



Mohd. Nazli Naim

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Associate Professor, A03753

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Personality

I am an academician who enjoys teaching and research. With five years of experience in industries previously, I am highly motivated to publish my idea and finding to the international level. I lead and mentor other people, especially the juniors and students, to initiate, execute, and manage the research work.

Date of birth : 12 Mar 1978
I/C:780312045567

Skills

Computer Software

Microsoft office	■	■	■	■	■
HYSYS (Sim.)	■	■	■	■	■
SuperPro (Sim.)	■	■	■	■	■

Language

ENGLISH	■	■	■	■	■
MALAY	■	■	■	■	■
JAPANESE	■	■	■	■	■

Department of Process and Food Engineering, Faculty of Engineering, UPM

- Associate Professor, (2019- present)
- Senior Lecturer, (2010 – 2018)
- Development Committee, Faculty of Engineering, UPM, 2017-2018
- Development Coordinator, Department of Process and Food Engineering, UPM, 2017-2018
- Coordinator, Bioreactor Laboratory Department of Process and Food Engineering, UPM 2017-2018
- Head, Academic Program Packaging Engineering Department of Process and Food Engineering, UPM 2014-2016
- Development Coordinator, Department of Process and Food Engineering, UPM, 2010-2012
- Committee, Calibration, Faculty of Engineering, UPM, 2011-2012
- Committee Occupational Safety and Health Faculty of Engineering, UPM, 2011-2012

Non-Administrative Works

- Regional Associate in Foreign Countries, Society of Chemical Engineering, Japan, 2020-recent
- Professional Engineer (Ir.), Board of Engineers Malaysia, 2020-recent
- Chartered Engineer, Institution of chemical engineers, U. Kingdom.
- Regional committee member, Society of Chemical Engineers, Japan (SCEJ) 2018-recent.
- Coordinator, International Education Program for Field-Oriented Leaders in Environmental Sectors in Asia and Africa (FOLENS), Japan, 2013-2018
- International Research Alumni, Tokyo university of Agriculture and Technology, 2015-present
- Mentor, Research Acculturation Collaborative Effort (RACE), UiTM 2013-2015
- Technical, Logistic and Exhibition Director, International Conference on Agricultural and Food Engineering 2017-2018
- International Secretariat, International Conference on Agricultural and Food Engineering, 2015-2016
- Technical Visit Deputy Director, International Conference on Agricultural and Food Engineering, 2013-2014
- Exhibition Director, International Conference on Agricultural and Food Engineering, 2011-2012

Mobility and Attachment

- Sabbatical, Tokyo University of Agriculture and Technology, Japan April-Dec 2016.
- Research Associates, Tokyo University of Agriculture and Technology, Japan Mei-Aug 2014.
- Research Associates, Tokyo University of Agriculture and Technology, Japan June-Sept 2013.
- Research Associates, Tokyo University of Agriculture and Technology, Japan Mei-June 2012.

Industrial appointments

(2018 – 2019) Industrial Attachment

Progene Link Sdn Bhd (591013-H)

- Research on electrospinning and nanofiber development in Malaysia.

(2008 – 2010) Doctor Support Research Assistant (DSRA), Japan

Tokyo Univ. of Agriculture and Tech. (TUAT), Japan (東京農工大学)

Laboratory/ Instrument

FESEM



RAMAN Spectroscopy



Atomic Force Microscopy



Research Expertise

Citations 362; H-index 11;

Publications:

Papers: 42 (indexed)

(Corresponding authors/Senior

authors = 22, Co-authors = 20)

Q1, Q2 percentage: 74.9%

Open Access papers=3

Patents = 2



<https://orcid.org/0000-0002-6316-3865>

Process Engineering;

Fried food processing

Phytoremediation treatment

Active compounds encapsulation

Hydrocolloid thermal gelation.

Bionanotechnology;

Electrospraying

Electrospinning

Electrophoretic deposition

Commercialized technology;

French fries vending machine

Nanomaterial coating technique

Supervision

5 PhD Students (2 main, 3 Co-SV ; 3 graduated)

10 Masters Students (5 main, 5 Co-SV ; 7 graduated)

Professional Affiliation

- Institute of Chem. Engineers UK, Chartered Engineer (CEng, MICHEM)
- Regional Associate in Foreign Countries, Society of Chemical Engineering, Japan
- Board of Engineers Malaysia BEM, (Ir., PEng)
- Malaysian Society Of Agricultural Engineers, MSAE Member

- Research on Atomization and Particulate Matter support by Nanoplantex corp., Japan

(2004 – 2006) Technical Executive

Azman Hamzah Plastik Sdn. Bhd., Shah Alam

- Head of Painting Department, Tg. Malim Division
- Production executive, Plan and Engineering Department, Shah Alam.

