

<b>CURRICULUM VITAE</b>
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i. Full Name : Izyani Mat Rusni

ii. Position : Senior Lecturer

iii. Academic Qualifications :

No.	Academic Qualification	Institution/Country	Year of Graduation
1.	Doctor of Philosophy	Universiti Putra Malaysia	2017
2.	Master in Engineering	Universiti Kebangsaan Malaysia	2003
3.	Bachelor of Engineering	Universiti Kebangsaan Malaysia	2001

iv. Current Teaching and Administrative Responsibilities:

a. Current Subject(s) taught :

No.	Code	Name of Subject
1.	KED 3113	Computer Architecture
2.	KED 2173	Communication System
3.	KED 3153	Data and Computer Network

b. Administrative Responsibilities :

No.	Description	Date
1.	Deputy Dean of Academic, FELS	1 <sup>st</sup> September 2018– 31 <sup>st</sup> August 2019
2.	Deputy Director CGQA	1 <sup>st</sup> January 2018-31 <sup>st</sup> August 2018
3.	Head of Department, FELS	1 <sup>st</sup> September 2016 – 31 <sup>st</sup> December 2016
4.	Deputy Dean of Academic, FoE	1 <sup>st</sup> January 2016-31 <sup>st</sup> August 2016

v. Previous Employment:

No.	Employer Name and Address	Position	Years	
			Start	End
1.	Kolej Inpens	Lecturer	2001	2002

vi. Conferences and Training:

No.	Title	Venue	Date
1.	<i>International Multidisciplinary Conference, IMPC20</i>	Shah Alam	2020
2.	Bengkel Bimbingan Audit Dalaman MS ISO 9001:2015	UNISEL	17-18 Mei 2018
3.	SETARA Training	Kuala Lumpur	14 <sup>th</sup> May 2018
4.	Reliability Testing Training	MIMOS	24 April 2018
5.	<i>International Conference on Engineering, Life Sciences and Social Science</i>	Malacca	9-10 February 2018
6.	<i>International Conference on Electrical Engineering and Informatics</i>	Langkawi	25 <sup>th</sup> – 27 <sup>th</sup> November 2017
7.	<i>International Conference on Life Sciences Revolution</i>	Shah Alam	29 <sup>th</sup> -30 <sup>th</sup> November 2016
8.	<i>International Conference on Engineering Technology and Technopreneuship</i>	Kuala Lumpur	2014
9.	International Conference on Defence & Security Technology	Kuala Lumpur	2014
10.	IEEE Regional Symposium on Micro Nanoelectron.	Langkawi	2014

## vii. Research and Publications:

No.	Title	Year
1	Hasliza Abu Hassan et al 2020 IOP Conf. Ser.: Mater. Sci. Eng. 769 012029	2019
2.	Rusni, I.M., Ismail, Hamidon, M.N., 2018. Sensitivity Enhancement of Chemical Sensor Using Aligned Gap Split Ring Resonator, Journal of Fundamental and Applied Science, 2018.	2018
3.	Rusni, I.M., Ismail, A., Alhawari, A.R.H., Hamidon, M.N., Yusof, N.A., 2014. An Aligned-Gap and Centered-Gap Rectangular Multiple Split Ring Resonator for dielectric sensing applications. Sensors (Basel).	2014
4.	Rusni, I.M., Ismail, A., Alhawari, A.R.H., Hamidon, M.N., Yusof, N.A., "Biosensing Using Aligned-Gap Multiple Split Ring Resonator at Microwave Frequency for Possible Application in Halal Industry," Contemporary Issues and Development in the Global Halal Industry, 2016, Springer, pp 179-189	2016
5	I. M. Rusni and A. Ismail, "Aligned gap multiple split ring resonator biosensor for DNA hybridization detection at microwave frequency," <i>2017 6th International Conference on Electrical Engineering and Informatics (ICEEI)</i> , Langkawi, 2017, pp. 1-7	2017
6	. I. M. Rusni, A. Ismail, M. N. Hamidon and N. A. Yusof., "Centered-Gap Split Ring Resonator for Biomolecule Sensing at Microwave Frequencies," International Conference on Life Sciences Revolution (ICLSR 2016), Selangor, pp 83-86	2016
7	I. M. Rusni, A. Ismail, A. R. Alhawary, M. N. Hamidon and N. A. Yusof, "Aligned-gap multiple split ring resonator for dielectric sensing application," <i>2014 4th International Conference on Engineering Technology and Technopreneuship (ICE2T)</i> , Kuala Lumpur, 2014,	2014
8	I. M. Rusni, A. Ismail, A. R. Alhawary, M. N. Hamidon," Centered-Gap Split Ring Resonator for Dielectric Characterization at Microwave Frequencies," International Conference on Defence & Security Technology (DSTC2014), Kuala Lumpur, pp 133-136 ISBN 978-967-960-215-9	2014
9	Rusni, I.M., Ismail, A., Alhawari, A.R.H., Hamidon, M.N., Yusof, N.A., Isa, M.M., 2013. Centered-gap and aligned-gap multiple split ring resonator for bio-sensing application. <i>RSM 2013 IEEE Reg. Symp. Micro Nanoelectron.</i>	2014

## Community Service:

No.	Description	Period
1	Bantuan Keewangan Anak Yatim MyEstima	2018
2	Program Simpulan Kasih bersama anak yatim	2018
3	Bantuan Keewangan asnaf MyEstima	2017
4	Bantuan Keewangan Rumah Orang-orang Tua	2016

## ix. Other Relevant Information:

PROFESSIONAL MEMBERSHIPS	1. Graduate Member, Board of Engineer Malaysia 2. Graduate Technologist, Board of Technologist Malaysia
RESEARCH GRANT	1. <b>Geran Penyelidikan Kerajaan Negeri Selangor (2018)</b> Title: In situ verification of Smartphone Lab On Chip Technologies for Halal Detection System ( RM 40,000)  <b>Researchers:</b> Izyani Mat Rusni, Nur Julia Nazim, Hasliza Abu Hasan, Salina Muhamad, Siti Hasmah

	<p><b>2. Geran Penyelidikan Kerajaan Negeri Selangor (2018)</b></p> <p>Title : The Next Generation of wireless Communication Using Li-Fi Technology for Eco Smart Building (RM30, 000)</p> <p>Researchers: Juwairiyah Abdul Rahman, Mohd Syuhaimi Ab Rahman, Izyani Mat Rusni</p> <p><b>3. Geran Penyelidikan Kerajaan Negeri Selangor (2018)</b></p> <p>Title: Visualization of Diebetic Retinopathy Graphical User Interface for Detection of Diabetes Mellitus To Prevent The Risk of Cardiovascular Disesse. (RM 30,000)</p> <p>Reasearcher: Hasliza Abu Hasan, Sasni Ismail, Izyani Mat Rusni</p> <p><b>4. Greran Bestari (value at RM3000), BRIC Universiti Selangor</b>  <b>Title:</b> Development of Digital Modem Trainer for Laboratory Applications  <b>Researchers:</b> Nur Julia Nazim, Izyani Mat Rusni Siti NurBaizura, Taufik Ridzuan July 2017</p> <p><b>5. Research University Grantt Scheme (value at RM10000), Research Management Center, Universiti Putra Malaysia, 2012</b>  <b>Title:</b> Development of Metamaterial Microwave Biosensor for DNA Hybridization detection.  <b>Researchers:</b> Izyani Mat Rusni, Alyani Ismail, Mohd. Nizar Hamidon, Nor Azah Yusof</p>