **Editor, JTeC Journal Special Task Force Committee (September 2020- December 2020)**
  o To ensure the journal is published in two volumes.
  o To review the articles submitted to the journal.

- **APEL Coordinator (1st June 2020- January 2021)**
  o To advise and assist students seeking information on APEL and the application process.

- **Program Committee Member for Diploma of Engineering Technology (Computer and Networking) (DCNET), 9th January 2019- 9th January 2020.**
  o Assisting the Program Coordinator in preparing the product knowledge and marketing materials to promote DCNET program.
  o Involved in marketing activities of the program.

PROFESSIONAL ORGANIZATION/ ASSOCIATION

- **Malaysia Board of Technologies** – Graduate Technologies 2021, Reg.No GT21050650
- **Cyber Security Academia Malaysia** – Ordinary Membership ID: 20220028
- **CCNA CyberOps Associate Instructor Credential (August 2022)**

PROFESSIONAL DEVELOPMENT

Workshop

- **Hacking and Cracking with Kali Linux, June 2022**
  Organized by SLS Cybersec Solutions Sdn. Bhd
  This workshop exposed the participant with by devoted to the penetration testing lifecycle, reconnaissance, scanning, exploitation and maintaining access.

- **Basic Penetration Testing Workshop, February 2022**
  Organized by UniKL's Industrial Control System Cybersecurity Center (I2CS)
  This workshop we will look at the steps a penetration tester (ethical hackers) will take to test the vulnerability of a website.

- **Bengkel Interpretasi Kurikulum Versi 2020 Program Diploma Teknologi Maklumat (Teknologi Digital) dan Kesedaran Serta Pelaksanaan Outcome Based Education (OBE), February 2021**
  Organized by Politeknik Tuanku Syed Sirajuddin
  This training exposed the participant regarding the Outcome-Based Education

- **Online Training Workshop on Big Data, November 2020**
  Organized by International Knowledge Center for Engineering Sciences and Technology (IKCEST) and International Science, Technology and Innovation Center for South-South Cooperation (ISTIC).
  This online training exposed the participant to the Introduction to Big Data and Deep Learning, Big Data Platform and Application Technology, Introduction to Machine Learning, etc

- **Data Analytics Using Machine Learning Techniques, Nov 2020.**
  Co-organized by IEEE Malaysia Section Consultants Network Affinity Group
  This training exposed the participant to Data Analytics using Machine Learning.

- **Cisco Networking Academy® Introduction to Cybersecurity course, November 2020**
  This course exposed the participant to the Global implications of cyber threats, how networks are vulnerable to attack, the impact of cyber-attacks on industries and Cisco's approach.

- **Implementing and Operating Cisco Security Core Technologies (SCOR)1.0, August 2020**
  Organized by Trainocate (M) Sdn.Bhd
  Training exposed the participant to Network and Cyber Security, with CiscoTechnology.

- **IOT Data Analytics with R, January 2020**
  Organized by Universiti Kuala Lumpur
  This training exposed the participant to the introduction of Data Analytic using the R tool.

- **Data Science for Startup, November 2019**
  Organized by iTrain Malaysia
  This training exposed the participant to the introduction of Data Science using Jupyter Notebook

- **Network Simulator (NS3), August 2017**
  Organized by Center for Mobile Cloud Computing Research, Faculty of ComputerScience and Information Technology, Universiti of Malaya.
  This training exposed the participant to the implementation of NS3 simulator for research purposes.

- **Testing and Measurement in Teaching, Pedagogy and Classroom Management and Communication, March 2010**
  This workshop exposed the participant to making teaching effective, Classroom Management, Learning Styles, Microteaching and Learning Simulation.

- **Leadership and Communication Weekend with Linguistic Intelligent, 2010**
  This workshop exposed the participant to how to use the appropriate grammar and correct words, primarily when delivering a lecture to students.