(2001 – 2004) Engineer

Dunham-Bush Ind. Sdn .Bhd., Selangor

- Electroplating Engineer
- Steel Coating and Painting Department (Paintshop)

(1999) Trainee

Xepa-Soul Pattinson Sdn. Bhd., Malacca

- Monitoring on waste water treatment plant of refinery plant
- Facility Department and Engineering
- Safety and health

Education

(2007-2010) PhD

Tokyo Univ. of Agriculture and Tech. (TUAT), Japan (東京農工大学)

- Research on Electric-force assisted deposition of nanomaterials
- Graduate School of Bio-Applications and Systems Engineering, Tokyo University of Agriculture and Technology, 2-24-16 Nakacho, Koganei, Tokyo 184-8588, Japan.

(1997-2000) Bachelor in Biochemical Engineering

Universiti Kebangsaan Malaysia (UKM)

- Chemical and Process Engineering Department, Faculty of Engineering, UKM, Selangor, Malaysia.

Awards

- 2019 Silver, Engineering Innovation Exhibition, 2019, Faculty of Engineering, UPM, Serdang
- 2019 5th place, Selangor R & D innovation Expo, 2019, MITEC , Kuala Lumpur
- 2017 Gold Medal, Grading of Emulsified Essential Oils Using Gel Electrophoresis Techniques (RIDE 2017)
- 2017 Best Presentation Award, Phytoremediation Process of Contaminated Fresh Water using Aquatic Perennial Plant: Nelumbo Nucifera (ICGSCE2017)
- 2016 Best Paper Award, The solidification of Jasmine extract by using electrostatic atomizer (electrospray), (CAFEI2016)
- 2016 Best Paper Award, Grading of Emulsified Agarwood Oil Using Gel Electrophoresis Technique (ICASFE2016)
- 2016 International Student's Mobility Grant, Lee Xiao Fen (STEP-JASSO), Japan
- 2015 International Post Graduate Student's Mobility Grant, Nor Shaerah Binti Abd Rasid (Japan Science and Technology Agency (JST), Japan.
- 2015 International Post Graduate Student's Mobility Grant, Syahira Binti Mohd Sharif (Japan Science and Technology Agency (JST), Japan.
- 2014 Bronze Medal, Encapsulation of natural fragrance compound via electrical-assisted atomization process (i-ENVEX 2014)
- 2013 Gold Medal, Removal of Nanometal Particles in Tap Water by using Electrophoretic Deposition Techniques (RIID 2013)
- 2013 Bronze Medal, Development of Natural Food Colorant using Amaranthus Gangeticus (i-ENVEX 2013)

- International Education Program for Field-Oriented Leaders in Environmental Sectors in Asia and Africa (FOLENS), Japan,
- Coordinator

Teaching

- Fluid mechanics, (EMM 3305)
- Plant Design Project (EPF4947)
- Waste treatment and utilization (EPF3501)
- Process Equipment Design, (EPF 4801)
- Bio-Material Processing System, (EPF4603)
- Physical Unit operation, (EPF 3202)

