



THE PAPUA NEW GUINEA
UNIVERSITY OF TECHNOLOGY

POSTGRADUATE SCHOOL

Postgraduate Thesis Tiles with Supervisors - 2021

Name of the Student	Department	Program	Thesis Title	Supervisor (s)
Sharon Cybil AGOVAUA	AGRICULTURE	MPhil	Investigating the Biology and Control Options of the Coconut Flat Moth (CFM), <i>Agonoxena</i> sp. new (Lepidoptera: Agonoxenidae)	Dr M Ero/Dr R Dotaona
Stella Bue PURI		MSc	Assessing the Risks of Soil and Food Contamination from Upstream Mining Activities in the Lower Watut Area.	Dr R Rao
George NOHO	APPLIED PHYSICS	MSc	Geophysical Data Interpretation for the Ramu-Markham Fault Zone, Lae Region, Papua New Guinea	Prof. M Mukhopadyaya
Muteng MUGANG		MSc	Geophysical Studies for Limestone Deposits in PNG	Prof. M Mukhopadyaya
Jessy SEKERE		MSc	A Study of Ionospheric Disturbances Associated with Magnetic Storms, Lightening Activities and Earthquakes.	Dr F Pereira
Gideon AIYOWA		MTech	Interpretation of Multichannel Seismic Reflection and Other Geophysical Data of Offshore Mahanadi Basin, India:	Prof. M Mukhopadyaya

			Implications on Hydrocarbon Exploration Potential.	
Gideon LITAU		MTech	Borehole Image Logs to Delineate Fractures for Optimization of Production from Coal Bed Methane Reservoir	Dr M Ali
Hesron BAPAGAU		MTech	Interpretation of Borehole Image Logs to Identify Fractures in Basement of Contai Area Bengal Basin, India for Hydrocarbon Exploration.	Dr M Ali
Danlee KEN		MTech	Tool Physics of Nuclear Magnetic Resonance and its Application in Oil Industry for Formation Evaluation and Fluid Characterization	Dr M Ali
Vincey KORENG		MTech	Finding the In-Situ Horizontal Stress Orientations from Image Logs for Best Direction of Drilling the Inclined and Horizontal Wells for Well Placement and Well Completion	Dr M Ali
Kundo HUNDANG	APPLIED SCIENCES	PhD	Studies on Environmental Cadmium and its Associate, Lead of Volcanic Origin and Their Potential Implications on the Health of the Population of the Gazelle Peninsula Area in the East New Britain Province of Papua New Guinea	Dr L Yalambing/Dr A Pue
Carlton G UWADA		MPhil	A Pilot Study into Local Production of Supplementary Food for Malnourished Children in Papua New Guinea	Dr L Yalambing
Liksen MANDALI	COMMUNICATION AND DEVELOPMENT STUDIES	MCS	Integrating Blind People into Mainstream Schools in Papua New Guinea: A Case Study - Morobe Province	Prof E Gilder
Justina KUMASI		MCS	Province – 2020 Translation and Interpretation in Communication for Community Development: A Case Study of Wafi Golpu Special Mining Lease	Ms I Ambelye

			Villages in Bulolo District of Morobe Province.	
Nermann Kaloa WOPO		MCS	A Communicative Approach for Sustainable Rehabilitation Interventions: The Consortia for Increase Number of Children in Street-connected Situations in Lae City	Prof E Gilder
Regine YAMASOMBI		MCS	The Impacts of Socio-Cultural, Economic and Gender Issues on Academic Performances of Girls in Rural High and Secondary Schools of Papua New Guinea: A Case Study of Yangoru Saussia District, East Sepik Province, 2020	Dr R Orake
Jacob BEN	MECHANICAL ENGINEERING	MEng (Mech)	Investigating the Effect of Preventive Maintenance on Machine Reliability in a Beer Processing Plant	Dr A Mohamed/ Dr K Muduli
Peter OYEKOLA		MEng (Mech)	Ferromagnetic Climbing Robot for Industrial Flaw Detection: An Implementation of Computer Vision	Prof J Pumwa/ Dr A Mohamed
Rolland MARK		MEng (Mech)	Impressed Current Cathodic Protection (ICCP) for Chloride Enhanced Corrosion of Reinforced Concrete in the Marine Environment of Papua New Guinea	Dr A Mohamed/ Prof J Pumwa
Tingneyuc SEKAC	SURVEYING AND LAND STUDIES	PhD	Spatio-Temporal Analysis of Climatic and Geographic Variables for Assessment of Climate Change, Impact Evaluation and Monitoring in Papua New Guinea	Dr S K Jana
Joeli VARO		PhD	Disaster Risk Reduction from a GIS and RS Perspective of the Fiji Islands	Dr S K Jana
Glenda YATU		MPhil	Assessment and Modeling of Potential Renewable Energy in PNG: Biomass and Solar Energy	Dr S Samanta
Wilson KUMNE		MPhil	Flood Susceptibility Mapping Using GIS Models: A Case Study of Busu River	Dr S Samanta

Michaela OTTO		MPhil	Analysis of the Social, Economic and Cultural Factors Affecting Residential Property Rentals and Values in Lae, Morobe Province, Papua New Guinea	Prof J Babarinde
Imen Ite PAPA		MPhil	A Comparative Analysis of Land Dealings in Forestry and Extractive Resource (Mining, Oil and Gas) Projects in Western and Hela Provinces, PNG: Modelling a Unified Land Dealing System.	Prof J Babarinde

Note: PhD = Doctor of Philosophy; MPhil = Master of Philosophy; MSc = Master of Science; MCS = Master of Communication Studies; MEng = Master of Engineering in Mechanical Engineering; MTech = Master of Technology in Exploration Geophysics.