CURRICULUM VITAE



PERSONAL DETAILS

Name	**:**	**Siti Norafida binti Jusoh**
Gender	:	Female
Date of Birth	:	25-08-1983
Nationality	:	Malaysian
Permanent Address	:	35, Jalan Pulasan 4, Taman Pulai Hijauan, 81300 Skudai, Johor
Tel	:	(Office) : 07-5538658 (Fax) :07-5566157 (Mobile) : 013-7546450
E-mail	:	snorafida@utm.my, sitinorafidajusoh@gmail.com
Website	:	http://civil.utm.my/snorafida/
ID Staff	:	9969
Scopus ID	:	55092488900
ORCID	:	0000-0002-7132-0883
Expertise	**:**	**Tunnel Engineering, Numerical Modelling, Geotechnics,Soft soil, Soil-Structure Interaction**

ACADEMIC QUALIFICATIONS

2016	:	Doctor of Philosophy (Civil- Geotechnics) Universiti Teknologi Malaysia *Performance of Precast Bolted Tunnel Lining Through Physical and Numerical Modelling*
2008	:	Master of Engineering (Civil – Geotechnics) Universiti Teknologi Malaysia, CGPA: 3.64, Dissertation Title: *Seepage Flow In Homogeneous and Zoned Earthfill Dams*
2006	:	Bachelor of Civil Engineering(First Class Student) Universiti Teknologi Malaysia. CGPA: 3.73, Disseration Title: *Finite Element Analysis of Dry Board System in 3 Dimensions (LUSAS)*
2001	:	Sijil Pelajaran Malaysia (SPM) (Science Technical) Sekolah Menengah Sains Muar, Tg.Agas, Muar, Johor

AWARDS/SPONSORED

1. Nominee of Young Tunnellers Malaysia 2019 - **National**
2. Bronze Medal, NEW ACADEMIA LEARNING INNOVATION (NALI 2019), organized by Centre of UTM Academic Leadership, UTM at Convention Hall, FABU, on 18 September 2019 - **National**
3. Anugerah Penasihat Akademik, Sekolah Kejuruteraan Awam, 2018 - **School**
4. August 2017 Awarded full financial support from Japan International Cooperation Agency (JICA) through JICA Project for AUN/SEED-Net to present a paper entitled "Tunnel and microtunnel for future smart and sustainable infrastructure solution", in *Regional Conference in Civil Engineering(RCCE) and The 3rd International Conference on Civil Engineering Research (ICCER) 2017* under the theme "Contribution of Civil Engineering Towards Smart and Sustainable Infrastructure", at JW Marriott Hotel Surabaya, Indonesia on 1-2 August 2017. – **International**

5. Jan 2009 PhD Scholarship from Ministry of Higher Education, Malaysia and UTM (SLAI)
6. Sep. 2006 Masters Scholarship from Public Service Department of Malaysia
7. July 2006 Received Anugerah Hadiah Akademik in the Faculty of Civil Engineering, UTM 31th Convocation.
8. July 2001 Bachelor Degree Scholarship from Public Service Department of Malaysia

PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION

Positions :

i) 11 Sept 2006 – 13 December 2007 – **Tutor,** Department of Geotechnics and Transportation, Faculty of Civil Enginering, Universiti Teknologi Malaysia

ii) 14 December 2007 – 8 July 2018 – **Lecturer,** Department of Geotechnics and Transportation, Faculty of Civil Enginering, Universiti Teknologi Malaysia

iii) 9 July 2018 – current – **Senior Lecturer**, Department of Geotechnics and Transportation, School of Civil Engineering, Faculty of Enginering, Universiti Teknologi Malaysia

iv) 15 July 2006-13 January 2009 - **Fellow Assistant,** College's Student Resident, Kolej Tun Hussein Onn, Universiti Teknologi Malaysia

v) 14 January 2009 – August 2010 **– Fellow,** College's Student Resident, Kolej Tun Hussein Onn, Universiti Teknologi Malaysia

Proffessional membership:

i) **Co-opt member** of Tunnel and Underground Space Technical Division (TUSTD), Institution of Engineers Malaysia (IEM) (2017 – 2018 and 2018-2019)
ii) **Member**, Society of Engineering Education (SEEM), 2018
iii) **Lifetime Member,** Persatuan Saintis Muslim Malaysia (PERINTIS), 2016 - now
iv) **Member of** Society for Engineering Geology and Rock Mechanics (SEGRM), February 2016 – now
v) **Member** of Soft Soil Reseach Group, Construction Research Alliance, Universiti Teknologi Malaysia
vi) **Member** of Board of Engineers Malaysia, BEM
vii) **Member** of Institute of Engineers Malaysia, IEM

ADMINISTRATIVE EXPERIENCE

National/International Level

i) Comittee member, *National Seminar on Civil Engineering Research* (SEPKA 2007)
ii) Committee member, *10th International Conference of Geotechnical and Transportation Engineering(GEOTROPIKA 2016)*
iii) Secretary, *11th International Conference on Geotechnical Engineering in Tropical Regions (11th GEOTROPIKA) and 1st International Conference on Highway and Transportation Engineering (1st ICHITRA) (GEOTROPIKA-ICHITRA) 2019*
iv) Committee Member(Publication), *Civil Engineering Alumni Dinner (CEAD-UTM) 2019*

University Level

i) **Group Leader(GL)** for Future Ready Educators (FREE) for 21st Century Teaching and Learning - Cooperative Learning, School of Civil Engineering.

Faculty Level

i) Comittee member, Jawatankuasa Pembangunan Pelajar Cemerlang (PPC)(2006-2008)
ii) Comittee member, Jawatankuasa Pembangunan Pelajar (2009-2010)
iii) Comittee member, E-Portfolio and E-learning Taskforce (2009-2010)
iv) Comittee member, Jawatankuasa Kemahiran Insaniah (2009-2010)

v) Comittee member, Jawatankuasa Seminar Kejuruteraan Awam (SEMKA) (2009-2010)

vi) Head of *Postgraduate Taskforce*, Faculty of Civil Engineering (15 March 2015 - 31 December 2015)

vii) Comittee Member of *Energy Management*, Faculty of Civil Engineering (June 2016 – June 2018)

viii) Comittee Member of *Study Circle (previously known as Mentor Mentee Programme), Program Pembangunan Mahasiswa Holistik*, Faculty of Civil Engineering, UTM (September 2014 - current)

ix) Comittee Member of *Jawatankuasa Kualiti Akademik (JKA)*, School of Civil Engineering (September 2018 – current)

x) Course Coordinator:

