

























FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING






#	PHOTO	NAME	TEL. NO.	EMAIL	FIELD OF RESEARCH	SPECIALIZATION
1		ENCIK BADARUDDIN BIN MUHAMMAD	09-4246015	badaruddin@ump.edu.my	Instrumentation and Control Engineering	1. Computational Intelligence
2		DR. SAIFUDIN BIN RAZALI	09-4246103	saifudin@ump.edu.my	Instrumentation and Control Engineering	1. Robot Design 2. Telerobotics and Teleoperation 3. Human- Robots Interfaces 4. Robot localization and mapping 5. Autonomous robotics 6. Autonomous vehicle
3		DR. MD RIZAL BIN OTHMAN	09-4246036	rizal@ump.edu.my	Applied Electronics and Computer Engineering	1. Audio/Signal Processing 2. Systems And Techniques for Human Interaction 3. Embedded Systems and Architecture Implementations 4. Wireless Sensor Networks 5. Digital technology 6. Driver and Vehicle Safety Engineering
4		DR. MAHFUZAH BINTI MUSTAFA	09-4246031	mahfuzah@ump.edu.my	Applied Electronics and Computer Engineering	1. Image/Video Processing 2. Audio/Signal Processing 3. Systems And Techniques for Human Interaction 4. Biomedical sciences 5. Mobile imaging
					Instrumentation and Control Engineering	6. Computational Intelligence
5		DR. MOHD SHAFIE BIN BAKAR	94246054	shafie@ump.edu.my	Sustainable Energy and Power Electronics	1. Power Electronics and Drives 2. Power Engineering Education
					Instrumentation and Control Engineering	3. Virtual Instrument






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6		<b>PROFESOR IR DR. KAMARUL HAWARI BIN GHAZALI</b>	<b>94246029</b>	<b>kamarul@ump.edu.my</b>	<b>Applied Electronics and Computer Engineering</b>	1. Emerging Techniques for Next Generation Video/Image Coding 2. Image/Video Processing 3. Audio/Signal Processing 4. Image Formation and Scanning 5. Image/Video Storage, Retrieval, and Authentication
					<b>Instrumentation and Control Engineering</b>	6. Thermographics
7		<b>DR. RAMDAN BIN RAZALI</b>	<b>94246095</b>	<b>ramdan@ump.edu.my</b>	<b>Sustainable Energy and Power Electronics</b>	1. Renewable Energy Studies 2. Energy Efficiency 3. Power Electronics and Drives
					<b>Instrumentation and Control Engineering</b>	4. Neural Networks
8		<b>PROFESOR MADYA DR. MOHD RUSLLIM BIN MOHAMED</b>	<b>94246052</b>	<b>rusllim@ump.edu.my</b>	<b>Sustainable Energy and Power Electronics</b>	1. Renewable Energy Studies 2. Energy Efficiency 3. Energy Storage 4. Energy Management and Economics 5. Energy Harvesting 6. Electric Train/Locomotive
9		<b>PUAN MARLINA BINTI YAKNO</b>	<b>94246032</b>	<b>marlinayakno@ump.edu.my</b>	<b>Applied Electronics and Computer Engineering</b>	1. Image/Video Processing
10		<b>PROFESOR MADYA DR. HAMZAH BIN AHMAD</b>	<b>94246024</b>	<b>hamzah@ump.edu.my</b>	<b>Instrumentation and Control Engineering</b>	1. Robot Design 2. Development and Control 3. Control System 4. Estimation and Filtering 5. Navigation 6. Control Theory and Applications




