

# KURIKULUM VITAE STAF AKADEMIK JABATAN

## Kurikulum Vitae

### Dr. Mohamed Ibrahim Mohamed Tahir

#### Kelulusan Akademik

- DPhil in Inorganic Chemistry, University of Oxford, UK, 2002
- Bac. of Science in Chemistry, University of Southampton, UK, 1997

#### Keahlian Profesional Semasa

- Ahli, American Chemical Society (ACS)
- Ahli, British Crystallographic Association (BCA)
- Ahli, Young Scientists Network- Academy of Sciences Malaysia (YSN-ASM)

#### Tanggungjawab Pengajaran dan Pentadbiran Semasa

##### Pengajaran:

- Kimia Tak Organik III (CHM3303)
- Kimia Tak Organik II (CHM3302)
- Kimia Tak Organik I (CHM3301)
- Kimia Fizik dan Tak Organik (CHM3010)
- Kimia Spektroskopi (CHM3402)
- Kimia Industri 1 (CHM3501)
- Kimia Industri (CHM4001)
- Keselamatan Makmal (CHM5002)
- Pencirian Keadaan Pepejal (CHM5301)
- Kimia Am (CHM2000)
- Kimia Fizik dan Organik (CHM2001)

##### Pentadbiran Semasa:

- Ketua Penasihat Akademik Jabatan Kimia
- Penasihat Pengembangan Jabatan Kimia
- Penasihat Jawatankuasa Akreditasi RSC Jabatan Kimia
- Penyelaras/Pengendali Alat Single Crystal X-ray Diffractometer, Jabatan Kimia
- Penyelaras Kursus Prasiswazah dan Siswazah
- Ahli Jawatankuasa Keselamatan dan Kesihatan Pekerjaan, Fakulti Sains
- Ahli Jawatankuasa Keselamatan dan Kesihatan Pekerjaan, Jabatan Kimia
- Ahli Jawatankuasa Alatan Penyelidikan, Jabatan Kimia
- Bendahari Kelab Warga Kimia

#### Pengalaman Kerja

1997 –2002	Tutor Jabatan Kimia, Fakulti Sains, UPM
2002-2008	Pensyarah Jabatan Kimia, Fakulti Sains, UPM
2008-kini	Pensyarah Kanan Jabatan Kimia, Fakulti Sains, UPM

## Persidangan dan Latihan (3 tahun terakhir)

### Persidangan:

1. Seminar Kimia Industri ke-18, 9 June 2015, Cyberjaya, Malaysia
2. 41<sup>st</sup> International Conference on Coordination Chemistry, 21-25 July 2014, Singapore
3. Young Scientists Network-Academy of Sciences Malaysia (YSN-ASM) Colloquium, 4-5 December 2014, Port Dickson, Malaysia
4. Seminar Kimia Industri ke-17, 24 June 2014, Cyberjaya, Malaysia
5. University of Malaya Chemical Crystallography Symposium 2014, 28 may 2014, Petaling Jaya, Malaysia
6. Young Scientists Network-Academy of Sciences Malaysia (YSN-ASM) Strategic Workshop, 12-14 December 2013, Port Dickson, Malaysia
7. Seminar Kimia Industri ke-16, 25 June 2015, Cyberjaya, Malaysia
8. Young Scientists Network-Academy of Sciences Malaysia (YSN-ASM) Inaugural Colloquium, 12-15 December 201, Port Dickson, Malaysia
9. 40<sup>th</sup> International Conference on Coordination Chemistry, 9-13 September 2012, Valencia, Spain

### Latihan:

1. Bengkel Penyediaan Soalan Peperiksaan Jabatan Kimia, Fakulti Sains, 6 November 2014
2. Taklimat Audit Program Pengajian 2014/2015 untuk Panel Penilai Dalaman, Universiti Putra Malaysia, 18 Julai 2014

## Penyelidikan dan Penerbitan (3 tahun terakhir)

### Projek Penyelidikan:

1. A study of the effect of multifunctional hetero ligands derived from carbazates and dithiocarbazates in transition metal complexes on homogeneous catalysis, FRGS (5524423) RM103,000 Dis 2013–Nov 2016.
2. Structure-activity relationship of active ligands and their metal complexes chosen for their potential drug-like properties, RUGS (9199843) RM67,000 Apr 2011-April 2013