From 2016 – current	MKAJ 1083 Enviromental Geotechnics
2017 - current	MKAJ 1113 Tunnel Engineering
2017 - current	MKAJ 1023/SKAA4713 Geotechnical Analysis and Design
2018 - current	SKAU 3712 Basic Principles of Soil Mechanics
	SKAA/SKAB 2012 Civil Engineering Laboratory 1
	SKAU 3052 Civil Engineering Laboratory 1 (for SPPQ students)

OTHERS EXPERIENCE

Deputy of Quality Manager (DQM), SAMM 804 Civil Engineering Testing Unit (CETU)

(19 Julai 2018 – current)

Board of Editor

i) Jurnal Teknologi Vol 78, No 8-6: Geoengineering

ii) Jurnal Teknologi Vol 78, No 8-5: Geotechnical Engineering

Memorandum of Understanding (MoU)/ Agreement (MoA)

i) 2016 – Member of Memorandum Of Understanding Between Indonesian Society For Geoechnical Eng. (HATTI) and Faculty Of Civil Engineering, UTM (2016-2019)

ii) 2017 – As Research Member, Memorandum Of Agreement (MoA), between Japan Shield Home (JHS) and Universiti Teknologi Malaysia (Soft Soil Research Group, Faculty Civil Engineeering, UTM) on Research And Development Of Screw Driving Sounding Test (new technology on site investigation)

Short Course/Workshop/Conferences Organized

1. Comittee member, *National Seminar on Civil Engineering Research (SEPKA 2006)*
2. Committee member, *10th International Conference of Geotechnical and Transportation Engineering(GEOTROPIKA 2016)*

3. Leader, *Seminar on Tunnel Engineering* on 26 March 2017 with collaboration from Tunnel and Underground Space Technical Division(TUSTD), IEM (speakers: Ir.Syed Rajah, Chairman of TUSTD and Mr.Ilan) at PBL 2, M46, Faculty of Civil Engineering, Univerisiti Teknologi Malaysia with 50 participants including lecturers from nearby University (UiTM, UTHM, UniKL), postgraduates and undergraduate students.

Invited/Guest Speaker

i) Siti Norafida Jusoh, Speaker for *"Persediaan Viva*" at Bengkel Pembentangan Cemerlang 08 (Viva Project-PSM) at Seri Merbauan Hall, Kolej Tun Hussein Onn on 20 Mac 2008

ii) Siti Norafida Jusoh, Speaker for Mentor Mentee Workshop, Program Pembangunan Mahasiswa Holistik (PPMH) for 2nd year student of Faculty Civil Engineering, UTM, "*Panduan Menjadi Mentor"* on April 2014

iii) Siti Norafida Jusoh, Speaker for Study Circle Muslim Program Pembangunan Mahasiswa Holistik (PPMH) for 1th year student of Faculty Civil Engineering, UTM, "*Pengurusan Akademik Cemerlang*" at D10, Faculty of Civil Engineering on 7 September 2015.

iv) Siti Norafida Jusoh, Speaker for Study Circle Muslim Program Pembangunan Mahasiswa Holistik (PPMH) for 1th year student of Faculty Civil Engineering, UTM, "*Menjadi (Jurutera Muslim) Hebat* " at D10, Faculty of Civil Engineering on 7 September 2015.

v) Siti Norafida Jusoh, Speaker for Study Circle Muslim Program Pembangunan Mahasiswa Holistik (PPMH) for 3rd year student of Faculty Civil Engineering, UTM, "*Komunikasi Berkesan*" at D10, Faculty of Civil Engineering on 30 November 2015.

vi) Siti Norafida Jusoh, Speaker for Study Circle Muslim Program Pembangunan Mahasiswa Holistik (PPMH) for 3rd year student (2.0 series) of Faculty Civil Engineering, UTM, "*Menjadi (Jurutera Muslim) Hebat*" at D10, Faculty of Civil Engineering on 30 November 2015.

vii) Siti Norafida Jusoh, Speaker for Study Circle Muslim Program Pembangunan Mahasiswa Holistik (PPMH) for 1th year student of Faculty Civil Engineering, UTM, "*Mahasiswa Cakna: Mahasiswa Ohsem*" at D10, Faculty of Civil Engineering on 22 September 2016.

viii) Siti Norafida Jusoh, Speaker for *"Wanita dan Penyucian*," at Sahabat Aisyah Sister Night's, IKRAM Johor Bahru Tengah on 19 December 2016

ix) Siti Norafida Jusoh, Facilitator for "*Easy Go Writing"* (Bengkel Menulis Thesis Pantas/One File One Thesis (OFOT)) held by IKRAM Johor Bahru Tengah for Postgraduate Students on 26 November 2016

x) Siti Norafida Jusoh, Speaker for *"Apa itu tarbiyah?,"* Sahabat Aisyah monthly session(IKRAM Johor Bahru Tengah) for Postgraduate Female Students held at Kolej Datin Seri Endon (in 2015 and 2016)

xi) Siti Norafida Jusoh, Facilitator for *Program Lawatan Sekolah Kebangsaan Felda Bukit Puchong, Pahang ke Fakulti Kej. Awam, UTM* (13 November 2016)

xii) Siti Norafida Jusoh, Speaker and Facilitator for "*Kem Pengurusan"* (Kursus Pengurusan Organisasi untuk IKRAM Siswa) held by Jawatankuasa Pembangunan Mahasiswa Johor Bahru Tengahm IKRAM Johor Bahru Tengah on 9-12 February 2017

xiii) Siti Norafida Jusoh, Speaker for 2-day Practical Short Course in tunnels and Underground Space (PSCTUS2019), organized by **Institute of Engineers**, Malaysia, 16-17 July 2019, Sheraton Hotel Petaling Jaya.