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11		DR. NOR RUL HASMA BINTI ABDULLAH	94246078	hasma@ump.edu.my	Sustainable Energy and Power Electronics	1. Power System Engineering 2. Applications of Computational Intelligence in Engineering
					Instrumentation and Control Engineering	3. Swarm Intelligence 4. Evolutionary Computation 5. Computational Intelligence
12		PROFESOR MADYA DR. HAMDAN BIN DANİYAL	94246023	hamdan@ump.edu.my	Sustainable Energy and Power Electronics	1. Renewable Energy Studies 2. Power Electronics and Drives 3. Electric Vehicle Power and Propulsion 4. Energy Efficiency 5. Energy Policy 6. Electrical Machines Design
13		PROFESOR MADYA DR. MOHD HERWAN BIN SULAIMAN	09-4246140	herwan@ump.edu.my	Instrumentation and Control Engineering	1. Evolutionary Computation 2. Computational Intelligence 3. Heuristic Algorithms 4. Swarm Intelligence
					Sustainable Energy and Power Electronics	5. Power System Engineering 6. Applications of Computational Intelligence in Engineering
14		PROFESOR MADYA DR. ZUWAIRIE BIN IBRAHIM	-	zuwairie@ump.edu.my	Instrumentation and Control Engineering	1. Computational Intelligence
15		DR. AMIR IZZANI BIN MOHAMED	09-4246144	izzani@ump.edu.my	Sustainable Energy and Power Electronics	1. Dielectric Material and Plasma Application 2. High Voltage Engineering 3. Lightning 4. Atmospheric Physic 5. Electrical Insulation 6. Electrostatic

#	PHOTO	NAME	TEL. NO.	EMAIL	FIELD OF RESEARCH	SPECIALIZATION
16		DR. AHMAD AFIF BIN MOHD FAUDZI	09-4246154	ahmadafifm@ump.edu.my	Applied Electronics and Computer Engineering	1. Image/Video Processing
					Sustainable Energy and Power Electronics	2. Applications of Computational Intelligence in Engineering
					Instrumentation and Control Engineering	3. Evolutionary Computation 4. Computational Intelligence 5. Neural Networks
17		DR. MOHD MAWARDI BIN SAARI	09-4246119	mmawardi@ump.edu.my	Instrumentation and Control Engineering	1. Development and Control 2. Metrology and Instrumentation 3. Electromagnetic Measurement
18		DR. NUR AQILAH BINTI OTHMAN	09-4246155	nuraqilah@ump.edu.my	Instrumentation and Control Engineering	1. Robot Design 2. Development and Control 3. Simultaneous Localization and Mapping (SLAM) in Mobile Robot
19		DR. AHMAD SYAHIMAN BIN MOHD SHAH	09-4246020	asyahiman@ump.edu.my	Sustainable Energy and Power Electronics	1. Renewable Energy Studies 2. Solar Energy 3. Solar Irradiance Forecasting
20		DR. MOHAMAD SHAIFUL BIN ABDUL KARIM	09-4246115	mshaiful@ump.edu.my	Applied Electronics and Computer Engineering	1. RF Communication
					Instrumentation and Control Engineering	2. Electromagnetic Measurement






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21		DR. MUHAMMAD SHARFI BIN NAJIB	09-4246065	sharfi@ump.edu.my	Sustainable Energy and Power Electronics	1. Applications of Computational Intelligence in Engineering
					Instrumentation and Control Engineering	2. Gas-Based Sensors, 3. E-Nose 4. Computational Intelligence
22		DR. MOHAMMAD FADHIL BIN ABAS	09-4246038	mfadhil@ump.edu.my	Sustainable Energy and Power Electronics	1. Energy Efficiency
					Instrumentation and Control Engineering	2. Robot Design 3. Development and Control 4. Underactuated Systems and Control
23		DR. ROSDIYANA BT SAMAD	09-4246099	rosdiyana@ump.edu.my	Applied Electronics and Computer Engineering	1. Image/Video Processing 2. Audio/Signal Processing 3. Visual Communications 4. Systems And Techniques for Human Interaction
					Instrumentation and Control Engineering	5. Computational Intelligence 6. Neural Networks
24		PROFESOR MADYA DR. MOHD RAZALI BIN DAUD	09-4246048	mrzali@ump.edu.my	Applied Electronics and Computer Engineering	1. Image/Video Processing 2. Digital technology
					Sustainable Energy and Power Electronics	3. Applications of Computational Intelligence in Engineering 4. Current Engineering Issues and Industrial Experience
					Instrumentation and Control Engineering	5. Development and Control 6. Legged/Multi-Legged Systems






