

Universiti Tun Hussein Onn Malaysia

Staff Profile

Full Name	Ts. Dr. Yunos Bin Ngadiman
Faculty	Fakulti Pengurusan Teknologi Dan Perniagaan
Department	JABATAN PENGURUSAN PENGELUARAN DAN OPERASI
Email	yunos@uthm.edu.my
Designation	DS52 - Pensyarah Kanan Ketua Kumpulan Fokus (FG) Manufacturing Technology Management Fakulti Pengurusan Teknologi Dan Perniagaan



Field of Expertise

Field Category (KPT)	ENGINEERING AND TECHNOLOGY
Field (KPT)	Industrial and Manufacturing Engineering
Field of Specialization (KPT)	Other Industrial and Manufacturing Engineering n.e.c.

Areas of Research Interest

1. Production and Assembly
2. Manufacturing Development
3. Science and Technology
4. Exploratory Research
5. Innovation Technology
6. Industrial Management
7. Total Quality Management
8. Total Productive Maintenance
9. Overall Equipment Efficiency
10. Maintenance Technology
11. Mathematical for Easy Calculation
12. Manufacturing Technology
13. Industrial Automation
14. Social Community
15. Electrical Energy Saving
16. Product Development
17. Business and Entrepreneurship
18. Japanese Language

Innovation Field of Interest

1. Product Innovation Development
2. Creativity and Innovation Activities
3. Problem Solving Activities
4. Operational Development
5. Maintenance Innovation

6. Maintenance Technology
7. Automation Technology
8. Creativity and Innovation
9. Easy Calculation in Mathematics
10. Electrical Energy Saving
11. Production and Operation
12. Manufacturing Technology and Applications
13. Industrial Management
14. Total Productive Maintenance
15. Machinery Efficiencies
16. Science and Technology
17. Social Development
18. Business and Entrepreneurship
19. Japanese Translation
20. Business Consultations
21. Japanese Language

Academic Qualification

Year	Qualification	Institution
2017	DOKTOR FALSAFAH PENGURUSAN TEKNOLOGI	UNIVERSITI TEKNIKAL MALAYSIA MELAKA
1994	SARJANA PENGURUSAN INDUSTRI TEKNOLOGI	OSAKA UNIVERSITY
1992	SARJANA MUDA KEJURUTERAAN ELEKTRONIK	KUMAMOTO NATIONAL UNIVERSITY OF TECHA
1990	DIPLOMA KEJURUTERAAN ELEKTRONIK	KUMAMOTO NATIONAL COLLEGE OF TECHNOLOGY
1987	DIPLOMA BAHASA JEPUN	TOKYO INT STUDENT INST OF JAPANESE SCHOOL
1985	CERTIFICATE/SIJIL KEJURUTERAAN ELEKTRONIK	POLITEKNIK KUANTAN

Professional Appointments

DS52 - Pensyarah Kanan

Management Experience

Date	Description
01/07/2020 - 31/12/2021	Ketua Kumpulan Fokus (FG) Fakulti Pengurusan Teknologi Dan Perniagaan , Manufacturing Technology Management
01/09/2018 - 31/08/2020	Pengurus Makmal Fakulti Pengurusan Teknologi Dan Perniagaan
01/02/2016 - 31/01/2017	Ketua Panel Fakulti Pengurusan Teknologi Dan Perniagaan , Jabatan Pengurusan Pengeluaran Dan Operasi
01/04/2015 - 31/03/2016	Ketua Panel Fakulti Pengurusan Teknologi Dan Perniagaan , Jabatan Pengurusan Pengeluaran Dan Operasi
01/08/2012 - 30/07/2014	Ketua Makmal Fakulti Pengurusan Teknologi Dan Perniagaan , Jabatan Pengurusan Pengeluaran Dan Operasi
01/07/2011 - 30/06/2012	Ketua Makmal Fakulti Pengurusan Teknologi Dan Perniagaan , Bahagian Pentadbiran Dan Kewangan
01/08/2005 - 31/07/2007	Ketua Makmal Fakulti Pengurusan Teknologi Dan Perniagaan , Jabatan Pengurusan dan Teknologi
01/07/2005 - 31/05/2006	Ketua Panel Fakulti Pengurusan Teknologi Dan Perniagaan

Professional Societies

Year	Description	Role	Level
15/04/2015 - 31/12/9999	JAPAN ACCREDITATION BOARD FOR ENGINEERING EDUCATION	Ahli	Antarabangsa
01/01/2015 - 31/12/2015	Institute of Electrical and Electronics Engineers (IEEE)	Ahli	Antarabangsa
17/07/2019 - 16/07/2020	Malaysia Board of Technologists (MBOT)	Teknologis Profesional	Kebangsaan

