

Domain	Sub-Domain	TRL Indikator	Example topic Exploratory (TRL 1-2)	Example Topics Transformative (TRL 2-3)	Potential IP Types (GET 8 Jenis Diiktiraf)	Key Ministries / Stakeholders (Nama GET 2026)
Sastera dan Sastera Ikhtisas (Arts and Applied Arts)	Bahasa dan Linguistik (Language and Linguistics)	1→2	New conceptual framework for preserving endangered indigenous dialects.	Validated AI-driven phonetic diagnostic tool or radical new literacy SOP for endangered language communities.	Hak Cipta (Module/Software), Rahsia Dagangan (Proprietary methodology).	KPM, MOTAC, Dewan Bahasa dan Pustaka.
Sastera dan Sastera Ikhtisas (Arts and Applied Arts)	Kesusasteraan (Literature)	2	Theoretical model of "Digital Narratology" in modern Malaysian epics.	PoC for an interactive digital storytelling platform for cross-cultural empathy — validated with limited user group.	Hak Cipta (Literary work/Code), Reka Bentuk Industri (UI design).	MOTAC, KPM, ITNM.
Sastera dan Sastera Ikhtisas (Arts and Applied Arts)	Agama (Religion)	2	Conceptual ethics framework for AI governance grounded in Maqasid Al-Shariah.	White Paper/Technical Report presented to JAKIM for radical policy changes in digital ethics — stakeholder validation.	Hak Cipta (Policy Paper/Framework), Rahsia Dagangan (Assessment methodology).	JPM (JAKIM), Kementerian Digital, KPT.
Sastera dan Sastera Ikhtisas (Arts and Applied Arts)	Falsafah (Philosophy)	1→2	Exploratory analysis of epistemic justice frameworks in Malaysian multicultural education policy.	Conceptual framework for integrating philosophical ethics into national AI governance guidelines — validated through expert Delphi.	Hak Cipta (Framework document), Rahsia Dagangan (Assessment protocol).	KPT, Kementerian Digital, JPM.
Sastera dan Sastera Ikhtisas (Arts and Applied Arts)	Ketamadunan dan Sejarah (Civilisation & History)	1→2	New historical theory on maritime trade routes via archaeometallurgy.	Validated digital heritage documentation system (3D reconstruction) for UNESCO heritage conservation — PoC with limited site data.	Hak Cipta (Digital Content/Database), Reka Bentuk Industri (Interface design).	MOTAC (Jabatan Warisan Negara), Kementerian Digital.
Sastera dan Sastera Ikhtisas (Arts and Applied Arts)	Seni dan Budaya (Art & Culture)	1→2	Neuro-aesthetic theory of traditional dance movements (e.g., Mak Yong).	New SOP for the digitalization and safeguarding of Intangible Cultural Heritage — validated with practitioner communities.	Hak Cipta (Choreography documentation/Module), Petunjuk Geografi (Heritage practice), Rahsia Dagangan (Digitisation protocol).	MOTAC (ASWARA/JKKN), Kraftangan Malaysia.
Sastera dan Sastera Ikhtisas (Arts and Applied Arts)	Pendidikan dan Pendidikan Orang Asli (Education & Orang Asli Education)	2→3	Conceptual model for hybrid learning in nomadic/semi-nomadic communities.	Impact-validated pedagogical toolkit for B40/Orang Asli learners — pilot tested in 5 schools with pre-post measurement.	Hak Cipta (Teaching Module/Toolkit), Inovasi Utiliti (Assessment instrument).	KPM, JAKOA (di bawah KKDW), KPT.
Sastera dan Sastera Ikhtisas (Arts and Applied Arts)	Polisi dan Undang-Undang (Policy and Law)	2	Legal framework for autonomous vehicle liability or data sovereignty in Malaysian context.	Drafted legislative amendment or radical policy framework for National Data governance — validated through stakeholder consultation.	Hak Cipta (Draft Legislation/Framework), Rahsia Dagangan (Policy assessment methodology).	JPM (Bahagian Hal Ehwal Undang-Undang), Kementerian Digital, MOT.
Sastera dan Sastera Ikhtisas (Arts and Applied Arts)	Alam Bina (Built Environment)	2→3	Design theory for bio-climatic vernacular architecture addressing urban heat island effect.	Proof-of-concept validation of sustainable bamboo composite structural properties under simulated disaster loads — lab-scale testing.	Paten (Structural composite method), Reka Bentuk Industri (Design configuration), Hak Cipta (Design guidelines).	KPKT, NRES, CIDB.