AWARDS

RESEARCH ACHIEVEMENT AWARD

- **Promising Researcher**
  Research Achievement Appreciation Award, September 2022, Albukhary International University, Kedah,Malaysia.

BEST PAPER AWARDS

- **Exploring the Impact of Quality of Services and Quality of Experience Towards LTE Handover Configuration Parameters (2021)**
  3rd International Conference of Information and Communication Technology (ICICTM2021),

Universiti Kuala Lumpur & Universiti Pertahanan National Malaysia (UPNM).

- **Investigating the Impact of Handover Configuration Parameter in A3RSRP Handover Algorithm Based on User Trajectory (2020)**
- International Conference on Communication, Electrical and Computer Network (ICCECN2020), 1st -2nd February 2020, Faculty of Engineering, Universiti Malaya, Malaysia.

BEST PRESENTER AWARDS
- The Third International Conference on Computer, Information Technology and Intelligent Computing, CITIC 2023

INNOVATION AWARDS

- **The Effects of Observation- Based Assessment to Students Course Learning Outcomes Attainment- Silver Award**
  IDE4 Teaching and Learning Exhibition, Universiti Tenaga National, September 2020
  Shahrizad binti Mohd Sharifuddin, Noormadinah Allias

- **Inter-Vehicle Communication using Light -Fidelity Technology- Silver Medal** Apprentice Innovation and Research Exhibition (AIREx) 2020, Universiti Kuala Lumpur-Malaysia Institute of Marine Engineering Technology (UniKL- MIMET)
  Muhammad Aliff Ashraf bin Zulkifli, Noormadinah Allias

- **BYoD and IoT Unmanaged Devices End Point Security Application Based On OpenMSA Software Defined Everthing (SDx) Platform (2019) – PECIPTA, SILVER Award**
  Megat Norulazmi Megat Mohamed Noor, Fuead Ali, Haidawati Mohamed Nasir, Shadil Akimi Zainal Abidin,Mohd Sallehin Kassim, Diyana Kadir, Noormadinah Allias.

REVIEWER (S)/ TECHNICAL COMMITTEE

- **International Visualization, Informatics & Technology Conference (IVIT2024) – Reviewer**
  Organized by: Universiti Kuala Lumpur

- **Reviewer The 1st 2023 Software and Technologies, Visual Informatics and Applications (SOTVIA) Conference, Kazakhstan.**
  Organized by: Universiti Pertahanan Nasional Malaysia.

- **The 9th International Conference on Computing and Informatics 2023 (ICOCI 2023)- Universiti Utara Malaysia- International Technical Committee**
  Organized by: Universiti Utara Malaysia.

- **Bulletin of Electrical Engineering and Informatics, 2022. Indonesian Journal. - Reviewer**

- **International Visualization, Informatics & Technology Conference (IVIT2022) – Reviewer**
  Organized by: Universiti Kuala Lumpur

- **The 3rd International Conference on Artificial Intelligence and Data Sciences - AiDAS2022 - Reviewer**
  Organized by: Universiti Teknologi MARA, Malaysia.

- **The International Conference on Information Systems and Intelligent Applications (ICISIA 2022) – Reviewer**
  Organized by The British University in Dubai, Dubai, UAE

- **3rd International Conference of Information and Communication Technology** (ICICTM2021), Universiti Kuala Lumpur & Universiti Pertahanan National Malaysia (UPNM).

- **International Conference on Engineering Technology (EnTec) 2018**,
  Universiti Kuala Lumpur- British Malaysian Institute (UniKL- BMI).

- **International Conference on Electrical and Electronic Engineering (IC3E 2017),**
  Faculty of Electrical and Electronic Engineering, Universiti Tun Hussein Onn Malaysia.

