

Personal Details	RAVANDRAN A/L MUTTIAH
Academic Qualifications	<ol style="list-style-type: none"> 1. Master of Science in Mobile, Personal and Satellite Communications from University of Westminster, London, United Kingdom. 2. Bachelor of Engineering (Honours) in Electrical and Electronic Engineering from University of North London, London, United Kingdom. 3. Engineering Diploma in Electrical Engineering from Butterworth Institute of Technology, Penang, Malaysia. 4. Full Technological Certificate in Electrical Engineering Technician's from City and Guilds of London Institute, London, United Kingdom. 5. Part 1 in Electrical Engineering from Society of Engineers London, London, United Kingdom. 6. Certificate in Microprocessor from Federal Institute of Technology, Kuala Lumpur, Malaysia. 7. General Certificate of Education (GCE) Ordinary Level, Local Examinations Syndicate, University of Cambridge, Cambridge, United Kingdom.
Administrative Duties	<ol style="list-style-type: none"> 1. Sectional Editor of AIMST Newsletter. 2. Internal Moderator for the course Mathematics of Foundation in Science of AIMST University
Awards	<ol style="list-style-type: none"> 1. Recipient of 'Q1 STAR for Excellence in Overall Academic and Research Performance for the year 2016' were awarded by AIMST University.
Professional Membership	<ol style="list-style-type: none"> 1. Member of The Institution of Engineering and Technology (IET), United Kingdom from May 2005 to date. 2. Associate Member of The Institution of Electrical Engineers (IEE), United Kingdom from April 1997 to December 1999. 3. Stage 1 of Chartered Engineer of The Engineering Council (EC), United Kingdom from April 1997 to date. 4. Graduate Engineer of Board of Engineers, Malaysia (BEM) from May 2004 to date.
Teaching	<ol style="list-style-type: none"> 1. Courses teaching for the Bachelor of Engineering (Honours) in Electrical and Electronic Engineering as follows: <ol style="list-style-type: none"> i. EEEE 6490345 RF and Microwave Electronics; ii. EEEEC 6440315 Communication Systems; iii. EEEEC 6430312 Measurements and Instrumentation; iv. EEEEC 6430310 Electromagnetic Fields and Waves; (1) Courses teaching for the Diploma in Electrical and Electronic Engineering as follows: <ol style="list-style-type: none"> i. EEEEC 4320308 Principles of Communication Systems. ii. EEEEC 4340318 Instrumentation and Control Systems;

Areas of Expertise	<ul style="list-style-type: none">i. Space Communications;ii. Low Earth Orbit Satellite Communications;iii. 5G Mobile Communications;iv. Array Signal Processing;v. RF and Microwave Techniques;vi. Wireless Networks;vii. Spectral Analysis;viii. Multiple Access;ix. MIMO Systems;x. Millimeter Wave;xi. Inter Symbol Interference;xii. Beamforming;
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