### Penerbitan:

Penerbitan	Kuantiti
Modul	0
Bab dalam Buku	0
Jurnal	16
Prosiding	1

### Penerbitan terpilih (3 tahun terakhir):

#### Jurnal

1. Low, M. L., Ravoof, T. B. S. A., **Mohamed Tahir, M. I.**, Crouse, K. A. & Tiekink, E. R. T. (2014) *Acta Crystallographica, Section E: Structure Reports Online*, E70, o1207-o1208
2. Tan, Siew-San, Al-abbasi A.A., **Mohamed Tahir, M. I.** & Kassim, M.B. (2014) *Polyhedron*, 68, 287-294.
3. Khoo, Teng-Jin, Break, M.K.B, Crouse, K. A., **Mohamed Tahir, M. I.**, Ali, A.M., Cowley, A. R., Watkin, D. J. & Tarafder, M.T.H. (2014) *Inorganica Chimica Acta*, 68-76.
4. Pesyan, N.N., Bavafa, S., Enayati, M.S., Hoseinpour, S., Ostadhosseini, N., Dadrass, A., Soleimannejad, J., Sahin, E. & **Mohamed Tahir, M. I.** (2014) *Current Chemistry Letters*, 85-96
5. Tayamon, S., Tiekink, E. R. T., Nikpour, F., Ravoof, T. B. S. A., **Mohamed Tahir, M. I.** & Crouse, K. A. & (2014) *Journal of Chemical Crystallography*, 44, 1-5.
6. Mazlan, N.A., Ravoof, T. B. S. A., Tiekink, E. R. T., **Mohamed Tahir, M. I.**, Veerakumarasivam, A. & Crouse, K. A. (2014) *Transition Metal Chemistry*, 39, 633-639

7. Omar, S.A., Ravoof, T. B. S. A., **Mohamed Tahir, M. I.** & Crouse, K. A. (2014) *Transition Metal Chemistry*, 39, 119-126.
8. Nagalingam, S.V., Wong, Pik-Ching, Break, M.K.B, **Mohamed Tahir, M. I.** & Khoo, Teng-Jin (2013) *Acta Crystallographica, Section E: Structure Reports Online*, E69, o1799-o1800.
9. Hasbullah, A., Abosadiya, H.M., Jumina, **Mohamed Tahir, M. I.** & Yamin, B.M. (2013) *International Journal on Advanced Science Engineering Information Technology*, 3(2), 36-39
10. Break, M.K.B, Mehta, S., **Mohamed Tahir, M. I.**, Crouse, K. A. & Khoo, Teng-Jin (2013) *Bioinorganic Chemistry and Applications*, 1-13
11. Al-Adiwish, W. M., **Mohamed Tahir, M. I.** & Yacoob, W. A. (2013) *Synthetic Communications: An International Journal for Rapid Commuinations of Synthetic Organic Chemistry*, 43(23), 3203-3216.
12. Al-Adiwish, W. M., **Mohamed Tahir, M. I.**, Siti-Noor-Adnalizawati, A., Hashim, S. F., Ibrahim, N. & Yacoob, W. A. (2013) *European Journal of Medicinal Chemistry*, 64, 464-476.
13. Khoo, Teng-Jin, Break, M.K.B, **Mohamed Tahir, M. I.**, Crouse, K. A., Cowley, A. R. & Watkin, D. J. (2013) *Acta Crystallographica, Section E: Structure Reports Online*, E69, m323-m324.
14. Tayamon, S., Ravoof, T. B. S. A., **Mohamed Tahir, M. I.**, Crouse, K. A. & Tiekink, E. R. T. (2013) *Acta Crystallographica, Section E: Structure Reports Online*, E69, o382
15. Low, M. L., Ravoof, T. B. S. A., **Mohamed Tahir, M. I.**, Crouse, K. A. & Tiekink, E. R. T. (2013) *Acta Crystallographica, Section E: Structure Reports Online*, E69, o167-o168.
16. Break, M.K.B, Mehta, S., **Mohamed Tahir, M. I.**, Crouse, K. A. & Khoo, Teng-Jin (2013) *Acta Crystallographica, Section E: Structure Reports Online*, E69, o178.

### Perundingan

1. Ahli Panel Penaksir Soalan Peperiksaan STPM bagi kertas Kimia
2. Ahli Panel Pentaksir Soalan Peperiksaan Semester Program Matrikulasi bagi mata pelajaran Kimia PST, Kementerian Pendidikan Malaysia
3. Ketua Pentaksir Soalan Ujian Pertengahan Semester Kimia Kejuruteraan PST Semester 1, Program Matrikulasi Kementerian Pendidikan Malaysia
4. Panel Penilai Universiti bagi Program Pengajian, Universiti Putra Malaysia
5. Penilai Pertandingan 3 Minute Thesis Jabatan Kimia
6. Penilai Seminar Siswazah Jabatan Kimia
7. Ketua Kumpulan Pemeriksa Program Matrikulasi bagi kertas Kimia, Kementerian Pendidikan Malaysia
8. Pemeriksa Peperiksaan STPM bagi kertas Kimia

### Maklumat Lain Berkaitan

#### Penyeliaan:

Program	Status	Pengerusi	Ahli
PhD	Bergraduat	2	5
	Semasa	3	5
Masters (dengan tesis)	Bergraduat	2	9
	Semasa	0	4
Masters (tanpa tesis)	Bergraduat	Tiada	Tiada
	Semasa	Tiada	Tiada