

Hybrid Nanomaterials, Interfaces & Simulation (HYMFAST)

TIER 5 – EK GROUP (EK)

Name of EK	:	Hybrid Nanomaterials, Interfaces & Simulation (HYMFAST)
Tier	:	5
Leader	:	Dr Nor Aida Zubir
CoRe	:	Frontier Materials & Industrial Application (FMIA)
Registered Faculty	:	Chemical Engineering
Registration date (Senate Approval)	:	15 Aug 2017
UiTM Niche Area	:	Chemical & Advanced Materials
EK Niche Area	:	Research & simulation of hybrid nanomaterials towards sustainable environment and energy.

BACKGROUND OF MEMBERS

BIL	NAMA	KELAYAKAN AKADEMIK	FAKULTI	BIDANG KEPAKARAN
1	DR NOR AIDA ZUBIR	PhD	Kejuruteraan Kimia	Nanocomposites, Heterogenous Catalyst, Fenton
2	EN MOHAMED SYAZWAN OSMAN	MSc	Kejuruteraan Kimia	Nanomaterials, Extraction, Colloid science, Bioprocess
3	PROF MADYA ABDUL HADI ZAINAL	PhD	Kejuruteraan Kimia	Nanomaterials, Heterogenous Catalyst
4	PN. RASYIDAH ALROZI	MSc	Kejuruteraan Kimia	Adsorption, Separation processes
5	DR. AHMAD ZIA UL-SAUFIE MOHAMAD JAPERI	PhD	Jab. Sains Komputer & Matematik	Modelling, Statistical Analysis, Air Pollution
6	DR. ALHAN FARHANAH ABDUL RAHIM	PhD	Kejuruteraan Elektrikal	Nanomaterials for electrochemical, photonic s & sensing application
7	DR ATIKAH KADRI	PhD	Kejuruteraan Kimia	Heterogenous Catalyst, MOF, Energy storage



HYMFAST ACHIEVEMENT(2017)

PENCAPAIAN	2017
Master Degree – Enrolled/On-Going	9
Master Degree - Graduated	1
PhD – Enrolled/On-Going	5
PhD – Graduated	1
No. of research grants	6
Total value of research grants (RM)	375 700
Total publication (Indexed Journals)	13
Total publication (Non-indexed Journals)	3
IPR (Patent, Industrial design, Copyright)	0

OTHER ACHIEVEMENT FMMI (2015-2017)

ACHIEVEMENT	2017
NO. OF CONSULTANCY/ INDUSTRIAL LINKAGE/ COLLABORATION (National & International)	2
NO. OF MEMBERSHIP OF PROFESSIONAL BODIES AND ASSOCIATIONS (National & International)	13
NO. OF SPECIAL INVITATION/ APPOINTMENT/ EXPERTISE (National & International) incl. Keynote Speaker, Invited speaker, Thesis examiner, Judge, Reviewer, Panel, etc.)	31
NO. OF AWARDS/ RECOGNITION AND APPRECIATION (National & International)	8

Hybrid Nanomaterials, Interfaces & Simulation (HYMFAST) research group is formed to foster research and simulation on the development of hybrid nanomaterials towards sustainable environment and energy.

- Activities are emphasize on the following areas:
 1. Development of new hybrid nanomaterials and its applications towards sustainable environment and energy.
 2. In depth fundamental studies of hybrid nanomaterials properties which underlying its behavioral applications.
 3. Modeling the prediction of nanomaterials properties as well as its performance within the domain of framework.

HYMFAST Research Activities