Sains Sosial (Social Sciences)	Psikologi (Psychology)	2→3	New theoretical model for "Cognitive Offloading" behaviour in the AI era.	Validated mental health intervention toolkit for gig economy workers — pilot tested with measurable wellbeing outcomes.	Hak Cipta (Psychometric Tool/Module), Rahsia Dagangan (Intervention protocol).	KKM, KSM.
Sains Sosial (Social Sciences)	Sosiologi (Sociology)	1	Exploring factors affecting B40 student engagement and educational persistence.	Radical "Housing First" policy model: validated framework for direct home-ownership pathways for the homeless — stakeholder consultation with 3 agencies.	Hak Cipta (Policy Model/Report), Rahsia Dagangan (Assessment methodology).	KPKT, KPM, KPWKM.
Sains Sosial (Social Sciences)	Ekonomi (Economics)	2	Theoretical model for "Circularity Metrics" applicable to Malaysian MSMEs.	Radical new targeted subsidy delivery model validated through simulation with RMK-13 data — policy brief presented to MOF.	Hak Cipta (Economic Model/Algorithm), Rahsia Dagangan (Proprietary metric system).	Kementerian Kewangan (KE), Kementerian Ekonomi, MITI.

Sains Sosial (Social Sciences)	Perniagaan dan Keusahawanan (Business & Entrepreneurship)	1→2	Exploring challenges and opportunities for EV business ecosystem sustainability in Malaysia.	Validated sustainable EV business model framework through industry co-design with 5 stakeholders.	Hak Cipta (Business Model Framework), Reka Bentuk Industri (Service design).	MITI, KUSKOP, MOT.
Sains Sosial (Social Sciences)	Pengurusan (Management / Org. Behaviour)	2	Framework for "Radical Remote Leadership" in post-pandemic public and private sectors.	PoC for a new "Flat Hierarchy" governance SOP validated with 3 GLCs through structured pilot.	Hak Cipta (Corporate SOP/Module), Rahsia Dagangan (Governance assessment tool).	JPM (JPA), KSM, Kementerian Ekonomi.
Sains Sosial (Social Sciences)	Sains Politik (Political Science)	2	New theory on "Data Sovereignty" and its implications for democratic participation in Malaysia.	Radical legislative framework for national data governance — validated through legal expert panel and constitutional analysis.	Hak Cipta (Legislative Draft/Analysis), Rahsia Dagangan (Policy assessment framework).	JPM (BHEUU), Kementerian Digital, Kementerian Komunikasi.
Sains Sosial (Social Sciences)	Geografi (Geography)	1→2	Spatial mapping and analysis of urban heat islands correlated with social vulnerability indices.	Validated community-based flood resilience framework with early warning protocol — pilot tested in 2 communities (simulation-based).	Hak Cipta (Digital Maps/Algorithm/Protocol), Inovasi Utiliti (Assessment method).	NRES, KPKT, NADMA.
Sains Sosial (Social Sciences)	Komunikasi (Communication)	2	New theory on "Algorithmic Polarization" dynamics in Malaysian social media ecosystems.	Validated SOP for government misinformation detection and response — pilot tested with 2 agencies using simulated crisis scenarios.	Hak Cipta (Software/Detection Module/SOP), Rahsia Dagangan (Detection algorithm).	Kementerian Komunikasi, Kementerian Digital, MCMC.
Sains Sosial (Social Sciences)	Antropologi dan Etnografi (Anthropology & Ethnography)	1	Conceptual framework for digital preservation of rural indigenous heritage practices.	Validated community-based conservation protocol (e.g., Gamat Emas breeding system in Langkawi) — documented with community participation.	Hak Cipta (Operational Logbook/Protocol), Petunjuk Geografi (Heritage product/practice).	MOTAC (Jabatan Warisan Negara), MOSTI, NRES.
Warisan dan Alam Sekitar (Environment and Heritage)	Pelancongan (Tourism)	2	Conceptual model for "Regenerative Tourism" in Malaysian highland ecosystems.	Validated SOP for community-led carrying capacity management in national parks — pilot framework tested at 2 sites.	Hak Cipta (Module/SOP/Assessment tool), Rahsia Dagangan (Carrying capacity methodology).	MOTAC, NRES, Komuniti Tempatan.