#	PHOTO	NAME	TEL. NO.	EMAIL	FIELD OF RESEARCH	SPECIALIZATION
25		DR. ZAINAH BINTI MD. ZAIN	09-4246123	zainah@ump.edu.my	Instrumentation and Control Engineering	<ol style="list-style-type: none"> <li>1. Robot Design</li> <li>2. Development and Control</li> <li>3. Underactuated Systems and Control</li> <li>4. Space and Marine Robotics</li> <li>5. Bioinspired/Biomimetic System</li> </ol>
26		DR. NORMANIHA BINTI ABD GHANI	09-4246087	normaniha@ump.edu.my	Sustainable Energy and Power Electronics	1. Applications of Computational Intelligence in Engineering
					Instrumentation and Control Engineering	2. Control System Design
27		DR. NORIZAM BIN SULAIMAN	09-4246085	norizam@ump.edu.my	Applied Electronics and Computer Engineering	<ol style="list-style-type: none"> <li>1. Image/Video Processing</li> <li>2. Audio/Signal Processing</li> <li>3. Systems And Techniques for Human Interaction</li> <li>4. Biomedical sciences</li> <li>5. RF Communication</li> <li>6. Brain Signal Processing</li> </ol>
28		PROFESOR MADYA DR. ABU ZAHARIN BIN AHMAD	09-4246002	zaharin@ump.edu.my	Sustainable Energy and Power Electronics	<ol style="list-style-type: none"> <li>1. Renewable Energy Studies</li> <li>2. Energy Management and Economics</li> <li>3. Power System Engineering</li> <li>4. Power Electronics and Drives</li> <li>5. Smart/micro grid system</li> <li>6. Model predictive control</li> </ol>
29		PROFESOR MADYA IR. DR FAHMI BIN SAMSURI	09-4246017	fahmi@ump.edu.my	Applied Electronics and Computer Engineering	<ol style="list-style-type: none"> <li>1. Image Formation and Scanning</li> <li>2. Embedded Systems and Architecture Implementations</li> <li>3. Biomedical sciences</li> <li>4. Wireless Sensor Networks</li> <li>5. Biosensors</li> <li>6. Micro and nanofabrication</li> </ol>






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30		DR. AHMAD NOR KASRUDDIN BIN NASIR	-	kasruddin@ump.edu.my	Instrumentation and Control Engineering	<ol style="list-style-type: none"> <li>1. Robot Design,</li> <li>2. Development and Control</li> <li>3. Swarm Intelligence</li> <li>4. Evolutionary Computation</li> <li>5. Computational Intelligence</li> <li>6. Heuristic Algorithms</li> </ol>
31		DR. MOHD SYAKIRIN BIN RAMLI	09-4246057	syakirin@UMP.EDU.MY	Instrumentation and Control Engineering	<ol style="list-style-type: none"> <li>1. Underactuated Systems and Control</li> <li>2. Telerobotics and Teleoperation</li> <li>3. Agent-Based Modeling</li> </ol>
32		IR. DR. AYIB ROSDI BIN ZAINUN	09-4246013	ayib@UMP.EDU.MY	Applied Electronics and Computer Engineering	<ol style="list-style-type: none"> <li>1. Wireless Sensor Networks</li> <li>2. RF Communication</li> <li>3. Telecommunication Technology</li> <li>4. Material for solar cell</li> <li>5. Nano composite</li> <li>6. Thin film</li> </ol>
33		IR. DR. ADDIE IRAWAN BIN HASHIM	09-4246003	addieirawan@UMP.EDU.MY	Applied Electronics and Computer Engineering	<ol style="list-style-type: none"> <li>1. Embedded Systems and Architecture Implementations</li> <li>2. Wireless Sensor Networks</li> <li>3. Network Technology</li> </ol>
					Instrumentation and Control Engineering	<ol style="list-style-type: none"> <li>4. Robot Design</li> <li>5. Underactuated Systems and Control</li> <li>6. Legged/Multi-Legged Systems</li> </ol>
34		IR. DR. MUHAMAD ZAHIM BIN SUJOD	09-4246061	zahim@UMP.EDU.MY	Sustainable Energy and Power Electronics	<ol style="list-style-type: none"> <li>1. Renewable Energy Studies</li> <li>2. Solar Energy</li> <li>3. Wind Energy</li> <li>4. Energy Efficiency</li> <li>5. Power System Engineering</li> <li>6. Power Electronics and Drives</li> </ol>