PUBLICATIONS

JOURNAL PUBLISHED

- **Analysing feature selection: impacts towards forecasting electricity power consumption**
  Azman Ab Malik, Lyu Tao, Noormadinah Allias, Irni Hamiza Hamzah
  International Journal of Reconfigurable and Embedded Systems (IJRES), 2025

- **Analyzing the Effectiveness of Wi-Fi 6E in Mitigating Interference in Industrial Environment**
  Roziyani Rawi, Mohd Rizal Mohd Isa, Mohd Nazri Ismail, Muhamad Za'im Afham Zainal Abidin, Aznida Abu Bakar Sajak, Noormadinah Allias, Nur Farahwahida Ab Aziz
  International Journal of Integrated Engineering, 2024

- **A Study on Cyberbullying: The Impact on the Community, Businesses, Companies and Prevention Methods**
  Yoon Thiri Ko, Noormadinah Allias
  Albukhary Social Business Journal, Vol. 4, Issue 1, 2023

- **Deep Learning in Face Recognition for Attendance System: An Exploratory Study**
  Mochamad Azkal Azkiya Aziz, Shahrinaz Ismail, Noormadinah Allias
  Journal of Computing and Research Innovation, Vol.7 No.2 (2022)

- **Investigating the Performance of Deep Learning in Detecting Phishing Website**
  Noor Dayana and Noormadinah Allias
  Journal of Computing Technologies and Creative Content (JTeC), Vol. 5 No. 2 (2020), pp.33-36

- **Inter-Vehicle Alert Notification Using Light-Fidelity Technology**
  Muhammad Aliff Ashraf Zulkifli and Noormadinah Allias
  Journal of Computing Technologies and Creative Content (JTeC), Vol. 5 No. 1 (2020), pp.33-36

- **An Overview of Multi-Attribute Decision Making (MADM) Vertical Handover using Systematic Mapping.**
  Noormadinah Allias, Megat Norulazmi Megat Mohamed Noor, Mohd. Taha Ismail & Mohd Nazri Ismail.
  Journal of Telecommunication, Electronic and Computer Engineering (JTEC) (2018).
  e-ISSN: 2289-8131 Vol. 10 No. 2-5. Pg 94- 98

- **Parameter Mapping of Feature Selection via Taguchi Method on Email Filtering**
  Noormadinah Allias, Megat Norulazmi Megat Mohamed Noor, Mohd Nazri Ismail
  Journal of Theoretical and Applied Information Technology 67.2 (2014).Pg 397- 406

- **An Overview of Software Defined Network Implementation in Vertical Handover**
  Noormadinah Allias, Megat Norulazmi Megat Mohamed Noor, Mohd. Taha Ismail & Mohd Nazri Ismail.
  Advanced Science Letters, Volume 24, Number 3, March 2018, pp. 1763-1766(4)

CONFERENCES PUBLISHED/ ACCEPTED

- **Behind the Scenes: An Explainable Artificial Intelligence (XAI) on the Service Classification of the 5G/B5G Network. ICDXA 2024 - Conference Proceedings: 2024 3rd International Conference on Digital Transformation and Applications. pp. 167-172**
  Noormadinah Allias, Diyana Ab Kadir, Akibu Mahmoud Abdullahi, Shahrinaz Ismail

- **Implementing Prescriptive Analytics for Handover Control Parameters in LTE Network. International Conference on Computer, Information Technology and Intelligent Computing 2023 (CITIC 2023). Status: Paper Presented**
  Noormadinah Allias;Megat Norulazmi Megat Mohamed Noor;Mohd. Taha Ismail;Mohd. Nazri Ismail

- **An Empirical Study of Handover Control Parameter on LTE Handover Algorithms: An Evaluation on Quality of Service and Quality of Experience**
  Noormadinah Allias;Megat Norulazmi Megat Mohamed Noor;Mohd. Taha Ismail;Mohd. Nazri Ismail
  AIP Conference Proceeding, Nov, 2022

- **Optimization Algorithms: Who own the Crown in Predicting Multi-Output Key Performance Index of LTE Handover**
  Noormadinah Allias;Megat Norulazmi Megat Mohamed Noor;Mohd. Taha Ismail;Mohd.