Facilitator

1. Kem Asuhan Insan Harapan, Kolej Tun Hussein Onn, UTM (27-29 Julai 2007)
2. First Year Experince (FYE), 26-27 Julai 2008 at Tiram Indah Village, Ulu Tiram, Johor
3. Visiting Programme of Students from Sekolah Menengah Pahang to Faculty of Civil Engineering, Univerisiti Teknologi Malaysia (14 November 2016)
4. Easy Go Writing (Bengkel Menulis Thesis Pantas/*One File One Thesis* (OFOT)) by Postgraduate Society, L50, Univerisiti Teknologi Malaysia (26 November 2016)

Outside/Society Welfare Activities and Contributions

1. Members of Jawatankuasa Pembangunan Mahasiswa (JKPM), IKRAM Johor Bahru Tengah, lead welfare activites that develop and reshapen muslim students to their roots
2. Secretary of Jawatankuasa Pembangunan Mahasiswa (JKPM), IKRAM Negeri Johor, organization that develop and reshapen muslim students to their roots by variety of activities including seminar and workshop

RESEARCH ACTIVITIES

RESEARCH PROJECT UNDERTAKEN

01/04/2014-31/03/2016 :

i) **Project Member**, Soil Structure Interaction Of Jointed Precast Tunnel Lining, RUG of UTM (RM50000) Vot 06H71

ii) **Project Member**, Physical and Numerical Modelling of Ground Deformation Due to Tunneling, RUG of UTM (RM35000). Vot 06H60

1/5/2015-31/7/2016 :

i) **Project Member**, Stress Path And Micro-Structure Behaviour Of Stabilized Marine Clay, RUG of UTM (RM20000). Vot 10J71

1/7/2016-30/6/2018 :

i) **Project Member**, Strength And Cyclic Behaviour Of Recycled Blended Tiles Treated Soft Clay, RUG of UTM (RM34,300). Vot 13H85

ii) **Project Member**, Development of Kenaf Geotextile for Ground Improvement, RUG of UTM (RM50,000). Vot 14H33

1/10/2016-30/9/2018 :

i) **Project Member**, Fundamental Study on Bearing Capacity of Geothermal Energy Piles in Tropical Soils, RUG of UTM (RM40000). Vot 16H04

ii) **Project Member**, Utilization Of Ponded Ash In Cement Treated Soft Soil For Road Construction, RUG of UTM (RM40,000). Vot15H34

01/06/2017-31/05/2018 :

i) **Project Leader**, Geotechnical Aspects of Staggered Tunnel Lining With Segmental Joint Parameters to Improve the Prediction on Soil Surface Settlement, PAS (RM20000). Vot 02K91

01/07/2017-31/08/2018

i) **Project Leader,** Assessment On Reduced Thickness Of Tunnel Lining To Ensure Tunnel Stability In Soft Ground, RUG of UTM (Tier 2) (RM20000). Vot 14J16

FUNDAMENTAL RESEARCH GRANT SCHEME (FRGS FUND)

01/08/2016- 31/07/2018 :

i) **Project Member**, Characterisation Of Marine Clay Using Fines Obtained From Demolished Concrete Material With Micro-Structural Verification, Vot

R.J130000.7822.4F885, Budget approved RM 64,400.

CONTRACT RESEARCH PROJECT AWARDED BY JAPAN SHIELD HOME (JHS)

01/01/2017-31/12/201 :

i) **Project Member,** Research And Development Of Screw Driving Sounding Test, Vot R.K130000.7643.4C134, Budget approved RM 106508.80.

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1. Muhammad Azril Hezmi, **Siti Norafida Jusoh**, Edy Tonnizam Mohamad, Sitti Asmah binti Hassan, Ahmad Safuan bin A. Rashid, Ramli Nazir, Aminaton bte Marto, Norhidayah binti Abdul Hassan, Haryati Yaacob, Fauziah Kassim, Mohd Nur Asmawisham bin Alel, Md. Maniruzzaman bin A. Aziz, Nor Zurairahetty Mohd. Yunus, Rini Asnida Abdullah, Mohd. Khairul Idham Mohd.Satar, Muhammad Naqiuddin Mohd Warid, Azman bin Mohamed, Ramadhansyah Putra Jaya, Nazri Ali, Nordiana Mashros (17 February 2016). Abstract book 10TH INTERNATIONAL GEOTECHNICAL AND TRANSPORTATION RESEARCH CONFERENCE, Reference No. : IP/CR/2016/0245
2. **Siti Norafida Jusoh**, Hisham Mohamad, Aminaton Marto, Muhammad Azril Hezmi, Sitti Asmah binti Hassan, Ahmad Safuan bin A. Rashid, Norhidayah binti Abdul Hassan, Haryati Yaacob, Fauziah Kassim, Mohd Nur Asmawisham bin Alel, Nor Zurairahetty Mohd. Yunus, Rini Asnida Abdullah, Mohd. Khairul Idham Mohd.Satar, Muhammad Naqiuddin Mohd Warid, Nordiana Mashros (2017). Verification and validation flow chart of Precast Bolted Concrete Segmental Tunnel lining Reference No.: IP/CR/2017/0294 (submitted on 12 April 2017 - under review process)
3. **Siti Norafida Jusoh**, Hisham Mohamad, Aminaton Marto (2017). Non-jointed pin-roller of precast segmental tunnel lining , Reference No. : IP/CR/2017/0269. (submitted on 12 April 2017 - under review process)
4. Norhidayah binti Abdul Hassan, **Siti Norafida Jusoh**, Muhammad Azril Hezmi, Sitti Asmah binti Hassan, Ahmad Safuan bin A. Rashid, Haryati Yaacob, Fauziah Kassim, Mohd Nur Asmawisham bin Alel, Nor Zurairahetty Mohd. Yunus, Rini Asnida Abdullah, Mohd. Khairul Idham Mohd.Satar, Muhammad Naqiuddin Mohd Warid, Nordiana Mashros (2017). Slide pengajaran dan pembelajaran asphalt modification. Reference No. : IP/CR/2017/0270 (submitted April 2018 – under review process)

TEACHING ACTIVITIES

TEACHING EXPERIENCE

Semester	Sem	Subject Code	Subject	Credit Hour	Total Students
2007/2008	2	SAB1713	Soil Mechanics	3	66
		SAB1042	Engineering Laboratory - Geotechnics	2	77 (15 was international students)
2008/2009	1	SAB1713	Soil Mechanics	3	45
		SAB1042	Civil Engineering Laboratory 1 - Geotechnics	2	Section 01(42 students), Section 02 (45 students) & Section 3 (43 students)
2008/2009	2	SAB1713	Soil Mechanics	3	45
		SAB1042	Engineering Laboratory - Geotechnics	2	Section 01(45 students)
2013/2014	2	MAJ1083	Enviromental Geotechnics	1.5/3	4
		SKAA2012	Civil Engineering Laboratory - Geotechnics	2	30
2014/2015	1	MKAJ1083	Enviromental Geotechnics	1.5/3	8 Perdana students & 29 Pesisir students
		SKAA2012	Engineering Laboratory - Geotechnics	2	32
		SKAA4002	Pre-Project	2	2
2014/2015	2	SKAA2012	Civil Engineering Laboratory - Geotechnics	2	Sec 01(42 students), Sec 02 (45 students) & Sec 03 (43 students)
		SKAA4004	Final Year Project	4	2
2015/2016	1	SKAA2012	Civil Engineering Laboratory - Geotechnics	2	Sec 01(42 students), Sec 02 (45 students) & Sec 03 (43 students)
2015/2016	2	SKAA2012	Civil Engineering Laboratory - Geotechnics	2	Sec 01(42 students), Sec 02 (45 students) & Sec 03 (43 students)
2016/2017	1	MKAJ1083	Enviromental Geotechnics	1.5/3	10 Perdana students & 16 Pesisir students
		SKAA2012	Civil Engineering Laboratory - Geotechnics	2	34
		SKAA2722	Geotechnics 1	2	54