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35		ENCIK MOHD SHAWAL BIN JADIN	09-4246056	mohdshawal@ump.edu.my	Instrumentation and Control Engineering	1. Thermographics 2. Fault Detection and Diagnosis
					Sustainable Energy and Power Electronics	3. Solar Energy 4. Power Electronics and Drives 5. Applications of Computational Intelligence in Engineering 6. Renewable Energy Studies
36		DR. RAJA MOHD TAUFIKA BIN RAJA ISMAIL	09-4246093	RAJAMOHD@UMP.EDU.MY	Instrumentation and Control Engineering	1. Development and Control 2. Underactuated Systems and Control 3. Fuzzy Systems
37		DR. NURUL HAZLINA BINTI NOORDIN	09-424 6130	HAZLINA@UMP.EDU.MY	Applied Electronics and Computer Engineering	1. Embedded Systems and Architecture Implementations 2. Wireless Sensor Networks 3. RF Communicatio 4. Telecommunication Technology 5. Antenna Design 6. Beamforming



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38		DR. MOHD ZAMRI BIN IBRAHIM	09-4246060	ZAMRI@UMP.EDU.MY	Applied Electronics and Computer Engineering	<ol style="list-style-type: none"> <li>1. Image/Video Processing</li> <li>2. Audio/Signal Processing</li> <li>3. Visual Communications</li> <li>4. Systems And Techniques for Human Interaction</li> <li>5. Embedded Systems and Architecture Implementations</li> <li>6. Cloud Multimedia Systems</li> </ol>
39		DR. MOHD ANWAR BIN ZAWAWI	09-4246040	MOHDANWAR@UMP.EDU.MY	Applied Electronics and Computer Engineering	1. Biomedical sciences
					Instrumentation and Control Engineering	2. Photonic Sensors
40		PUAN NURUL WAHIDAH BINTI ARSHAD	09-4246090	WAHIDAH@UMP.EDU.MY	Applied Electronics and Computer Engineering	1. Image/Video Processing
41		DR. RUHAIZAD BIN ISHAK	09-4246102	RUHAIZAD@UMP.EDU.MY	Sustainable Energy and Power Electronics	<ol style="list-style-type: none"> <li>1. Renewable Energy Studies</li> <li>2. Solar Energy</li> <li>3. Power Quality</li> <li>4. Energy Efficiency</li> <li>5. Power System Engineering</li> <li>6. Electric Vehicle Power and Propulsion</li> </ol>
42		DR. MOHD ASHRAF BIN AHMAD	09-4246041	MASHRAF@UMP.EDU.MY	Sustainable Energy and Power Electronics	<ol style="list-style-type: none"> <li>1. Wind Energy</li> <li>2. Energy Efficiency</li> <li>3. Energy Management and Economics</li> </ol>
					Instrumentation and Control Engineering	<ol style="list-style-type: none"> <li>4. Computational Intelligence</li> <li>5. Development and Control</li> <li>6. Underactuated Systems and Control</li> </ol>