Recognition

- 2017 Journal Reviewer, Characterizations of surfactant synthesized from palm oil and its application in enhanced oil recovery, Journal of the Taiwan Institute of Chemical Engineers, (scopus)
- 2016 Journal Reviewer, Fabrication and characterization of nanofibers Based on Poly (lactic acid)/Chitosan blends by Electrospinning and Their functionalization with phospholipase A1", Fibers and Polymers (scopus)
- 2016 Journal Reviewer, Evaluation and optimization of electrospun polyvinyl alcohol fibers via Taguchi Methodology, International Polymer Processing (scopus)
- 2015 Journal Reviewer, Mathematical modeling of cocomposting of oil palm Empty fruit bunch, AGRICULTURE AND AGRICULTURE SCIENCE PROCEDIA (scopus)
- 2015 Journal Reviewer, Removal of Impurities in Production of High Purity Quartz by a Chemical Cleaning Process, Journal of Cleaner Production (scopus)
- 2014 Journal Reviewer, Electrophoretic Deposition on Non Conducting Substrates: A Demonstration of the Application to Microwave Devices, Langmuir (scopus)
- 2014 Invited Speaker, Graduate School of Bio-Applications and Systems Engineering, Tokyo University of Agriculture and Technology, Japan
- 2014 Conference Reviewer, Encapsulation of freeze-dried Vitamin E using different wall materials and evaluation of its properties, 2nd International Conference in Agricultural and Food Engineering (CAFEI 2014)
- 2014 Conference Reviewer, Effect of Encapsulation Material on Quality and Bioactive Peptides of Spray Dried Black Tilapia (Oreochromismossambicus) Hydrolysate, 2nd International Conference in Agricultural and Food Engineering (CAFEI 2014)
- 2014 Journal Reviewer, Dyeing properties and color fastness of cellulase-treated flax fabric with extractives from chestnut shell, Journal of Cleaner Production (scopus)
- 2014 Journal Reviewer, Recovery of Ni²⁺ and pure water from Electroplating rinse wastewater by an integrated two-stage electro Deionization process, Journal of Cleaner Production (scopus)
- 2013 Conference Reviewer, AIP Conference proceeding, NNS 2013, Indonesia (scopus)
- 2013 Journal Reviewer, Indicators for the appreciation of recycled copper by the mining industries, Journal of Cleaner Production (scopus)
- 2013 Journal Reviewer, Used of recycled CRT funnel glass as fined aggregates in dry mixed concrete. Journal of Cleaner Production (scopus)
- 2013 Invited Speaker, 5th Nanoscience and Nanotechnology Symposium, Indonesia 2013
- 2012 Invited Speaker, The Biennial Australian Colloid and Interface

Symposium, Australia

2011 Judges, Invention, Innovation and Design Competition, Faculty of Electrical Engineering, UiTM

Research grants

- 2019-2022 FRGS, Project leader, Raman vibration signal study of hydrocolloid mixtures conversion to batter-coated layer after the post-frying process (RM 141,800)
- 2018-2020 Putra Grants, Project leader, Non-thermal atomization of encapsulated Jasmine's bioactive compounds using electrospray method (RM 49,400)
- 2017-2019 Putra Grants, Project leader, Phytoremediation process of contaminated fresh water using Aquatic Perennial Plant: *Nelumbo nucifera* (RM 20,000)
- 2017-2019 Industrial Grants (BAFA Enterprise), Project leader, Development of Vending Machine Project under the Department of Food and Process Engineering, UPM (RM 73,990)
- 2016-2018 Putra Grants, Project leader, Conversion of lignocellulosic biomass from fruit bunch stalk to methylcellulose (RM 20,000)
- 2015-2017 Putra Grants, Project leader, Encapsulation of jasmine extracts with cyclodextrin using electrostatic atomizer (electrospray)(RM 14,980)
- 2014-2016 FRGS, Member, Cellulose nanofibre as a potential support for immobilization of cyclodextrin glucanotransferase via covalent binding (RM 118,700)
- 2013-2015 Putra Grants, Project leader, Immobilization of Cyclodextrin glucanotransferase (CGTase) on electrospun nanofiber for cyclodextrin production (RM 14,980)
- 2013-2015 FRGS, Project leader, Solidification of Droplets upon Electrostatic Atomization of Encapsulated Bio-active compounds (RM 92,900)
- 2013-2015 FRGS, Member, Crystallisation reaction Mechanism of Active Pharmaceutical Ingredient (API) in Electric charged Solution (RM 87,000).
- 2013-2015 FRGS, Member, Mechanism of surfactant-assisted aqueous extraction of residual oil from oil palm lignocellulosic residue and modelling of extraction kinetics. (RM 92,000)
- 2012-2014 ERGS, Removal of Sorpted Arsenic onto Iron Oxides (SAIO) Particles using Electrophoretic Deposition (EPD) Technique. (RM 50,000)
- 2012-2014 Knowledge transfer program (KTP grant) with Highbiz Trading Sdn Bhd., Penghasilan Produk Baja Dari Bahan Organik dan Sisa Agro. (RM120,000)
- 2012-2014 RACE grants, member, Tablet formation of mefenamic acid binderless-core granules, Research Acculturation collaborative Effort (RM 47,000)
- 2011-2013 UiTM grants, member, Uniformity Investigation of Deposited

nanoparticles via pulse DC in Electrophoretic Deposition (RM 10,000)

