

CURRICULUM VITAE



A. PERSONAL DETAILS

1. Name : Dr. Nurul Fariha Lokman
2. Date of Birth : 18-09-1985
3. Sex : Female
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Google Scholar

<https://scholar.google.com/citations?user=SG8h3FYAAAAJ&hl=en>

	All	Since 2014
Citations	38	38
h-index	2	2
i10-index	1	1



<http://prisma.uitm.edu.my/prisma/?doit=pubRec>

B. BRIEF PERSONAL HISTORY

Nurul Fariha Lokman is a Senior Lecturer at Universiti Teknologi MARA, Shah Alam and Civil Engineer at Institute of Leadership and Development (ILD), Universiti Teknologi MARA, Bandar Enstek, Nilai. In 2009, she earned a JENESYS-scholarship and further Msc at Nagaoka University of Technology, Japan. Her honors PhD from Universiti Kebangsaan Malaysia in year 2016 was about detection of Pb-metals using SPR sensors system. She has good personality that makes her an active Corporate Coordinator in her Faculty from August 2016-March 2017. Effective interpersonal communication skills are crucial for making her a good lecturer. She loves

to encourage her students not to settle for anything less than the best of their capabilities. Her aim is to actively involve in research, especially to encourage candidates who struggle at the early stage of their research.

C. ACADEMIC QUALIFICATION

No.	Name of Institution	Degree/Qualification	Date awarded
1.	Universiti Kebangsaan Malaysia	PhD in Civil Engineering and Built Environment	2016
2.	Nagaoka University of Technology, Japan and Universiti Teknologi MARA, Malaysia	MSc of Civil Engineering, UiTM Shah Alam	2011
3.	Universiti Teknologi MARA, Malaysia	Bachelor of Engineering (Hons.) Civil, CGPA 3.58	2009
4.	Universiti Teknologi MARA, Malaysia	Diploma in Civil Engineering, CGPA 3.64	2006

D. WORKING EXPERIENCE

1.	2018-Present	Civil Engineer at Institute of Leadership and Development (ILD), Universiti Teknologi MARA, Bandar Enstek, Nilai
2.	2016-Present	Senior lecturer, Faculty of Civil Engineering in Universiti Teknologi MARA (UiTM)
3.	2015-2016	Lecturer at Manipal International University, Nilai
4.	2009	Pegawai Tadbir at Ministry of Transportation (MOT), Putrajaya
5.	2008	Working as Trainee Engineer at Ir. Dr. Aziz Consults, Shah Alam for 10 weeks. (Practical training pre-requisite in UiTM)

E. PROFESSIONAL QUALIFICATIONS

Graduate Engineer, Board of Engineers Malaysia (BEM) - Since 2016

F. AREA OF RESEARCH

Detection of Heavy Metals, Water and wastewater treatments, Upflow Anaerobic Sludge Blanket (UASB) reactors, Surface Plasmon Resonance Sensors.

G. PHD THESIS

CS-GO/(AG, AU) NANOSTRUCTURE THIN FILMS ON SURFACE PLASMON RESONANCE SENSOR FOR DETECTION OF PB (II) IONS IN WATER SAMPLES (2016)

H. TALK INVITATIONS

No	Title	Date	Place
1.	Ceramah Motivasi Kecemerlangan Akademik for SMK Tuanku Muhammad, Kuala Pilah, Negeri Sembilan	March 2016	Manipal International University, Nilai, Negeri Sembilan
2.	FYP Talk for Civil Engineering Students	August 2018	Manipal International University, Nilai, Negeri Sembilan
3.	Crispy Research Talk: How to start when you are stuck?	October 2019	Institute of Leadership and Development (ILD), Universiti Teknologi MARA, Bandar Enstek, Nilai.

I. PUBLICATION

1. Lokman, N. F., Abu-Bakar, A. A., Suja, F., Abdullah, H., Wan-AbdulRahman, W. B., Nay-Ming, H. & Yaacob, M. H. 2014. Highly sensitive SPR response of Au/chitosan/graphene oxide nanostructured thin films toward Pb (II) ions. *Sensors and Actuators B:Chemical*, 195, 459-466. (Q1-INDEX FACTOR 3.84)
2. Kamaruddin, N. H., Jamaludin, N. M. A., Lokman, N. F. & Abu-Bakar, A. A. 2014. Effect of Bi-metallic Structure on the Performance of Chitosan-Graphene Oxide Surface Plasmon Resonance Sensor. *Proceeding 2014 Photonics (ICP), IEEE 5th International Conference*.
3. Lokman, N. F., Suja, F., Abdullah, H. & Abu-Bakar, A. A. 2015. Structural and morphology of silver-crosslinked chitosan thin films for SPR sensor. *Pigment & Resin Technology*, 44(1), 33-40. (Q3-INDEX FACTOR 0.662)
4. Kamaruddin, N. H., Jamaludin, N. M. A., Lokman, N. F. & Abu-Bakar, A. A. 2014. Effect of Bi-metallic Structure on the Performance of Chitosan-Graphene Oxide Surface Plasmon Resonance Sensor. *Proceeding 2014 Photonics (ICP), IEEE 5th International Conference*.
5. Lokman, N. F., Abu-Bakar, A. A., Abdullah, H. & Suja, F. 2017. SPR response of CS-GO nanostructured thin films for selective detection of Pb(II) ions in the Saigon River, Vietnam. *Desalination and Water Treatment*, 93, 180-186. (Q3)

6. L. N. Fariha, Y. Takashi & A. T. Suhaimi. 2018. Removal of Copper Metal through a Hybrid Bio-Chemical Precipitation Process. Journal of Fundamental and Applied Sciences, 10(6S), 709-719.

J. AWARDS

1. Best poster presentation (Bronze Medal) in International Conference on Functional Materials & Device, Penang, 2014.
2. Third place in poster competition by Centre for Entrepreneurship and SMEs Development (CESMED) at UKM, Bangi, 2013.
3. Silver Award in The International Invention & Innovative Competition Encourages the Generation of Innovative New Products, Services and Technologies, Cameron Highlands, 2017.
4. Silver Award in The International Invention, Innovation and Technology Exhibition (ITEX), KLCC, 2018.
5. Gold Award in Invention, Innovation & Design Exposition (IIDEX) 2018, "SPR sensors of CS-GO nanostructured thin films for detection of Pb(II) ions in the Saigon River, Vietnam".
6. Bronze Award in Invention, Innovation & Design Exposition (IIDEX) 2018, "Fluorescence of Dissolved Organic Matter (DOM) in Groundwater".
7. Gold Award in Invention, Innovation & Design Exposition (IIDEX) 2018, "Formulation of Nanofiltration Flat Sheet Membrane using Cellulose from Kenaf Core".

K. CONSULTANCY

PROJEK PERINTIS PELAN KESELAMATAN SANITASI (SSP) PORT DICKSON
May 2016- Present

Scope of Works: Systematically identify and manage health risk along the sanitation chain; Develop and implement an incremental improvement plan; provide assurance to authorities and the public on the safety of sanitation-related products and services; Monitor control measures and verify performance & Develop supporting programmes and review plans.