


## Brief CV

<b>Name</b>	<b>Joseph Emerson Raja</b>	中文名		
<b>Gender</b>	Male	<b>Title</b> (Pro./Dr.)	Dr.	
<b>Position</b> (President...)		<b>Country</b>	Malaysia	
<b>WeChat/WhatsApp</b> /FB				
<b>University/</b> <b>Department</b>	Faculty of Engineering and Technology Multimedia University, Malaysia			
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<b>Research Area</b>	Applying soft computing techniques to monitor the health of machines			

**Brief introduction of your research experience:**

**Dr J Emerson Raja** (Ph.D.) is currently a Senior Lecturer in the Faculty of Engineering and Technology at Multimedia University, Malaysia. His technical expertise centres around applying soft computing techniques to monitor the health of machines. His research works on “machine tool condition monitoring” has been published in several established international journals and conferences. Dr. Emerson received his Ph.D. in Engineering from the Multimedia University, Malaysia (2014). As his doctoral project, he developed a robust method for tool condition monitoring by emitted sound analysis using Hilbert Huang transform and competitive neural network. He was honoured with the *notable commendation award* by his alma mater, SRM University, India in conjunction with its Alumni Day on 12 March 2017. He was also honoured with the *best executive award* and group CEO *merit award* for the year 2014 from TM, the leading integrated telecommunication company in Malaysia. He has co-authored a book, “C Programming for beginners”, published by Pearson (Malaysia) in 2009. He has been a recipient of the *excellent teaching award* three times, for the year 2012, 2013 and 2016, from the president of Multimedia University, Malaysia. He was also the recipient of the *best research poster award* in the MMU-Infineon technical symposium 2011. Dr. Emerson Raja received his bachelor’s and master’s degrees in Computer Science and Engineering from University of Madras, India in 1989 and 2001 respectively. He has conducted successfully the Malaysian Government funded **MTCP training program** for 15 international participants from 14 August to 25 August 2017 at MMU. He was one of the speakers of the "International Teaching Week" at Hof University of Applied Sciences, GERMANY in June 2013. As an *SENIOR member* of IEEE, he has actively contributed as invited speaker in several technical symposiums arranged by IEEE Signal Processing Society of Malaysia. He had provided *key-note speeches* in five International Conferences in India and China. He has been invited twice as a *guest speaker* in MAL technical & innovation symposium on 21 November 2013 and 30 October 2014 at Infineon, a German based company in Malaysia. He was also awarded the *silver medal* by the Ministry of Higher Education, Malaysia, for his poster in the Innovative

Practices in Higher Education Expo 2014 (I-PHEX 2014). He has been invited to Chonnam National University, South Korea, for their international summer session 2018, as international visiting scholar. He had given a talk on “Digestive health” at Gwanju International Centre, South Korea on 21st July 2018. Being a HRDF certified trainer, he has delivered several talks and seminars on soft computing and adaptive signal processing topics.

**\*\*\*\*\*All the columns need to be filled in.**