Nazri Ismail
IEEE International Conference on Automatic Control And Intelligent Systems
(I2CACIS) **,** Shah Alam, Malaysia, July 2022.

- **Investigation of The Impact of Routing Protocol in Green IoT with Netsim**
  Muhammad Fadhil Bin Lakarani;Aznida Binti Abu Bakar Sajak;Mohd Nazri Bin
  Ismail;Noormadinah Binti Allias
  1st International Conference on Information System & Information Technology (ICISIT),
  Yoyakarta, Indonesia, September 2022.

- **An Investigation on the Impact of Energy Harvesting in Green IoT with Netsims**
  Muhammad Fadhil Bin Lakarani;Aznida Binti Abu Bakar Sajak;Mohd Nazri Bin
  Ismail;Noormadinah Binti Allias
  1st International Conference on Information System & Information Technology (ICISIT),
  Yoyakarta, Indonesia, September 2022.

- **Performance Evaluation of Email Filtering Using a Hybrid Gini PSO-SVM with
  Taguchi Method**
  Kolokium Sains dan Teknologi Pertahanan 2014, Universiti Pertahanan Nasional
  Malaysia, 19 Februari 2014.

- **A Hybrid Gini PSO-SVM Feature Selection Based on Taguchi Method: An Evaluation
  on Email Filtering**
  Allias, N., Megat, M. N., Noor, M., & Ismail, M. N. (2014, January). In Proceedings of the 8th
  International Conference on Ubiquitous Information Management and Communication(p. 55).
  ACM.

- **A Hybrid Gini PSO-SVM Feature Selection**: **An Empirical Study of Population Sizes on
  Different Classifier**
  Allias, N., Noor, M. N. M. M., Ismail, M. N., & de Silva, K.
  2013 1st International Conference on Artificial Intelligence, Modelling and Simulation,
  2013, pp. 107-110, Kota Kinabalu, Sabah, IEEE.

BOOK/ BOOK CHAPTER

- **Investigating the Performance of Optimizing the Convolutional Neural Network in
  Detecting Malware Attack**
  Rawi, R., Hamka, M.H.N., Husin, H.S., Allias, N.
  SpringerBriefs in Applied Sciences and Technology, 2023, pp. 81–89.

- **Email Filtering Based on Swarm Intelligence via Machine Learning**
  Noormadinah Allias, Megat Norulazmi Megat Mohamed Noor, Mohd Nazri Ismail
  LAP Lambert Academic Publishing (January 29, 2015)
  ISBN-10: 3659680788   **ISBN-13:** 978-3659680786

CONTRIBUTIONS

- Bachelor of Networking System (BNS) IOT Workshop 2020 – **Role:** Committee member
- Network Day 2019 - **Role:** Working committee
- Literature ReviewWorkshop for FYP students 2019 **Role:** Speaker for FYP1
- Industrial Talk - Capturing the New Era of Networking 2018 **Role:** Committee member:
- The International Symposium On IOT & SDN/NFV 2018. **Role:** Committee member.
- The International Symposium Of IoT Cloud Infrastructure Technology (IoT-CIT) 2017. **Role:** Committee member
- MIIT SDN &Openstac Day 2016. **Role:** Committee member.
- Talk: Research Day- UniKL MMIT 2016. **Role**: Project Lead
- Students Sports Carnival- Ping-Pong (Gold Award) (2019) **Role:** Manager
- UniKL Convocation **Role:** Marshall (2018)

SKILLS
Operating System   : Windows OS and Linux
Software Packages   : Jupyter Notebook, Rapid Miner, Packet Tracer.Network
Product   : Configuring Cisco Routers and Cisco Switches
Analysis Tool : Snort IDS, Network Simulator (NS3), Network Monitoring tools

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