		SKAA4713, MKAJ1023	Advanced Geotechnical Analysis Design (Geotechnical instrumentation and Tunnel in Soil)	1.5/3	20 undergraduate students, 1 Perdana students
		SKAA4002	Pre-Project	2	2
2016/2017	2	SKAA2722	Geotechnics 1	2	53
		SKAA4713, MKAJ1023	Advanced Geotechnical Analysis Design (Geotechnical instrumentation and Tunnel in Soil)	1.5/3	7 Perdana Student, 2 undergraduate students
		SKAA4004	Final Year Project	2	2
		MKAJ1113	Tunnel Engineering	3	7 Perdana students
		MKAJ	Master Project 1	3	1
2017/2018	1	SKAU 3712	Basic Properties of Soil Mechanics	1/2	30 students
		SKAA2722	Geotechnics 1	2	25 students
		MKAJ1023	Advanced Geotechnical Analysis Design	1.5/3	9 Perdana Student
		SKAA4022	Pre Project	2	3
		MKAJ	Master Project 2	6	1
	2	SKAA2722	Geotechnics 1	2	28 perdana students, 55 SPACE
		MKAJ1083	Environmental Geotechnics	1.5/3*	7 Pesisir students
		SKAA3012	Civil Engineering Laboratory Testing 2	2	55 students
		SKAA4024	Final Year Project	4	3 students
		SKAA4022	Pre-project	2	1
		MKAJ	Master Project 1	3	1
2018/2019	1	SKAA2012	Civil Engineering Laboratory Testing 1	2	1
		SKAB2012	Civil Engineering Laboratory Testing 1	2	55
		SKAA3012	Civil Engineering Laboratory Testing 2	2	42
		SKAB2722	Geotechnics 1	2	52 students
		MKAJ1023	Advanced Geotechnical Analysis Design	1.5/3*	21 Pesisir students
		SKAA4024	Final Year Project	4	1

		SKAA4022	Pre-project	2	2
		MKAJ	Master Project 2	6	1
	2	SKAA2012	Civil Engineering Laboratory Testing 1	2	52
		SKAA4713/ MKAJ1023	Advanced Geotechnical Analysis Design	1.5/3	21
		SKAB1713	Soil Mechanics	2/3	54 & 2 SPACE
		SKAB2722	Geotechnics 1	2*	34 SPACE
		SKAA4024	Final Year Project	4	2
		SKAA4022	Pre-project	2	1
Total creadit hours				80.5(5*)	

ACADEMIC ADVISOR (UNDERGRADUATE STUDENTS)

1. 2007/2008/2 until 2008/2009/2 10 students
2. 2014/2015/2 until 2017/2018/2 10 students
3. 2018/2019/1 until currect 10 students

SUPERVISION

MSc. Student

Year	No.	Name	Status	Title	Type	Roles of Supervision
2017	1	Osama Mohamed el Sayed	Ongoing	Behavior of micro pile induced by tunnel in sandy clay (Numerical modelling)	Reseach	Co-Supervisor
	2	Siti Ai'dah binti Mohammas Asma'on	Complete	Tunnel-Pile Interaction in Sand (Laboratory based)	Taught Course	Co-Supervisor
	3	Lee Ann Chze	Complete	Asessment of Ground Improvement Work on Soft Ground Using Prefabricated Vertical Drain Method	Taught Course	Main Supervisor
	4	Shanmugapr	Complete	Numerical	Taught	Main

		iya A/P Dewedree		Analysis to Improvise The Stability of Slopes by Using Soil Nailing	Course	Supervisor
	5	Yoon Chan Yip	Complete	Variation on Flexural Moment Tunnel Lining Due to Alpha, Beta and Lambda Method in Segmental Tunnel Lining	Taught Course	Main Supervisor
2018	1	Noor Iman Safiya Binti Mohd Muhtar	Complete	Assessment On Thickness Variation Of Tunnel Lining To Ensure Stability In Soft Ground	Taught Course	Main supervisor
	2	Rafiullah	Complete	Rock Tunnelling	Taught Course	Co supervisor
2019	1	Heirlina Mawarni binti Jamri	Complete	Estimation Of Debris Flow Sedimentation Volume Through Numerical Modelling	Taught Course	Main Supervisor

Undergraduate Students (Final Year Project)

2015

1. Raja Nurul Afiqah binti Raja Zulkefli – Numerical Simulation of Segmental Tunnel Lining
2. Nurezzatul Syafiqah binti Abdul Aziz – Numerical Simulation of Segmental Tunnel Lining

2017

1. Mohamad Firdaus – Unconfined Compressive Strength Of Compacted Magnesium Chloride of Treated Marine Clay

2. Zafri Nasrullah Bin Mohamed Ali – Unconfined Compressive Strength Of Compacted Magnesium Chloride of Treated Marine Clay

2018

1. Amirul Azmay – Effect Of Tunnelling On Existing Pile In Sand
2. Mohd. Jailani Bin Osman – Tunnelling Effect On The Existing Pile At Different Positions In Sand
3. Auzaie Alif Abdul Latip- Effect of Tunnel Construction on Existing Pile in Sand

2019

1. Darren Damian - Tunnelling Influential Stress on Existing Pile Foundation
2. Muhammad Naim Mohamad Radzi - Tunnelling Effect On The Existing Pile At Different Positions In Sand (***winner of Best Theme under Geotechnics and Transportation Category, Undergraduate Research Conference, Universiti Teknologi Malaysia, May 2019)***
3. Mohamad Romadhan Bakri - The Behaviour Of The Existing Pile During The Construction Of Underground Tunnel In Sand