2011-2013 FRGS, member, Kinetics Study of Aqueous Electrophoretic-Deposited Nanoparticles (RM 120,000)

2011-2013 RUGS-Putra Grants, Project leader, Extraction of Nano-order Metal from Drinking Water by Electrophoretic Deposition (RM30,000)

Outbound student mobility

2018-2019 International STEP-JASSO Attachment Grant, Japan Student Services Organization, STEP-JASSO (¥960,000 = RM 35,462)

2016-2017 International STEP-JASSO Attachment Grant, Japan Student Services Organization, STEP-JASSO (¥1,080,000 = RM 37,200)

2015 Japan Science and Technology Agency (JST) Grant (Japan Mobility Grant, (¥150,000 = RM 5,164).

2015 Japan Science and Technology Agency (JST) Grant, (Japan Mobility Grant, (¥150,000 = RM 5,164).

Inbound student mobility

Attached International student coordination

No.	Name	Title
1.	Dr. Masao Gen, PhD, 2012	Assembly of particle collection system with high mobility to understand atmospheric particles in Malaysia (Professor M. Pauzi Zakaria, Fac. of Environmental Studies)
2.	Mayu Kuniyuki, Master 2015	Health consciousness and behavior toward labeling among UPM students (Dr. Roslan Ismail, Fac. Of Agriculture)
3.	Norihiro Yoshida, PhD, 2018	Introducing of nanomaterial to plants (Dr. M. Nazli Naim)

Students Supervision

PhD (Main Supervisor)

No.	Name	Title
1.	Dr. Boon Yih Tien, 2013 (Graduated)	Bioactive-Compound Extraction from Agarwood Oil Using Electro-Assisted Technology
2.	Syuhaidah Rahmam, 2013	Solidification of encapsulated bioactive via electrospray

PhD (Co-Supervisor)

No.	Name	Title
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1. Dr. Chong Pik Han, 2012 (Graduated) Modelling of simultaneous encapsulation of beta cyanins and antioxidants during spray drying of red amaranth extract
2. Dr. Safwan Sulaiman, 2013 A study of immobilized cyclodextrin glucanotransferase (CGTase) onto kenaf support via covalent binding technique
3. Ruzanna Ahmad Sapi'i On going
4. Fara Wahida Ahmad Hamidi On going

MS with thesis (Main Supervisor)

No.	Name	Title
1.	Dr. Suryani Saalah, 2012 (Graduated)	Transformation of Cyclodextrin glucanotransferase (CGTase) from aqueous suspension to fine solid particles via electrospray method
2.	Lee Xiao Fen, 2014	Development of cellulose derivative components for food industries application
3.	Nor Shaerah Abd. Rasid, 2014	Nanotechnology in aquatic perennial plants: Nelumbo Nucifera
4.	Nurul solehah Mohd. Zaini, 2017	Microbial activity study of degraded run-off fertilizer of Nelumbo Nucifera's plants during phytoremediation process.
5.	Lua Hwee Ying, 2018	Effect of Methylcellulose batter coating on potatoes substrate in the post frying process

MS with thesis (Co-Supervisor)

No.	Name	Title
1.	Ng Lin Chieh, 2012 (Graduated)	Study on characteristics of enzyme immobilized on Kenaf micro fiber through covalent attachment
2.	Syahirah Mohd. Shariff, (UiTM), 2011 (Graduated)	Deposition of Iron Oxide Nanoparticles in Tap water using electrophoretic deposition (EPD) technique
3.	Nor Hakimah binti Ramly, 2012, (Graduated)	Recovery of residual oil from palm oil Mesocarp
4.	Nurul Ain binti Mazlan, 2014 (Graduated)	Study on fouling of ultrafiltration membrane using POME as feed sample
5.	Ruzanna Ahmad Sapi'i (2017), (Graduated)	Development of starch/chitosan nanoparticle Nanocomposites film with anti bacteria properties

Bachelor Program (Supervisor)

No.	Name	Title
1.	Muhammad Asyraf Mohammad Bajuri (145474), 2011	Capsule filler machine
2.	Atiqah Raihan Jaafar (146909), 2012	Nanocomposite Development of Plastic Material From Organic Waste
3.	Yeon Hui Ting (149550),	Nano-order Penetration in Drinking Water:

	2012	Metal Corrosion Chronology & Mechanism
4.	Puteri Fardiana Anisza Megat Razali (146899), 2012	Deposition of Empty Fruit Bunch (EFB)'s Biochar in Aqueous by Electrophoretic Deposition (EPD)
5.	Tan Kah Boon (148365), 2012	Development of Nano-order Powder via Electrospray Method
6.	Lim Sheu Fang (153707), 2013	From Dissolved Enzymes to Nano-order Droplets Transformation and Control using Electrospray Technique
7.	Chu Yu Wey (153793), 2013	Non-thermal Drying of Natural Colorants Powder via Electrospray Route
8.	Tey Chia Ying (157985), 2014	Electrical-Assisted Separation Process of Bioactive-Compound for Food, Beverage and Nutraceutical Industries
9.	Yee Yin Yin (159377), 2014	Encapsulation of Natural Fragrance Compound via Electric Assisted Atomization Process (Electrospray)
10.	Elaine Ng (163882), 2015	Water Removal In Extracted Jasmine Flower's Droplet During Atomization Process
11.	Irene Khoo Li Chen (163362), 2015	Control of Fat Uptake in Fried Potatoes during Deep-Fried and Air-Fried Frying
10.	Ooi Chew Lei (163012), 2015	Bioactive Compound Separation of Encapsulated Agarwood Oil Droplets
11.	Nurul Wahidah Ghazali (168678), 2016	Encapsulated and Non-Encapsulated Bioactive Compounds Via Electrospray
12.	Too Jun Hao (169809), 2016	Characterization of Cinnamon oil quality using electrophoresis separation technique
13.	Foo Lin Xing (174551), 2017	Conversion of Methyl Cellulose From The Stalk of Oil Palm Empty Fruit Bunch For Food Coating Application
14.	Nurshafiqah Abd. Rahim (180303), 2018	Feed-batch process of organic waste treatment using Lotus plant
15.	Lua Hwee Ying (177647), 2018	Batter mixture and oil uptake control process for vending machine development
16.	Lim Yee Mei (179153), 2018	Shelf Life Comparison Study of Encapsulated and Non-encapsulated Jasmine Flower's Extract
17.	Areej Amr Abdelazim Elkwee, (181282) 2019	The role of clay nanoparticles in the Phytoremediation process
18.	Tan Jin Tian, (183770) 2019	The effect of methycellulose coating during de frying process of sweet potato strips
19.	Nur Erni Shuhada Nordin, (186980), 2020	Nanoclay enhanced phytoremediation process
20.	Fatin Hamizah Rahimin,	Development of fried food vending machine

Community and Industry

- 2017 Development of Vending Machine Project under the Department of Food and Process Engineering, UPM. Project leader. Support by BAFA Resources, SA0438617-P, 22 Jalan Plumbum 7/101C, Seksyen 7, 40000 Shah Alam, Selangor, MALAYSIA. +603 5524 0561, bafaresources@gmail.com (RM 73,990)
- 2015 Ministry Expert Committee, Kementerian Kesihatan Malaysia, Aras 3, Blok E7, Parcel E, Pusat Pentadbiran Kerajaan Persekutuan, 62590, Wilayah Persekutuan Putrajaya, Malaysia. +603 8883 3888 fsq-division@moh.gov.my
- 2014 Community project, Compost production from organic and agrowaste in Bagan Datoh (Leader, Dr. Azhari Samsu Baharuddin) and collaboration support by Highbiz Trading Sdn Bhd. (RM 120,000)
- 2013 Waste treatment and utilization project, Leader, Kilang Beras BERNAS Sri Tiram Jaya, 45500 Tanjung Karang, Selangor. +603 3269 8101
- 2013 Waste treatment and utilization project, Leader, Central Sugar Refinery, Batu Tiga, 40000, Shah Alam, Selangor. Manager +603 5520 7200
- 2013 Waste treatment and utilization project, Leader, Dewina Food Industries Sdn. Bhd. Lot 9 & 11 Jalan P/9B, Kawasan Perusahaan, 43650, Bandar Baru Bangi, Selangor. +603 8925 6351
- 2013 Waste treatment and utilization project, Leader, Felda Sg. Tenggi Palm Oil Mill, Kilang Sawit Sungai Tenggi, 44010, Kuala Kubu Baru, Selangor, Selangor. +603 8925 6351
- 2013 Waste treatment and utilization project, Leader, Ladang Nanas, No. 48, Jalan Setia, 41200, Klang, Selangor. Strategic Resources Research Centre +612 931 8462 (Nordin b. Hassan)
- 2013 Waste treatment and utilization project , Leader, Strategic Resources Research Centre, MyGenebank Complex, MARDI Headquarters, Persiaran MARDI-UPM +603 8948 3664 maria@mardi.gov.my
- 2013 Waste treatment and utilization project, Leader, Malaysian Palm Oil Board (MPOB) mill, P.O. Box 5, KM 16, Jalan Labu, 71900. Labu., Negeri Sembilan. +606 791 6795 kks.labu@simedarby.com
- 2013 Waste treatment and utilization project , Leader, Pukin Palm oil mill, 30km, Lebuhraya Tun Razak, Keratong, Rompin, Pahang. +60 (3) 8947 8888 (Putrajaya Head Office) corp@ioigroup.com
- 2013 Waste treatment and utilization project, Leader, Yuen Chun Ind. Sdn. Bhd., Chan Sow lin 19, Jln. Chan Sow Lin, 55200, Kuala Lumpur +60(3) 9222 0015