#	PHOTO	NAME	TEL. NO.	EMAIL	FIELD OF RESEARCH	SPECIALIZATION
43		DR. DWI PEBRIANTI	09-4246127	dwipebrianti@ump.edu.my	Applied Electronics and Computer Engineering	1. Image/Video Processing 2. Embedded Systems and Architecture Implementations
					Instrumentation and Control Engineering	3. Robot Design 4. Development and Control 5. Underactuated Systems and Control 6. Computational Intelligence
44		DR. IZZELDIN IBRAHIM MOHAMED ABDELAZIZ	09-4246145	izzeldin@ump.edu.my	Applied Electronics and Computer Engineering	1. Embedded Systems and Architecture Implementations 2. Wireless Sensor Networks 3. Network Technology 4. Network Security 5. Network Management and Traffic Engineering 6. Cloud Computing and Big Data Security
45		PROFESOR DR. SABIRA KHATUN	09-4246157	sabirakhatun@ump.edu.my	Applied Electronics and Computer Engineering	1. Audio/Signal Processing 2. Cloud Multimedia Systems 3. Biomedical sciences 4. Wireless Sensor Networks 5. Mobile & Satellite Communications 6. Ultrawide Band
46		DR. BAKRI BIN HASSAN	09-4246016	bakri@UMP.EDU.MY	Sustainable Energy and Power Electronics	1. Renewable Energy Studies 2. Energy Storage 3. Power Electronics and Drives 4. Electric Vehicle Power and Propulsion
47		DR. SYAMIMI MARDIAH BINTI SHAHARUM	-	SYAMIMIMARDIAH@UMP.EDU.MY	Applied Electronics and Computer Engineering	1. Image/Video Processing 2. Audio/Signal Processing 3. Biomedical sciences
					Sustainable Energy and Power Electronics	4. Applications of Computational Intelligence in Engineering
					Instrumentation and Control Engineering	5. Neural Networks 6. Fuzzy Systems

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48		PUAN MARLINA BINTI YAKNO	09-4246032	MARLINAYAKNO@UMP.EDU.MY	Applied Electronics and Computer Engineering	1. Image/Video Processing
49		ENCIK RAZALI BIN MUDA	09-4246096	razali@UMP.EDU.MY	Applied Electronics and Computer Engineering	1. Telecommunication Technology
					Instrumentation and Control Engineering	2. Photonic Sensors 3. Gas-Based Sensors
50		DR. MOHD IKHWAN BIN MUHAMMAD RIDZUAN	09-4246026	ikhwanr@ump.edu.my	Sustainable Energy and Power Electronics	1. Power System Engineering 2. Network Reliability Performance
51		ENCIK MOHD FALFAZLI BIN MAT JUSOF	09-4246043	mfalfazli@ump.edu.my	Applied Electronics & Computer Engineering Computer Engineering	1. Image/Video Processing
						2. Systems And Techniques for Human Interaction
						3. Embedded Systems and Architecture Implementations
						4. Wireless Sensor Networks
						5. RF Communication
						6. Physical Computing
52		PUAN WAN NUR AZHANI BT. W. SAMSUDIN	09-4246059	nurazhani@ump.edu.my	Applied Electronics and Computer Engineering	1. Emerging Techniques for Next Generation Video/Image Coding
					Instrumentation & Control Engineering	2. Image/Video Processing, Surveillance
						3. Surveillance
						4. Fault Detection and Diagnosis
						5. Computational Intelligence
					6. Knowledge- Based Systems	

#	PHOTO	NAME	TEL. NO.	EMAIL	FIELD OF RESEARCH	SPECIALIZATION
53		PUAN YASMIN BINTI ABDUL WAHAB	09-4246121	yasmin@ump.edu.my	Applied Electronics and Computer Engineering	1. Image/Video Processing
					Instrumentation & Control Engineering	2. Fault Detection and Diagnosis 3. Process Control 4. Metrology and Instrumentation 5. Process Tomography 6. Electrical Resistance Tomography
54		PUAN NUR HUDA BINTI RAMLAN	09-4246072	hudaramlan@ump.edu.my	Sustainable Energy and Power Electronics	1. Renewable Energy Studies 2. Solar Energy 3. Wind Energy 4. Energy Efficiency 5. Energy Storage
					Instrumentation & Control Engineering	6. PASSIVITY-BASED CONTROLLERS
55		DR. NURHAFIZAH BINTI ABU TALIP @ YUSOF	09-4246158	hafizahs@ump.edu.my	Applied Electronics & Computer Engineering	1. RF Communication 2. MEMS/NEMS
					Instrumentation & Control Engineering	3. Bioinspired/Biomimetic System 4. Self-Organization