



UNIVERSITI SAINS MALAYSIA



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*B. App. Sc. (Honours) (Biotechnology) Universiti Sains Malaysia*

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### CITATION INDICES



H-index



Publications



Citations



TEACHING  
EXPERIENCE



### RESEARCH & PUBLICATIONS

COMPLETED  
GRANTS

3

JOURNALS  
(ISI/SCOPUS)

19

ONGOING GRANTS

2

MONOGRAPH

2

CHAPTER IN BOOKS

2

### RECOGNITION/AWARDS/ACHIEVEMENTS

- Memorandum of Understanding: USM-Nagaoka University of Technology-Takasago Thermal Engineering, Japan.
- Collaborative Research Agreement: USM-Nagaoka University of Technology-Takasago Thermal Engineering, Japan.
- Hadiah Sanjungan Penerbitan Jurnal - 2019, 2021.
- Anugerah Perkhidmatan Cemerlang - 2019.
- Keynote Speaker: Online International Mobility Short-Term Program with USM-Nagaoka University of Technology-Chulalongkorn University.
- Yokoyama International Scholarship, Japan.
- Presenter Award, International Conference on Polymer Analysis and Characterization - 2010.
- Research Encouragement Award, Research Conference of Materials Life Society, Japan - 2011.

### SERVICE TO UNIVERSITY/ or others

- Steering committee members of USM - Nagaoka University of Technology GIGAKU Techno Park.
- Members of AUD/SEED-Net Collaboration, Global Academia-Industry Consortium for Collaborative Education Program (GAICCE).
- Committee members of OBE and Accreditation, Bioprocess Technology, USM.
- Mentor Mentee, Bioprocess Technology, USM.

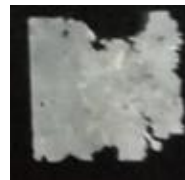
### TEACHING & SUPERVISION

#### TEACHING:

- Analytical methods of bioprocess products
- Bioanalysis 1 (IBG 112) & Bioanalysis 2 (IBG 211)

#### RESEARCH:

- Biodegradable polymer production & characterization
- Biodegradation test
- Biovalorization of agro-industrial wastes using sustainable process for bioenergy production
- High Speed Fermentation and Drying System



Biodegradable plastics



Biomass fuel



5

Main SV: Debbie Anak Dominic (On-going)

Lydia Mohamad (Graduated)

Khok Yong Sen (Graduated)

Co SV: Boey Jet Yin (On-going)

Drusilla Wendy Anak Yusof Bajai (On-going)



### ACADEMIC PROFESSIONAL SERVICE

VISITING LECTURER

1

JOURNAL REVIEWER

30+

PROFESSIONAL EXAMINER

2

KEYNOTE SPEAKER

1