

Personal Details	<p>RAMAN RAGURAMAN</p> <p>Deputy Dean, Faculty of Engineering and Computer Technology, AIMST University, Malaysia Over 10 years of industrial experience and 20 years of teaching experience. Serving as Senate (Invited Member) in academic decision-making. Currently pursuing a PhD in "Application of Deep Learning in Power Demand Forecasting."</p>
Academic Qualifications	(PhD), M.Eng , (India) MDBA (India), CEng (Engineering Council) , UK
Administrative Duties	Deputy Dean
Publications (last 5 years)	<ul style="list-style-type: none"> • Deep Predictive Analytics of Online Learning Materials to Customer Clusters with User Intention and Behavior Patterns, Dhilipan, SBVJ Sara, H Prasad, R Raguraman, Human Machine Interaction in the Digital Era: Towards Conversational • Cluster analysis-based fault identification data mining models for 3 phase power systems, TY Sing, SEB Siraj, R Raguraman, PN Marimuthu, K Gowrishankar, ... International Journal of Innovation and Scientific Research 24 (2), 285-292 • Local outlier factor based data mining model for three phase transmission lines faults identification, TY Sing, ES Syahrel, R Raguraman, PN Marimuthu, K Nithiyananthan ,International Journal of Computer Applications 130 (2), 17-23 • Enhanced R package-based cluster analysis fault identification models for three phase power system network, K Nithiyananthan, P Nair, R Raguraman, TY Sing, SEB Siraj, International Journal of Business Intelligence and Data Mining 14 (1-2), 106-120 • Cosine similarity cluster analysis model based effective power systems fault identification, TY Sing, SEB Siraj, R Raguraman, PN Marimuthu, K Nithiyananthan International Journal of Advanced and Applied Sciences 4 (1), 123-129 • Effect of PID power system stabilizer for a synchronous machine in simulink environment, TQ Yi, G Kasilingam, R Raguraman, IOP Conference Series: Earth and Environmental Science 16 (1), 012025 • Design of Phase Locked Loop (PLL) using CMOS Technology, G Narmadha, H Prasad, K Nivetha, R Raguraman, Solid State Technology 63 (5), 7501-7506 • Intelligent PID Power system Stabilizer for a synchronous machine in Simulink environment, TanQ Yi , G kalasalngam, R.Raguraman • Implementation of Outcome-Based Education for Engineering Accreditation Exercise, S.Deivasigamani, Raman Raguraman, Bala Selladuri, R Badlishah Ahmad, Segar Rajamanickam • Human Machine Interaction in the Digital Era 24Deep Predictive Analytics of Online Learning Materials to Customer Clusters with User Intention and Behavior Patterns, J Dhilipan, SBVJ Sara, H Prasad, R Raguraman ,Human Machine Interaction in the Digital Era, 140-148 • Voltage stability analysis and stability improvement of Power system, Pavithern, Raman Raghuraman, Pratap Nair, Nithiyananthan.K, International Journal of Electrical and Computer Engineering, Asia, Vol 5, No2, pp 189- 197 April 2015.

Research Grants	In AIMST University, we got Fundamental Research Grant Scheme (FRGS) on " Outlier and Association Analysis Based Data Mining Model for Power System Fault Detection " in 2014. (RM 63000)
Professional Membership	Chartered Engineer (Engineering Council , UK)
Supervision	Only UG students
Teaching	Power System Analysis , Control systems , Smart Grids, Electrical machines, engineering Mathematics
Areas of Expertise	Deep learning and Smart Grids and Control Systems
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