EXAMINER/REVIEWER

Reviewer ISI Index Journal

i) **Construction and Building Materials,** "A theoretical model on the influence of ring joint stiffness on dynamic responses from underground tunnels" (May 2019)

ii) **Earthquake Engineering and Engineering Vibration**, "Hyperstatic reaction method for calculating the tunnel has the horseshoe shape cross-section under the impact of earthquakes" (March 2019)

iii) Tunnelling and Underground Space Technology

a) *Numerical analysis of nonlinear mechanical behavior of segment joints: joint rotational stiffness and opening size (May 2019)*

iv) KSCE Journal of Civil Engineering

a) An approach integrating dimensional analysis and field data for predicting the load on tunneling machine (January 2019)

Reviewer Index Journal

v) Jurnal Teknologi Vol 78, No 8-6: Geoengineering

b) Effect Of Nose Blade Angle On Face Stability Of Jacked Box Tunnelling

c) Webgis Based Database Information And Management System (Dims) For Malaysia, Singapore And India

d) In-Situ Stress Measurement By Overcoring And Hydraulic Fracturing Of Pahang-Selangor Raw Water Transfer Project

ii) Jurnal Teknologi Vol 78, No 8-5: Geotechnical Engineering

a) Properties Of Coal Bottom Ash From Power Plants In Malaysia And Its Suitability as Geotechnical Engineering Material

b) Foundation Modelling For Cooling Water Pump Machine In Pt Pupuk

iii) Numerical Modeling of Umbrella Arch Technique to Reduce tunnelling Induced Ground Movements, *Environmental Earth Sciences*

Reviewer Scopus Proceedings

i) A review on the mechanism of rainwater in triggering landslide, *10th Asia Pacific Structural Engineering and Construction Conference 2018 (APSEC 2018)*

ii) Influence Of Bamboo Pile Clusters In The Pile Mattress Bamboo Construction Systems Asreinforcement Of Soft Subgrade That Support Embankment Load, *11th International Conference on Geotechnical Engineering in Tropical Regions (11th GEOTROPIKA) and 1st International Conference on Highway and Transportation Engineering (1st ICHITRA)*

iii) Estimation of Soil Water Characteristic Curves (SWCC) of Mining Sand using Soil Suction Modelling, *11th International Conference on Geotechnical Engineering in Tropical Regions (11th GEOTROPIKA) and 1st International Conference on Highway and Transportation Engineering (1st ICHITRA)*

iv) Influence Of Bamboo Pile Clusters In The Pile Mattress Bamboo Construction Systems As Reinforcement Of Soft Subgrade That Support Embankment Load, *11th International Conference on Geotechnical Engineering in Tropical Regions (11th GEOTROPIKA) and 1st International Conference on Highway and Transportation Engineering (1st ICHITRA)*

v) Arch Structure Concept in Lightweight Fill Design, *11th International Conference on Geotechnical Engineering in Tropical Regions (11th GEOTROPIKA) and 1st International Conference on Highway and Transportation Engineering (1st ICHITRA)*

vi) Review on Biological Process of Soil Improvement in the Mitigation of Liquefaction, *The 12th International Civil Engineering Post Graduate Conference (SEPKA) - The 3rd International Symposium on Expertise of Engineering Design (3rd ISEED)*

Reviewer Non-Index Journal

i) Analyzing Single Barrettes as Rigid Support By CCT (MJCE 1216-2), *Malaysian Journal Of Civil Engineering*, MJCE

Technical/Scientific Reviewer

i) Technical Reviewer for *10th Asia Pacific Structural Engineering and Construction Conference 2018 (APSEC 2018)*

ii) Technical Reviewer for *The 12th International Civil Engineering Post Graduate Conference (SEPKA) - The 3rd International Symposium on Expertise of Engineering Design (3rd ISEED) 2018*

iii) 2nd International Symposium on Civil and Environmental Engineering (ISCEE 2018), UTHM

PUBLICATIONS

THESIS/DISSERTATION

i) **Siti Norafida Jusoh**, Finite Element Analysis of Dry Board System in 3 Dimensions (LUSAS), Undergraduate Disertation, Faculty of Civil Engineering, UTM (May 2006)

ii) **Siti Norafida Jusoh**, Seepage Flow In Homogeneous and Zoned Earthfill Dams – Master Disertation, Faculty of Civil Engineering, University of Technology Malaysia, (March 2008)

iii) **Siti Norafida Jusoh**, Performance of Precast Bolted Tunnel Lining Through Physical and Numerical Modelling, Ph.D. Thesis, Universiti Teknologi Malaysia, Johor Bahru, Malaysia (2017).

JOURNAL

Index Journal

1. Aminaton Marto, Choy Soon Tan, Ahmad Mahir Makhtar and **Siti Norafida Jusoh** (2016). Cyclic Behaviour Of Johor Sand, *International Journal of GEOMATE, Geotec., Const. Mat. & Env.* Vol. 10, Issue 21, pp. 1891-1898, ISSN: 2186-2982(Print), 2186-2990(Online), Japan (IF:0.28)
2. Nor Zurairahetty Mohd Yunus, Aminaton Marto, Faizal Pakir, Khairulanam Kasran, Mohd Akmal Azri Jamal, **Siti Norafida Jusoh** and Norliana Abdullah (2015). Performance Of Lime-Treated Marine Clay On Strength And Compressibility Chracteristics. *Int. J. of GEOMATE, Geotech., Const. Mat. and Env,* Vol. 8, No. 2 (Sl. No. 16), pp. 1232-1238., ISSN:2186-2982(P), 2186-2990(O), Japan (IF:0.28)

SCOPUS Journal

1. E Namazi, H Mohamad, AKB Hong, M Hajihassani, **SN Jusoh**, SV Alavi (2012). Ground Behaviour Around a Tunnel Using Various Soil Models. *Electronic Journal of Geotechnical Engineering* 17, 609-622
2. Aminaton Marto, Choy Soon Tan, Nur Naemah Esa, Faizal Pakir, **Siti Norafida Jusoh** (2014). Liquefaction Potential of Nusajaya City. *Electronic Journal of Geotechnical Engineering.* Vol 19 pp 17321-17239
3. TC Yoon, ZM Yunus, A Marto, MA Hezmi, **SN Jusoh** and K Ahmad (2015) Comparison Of Soil Index Properties Value For Different Pre-Drying Conditions On Clayey Soil, *Jurnal Teknologi* 72 (6) pp 23-30
4. **SN Jusoh**, H Mohamad, A Marto, NZM Yunus, F Kasim (2015). Segment's Joint In Precast Tunnel Lining Design, *Jurnal Teknologi* 77 (11), pp 91-98
5. Sarder M. Yahya, Rini A. Abdullah, Mohd Ashraf Mohamad Ismail, Hisham Mohamad, Muhammad Azril Hezmi, **Siti Norafida Jusoh** (2016). 3D Numerical Modelling Of

