

CURRICULUM VITAE



A. **PERSONAL DETAILS**

1. Name : Nurul Elma Binti Kordi
2. Date of Birth : 29-04-1985
3. Sex : Female
4. Office Address : Faculty of Civil Engineering, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia
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<https://scholar.google.com/citations?hl=en&user=zBIULYgAAAAJ>



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

B. **BRIEF PERSONAL HISTORY**

Nurul Elma Kordi obtained her diploma and Bachelor's degree in Civil Engineering from Universiti Teknologi MARA (UiTM), Malaysia in 2006 and 2009 respectively. In 2013, she received a Master's degree in Transport and Logistics also from Universiti Teknologi MARA (UiTM). She has been serving UiTM since September 2013 as a researcher at MITRANS and lecturer at the Faculty of Civil Engineering. Her research interest includes safety in transport, construction project management, pavement and social sustainability.

C. ACADEMIC QUALIFICATION

No.	Name of Institution	Degree/Qualification	Date awarded
1.	Universiti Teknologi MARA, Malaysia	MSc in Transport and Logistics	2013
2.	Universiti Teknologi MARA, Malaysia	Bachelor of Engineering (Hons.) Civil	2009
3.	Universiti Teknologi MARA, Malaysia	Diploma in Civil Engineering	2006

D. WORKING EXPERIENCE

1.	2013-Present	Lecturer, Faculty of Civil Engineering in Universiti Teknologi MARA (UiTM) – Department Construction Business and Project Management (CBPM), teaching Construction Project Management, Civil Engineering Quantities & Estimating and supervising postgraduate and final year project students
2.	2018	Invited speaker for a Modul Capability Management: Supply Perspective, Risk Management: Supply Perspective and Green Logistic for TLDM
3.	2017	Invited speaker for a Modul Capability Management: Supply Perspective, Risk Management: Supply Perspective and Green Logistic for TLDM
4.	2013 - 2015	Ketua Makmal Transport and Logistics at MITRANS, UiTM
5.	2009 - 2010	Research Assistance

E. PROFESSIONAL QUALIFICATIONS

1. Graduate Engineer
Board of Engineers Malaysia (BEM) (**65621A**)
2. Graduate Member
Institution of Engineers, Malaysia (IEM)
3. Ordinary Member (**0.3376**)
Road Engineering Association of Malaysia (REAM)
4. Ordinary Member
Transportation Science Society of Malaysia (TSSM)
5. Ordinary Member (**0.3376**)
Road Engineering Association of Asia & Australasia (REAAA)

F. AREA OF RESEARCH

Construction Project Management, Safety, Transportation, Social Sustainability

G. PHD THESIS

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H. RESEARCH GRANTS

1. FRGS: Pedestrian Risk Assessment Model at Urban signalised Intersection (Principal researcher) 57,000 (2015-2017).
2. FRGS: Finite element techniques for modeling of road infrastructure deterioration caused by heavy loading. (Member) RM128,300.00 (2015-2017).
3. FRGS: Governance for Disaster Risk Reduction: A Holistic Flood Risk Management System (HFRM) For Malaysia RM48,700.00 (Member) (2016).
4. REG: Sustainability Index for Halal Supply Chains (Member) RM48,700.00 (2016-2017).
5. MARCELS: Analysis of Heavy Vehicle Drivers Behaviour at Signalised Intersections (Principal researcher) RM50,000 (2018-2019).

