

SM4GT RESEARCH GROUP

Name	Expert Areas (max 3)	Master Thesis Title	Ph.D Thesis Title
Azizah Shaaban	Rare Earth Magnetic Materials, Ceramics, Powder Processing	Characterization of Multilayer Ceramic Capacitor	Study of Rare Earth NdFeB Alloys and Magnets
Adibah Haneem Mohamad Dom	Bio-materials coating	Embedment of Hydroxyapatite (HA)/Titanium (Ti) composite powder on superplastic titanium alloy for medical implant applications	-
Umar Al-Amani Azlan	Ceramics, Thin Films, Material Characterization	Variable Parameters Of High Speed Planetary Milling For Barium Strontium Titanate	Effect Of Rare Earth Doping On The Properties Of Bismuth Titanate For Ferroelectric Applications
Jariah Mohamad Juoi	Waste Immobilization, Advance Ceramic Coating, Glass Composite	The Effect of CaO/P2O5 Mole Ratio on The Crystallisation of Calcium Phosphate Glasses.	The Effect of Waste Loading on Glass Composite Wasteform Immobilising Simulated Spent Clinoptilolite
Nuzaimah Mustafa	Rubber (Latex), Material Testing	Three-way catalyst converters against motorbike combustion pollution	
Zurina Shamsudin	Non-metal Composite Materials Fiberisation Manufacturing Micromechanics and Single Fibre Analytical Analysis	The Study of Flow Morphology of Polyamide 6 reinforced E-Glass Composite	Fabrication of Glass Ceramic Fibres For High Temperature Applications
Toibah Abd Rahim	Coating, Ceramic, Biomaterial	Development of Porous Magnesium-doped Biphasic Calcium Phosphate (BCP) for Biomedical Applications	Fabrication Of Cold Spray Ti-O Coatings Engineered From Agglomerated Powders
Zaleha Mustafa	Polymer Composite, Biomaterial, Fatigue Analysis	Fatigue Characterization Of Bioactive Degradable Composite For Metacarpal Fixation	Multiaxial fatigue characterization of self-reinforced polylactic acid - calcium phosphate composite,
Yusliza Yusuf	Surface Coating, Material Characterization	Effect Of Temperature & Time On The Microwave Plasma Nitride Ti6Al4v Substrate And Its Influence To The Duplex Coating Properties	
Siti Rahmah Shamsuri	Metallic material	The Effect of Soil Resistivity on Corrosion Behaviour of Coated and Uncoated Low Carbon Steel	
Aludin Mohd Serah	Phase Change Material (PCM), Polymer Synthesis, Chemistry	Synthesis and biodegradability of optically active poly(capractone/carbonate) copolymers	Investigation on the Thermal Properties and Biodegradability of Paraffin Polycaprolactone Composite as Phase Change Materials for Thermal Energy Storage