Shallow Tunnel In Weathered Granite Incorporating Multi-Stage Excavation And Pre-Support. *Jurnal Teknologi.* 78 (8-6) pp 39-44

6. Eda Suhaili Sharudin, Nor Zurairahetty Mohd Yunus, Aminaton Marto, **Siti Norafida Jusoh**, Kamarudin Ahmad, Fauziah Kasim, Rini Asnida Abdullah, Muhammad Azril Hezmi (2016). Rock Bearing Resistance Of Bored Piles Socketed Into Rock. *Jurnal Teknologi,* 78 (8-6) pp 45-51

7. **Siti Norafida Jusoh**, Hisham Mohamad, Aminaton Marto, Nor Eliza Alias, Muhammad Azril Hezmi, Rini Asnida Abdullah, Nor Zurairahetty Mohd. Yunus (2016). Investigation On The Mechanics Of Precast Segment Tunnel Lining. *Jurnal Teknologi.* 78 (8-6) pp 61-66

8. **Siti Norafida Jusoh**, Aminaton Marto, Hisham Mohamad, Norzurairahetty Md.Yunus, Fauziah Kassim and Mohd.Azril Hezmi (2017). Investigation on Interaction Study in The Precast Segment Tunnel Lining Via Numerical Modelling. *Jurnal Teknologi*(under review)

9. Rini Asnida Abdullah, Dedy Yusufianshah, Mohd Asmawisham Alel, **Siti Norafida Jusoh**, Mohd Azril Hezmi, Nor Zurairahetty Mohd Yunus and Ahmad Nazri Ali (2018). Slope Stability Analysis Of Quarry Face At Karang Sambung District, Central Java, Indonesia, *International Journal of Civil Engineering and Technology (IJCIET.)* Volume 9, Issue 1, January 2018, pp. 857–864

NON INDEXED Journal

1. **Siti Norafida Jusoh**, Hisham Mohamad, Aminaton Marto & Nor Zurairahetty Mohd Yunus, (2015). Point Load Testing of Flexural Behavior of Segmented Tunnel Lining, *Malaysian Journal Of Civil Engineering*, MJCE Volume 27 Special Issue No. 1 , 71-82

2. **S. N. Jusoh**, H. Mohamad, A. Marto, N. Z. Mohd Yunus, F. Kasim, E. Namazi, and H. Sohaei (2015). Precast Concrete Tunnel Segments: A Review on Current Research. *Journal of Advanced Review on Scientific Research*, Vol. 6, No.1. Pages 16-27. ISSN (online): 2289-7887

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SCOPUS PROCEEDINGS

1. **Siti Norafida Jusoh**, Hisham Mohamad, Aminaton Marto, Rini Asnida Abdullah & Nor Zurairahetty Mohd Yunus, (2017) 3D Numerical Model of Soil-Tunnel Interaction Induced by Segment Joint Parameter, *International PostGraduate Conference on Applied Science & Physics 2017. IOP Conf. Series: Journal of Physics: Conf. Series 1049 (2018) 012044. doi :10.1088/1742-6596/1049/1/012044*

2. **Siti Norafida Jusoh**, Hisham Mohamad, Aminaton Marto and Fauziah Kassim (2018). Assessment on Segment Joint to Improve Soil-Tunnel Interaction. The *12th International Civil Engineering Post Graduate Conference (SEPKA) - The 3rd International Symposium on Expertise of Engineering Design (3rd ISEED). 27-28 August 2018.* MATEC Web Conf. Volume 250, 01005 2018 *https://doi.org/10.1051/matecconf/201825001005* – Scopus Proceedings (International)

3. **Siti Norafida Jusoh**, Dedy Yusufiansyah, Hisham Mohamad, Rini Asnida Abdullah, and Norzurairahetty Mohd. Yunus. (2018). Geotechnical Aspects of Tunnel lining with Segmental Joint Parameters to Improve Soil Surface Settlement Prediction. *The 12th International Civil Engineering Post Graduate Conference (SEPKA) - The 3rd International Symposium on Expertise of Engineering Design (3rd ISEED).* IOP Conference Series: Earth and Environmental Science, Volume 220, 012002. doi:10.1088/1755-1315/220/1/012002 – Scopus Proceedings (International)
4. Noor Iman Safiya Mohd Muhtar, **Siti Norafida Jusoh**, Dedy Yusufiansyah, Asmawisham Alel, Nor Zurairahetty Mohd Yunus, Rini Asnida Abdullah, and Nordiana Mashros (2019), Assessment on tunnel lining to ensure stability in soft ground. IOP Conf. Ser.: Mater. Sci. Eng. 527 012009. doi:10.1088/1757-899X/527/1/012009 - Scopus Proceedings (International)
5.

PROCEEDINGS/CONFERENCE

1. **Jusoh, S.N.,** Parametric Study on Seepage Flow in Unsaturated and Saturated Zones in Earth fill Dam. *National Seminar on Civil Engineering Research (SEPKA 2007),* Good Hope Hotel, Johor. (11-12 December 2007) – **National**
2. Hazilan, M.N., Azri, H., **Jusoh, S.N.,** Perkembangan Budaya Ilmu. *National Student Development Conference* organized by Fellowship of College Tun Hussein Onn, Institution of UTM Fellows at Dewan Sultan Iskandar, UTM. (21- 23 Oktober 2008) –**National**
3. Kasim, F. and **Jusoh, S.N.,** Effects of Permeability Disparity on Seepage Pattern of Earthfill Dam. *International Conference on Geotechnical and Highway Engineering(GEOTROPIKA 2008*), Best Western Premier Seri Pacific Kuala Lumpur,Malaysia. (26-27 Mei 2008) – **International**
4. **Jusoh, S.N.** and Mohamad, H. (2010). A Short Review of Analytical Methods for Tunnelling in Elastic Ground*, International Conference on Geotechnical and Transportation Engineering*, Kota Kinabalu, Sabah, 1-3 December, Universiti Teknologi Malaysia , In CD-ROM. ISBN: 9789839805956 – **International**
5. **Jusoh, S.N**., and Mohamad, H. (2011). A Short Review of Numerical Methods for Tunneling in Soft Ground. *National Seminar on Civil Engineering Research* SEPKA 2011 – **National**
6. **Jusoh, S.N.,** Mohamad, H. and Marto, A. (2013). Fundamental Behavior of Jointed Segmental Tunnel Lining: A Review of Current State of Research. *Joint Conference of International Conference on Geo-technical and Transportation Engineering (GEOTROPIKA) and International conference on Construction and Building Engineering (ICONBUILD) (GEOCON 2013)* – **International**
7. **Siti Norafida Jusoh,** Hisham Mohamad, Aminaton Marto & Nor Zurairahetty Mohd Yunus. (2014). Flexural Behavior of Segmented Tunnel Lining, presented *in National Seminar on Civil Engineering Research (SEPKA 2014),* 14-15th April 2014, at Universiti Teknologi Malaysia. – **National**
8. RA Abdullah, MFM Amin, NZM Yunus, **SN Jusoh**, N Ali, AE Otaghsaraei (2014). Prediction of Parameters' Controlling the Rock Slope Stability: ANOVA

