

List of Research Grants Secured by Academic Staff

NO	GRANT	YEAR	RESEARCH TITTLE	PRINCIPAL
1	MOHE (FRGS) RM 108,400	2019-2021	A Correlation Study on the Usage of Phase Change Materials (PCMs) Towards Optimum Reduction of Heat Transfer from Cool Wall Concrete Panel for Green Building Applications	Brig Gen Prof Ir Dr Norazman Bin Mohamad Nor (Retired)
2	MOE (PRGS) RM 141,000	2019-2021	Development of Prototype for Bamboocrete Structure	Brig Gen Prof Ir Dr Norazman Bin Mohamad Nor (Retired)
3	KETTHA RM 1,048,400	2018	Civil Engineering structural and Infrastructural design of wave energy converter project	Lt Kol Ir Dr Vikneswaran a/l Munikanan (Retired)
4	Industry RM 15,000	2019	Investigation of behavior of masonry bricks subject to blast loading	PM Ir Dr Mohamad Alias bin Mohamad Yusof
5	CRG (UTM) RM 20,000	2020	The Development of Malaysia Rural Road Index for Neighbourhood Socio-Economic Benefits	Lt Kol Ir Dr Vikneswaran a/l Munikanan (Retired)
6	MOHE (RACER) 31,433.00	2019	Impact of human activities and climate change on suspended sedimen transport.	Dr Zuliziana binti Suif
7	UPNM (GPJP) RM 20,000	2019	Spatio-Temporal Patterns of Soil Erosion and Suspended Sediment Dynamics in UPNM Catchment,	Dr Zuliziana binti Suif
8	UPNM (GPJP) RM 20,000	2019	Effect of Soil Hydraulic Properties to Unsaturated Soil Slope Stability at Klang Valley Due to Rainfall.	PM Dr Aniza binti Ibrahim
9	UPNM (GPJP) RM 20,000	2019	Urban Flood Mitigation By Green Wall System	Dr Nordila binti Ahmad
10	UPNM (GPJP) RM 20,000	2019	Development of low-cost interlocking block using coconut shell concrete	Pn. Noor Aina binti Misonon
11	UPNM (GPJP) RM 20,000	2019	Development of 3D Real Time Slope Monitoring System Using Multi-Point Fixed Inclinator	Dr Jestin binti Jelani
12	UPNM (GPJP) RM 20,000	2019	Development of 3D Mapping Slope Monitoring System Using Low Altitude Unmanned Aerial Vehicle (UAV)	Sr Gs Wan Mohamed Syafuan Wan Mohamed Sabri
13	MOHE (Pasca-Covid) RM 18,500	2020	Estimating Post-MCO Intercity Public Transport Demand using mode choice behavior model	Dr Ng Choy Peng

14	KPT (FRGS) RM 88,200	2020	Effect of Palm Kernel Oil-Polyol as bio-binder for Warm Mix Asphalt under aging and moisture damage condition	Ts Faridah Hanim binti Khairuddin
15	KPT (FRGS) RM 82,700	2020	Numerical Derivation of Seismic Damage Index of Underground Tunnels for Performance-Based Design under Earthquake Load	Ir Dr Siti Khadijah binti Che Osmi
16	KPT (TRGS) RM 266,700	2020	Developing a Civil-Military Coordination Framework for Urban Disaster Response in Kuala Lumpur	Assoc. Professor Mohd Asri bin Md Nor
17	International grant \$5,000 CAD	2021	Study on Rapid Expansion CO2-Based Technology for Combatting Peat Fires	Ir Suriyadi bin Sojipto