I. PUBLICATION

1. Shehu, Z., Elma, N., Endut, I. R., & Holt, G. D. (2014). Factors influencing road infrastructure damage in Malaysia. *Infrastructure Asset Management*. <https://doi.org/10.1680/iasma.14.00010>
2. Hamidun, R., Kordi, N. E., Endut, I. R., Ishak, S. Z., & Yusoff, M. F. M. (2015). Estimation of illegal crossing accident risk using stochastic petri nets. *Journal of Engineering Science and Technology*.
3. Mahmoud Yassenn, O., Endut, I. R., Hafez, M. A., Ishak, S. Z., & Kordi, N. E. (2015). Fatigue damage ratios for heavy vehicles operating in the southern part of Malaysian Peninsula. In *Lecture Notes in Electrical Engineering*. https://doi.org/10.1007/978-3-662-47200-2_109
4. Hamidun, R., Kordi, N. E., Endut, I. R., & Ishak, S. Z. (2016). Behavioral observations of crossing pedestrians at urban signalized intersections. *Jurnal Teknologi*. <https://doi.org/10.11113/jt.v78.8481>
5. Hamidun, R., Kordi, N. E., Endut, I. R., Ishak, S. Z., & Yusof, M. F. M. (2016). Pedestrian potential risk while crossing at signalized intersections. *Jurnal Teknologi*. <https://doi.org/10.11113/jt.v78.8482>
6. Tahir, W., Jani, J., Endut, I. R., Mukri, M., Kordi, N. E., & Ali, N. E. M. (2016). Flood Disaster Management in Malaysia: Standard Operating Procedures (SOPs) Review. In *ISFRAM 2015: Proceedings of the International Symposium on Flood Research and Management 2015*. https://doi.org/10.1007/978-981-10-0500-8_3

7. Hamidun, R., Ishak, S. Z., Kordi, N. E., & Endut, I. R. (2016). Prediction of pedestrian risk at signalized intersections. *Jurnal Teknologi*. <https://doi.org/10.11113/jt.v78.8492>
8. Nurul Elma Kordi; Siti Noor Rahmah Firman Shah; Nur Farizan Tarudin; Elmi Alif Azmi; Tengku Nurul Aishah Tengku Aziz (2016). The Culture of Distracted Driving: Mobile Phone Used. MITRANS Logistics and Transport International Conference 2016 (MILTC2016), April 12-14, 2016, Padang Indonesia.
9. Saaidin, S., Endut, I. R., Abu Samah, S. I. Abd Razak, N. N. and Kordi, N. E. (2017). Risk Perceptions Of Design And Build Projects In Malaysian Construction Industry. International Conference on Maintenance and Rehabilitation of Constructed Infrastructure Facilities (MAIREINFRA1) April 19-21, 2017, South Korea.
10. Abd Razak, N. N., Endut, I. R., Abu Samah, S. I. Saaidin, S., and Kordi, N. E. (2017). Relationship On The Implementation Of Quality Control Techniques During Site Inspection. International Conference on Maintenance and Rehabilitation of Constructed Infrastructure Facilities (MAIREINFRA1) April 19-21, 2017, South Korea.
11. Nurul Elma Kordi; Nur Farizan Tarudin; Elmi Alif Azmi; Tengku Nurul Aishah Tengku Aziz (2018). Green Technology Knowledge of Workforce and Empowerment in Construction Project. International Conference on Advances in Civil Engineering and Science Technology (ICACEST) 2018 September 5-6, 2018, Penang, Malaysia.
12. Nur Farizan Tarudin; Nurul Elma Kordi; Tengku Nurul Aishah Tengku Aziz; Muhammad Akmal Asyaraaf Adlan (2018). The Inclination Of Oil And Gas Supply Base Personnel Towards Safety Compliance. International Conference on Advances in Civil Engineering and Science Technology (ICACEST) 2018 September 5-6, 2018, Penang, Malaysia.
13. Muhammad Firdaus Abd. Rashid; Jezan Md. Diah; Nurul Elma Kordi (2018). The Improvements On The Pedestrian Sidewalk Towards Supporting World Class City In Malaysia. International Conference on Advances in Civil Engineering and Science Technology (ICACEST) 2018 September 5-6, 2018, Penang, Malaysia.
14. Tengku Nurul Aishah Tengku Aziz; Ramlah Mohd Tajuddin; Dzairani Kamarun; Nurul Elma Kordi; Rajie Malini (2018). Citrus Fruit Waste Leachate Treatment by Using Newly Developed Flat Sheet Membrane. International Conference on Advances in Civil Engineering and Science Technology (ICACEST) 2018 September 5-6, 2018, Penang, Malaysia.
15. Muhamad Alif Azahari; Nurul Elma Kordi; Rizati Hamidun (2018). Heavy Goods Vehicle Driver Behavior and Conflict Risk Assessment at Signalized Intersection. 5th International Conference on Science and Social Research 2018 (CSSR2018) 5-6 December 2018, Kota Kinabalu, Sabah.