Approach.*ISRM International Symposium-8th Asian Rock Mechanics Symposium* 14-16 October, Sapporo, Japan - **International**

9. Muhammad Azril Hezmi, Radzuan Saari, Mushairry Mustaffar, Che Ros Ismail, Mohd For Mohd Amin, Muhammad Nassir Hanapi, Khairulzan Yahya, Yusof Ahmad, Azman Mohamed, Nor Zurairahetty Mohd Yunus, Asnul Dahar Minghat, **Siti Norafida Jusoh**, Mohd Yunus Ishak, Mohd Zulkifli Mohd Yunus (2015). Implementation of Project Based Learning for Civil Engineering Students at Universiti Teknologi Malaysia. *9th Asia Pacific Structural Engineering and Construction Conference (APSEC 2015) 8th Asean Civil Engineering Conference (ACEC 2015)* – **Regional**

10. **S. N. Jusoh**, H. Mohamad, A. Marto, N. Z. Mohd Yunus, F. Kasim, E. Namazi, and H. Sohaei, (2015). Precast Concrete Tunnel Segments: A Review on Current Research. *World Virtual Conference On Applied Sciences And Engineering Applications, Akademia Baru***.** – **International**

11. **S. N. Jusoh**, H. Mohamad, A. Marto, N. Z. Mohd Yunus, F. Kasim, E. Namazi, and H. Sohaei, (2015). Precast Concrete Tunnel Segments: A Review on Current Research, *International Conference And Exhibition On Tunnelling And Underground Space 2015* (ICETUS 2015) – **International**

12. Nor Zurairahetty Mohd. Yunus, Dariusz Wanatowski, Aminaton Marto and **Siti Norafida Jusoh** (2016). Comparison Between Undrained And Drained Condition On Lime-Stabilized Organic Clay With Sodium Chloride*, 19th Southeast Asian Geotechnical Conference & 2nd AGSSEA Conference (19SEAGC & 2AGSSEA)* at Kuala Lumpur, Malaysia – **Regional**

13. **Siti Norafida Jusoh**, Hisham Mohamad, Aminaton Marto, Nor Eliza Alias, Muhammad Azril Hezmi, Rini Asnida Abdullah, Nor Zurairahetty Mohd. Yunus (2016). Investigation on Interaction Study in The Precast Segment Tunnel Lining Via Numerical Modelling, *10th International Conference of Geotechnical and Transportation Engineering(GEOTROPIKA 2016),* 17-18 February 2016 in Kuala Lumpur

14. **Jusoh, S.N.,** Mohamad, H., Marto, A., Yunus, N.Z., Kassim, F. and Hezmi, M.A. (2016). Numerical Modelling on the Mechanics of Precast Segment Tunnel Lining, *6th International Graduate Conference on Engineering, Science & Humanities (IGCESH 2016)*, pp 81, ISBN 978-967-0194-67-7 – **International**

15. **S.N. Jusoh,** A. Marto, H. Mohamad, R.A. Abdullah, N.M. Yunus, M.A.A.Kadir and C.S Tan, Investigation on Segment Joint to Improve Soil-Tunnel Interaction, *Southeast Asian Conference and Exhibition in Tunnelling and Underground Space 2017(SEACETUS2017)*, ISBN 978-983-40616-6-1 – **Regional**

16. **Siti Norafida Jusoh**, Abdullah Rini Asnida Marto Aminaton and Fauziah Kassim (2017). Tunnel and microtunnel for future smart and sustainable infrastructure solution, *Regional Conference in Civil Engineering(RCCE) and the 3rd International Conference on Civil Engineering Research (ICCER)* at JW Marriott Hotel Surabaya, Indonesia on 1-2 August 2017. – **Regional**

17. Zafri Nasrullah Bin Mohamed Ali**, Siti Norafida Jusoh** (2017). Unconfined Compressive Strength and Shear Strength of Marine Clay Treated by Magnesium Chloride. Proceedings of Civil Engineering, Volume 2 – Construction Management, Geotechnics and Transportation. Pg 172-178 – **National**

18. Mohamad Firdaus, **Siti Norafida Jusoh** (2017)The Bearing Capacity of Marine Clay Treated with Optimum Percentage of Magnesium Chloride, MgCl2 Proceedings of Civil Engineering, Volume 2 – Construction Management, Geotechnics and Transportation. Pg 141-147 – **National**

19. **Siti Norafida Jusoh**, Hisham Mohamad, Aminaton Marto and Fauziah Kassim (2018). Assessment on Segment Joint to Improve Soil-Tunnel Interaction. The 12th International Civil Engineering Post Graduate Conference (SEPKA) - *The 3rd International Symposium on Expertise of Engineering Design (3rd ISEED). 27-28 August 2018.* Le Grandeur Palm Resort, Senai, Johor. – **International**

20. **Siti Norafida Jusoh**, Dedy Yusufiansyah, Hisham Mohamad, Rini Asnida Abdullah, and Norzurairahetty Mohd. Yunus. (2018). Geotechnical Aspects of Tunnel lining with Segmental Joint Parameters to Improve Soil Surface Settlement Prediction. *The 12th International Civil Engineering Post Graduate Conference (SEPKA) - The 3rd International Symposium on Expertise of Engineering Design (3rd ISEED).* 27-28 August 2018. Le Grandeur Palm Resort, Senai, Johor. – **International**

21. Shanmugapriya Dewedree & **Siti Norafida Jusoh.** (2018). Slope Stability Analysis under Different Soil Nailing Parameters using The SLOPE/W Software. *The 2nd International Conference of Women in Science, Engineering and Technology (WiSET 2018).* Kuala Lumpur. 17-19 Julai 2018. - **International**