- 2012 Waste treatment and utilization project, Leader, Indah water Konsortium Bhd., Level 1-4 Block J, Pusat Bandar Damansara, 50490, Kuala Lumpur
+60(3) 2780 1100
- 2012 Waste treatment and utilization project, Leader, Nestle Manufacturing (M) Sdn. Bhd., No. 25, Jln. Tandang, 46000, Petaling Jaya, Selangor
+60(3) 7787 7400
- 2012 Waste treatment and utilization project, Leader, Gardenia Bakeries (KL) Sdn. Bhd. Lot 3, Jln. Palbur 23/1, 40300, Shah Alam, Selangor
+60(3) 5542 3228
- 2012 Waste treatment and utilization project, Leader, Gardenia Bakeries (KL) Sdn. Bhd. Lot 3, Jln. Palbur 23/1, 40300, Shah Alam, Selangor
+60(3) 5542 3228
- 2012 Waste treatment and utilization project, Leader, Premium Food Corporation Sdn. Bhd., Komplek Pasar Borong, Seri Kembangan, 43400, Serdang, Selangor
+60(3) 8942 8358
- 2012 Waste treatment and utilization project, Leader, KL-Kepong Oleomas Sdn. Bhd., No. 25, Jln. Sg. Pinang, Tmn. Perindustrian Pulau Indah, 42920, Selangor
+60(3) 8942 8358
- 2012 Waste treatment and utilization project, Leader, PUNCAKNIAGA (M) SDN BHD, No. 4, Persiaran Sukan, Seksyen 13, 40100 Shah Alam, Selangor Darul Ehsan, Selangor
+60(3) 8942 8358
- 2012 Consultation committee, MIGHT-METEOR Advanced manufacturing Sdn. Bhd., 4th Floor, Centre point Business Park, No. 5, Jalan Tanjung Keramat 26/35, Seksyen 26, 40000, Shah Alam, Selangor.
+60(3) 5191 6060

Publications

Corresponding author/Senior author

No.	Authors/Index	Title
1.	Hussain, M.H., Abu Bakar, N.F., Low, K.-F., Naim, M.N., Lenggoro, I.W.	Growth-controlled synthesis of polymer-coated colloidal-gold nanoparticles using electrospray based chemical reduction, <i>Particology</i> , 2021, 57, pp. 72–81.
2.	Mohd Zaini, N.S., Abdelazim Elkwiee, A.A., Naim, M.N., Abu Bakar, N.F.	Role of nanoclay surface charge for phytoremediation process enhancement, <i>Journal of Water Process Engineering</i> , 2021, 40, 101850
3.	Lua, H.Y., Naim, M.N., P. Mohammed, M.A., Hamidon, F., Abu Bakar, N.F.	Effects of ultrasonicated methylcellulose coating on French fries during deep frying process, <i>Journal of Food Process Engineering</i> , 2020 43(2), e13332
4.	Naim, M.N., Abd Rasid,	Role of synthesized soil for minimizing heavy