J. CONSULTANCY

BIL	DURATION	PROJECT	COST PROJECT
1.	Jan 2018 – Jan 2019	Track Access Capacity Across The KTMB Rail Network (KTMB)	RM229850.40
2.	Sep 2017 – Jan 2018	Customer Experience And Satisfaction Survey (Cess) For Prasarana Group Of Companies (Sept 2017) (PRASARANA)	RM189740.00
3.	Feb 2016 – Apr 2018	A Study On The Impact Of Low Cost Carrier (LCC) On National Economy (MAHB)	RM16980.00
4.	Feb 2016 – Apr 2018	Research On Pilot Study Of High Capacity Buses In Malaysia (SCANIA)	RM51,858.89
5.	Feb 2016 – Apr 2017	Kajian Selidik Laluan Pejalan Kaki Di Sekitar Stesen Transit Awam Di Kuala Lumpur (DBKL)	RM9,360.00
6.	Nov 2016 – Nov 2017	Visual Pavement Condition Index Survey Data Collection And Data Analysis For Airport Pavement Management System (APMS) At Airports In Semenanjung, Sabah And Sarawak (MAHB)	RM20,000.00
7.	Nov 2016 – Nov 2017	Program Pembangunan Kapasiti Vendor Bumiputera Oleh Agensi Teknikal 2016 (MITI)	RM305,280.00
8.	Oct 2015 – Oct 2016	Visual Survey Works And Structural Data Collection In The Perspective Islamic Concept (MAHB)	RM306,451.72
9.	Nov 2015 – Nov 2016	GSI Survey In Islamic Perspective For Prasarana Group Of Companies Nov 2015 (PRASARANA)	RM140,431.45
10.	Feb 2015 – Apr 2015	Kajian Selidik Kepuasan Pelanggan Terhadap Jaringan Kemudahan Laluan Pejalan Kaki Paras Tanah Yang Disediakan Di Bawah Nkea (Epp8) : Pedestrian Network Di Kuala Lumpur (2014/G031) (DBKL)	RM39,285.00
11.	Sep 2014 – Dec 2014	Guest Satisfaction Index-GSI for PRASARANA Transit Services : September 2014 (PRASARANA)	RM75,000.00
12.	Oct 2014 – Dec 2014	Social Impact Study on Seputeh Station Closure for KTMB Commuter Services (KTMB)	RM7500.00
13.	Oct 2014 – Dec 2014	Kajian Naiktaraf Jalan Balung Lama, Tawau, Sabah (Tangkas Bintang Sdn Bhd)	RM32,000.00
14.	Oct 2014 – Dec 2014	Seminar on Green Logistics and Transportation: A Strategy for Reducing the Cost of Business (MOT)	RM20,020.00

15.	Aug 2014 – Dec 2014	Full Integration of Airport Pavement Management System (APMS) Stage 2 At Sultan Abdul Halim Airport, Alor Setar, Kedah (MAHB)	RM149,490.00
16.	April 2014 – June 2014	Professional Programme For Officers Of India Ne States Pwds "Maintenance And Rehabilitation Of Roads And Bridges Using Road Asset Management System (RAMS)" (LASA / ADB INDIA)	RM92,00.00
17.	May 2014 – July 2014	Kajian Penggunaan Laluan Pejalan Kaki Berbumbung Di Kuala Lumpur (DBKL)	RM9996.00
18.	Jan 2014 – July 2014	Full Integration of Airport Pavement Management System (APMS) Stage 2 at Penang International Airport (PIA) (MAHB)	RM210,497.00
19.	Sept 2013 – Sept 2014	Commuter Bus Improvement Plan (SPAD)	RM201,000.00
20.	Aug 2013 – Jan 2014	Guest Satisfaction Index (PRASARANA)	RM165,000.00
21.	April 2013 – June 2013	Guest Satisfaction Index (PRASARANA)	RM49,995.00
22.	Sept 2012 – March 2013	Land Public Transport Survey for Johor Bahru And Georgetown (SPAD)	RM1,000,000.00
23.	July 2010 – Sept 2012	Study on The Effect of Axle Load on The Existing Pavement In Malaysia (MLC)	RM69,000.00
24.	March 2010 – July 2010	Project Upgrade Infrastructure Work and Other Work Related at Universiti Teknologi Mara (UiTM) Shah Alam, Selangor (PERUNDING BERSATU)	RM50,000.00