




ARBANAH MUHAMMAD

Lecturer

Faculty of Chemical Engineering
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[Muhammad Arbanah](#)



[Arbanah Muhammad](#)

SPECIALIZATION

- Material Engineering
- Bioprocess Environment Engineering

PUBLICATIONS

- 4 Articles and Journals
- 3 conference proceeding (International and local)
- 2 Books Chapter
- H-index: 2

ACADEMIC QUALIFICATIONS

- MSc. in Chemical Engineering by Research, Universiti Teknologi MARA, Malaysia (2013)
- B.Eng (Hons) Chemical, Universiti Teknologi MARA, Malaysia (2010)

PROFESSIONAL MEMBERSHIPS

- BEM Member – Membership (72048 A)

WORKING EXPERIENCES

- Universiti Teknologi MARA (UiTM), Pasir Gudang (July 2014-present)
- Universiti Kuala Lumpur (UniKL) Micet, Melaka: Lecturer (Sept 2013 – July 2014)

TEACHING/RESEARCH AREA

COURSES TAUGHT

- Separation Processes, Chemical Reaction Engineering, Fluid Mechanics, Oleochemical Technology, Engineering Drawing

RESEARCH AREA

- Specialized in material engineering specifically in biopolymer and biocomposite and bioprocess environment engineering

FUNDED RESEARCH PROJECTS (GRANTS)

- ARAS Phase 2/2016-Leader
- UJRG Phase 3/2016 -1 Leader, 2 member
- UJRG Phase 4/2017 -2 member

FINAL YEAR PROJECT SUPERVISION (DIPLOMA)

- Supervised 26 students for Final Year Project (2014-2016)

SPECIFIC EXPERIENCE RELATED TO RESEARCH EXPERTISE

- Reviewer for conference ICECT 2017; ICASET2017
- Juries for URCE 2017; INOTEX 2017, IDEAS 2017 and 3mstem 2017

AWARDS AND RECOGNITION

- **2017:** 3 SILVER, 1 BRONZE IIDEX; IID JOHOR; i-TeLearn
- **2016:** 1 GOLD, 1 SILVER, 1 BRONZE 3rdTIEC ;IIDEX; E-ConDev

RESEARCH GROUP

EK-5 TIER: Polymer And Material Processing, RIG: Materials Engineering and Nanofluid Technology (M.E.N.T), Advance Material and Green Technology Research Group (AMGT)