Warisan dan Alam Sekitar (Environment and Heritage)	Kesihatan Bumi / Alam Sekitar (Planetary Health / Environment)	2→3	Theoretical framework for the nexus of urban biodiversity and human mental health outcomes.	Proof-of-concept for urban biophilic design intervention — validated impact on wellbeing metrics in controlled community setting.	Hak Cipta (Framework/Assessment tool), Inovasi Utiliti (Design protocol).	NRES, KKM, KPKT.
Warisan dan Alam Sekitar (Environment and Heritage)	Perhutanan / Pertanian (Forestry / Agriculture)	1→2	New theory on carbon sequestration rates in secondary tropical forests using social-ecological framework.	Validated community-based sustainable farming protocol — pilot tested with 3 communities using participatory action research.	Petunjuk Geografi (Regional agricultural product), Hak Cipta (Protocol/Guidelines).	KPKM, NRES, JAKOA.
Warisan dan Alam Sekitar (Environment and Heritage)	Marin (Marine)	1→2	Understanding the socio-economic impact of ocean acidification on local artisanal fisheries communities.	Validated community-based reef stewardship framework using local ecological knowledge — pilot tested at 2 coastal communities.	Hak Cipta (Stewardship Protocol/Guidelines), Petunjuk Geografi (Marine heritage product).	KPKM (Perikanan), NRES.
Warisan dan Alam Sekitar (Environment and Heritage)	Arkeologi / Warisan / Budaya (Archaeology / Heritage / Culture)	1→2	New historical theory on early maritime migration through isotopic analysis and oral history triangulation.	Validated digital 3D documentation protocol for intangible heritage — PoC tested with 3 heritage sites/communities.	Hak Cipta (Digital Content/Protocol/SOP), Petunjuk Geografi (Heritage site/practice).	MOTAC (Jabatan Warisan Negara), Kementerian Digital.
Warisan dan Alam Sekitar (Environment and Heritage)	Kepelbagaian Biologi (Biodiversity)	1	Mapping genetic diversity of endemic flora in limestone karst forests — ethno-botanical knowledge integration.	Validated biodiversity offsetting policy framework presented to NRES for RMK-13 consideration.	Hak Cipta (Policy Paper/Database), Petunjuk Geografi (Endemic species locality).	NRES, MOSTI.

Warisan dan Alam Sekitar (Environment and Heritage)	Kulinari (Culinary Heritage)	1→2	Theoretical model for "Gastro-Diplomacy" potential of Malaysian ethnic heritage foods.	Validated heritage food production standardization protocol — pilot tested with 3 artisan producers and quality benchmarking.	Petunjuk Geografi (Heritage food product), Hak Cipta (Standardization protocol/Database), Rahsia Dagangan (Production method).	MOTAC, KUSKOP, KPT.
Warisan dan Alam Sekitar (Environment and Heritage)	Perubatan Alternatif / Tradisional (Alternative / Traditional Medicine)	1→2	Systematic documentation and classification of traditional Malay healing practices — ethno-medical knowledge mapping.	Validated safety and efficacy assessment framework for traditional medicine practices — tested with 20 practitioners and 5 pharmacology experts.	Hak Cipta (Assessment Framework/Database), Rahsia Dagangan (Practitioner knowledge documentation), Petunjuk Geografi (Regional practice).	KKM (Bahagian Perubatan Tradisional), MOSTI, NRES.
Warisan dan Alam Sekitar (Environment and Heritage)	Geomatik / Penderiaan Jauh (Geomatics / Remote Sensing)	2→3	New algorithm for high-resolution satellite monitoring of illegal logging patterns.	Validated real-time landslide risk assessment model using remote sensing data — PoC tested with historical event data and simulation.	Paten (Technical Method/Algorithm), Hak Cipta (Software).	NRES, MOSTI (MYSA), NADMA.
Warisan dan Alam Sekitar (Environment and Heritage)	Sains Angkasa (Space Science)	1→2	Theoretical study of space weather impacts on localized Malaysian micro-satellite communications.	Conceptual design and simulation of low-cost nanosatellite environmental monitoring system — computational validation.	Paten (System Design), Inovasi Utiliti (Sensor configuration), Hak Cipta (Software).	MOSTI (MYSA), Kementerian Digital.
Warisan dan Alam Sekitar (Environment and Heritage)	Geosains (Geoscience)	1	Exploratory study of geological hazard vulnerability in indigenous settlement areas — integrating traditional knowledge with geophysical data.	Validated community geological hazard awareness framework — pilot tested in 3 Orang Asli communities.	Hak Cipta (Framework/Module/Maps), Rahsia Dagangan (Assessment methodology).	NRES, JAKOA, NADMA.