

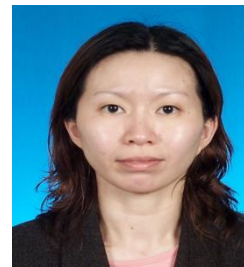
SYNTHESIS AND APPLICATION OF CONDUCTING POLYMERS

TIER 5 – RESEARCH INITIATIVE GROUP (RIG)

Name of RIG	:	SYNTHESIS AND APPLICATION OF CONDUCTING POLYMERS
Registration Code	:	CoRe82/T5/2015(16)/FMIA(12)
Tier	:	5
Leader	:	Assoc. Prof. Dr. Tan Winie
CoRe	:	Frontier Materials and Industrial Application (FMIA)
Registered Faculty	:	Faculty of Applied Sciences
Registration date (Senate Approval)	:	July 2017
UiTM Niche Area	:	Advanced Material
RIG Niche Area	:	Polymer for energy material

BACKGROUND OF MEMBERS

BIL	NAMA	KELAYAKAN AKADEMIK	FAKULTI	BIDANG KEPAKARAN
1	ASSOC. PROF. DR TAN WINIE	PhD	SAINS GUNAAN	SOLID STATE IONICS
2	ASSOC. PROF DR. CHAN CHIN HAN	PhD	SAINS GUNAAN	POLYMER
3	ASSOC. PROF. DR FAMIZA ABDUL LATIF	PhD	SAINS GUNAAN	CONDUCTING POLYMER
4	DR -ING OSKAR HASDINOR B. HASSAN	PhD	SENI LUKIS& SENI REKA	ELECTROACTIVE MATERIAL, POLYMER COMPOSITE
5	DR TAY CHIA CHAY	PhD	SAINS GUNAAN	POLYMER
6	SHARIL FADLI MOHAMAD ZAMRI	MSc	SAINS GUNAAN	CONDUCTING POLYMER
7	FADIATUL HASINAH MUHAMMAD	MSc	PUSAT ASASI	SOLID STATE IONICS



ACHIEVEMENT(2015-2017)

PENCAPAIAN	2015	2016	2017
Master Degree – Enrolled/On-Going	14	16	18
Master Degree - Graduated	2	3	2
PhD – Enrolled/On-Going	10	12	15
PhD – Graduated	1	1	2
No. of research grants	19	11	12
Total value of research grants (RM)	1912,297.00	1460,297.00	1573,600.00
Total publication (Indexed Journals)	36	35	32
Total publication (Non-indexed Journals)	0	0	0
IPR (Patent, Industrial design, Copyright)	3	3	4

OTHER ACHIEVEMENT (2014-2016)

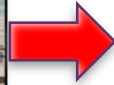
ACHIEVEMENT	2015	2016	2017
NO. OF CONSULTANCY/ INDUSTRIAL LINKAGE/ COLLABORATION (National & International)	3	4	5
NO. OF MEMBERSHIP OF PROFESSIONAL BODIES AND ASSOCIATIONS (National & International)	11	10	18
NO. OF SPECIAL INVITATION/ APPOINTMENT/ EXPERTISE (National & International) incl. Keynote Speaker, Invited speaker, Thesis examiner, Judge, Reviewer, Panel, etc.)	20	18	22
NO. OF AWARDS/ RECOGNITION AND APPRECIATION (National & International)	8	10	9

- ❑ Synthesis of new polymer
- ❑ Study on homogeneity of polymer blends
- ❑ Role of inorganic filler and ionic liquid as conductivity enhancer
- ❑ Fabrication of electrochemical system such as lithium battery, proton battery, supercapacitor and solar cell.

ACTIVITIES



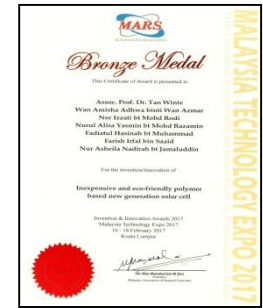
PECEPTA 2017



Bronze Medal



MTE 2017



Bronze Medal



IIDEX 2017



Gold Medal



IIDEX 2016



Gold Medal



ITEX 2017



Gold Medal



IPCEST 2016



Best Presenter
Award