- N.S., Abu Bakar, N.F. metal penetration into the plant's cell in phytoremediation process, Naim, M.N., Abd Rasid, N.S., Abu Bakar, N.F. International Journal of Engineering and Advanced Technology, 2019, 9(1), pp. 5786–5790.
5. N.S. Abd Rasid, **M.N. Naim**, H. Che Man, N.F. Abu Bakar, M.N. Mokhtar (**Q2/Scopus**) Evaluation of surface water treated with lotus plant; *Nelumbo nucifera*, <https://doi.org/10.1016/j.jece.2019.103048>, Journal of Environmental Chemical Engineering (2019)
 6. Boon, Y.T., **Mohd Nazli, N.**, Noor Fitrah, A.B., Zakaria, R. and Noraini, A. (**Scopus**) Electrophoretic mobility of nano-emulsified cinnamon oil in sodium dodecyl sulphate-polyacrylamide gel electrophoresis (SDS-PAGE) system, Food Research, 3 (4) : 333 - 341 (August 2019)
 7. BOON Yih Tien, **MOHD NAZLI Naim**, RABITAH Zakaria, NOOR FITRAH Abu Bakar, NORAINI Ahmad and WULED Lenggoro (**Scopus**) Stabilisation of Emulsified Agarwood oil in an Aqueous System Using Non-Ionic Surfactant, doi:10.4028/www.scientific.net/KEM.797.186 Key Engineering Materials (2019)
 8. Boon, Y.T., **Mohd Nazli, N.**, Noor Fitrah, A.B., Zakaria, R. and Noraini, A. (**Scopus**) Electrophoretic mobility of nano-emulsified cinnamon oil in sodium dodecyl sulphate-polyacrylamide gel electrophoresis (SDS-PAGE) system, Food Research 3 (4) : 3 – 341(2018)
 9. S. Saallah, **M. N. Naim**, M. N. Mokhtar, N. F. Abu Bakar, M. Gen, I. W. Lenggoro. (**JCR-indexed**) Preparation and characterisation of cyclodextrin glucanotransferase immobilized in electrospun nanofibrous membrane. Journal of Fiber Science and Technology, Vol. 73, No.10 (2017). 251-250(2017)
 10. Boon, Y. T., **Naim, M. N.**, Zakaria, R., Abu Bakar, N. F. and Ahmad, N (**Q3/Scopus**) Electrophoretic mobility of Tween 80-encapsulated agarwood oil in aqueous. International Food Research Journal 23 (Suppl): S133-S140, 2016
 11. Nurul Karimah Zolkepli, Noor Fitrah Abu bakar, **M. Nazli Naim**, Nornizar Anuar, Nurul Fadhilah Kamalul Aripin, Mohd Rushdi Abu Bakar, I. Wuled Lenggoro & Hidehiro Kamiya (**Q3/Scopus**) Formation of fine and encapsulated mefenamic acid form I particles for dissolution improvement via electrospray method. Particulate Science And Technology, 2016. <http://dx.doi.org/10.1080/02726351.2016.1246496>
 12. Y. T. Boon, **M. N. Naim**, R. Zakaria, N. F. Abu Bakar, N. Ahmad, I. W. Lenggoro (**open access**) Grading of Emulsified Agarwood Oil Using Gel Electrophoresis Technique International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering Vol:10, No:5, 2016
 13. Suryani Saallah, **M. Nazli Naim**, I. Wuled Lenggoro, Mohd Noriznan Mokhtar, Noor Fitrah Abu Bakar, Immobilisation of cyclodextrin glucanotransferase into polyvinyl, alcohol (PVA) nanofibres via electrospinning Biotechnology Reports 10 (2016) 44–48

Masao Gen (Q2/Scopus)