Teaching Experience

Year	Description	Level
2016	Industrial Engineering [BPB 31303], Sesi 2015/2016 Semester 2, Universiti Tun Hussein Onn Malaysia, 2016	University
2015	Industrial Automation [BPC 41203], Sesi 2015/2016 Semester 1, Universiti Tun Hussein Onn Malaysia 2015	University
2014	Industrial Automation [BPC41203, Sesi 2014/2015 Semester 1, Universiti Tun Hussein Onn Malaysia, 2014.	University
2014	Industrial Automation [BPC41203, Sesi 2013/2014 Semester 2, Universiti Tun Hussein Onn Malaysia, 2014.	University

Research Grants And Contracts

Code	Title	Designation	End Date
K206	THE DEVELOPMENT OF NEW INTEGRATED BIG DATA COMPETENCE MODEL AND INNOVATIVE TEACHING-LEARNING ORIENTATION FOR SUSTAINABLE COMPETITIVE ADVANTAGE IN MALAYSIAN HIGHER EDUCATION INSTITUTIONS.	Ahli	31/08/2021
H327	Using Elaboration Likelihood Model (ELM) and Persuasive System Design (PSD) to Examine Online Persuasion through E-Commerce Website Design: Comparative Study on Generation X and Generation Y Online Buyers	Ahli	30/06/2020
H369	Identification and Evaluation of the Critical Success Factors in Implementing Solar Energy Project in Malaysia using Analytic Hierarchy Process (AHP) Approach	Ahli	30/06/2020
U978	Development and Evaluation on In Vitro Bioactivity of 3D Printed Biomedical Scaffold from Natural Hydroxyapatite (HAp), Polycaprolactone (PCL), and Montmorillonite (MMT).	Ahli	30/04/2020
U879	The Impact Of Human Capital Towards Manufacturing Sustainability Through Contribution Of Malaysia Technical Univesity Network (MTUN) To Manufacturing Industri (MI) - A Case Study In UTHM	Ahli	29/02/2020
H044	An Exploration Study of the Current Practice and Challenges of Industry 4.0 Implementation in Manufacturing Firms of Malaysia	Ahli	28/02/2020
U882	The Awareness and Obstacle Factors in Machine Maintenance Towards Total Productive Maintenance (TPM) in Manufacturing Company	Ketua	31/08/2019
U884	The Antecedents and Impact of Public Research Institutions Commercialization Collaboration on Market Performance and Innovation Survival in Malaysia	Ahli	31/08/2019
H006	An innovative approach to facilitate the cleaning process of bird's nest using nano-sonication assisted with vegetable oils.	Ahli	31/03/2019
U127	Compliance to Islamic Business Practices Among Business in Malaysia	Ahli	30/06/2017
E044	A Study On "Enviropreneurial" Value Chain And Balance Scorecard For Malaysian Small And Medium Enterprises	Ahli	31/05/2016
R038	The Use Of Non-Financial Performance Measures : Case Study From The Malaysian Small And Medium Sized Firms In The Manufacturing Sector	Ahli	31/05/2016
0143	Dev. Of Marketing Strategic For Healthy Soft Drink Product (Curcuma Xanthorrhiza) Through 4P Concepts	Ketua	28/02/2006

Publications**Book**

Abdul Hamid N.A., Cheun C.H., Abdullah N.H., Ahmad M.F., Ngadiman Y.
(2019) *Let For A Better Life And A Better World*, Springer , 263, ISBN:9783030107376

Journal

Ahmad Nur Aizat Ahmad, Md Fauzi Ahmad, Norhadilah Abdul Hamid, Yunos Ngadiman, Mohamed Ismail Pakir, Gusman Nawanir, Adnan Bakri, Mustaqqim Abdul Rahim
(2020) *Green Lean Practices Towards Increasing Operation Value Of Manufacturing Company*, INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING (IJIE), UTHM , 10, 128, ISSN:2229838X

Ahmad Nur Aizat Ahmad, Md Fauzi Ahmad, Norhadilah Abdul Hamid, Yunos Ngadiman, Mohamed Ismail Pakir

(2019) Process Time Improvements Through The Application Of Value Stream Mapping Support Lean System, INTERNATIONAL JOURNAL OF ADVANCED TRENDS IN COMPUTER SCIENCE AND ENGINEERING, THE WORLD ACADEMY OF RESEARCH IN SCIENCE AND ENGINEERING , 12, 310, ISSN:22783091

Sara Tilabi; Rosmaini Tasmin; Josu Takala; Ravindran Palaniappan; Nor Aziati Abd Hamid; Yunos Ngadiman

