

**SENARAI BIDANG FOKUS DI BAWAH DOMAIN PENYELIDIKAN
PERMOHONAN PRGS 2.0 TAHUN 2020**

Bil.	Domain Penyelidikan	Bidang Fokus	Contoh Tajuk Penyelidikan
1.	Sains Kesihatan dan Klinikal (SKK)	Frontier Technology and Solutions: Analytics, Artificial Intelligence (AI) and Informatics for Evidence-based Awareness and Delivery of Healthcare	Vital organs function monitoring devices in critical care e.g. to measure hemodynamic parameters
		Emergency, Disaster and Pandemic-focused Medical Devices and Health Solutions	Drug delivery systems e.g. for targeted delivery of vaccine against Covid-19
		Diagnostics, Therapeutics and Precision Medicine Instrumentations	Artificial Intelligence devices to detect, triage and assess different health protocol in managing people at risk of contracting viral infection
2.	Sains Tulen dan Gunaan (STG)	Industrial Technology	Production of enzymes for food or industrial applications
		Animal and Environmental Research on the Origin of Virus	The control of vector or host for virus transmission
		Epidemiological Study: Tracking and Tracing Tools for Diseases	Modelling of viral transmission and tracking of index cases/Development of tools for contact exposure in communicable disease

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3.	Teknologi dan Kejuruteraan (TK)	Innovation for Sustainable Tomorrow	New Innovation of Technology/Products
		Industrial Technology Advancement: Smart Partnership Academia-Industry	Collaboration between Academia and Industry to enhance technology/knowledge findings
4.	Teknologi Maklumat dan Komunikasi (ICT)	Creative Industry	Augmented Reality Heritage Site
		Transportation	Supply Chain Operation
		Digital Economy	E-Commerce
		Big Data Analytics	Forecasting
5.	Sains Sosial (SS)	Port Congestion Management during Pandemic	Automated Solution to Aid Port Operation During Pandemic
		Psychological and Socio-Economic Effect of Movement Control Order (MCO)	Restriction Movement on economy impact
		Product innovation on retailing, food services and supermarket (online shopping)	The GIG economy
6.	Sastera dan Sastera Ikhtisas (SSI)	Reshaping Education	Use of Technology on E-Learning
		Legislative and Policy Reforms	Policy on Social Distancing in Factory
		Social Disruptions and Religious Practices	Holistic Standard of Procedure (SOP) for Religion Practices
7.	Warisan Alam dan Budaya (WAB)	Climate change and Environment (Temperature Rise: Transboundary Air Pollution)	Air pollution sensor
		Well Being for Senior Citizen and Vulnerable Groups	Telemedicine apps
		Innovation for a New Normal during Pandemic	Online shopping apps that is user friendly for the elderly, disable