14. **M. Nazli Naim**, Yeon Hui Ting, Rabitah Zakaria, Azhari Samsu Baharuddin, Khairul Faezah Md. Yunos, Noor Fitrah Abu Bakar, I.Wuled Lenggoro (Q1/Scopus) Removal of fine iron-oxide particles after post-filtration in local potable water using an electrophoretic method, *Journal of Water Process Engineering* 9 (2016) 208–214.
15. Syahira Mohd Sharif, Noor Fitrah Abu Bakar, **M. Nazli Naim** (Q1/Scopus) Deposition of fine iron oxide particles in tap water using electrophoretic deposition (EPD) technique, *Journal of Water Process Engineering*, 7 (201) 123–130.
16. **M. Nazli Naim**, Atiqah Raihan Jaafar, Noor Fitrah Abu Bakar, Azhari Samsu Baharuddin, Roseliza Kadir Basha and I. Wuled Lenggoro (Q1/Scopus) Deposition of nanostructures derived from electrostatically stabilised TiO₂ aqueous suspension onto a biocomposite *Advanced Powder Technology*, 26 (2015) 362–367
17. Suryani Saallah, **M. Nazli Naim**, Mohd Noriznan Mokhtar, Noor Fitrah Abu Bakar, Masao Gen, I. Wuled Lenggoro (Q1/Scopus) Transformation of cyclodextrin glucanotransferase (CGTase) from aqueous suspension to fine solid particles via electrospray method *Enzyme and Microbial Technology* 64–65 (2014) 52–59.
18. K. Kusdianto, **M. Nazli Naim**, Keitaro Sasaki and I. Wuled Lenggoro (Q2/Scopus) Immobilization of colloidal particles into sub-100 nm porous structures by electrophoretic methods in aqueous media *Colloids and Surfaces A: Physicochem. Eng. Aspects* 459 (2014) 142–150.
19. **M. Nazli Naim**, Noor Fitrah Abu Bakar, Motoyuki Iijima, Hidehiro Kamiya, I. Wuled Lenggoro (Q2/Scopus) Electrostatic deposition of aerosols generated from an aqueous nanopowder suspension on a chemically-treated substrate, *Japanese Journal of Applied Physics*, 49, 06GH17 (2010).
20. **M. Nazli Naim**, Keitaro Sasaki, Motoyuki Iijima, Hidehiro Kamiya, Masahiko Kuwata, I. Wuled Lenggoro (Q1/Scopus) Electrical-driven disaggregation of the two-dimensional assembly of colloidal polymer particles under pulse DC charging, *Advanced Powder Technology*, 21 (2010) 534–541
21. **M. Nazli Naim**, Motoyuki Iijima, Hidehiro Kamiya, I. Wuled Lenggoro (Q2/Scopus) Electrophoretic packing structure from aqueous nanoparticle suspension in pulse DC charging, *Colloid and Surface A*, 360, 13-19 (2010).
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No.	Semester	Course name	Credit	No. of Student	Evaluation
1.	Sem II, 2010/2011	Waste treatment and utilisation, (EPF3501)	3+0	>40	4.60
2.	Sem I, 2011/2012	Process equipment design, (EPF4801)	3+0	>40	4.38
3.	Sem II, 2011/2012	Physical unit operations, (EPF3202)	3+0	>40	4.77
4.	Sem II, 2011/2012	Waste treatment and utilisation, (EPF3501)	3+0	>40	4.66
5.	Sem I, 2012/2013	Process equipment design, (EPF4801)	3+0	>40	4.58
6.	Sem II, 2012/2013	Physical unit operations, (EPF3202)	3+0	>40	4.52
7.	Sem II, 2012/2013	Waste treatment and utilisation, (EPF3501)	3+0	>40	4.66
8.	Sem I, 2013/2014	Process equipment design, (EPF4801)	3+0	>40	4.50
9.	Sem I, 2013/2014	Waste treatment and utilisation, (EPF3501)	3+0	>40	4.72
10.	Sem II, 2013/2014	Process equipment design, (EPF4801)	3+0	>40	4.55
11.	Sem I, 2014/2015	Physical unit operations, (EPF3202)	3+0	>40	4.50
12.	Sem I, 2014/2015	Waste treatment and utilisation, (EPF3501)	3+0	>40	4.41
13.	Sem I, 2014/2015	Process equipment design, (EPF4801)	3+0	<40	4.88
14.	Sem II, 2014/2015	Biomaterial processing system, (EPF4603)	3+0	<40	4.31
15.	Sem II, 2014/2015	Process equipment design, (EPF4801)	3+0	>40	4.60
16.	Sem I, 2015/2016	Waste treatment and utilisation, (EPF3501)	3+0	>40	4.70
17.	Sem II, 2016/2017	Process equipment design, (EPF4801)	3+0	>40	4.43
18.	Sem I, 2017/2018	Waste treatment and utilisation, (EPF3501)	3+0	>40	On-going
19.	Sem I, 2017/2018	Physical unit operations (EPF3202)	3+0	<40	On-going