(2019) Technology Development Process And Managing Uncertainties With Sustainable Competitive Advantage Approach , ACTA LOGISTICA - INTERNATIONAL SCIENTIFIC JOURNAL ABOUT LOGISTICS INTERNATIONAL SCIENTIFIC JOURNAL ABOUT LOGISTICS INTERNATIONAL SCIENTIFIC JOURNAL ABOUT LOGISTICS , ACTA LOGISTICA - INTERNATIONAL SCIENTIFIC JOURNAL ABOUT LOGISTICS , 12, 131, ISSN:13395629

Norhadilah Abdul Hamid, Azmawani Abd Rahman, Md. Fauzi Ahmad, Ahmad Nur Aizat Ahmad, Yunos Ngadiman, Siti Norziah Ismail

(2018) The Impacts Of Npd Characteristics On Innovationmarket Performance And Its Survival: The Mediating Role Of Collaboration, INTERNATIONAL JOURNAL OF INNOVATIVE TECHNOLOGY AND EXPLORING ENGINEERING (IJITEE), Blue Eyes Intelligence Engineering and Sciences Publication , 6, 280, ISSN:22783075

Shiau Wei Chan, M.F. Ahmad, Fadillah Ismail, Yunos Ngadiman, Izzuddin Zaman, Siti Sarah Omar, Kian Yuen Tay

(2018) Comparative Study Of Product Quality Perception Between Malaysian And Non-Malaysian Electrical Appliance Among Tertiary Students, INTERNATIONAL JOURNAL OF SUPPLY CHAIN MANAGEMENT, ExcelingTech Publishers, , 7, 87, ISSN:20513771

Muhammad Umar Bello, David Martin@Daud Juanil, Rozilah Kasim, Muhammad Najib Razali, Yunos Ngadiman, Talib Bon

(2018) Evidence Of Municipal Awareness As A Construct For Enhancing Citizen Satisfaction In Municipal Council Of Malaysia, PATH OF SCIENCE, Path of Science , 7, 1001, ISSN:24139009

Ngadiman Y., Omar S.S., Mohamed M.I.K.P.H.P.

(2017) An Avoidance Of Short Circuits For Fryer Machine In Salleh Food Industries, SOCIAL SCIENCES (PAKISTAN), Institute of Creative Advanced Technologies, Science and Engineering (ICATSE), Korea. , 1, 2689, ISSN:18185800

Omar, S.S., Mohamed, M.I.P., Atan, S.A., Ramlan, R., Ngadiman, Y.

(2016) Relational Dynamics Factors That Influence Buying Decisions: A Review Of Malaysian Chinese Smes Practices, SOCIAL SCIENCES, Medwell Journals , 9, 2662, ISSN:1818-5800

Nor Aziati A.H., Hassan M.H., Abdullah N.H., Ngadiman Y.

(2016) The Relationship Between Worker Involvement Factor And Cleaner Production Factor Towards Green Manufacturing Performance, ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES, ARPN , 5481, ISSN:18196608

A. H Nor Aziati, Muhammad Hairulnizam Hassan, Nor Hazana Abdullah and Yunos Ngadiman

(2016) The Relationship Between Worker Involvement Factor And Cleaner Production Factor Towards Green Manufacturing Performance , ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES, Asian Research Publishing Network (ARPN) , 4, 5481, ISSN:18196608

Prosiding / Seminar

Yunos Ngadiman , Burairah Hussin , Abdul Talib Bon and Nor Aziati Abdul Hamid

(2017) Factors That Influenced The Quality Inspection On The Production Line In Manufacturing Industry , EDP Sciences , 1, ISBN:2261-236X

Ramlan, R., Cheng. A. P., Chan. S. W., & Ngadiman, Y.

(2016) Implementation Of Fuzzy Inference System For Production Planning Optimisation , IEOM Society International , 2151 , ISBN:978-0-9855497-4

Yunos Ngadiman, Burairah Hussin, Nor Aziati Abd Hamid, Rohaizan Ramlan, Liew Kai Boon

(2016) Relationship Between Human Errors In Maintenance And Overall Equipment Effectiveness In Food Industries, IEOM Society , 668 , ISBN:978-0-9855497-4

NOR AZIATI A.H., HOON A.S., ABDULLAH N.H., NGADIMAN Y., AHMAD M.F.

(2016) The Adoption Of 4g Mobile Network Services In Klang Valley, THE SCIENCE AND ENGINEERING INSTITUTE , 272, ISBN:9789811100086

Nor Aziati, A.H. , Hoon, A.S., Abdullah, N.H., Ngadiman, Y., Ahmad, M.F.