22. Osama ElHayed, **Siti Norafida Jusoh**, Rini Asnida Abdullah, and Dayang Zulaikha Abang Hasbollah. (2019). 3-D Numerical model of jack Force interaction to segmental tunnel lining in soft soil. *11th International Conference on Geotechnical Engineering in Tropical Regions (11th GEOTROPIKA) and 1st International Conference on Highway and Transportation Engineering (1st ICHITRA).* The Royal Widad Residence @ UTMKL. 27-28 February 2019. – **International**

23. Noor Iman Safiyya Mohd.Muhtar, **Siti Norafida Jusoh**, Asmawisham Alel, Rini Asnida Abdullah, Norzurairahetty Mohd. Yunus, Nordiana Mashros (2019). Assessment on Tunnel Lining to Ensure Stability in Soft Ground. *11th International Conference on Geotechnical Engineering in Tropical Regions (11th GEOTROPIKA) and 1st International Conference on Highway and Transportation Engineering (1st ICHITRA).* The Royal Widad Residence @ UTMKL. 27-28 February 2019. – **International**

24. A. Marto, G. Sakai, N. Suemasa, N.Z. Mohd Yunus, **S.N. Jusoh**, N. Jamaludin, M.M. Ponimin and M.F. Mohd Tahir. (2018). Screw Driving Sounding Test for Soil Identification and Classification. *Proceeding 20th SEAGC – 3rd AGSSEA Conference in conjunction with 22nd Annual Indonesian National Conference on Geotechnical Engineering*, Jakarta, November 2018 – **Regional**

ARTICLE

1. **Jusoh, S.N.,** (2018) Segmental Tunnel Lining Design: Understanding Ground-Tunnel Interactions in Staggered Tunnel Lining. Feature Article. The Monthly Bulletin of The Institution of Engineers, Malaysia Jurutera, Malaysia (July 2018 issues) – **National**

OTHER ATTRIBUTES

TECHNICAL SKILLS

Engineering software:

1. PLAXIS – Finite Element Code for Soil and Rocks
2. GeoStudio (GEO-SLOPE Int. Ltd.) – Geotechnical Engineering Software, e.g. SLOPE/W, SEEP/W, SIGMA/W, QUAKE/W
3. ABAQUS FEA – Finite Element Analysis

COURSES ATTENDED

1. In House Seminar: Seminar Perisian Kejuruteraan Awam II(2001), Organized by Persatuan Kejuruteraan Awam (PEKA) & Information Technology Unit of Civil Engineering(ITUCE), Faculty of Civil Engineering, UTM (participant)
2. GPS for Engineers and Professionals (2005), UTM Degree++, Organized by School of Professional and Continuing Education(SPACE), UTM at Faculty of GeoInformation, UTM.
3. Kursus Induksi Felo 2006, 27 January 2006, Dewan Senat, UTM
4. Short Course on Application of Geotechnical Engineering Software: PLAXIS (May 2007), Organized by Department of Geotechnics and Transportations, Faculty of Civil Engineering, UTM at IT Lab, UTM.
5. Kursus Kaedah Penyelidikan UTM Siri 2/2006, organized by University, 4-14 December 2006 and 27 and 28 December 206 at N24, UTM
6. Kursus Pembelajaran Dewasa (Adult Learning) (2007), Organized by School of (SPACE), UTM at Rumah Alumni, UTM.
7. In House Course: Leadership and Career Development in Academia, 29-30 October 2008, organized by Prof. Dr. Mohd Azraai bin Kassim & Pendaftar, Faculty of Civil Engineering, at Pusat Latihan UTM.
8. In House Course: ISO9001: 2000 Awareness Program, 18 June 2008, at PBL1, Faculty of Civil Engineering, UTM
9. Half Day English Course in Pronunciation, 1 July 2008, organized by CTL & HRD, UTM
10. Short Course on Macromedia Flash Player, June 2008, CTL, UTM
11. Kursus Induksi (4-24 December 2008) at Dewan Kuliah Pusat, P19, UTM
12. Workshop on Introduction to Matlab by Process Systems Engineering Centre (PROSPECT), FKKSA, UTM on March 2010
13. Workshop on "Recent Issues & Development in Geotechnical Engineering", 6th Dec 2010 at D02, Faculty of Civil Engineering, UTM
14. One Day Workshop of "How using ABAQUS: Keywords Edition" on 30 Nov 2013, at M46 FKA UTM
15. One Day Workshop of "Tulis Thesis Pantas" by MPWS (Dr.Othman Talib), 7 December 2013 at Kolej Tunku Canselor, UTM
16. CRA's Journal Publication Workshop by Construction Research Allience, UTM 1- 2 December 2014, at Dewan Sultan Iskandar, DSI UTM
17. Bengkel CDIO Learning Innovation by Faculty of Civil Engineering, 19 - 20 August 2014 at PBL 1, FKA, UTM
18. Kursus Kesedaran ISO 9001:2008 by Faculty of Civil Engineering, 23 anuary 2014 at PBL 1, FKA, UTM

19. Kursus Kompetansi Staf Makmal: Rock Testing by Geotechnics Laboratory on 7 September 2016 at Rock Laboratory, D03, Faculty of Civil Engineering, UTM
20. Effective Multimedia Creative Presentation Course by Centre for Teaching and Learning (CTL) on 23rd November 2016 at Computer laboratory CTL, UTM Johor Bahru
21. Supervisory Courses AS101 by UTMLead on 27th March 2017 at UTMLead Hall, F54, UTM Johor
22. Supervisory Courses AS102 by UTMLead on April 2017 at Faculty of Sciences, UTM Johor
23. Short Course of Principle Tunnel Design by Tunnel and Underground Technical Division (TUSTD), Institution of Engineer Malaysia (IEM) at Petaling Jaya Hilton Hotel, 19-20 April 2017
24. Tsunami Drill Simaltion with residents and schools by National Disaster Management Agency (NADMA) in Kota Kuala Muda Kedah (6-7 August 2018).
25. 21st Century Learning For Engaging Millennials by UTM Lead (18-19 JULY 2018)
26. BENGKEL PEMBANGUNAN MOOC by UTM Lead (24 Jan 2018)
27. Bengkel Kompetensi Open Ended Laboratory (OEL) at M50, 25 Nov 2018
28. DESIGNING AND SUPPORTING TEAM BASED LEARNING organized by Center of Education Engineering, at UTM (22-23 JULY 2018)
29. KURSUS 'REMOTE SUPERVISION' by UTM Lead (31 Okt 2018)
30. Seminar Lidar Technology Update 8 by Geotechnical Research Group (Okt 2018)
31. Geophysics Training V1.0 by by Geotechnical Research Group (17 Okt 2018)
32. Short Course on Geotechnical Design Incorporating Earthquake Factors (21 Feb 2018)