



**PROF. MADYA DR. MOHD
AZMAN BIN HASHIM @
ISMAIL**

PENSYARAH UNIVERSITI DS14

CONTACT

Phone: 067986555

E-mail:
m_azman@usim.edu.my

Address: Fakulti Sains Dan
Teknologi

SUPERVISION

PhD - Completed: 2, Ongoing: 1

Master - Completed: 0, Ongoing: 0

AREAS OF EXPERTISE

Energy Storage

Electrochemical Materials

Membranes

BIOGRAPHY

A lecturer from Fakulti Sains Dan Teknologi. Holds a Phd in Bahan Termaju.

ACADEMIC QUALIFICATION

Phd in Bahan Termaju (2009)

Bachelor in Fizik Gunaan (2001)

Diploma in Elektrik Kuasa Dan Kawalan (1996)

Sijil in Elektrik Kuasa (1995)

RESEARCH

1. THE ABILITY OF HYBRID SOLID POLYMER ELECTROLYTE (HSPE) FROM DIAPERS FOR HIGH PERFORMANCE ELECTROCHEMICAL DOUBLE LAYER CAPACITOR(EDLC)

2015

COMPLETED

MAIN RESEARCHER

2. CARBON NANOTUBE AS ELECTRODE MATERIAL FOR HIGH PERFORMANCE ELECTROCHEMICAL DOUBLE LAYER CAPACITORS (EDLC) WITH HYBRID SOLID POLYMER ELECTROLYTE (HSPE).

2011

COMPLETED

MAIN RESEARCHER

3. THE STUDY OF CELLULOSE-BASED HYBRID SOLID POLYMER ELECTROLYTES

2010

COMPLETED

MAIN RESEARCHER

PUBLICATION

1. RAHSIA DI SEBALIK ILMU FIZIK

2019 BOOK

2. HYBRID SOLID POLYMER ELECTROLYTE FROM DIAPERS AS SEPARATOR FOR ELECTROCHEMICAL DOUBLE LAYER CAPACITOR (EDLC)

2018 JOURNAL

3. DESIGN, FABRICATION AND CHARACTERIZATION OF A COMMERCIALY PREPARED CARBOXYL MULTIWALLED CARBON NANOTUBES WITH A HYBRID POLYMER ELECTROLYTES

2014 JOURNAL

4. A FLEXIBLE SOLID STATE EDLC FROM A COMMERCIALY PREPARED MULTIWALLED CARBON NANOTUBES AND HYBRID POLYMER ELECTROLYTES

2014 JOURNAL

5. A NOBLE CONDUCTIVITY STUDIES AND CHARACTERIZATIONS OF PVA-ORTHOPHOSPHORIC-FILTER PAPER ELECTROLYTES

2014 JOURNAL

6. USING PVA, METHACRYLATE AND LAUROYL CHITOSAN AS SEPARATOR IN SUPERCAPACITORS.

2013 JOURNAL

7. SUPERCAPACITOR AS A RENEWABLE ENERGY AND ITS CONTRIBUTION TO UMMAH

2013 CHAPTER IN BOOK

8. A METHOD OF LINES APPROACH IN THE NUMERICAL SOLUTION OF 1-DIMENSIONAL SCHR?DINGER'S EQUATION

2012 JOURNAL

9. SUPERCAPACITORS BASED ON ACTIVATED CARBON AND POLYMER ELECTROLYTE

2012 JOURNAL

10. SUPERCAPACITORS BASED ON ACTIVATED CARBON AND POLYMER ELECTROLYTE

2012 PROCEEDING

11. SUPERCAPACITOR BASED ON ACTIVATED CARBON AND HYBRID SOLID POLYMER ELECTROLYTE

2011 JOURNAL

12. SUPERCAPACITOR BASED ON ACTIVATED CARBON AND HYBRID SOLID POLYMER ELECTROLYTE

2010 PROCEEDING

13. ELECTROCHEMICAL DOUBLE LAYER CAPACITOR BASED ON CELLULOSE-PVA HYBRID ELECTROLYTE

2006 JOURNAL

14. SUPERCAPACITORS BASED ON ACTIVATED CARBON WITH CELLULOSE ELECTROLYTES

2005 PROCEEDING

AWARDS/RECOGNITION

1. ANUGERAH KHIDMAT SETIA 2025

2025

UNIVERSITY

2. ACADEMIC PROGRAM ADVISOR

2025

NATIONAL

3. ACADEMIC ADVISOR

2024

NATIONAL

4. ACADEMIC ADVISOR

2024

NATIONAL

5. CURRICULUM ADVISOR (PENASIHAT KURIKULUM)

2024

NATIONAL