(2016) The Adoption Of 4g Mobile Network Services In Klang Valley , International Workshop on Computer Science and Engineering (WCSE) , 272 , ISBN: 9789811100086

Consultancies

Year	Description	Level
2016	Salleh Food Industries Sdn. Bhd, Parit Raja, 2015 - 2017	Private
2014	Marketing Consultant for Nusantara Optometrics, Parit Raja, 2014 - 2016	Private

Extension & Public Services

Year	Description	Level
2016	Ahli Jawatankuasa PIBG Sek Men Keb Tun Ismail, Parit Raja, 2016 - 2018	District

Courses & Training

Year	Description Organiser / Venue	Date
2021	PERKONGSIAN ILMU: PERMOHONAN GERAN KONSORTIUM KECEMERLANGAN PENYELIDIKAN (KKP) BERSAM YBRS, PROF. MADYA DR. NOR AZIATI BINTI ABDUL HAMID UTHM / GOOGLE MEET	25/04/2021
2021	SESI PERKONGSIAN ILMU: PERMOHONAN GERAN KONSORTIUM KECEMERLANGAN PENYELIDIKAN	25/04/2021

(KKP) BERSAMA YBRS. PROF. MADYA DR. NOR AZIATI BINTI ABDUL HAMID
UTHM / GOOGLE MEET

2020	BENGKEL PEMURNIAN BPP JPPO FPTP UTHM / -	01/10/2020
2020	BENGKEL PEMURNIAN BPP JPPO FPTP UTHM / -	30/09/2020
2020	LATIHAN DAN PEMBELAJARAN KEGUNAAN MESIN INJECTION MOULDING UTHM / -	22/07/2020
2020	WACANA KOMUNITI : PENJIMATAN ELEKTRIK SEMASA PKP - PUNCA KENAIKAN BIL ELEKTRIK DAN LANGKAH PENJIMATAN DI RUMAH UTHM / -	14/06/2020
2020	OPTION 1 SAKURA SCIENCE FUND JAPAN : PERKONGSIAN KAEDAH PERMOHONAN DAN SKOP DANA UTHM / -	10/06/2020
2020	SESI PERTEMUAN TIMBALAN NAIB CANCELOR (PENYELIDIKAN DAN INOVASI) BERSAMA STAF PENGURUSAN FPTP UTHM / -	11/05/2020
2020	BENGKEL ' INTERNATIONAL WORKSHOP ON 4TH INDUSTRIAL REVOLUTION AND TVET INNOVATION UTHM / BILIK LESTARI 1, PTTA	12/02/2020 - 13/02/2020
2020	BENGKEL PENULISAN BAB DALAM BUKU MENGIKUTI KUMPULAN FOKUS UTHM / BILIK SEMINAR UTAMA, ARAS1, FPTP	10/02/2020
2019	KURSUS AUTHOR FPTP 2019 UTHM / UTHM	03/09/2019
2019	KURSUS PENULISAN JURNAL, JABATAN PENGURUSAN PEMBINAAN UTHM / BILIK SEMINAR UTAMA , ARAS 1 FPTP	02/09/2019 - 03/09/2019
2019	KURSUS PENGURUSAN TENAGA UTHM / DEWAN AL-FARABI, MASJID SULTAN IBRAHIM	07/08/2019 - 08/08/2019
2019	BENGKEL SCIENCEDIRECT & SCOPUS UTHM / UTHM	06/08/2019
2019	PROGRAM PERKONGSIAN / JERAYAWARA E-PEMBELAJARAN CGOL BERSAMA FPTP UTHM / UTHM	31/07/2019
2019	CERAMAH KESEDARAN TERHADAP SISTEM PENGURUSAN KUALITI DAN PERSEDIAAN AUDIT KUALITI ISO 9001: 2015 UTHM / UTHM	25/07/2019
2019	EAC NEW PANEL EVALUATOR WORKSHOP LEMBAGA JURUTERA MALAYSIA / P E T A L I N G J A Y A , S E L A N G O R	16/04/2019 - 18/04/2019
2019	INTERNATIONAL CONFERENCE ON APPLIED SCIENCE AND TECHNOLOGY (ICAST 2019) LAIN-LAIN / Johor Bahru, Johor, Malaysia	01/04/2019 - 02/04/2019
2019	BICARA PENYELIDIKAN MALAYSIA TORAY SCIENCE FOUNDATION GRANT UTHM / UTHM	10/03/2019
2019	ROADSHOW DAN PERKONGSIAN ILMU PENYELIDIKAN BERSAMA STAF AKADEMIK FPTP UTHM / FPTP UTHM	11/02/2019
2019	BENGKEL "FROM LITERATURE REVIEW TO RESEARCH DESIGN" UTHM / BILIK SEMINAR UTAMA ARAS 1 FPTP	13/01/2019