

Accelerator Grant Scheme

UNIMAS HiiTech 2026 Cohort 2

[High Impact Innovation & Technology (HiiTech)]

Application Guideline for Accelerator Grant UNIMAS-HiiTech

For UNIMAS Academician / Researcher only

Details	Date
Grant Opening & Proposal submission via IRIS Incubator Grant Application Prototype Grant Application https://research.unimas.my/iris7	23 Feb 2026 - 22 Mac 2026
Proposal Evaluation & Due Diligence	23 Mac 2026 – 31 Mac 2026
UNIMAS –HiiTech	1 April 2026 – 30 September 2026

Funding:

Incubator Grant: RM 10,000.00

Prototype Grant: RM 25,000.00

Period:

1 years (12 months)

Project Requirement for Incubator & Prototype Grant:

Eligibility Requirements

a. UNIMAS as the IP Owner

The innovation **must be an Intellectual Property (IP) owned by UNIMAS.**

b. Registered Intellectual Property (IP)

The IP must be **formally registered or filed** with **MyIPO**.

*Pending filings are acceptable if accompanied by official MyIPO documentation.

c. Technology Readiness Level (TRL) ≥ 6

To qualify, the technology must achieve **TRL 6 or above**, indicating:

- Prototype successfully demonstrated in a relevant environment
- Functional validation completed
- Ready for pilot deployment or early commercialization

d. At Least One Completed Pilot Project

Applicants must provide evidence of at least **one completed pilot Research**

Submission Requirements (as provided in the Attachment Section under the Incubator Grant / Prototype Grant Application in the IRIS system)

a. Business Model Canvas (BMC)

Applicants must submit a complete BMC addressing:

- Customer segments
- Value propositions
- Channels
- Customer relationships
- Revenue streams
- Key activities
- Key resources
- Key partnerships
- Cost structure

b. Application Proposal include:

i. Executive Summary

A concise overview of the innovation, the problem addressed, and commercialization opportunity.

ii. Technology Overview & Differentiation Include:

- Technical description
- UNIMAS IP status
- Competitive advantages
- Scalability and uniqueness

iii. Market Validation Study :

- i. Intended Market Segment(s)** - Who will be engaged for validation.
- ii. Validation Methods**- e.g. Surveys, Interviews, MVP or prototype testing, Focus groups, Industry consultation
- iii. Target Stakeholders or User Groups** - e.g., customers, industry partners, community groups, regulators.
- iv. Expected Validation Outcomes** e.g. customer willingness to adopt/pay, Product-market fit indicators, Market barriers and enablers, Data supporting commercialization decisions
- v. Commercialization Strategy** Indicate preferred pathways: Licensing, Spin-off creation, Sale out Right
- vi. Risk Analysis & Mitigation** includes Technical, regulatory, operational, financial, and market risks.
- vii. Implementation Timeline** - Milestones for the next 12 months.

KPI:

Incubator Grant - applicants must fulfil all the following criteria:

- a. Full Attendance for SIX (6) Months – UNIMAS-HiiTech Programme
Participants must complete 100% attendance in the 6-month UNIMAS-HiiTech capacity-building and commercialization readiness programme.
- b. Final Report Submitted as a Fundable BMC
Applicants are required to submit a Fundable Business Model Canvas (BMC) as the final report.
The BMC must:
 - Demonstrate commercial viability
 - Show clear value propositions
 - Include validated customer segments
 - Present a feasible revenue model
- c. External Pitching Experience – Minimum of THREE (≤ 3) Events
Applicants must have pitched their innovation externally at least three (3) times, such as:
 - Industry pitch sessions
 - Government or agency demo days
 - Innovation competitions
 - Investor networking events

Prototype Grant - Applicants must meet the following criteria:

a. Full Attendance for SIX (6) Months – UNIMAS-HiiTech Programme

Participants must complete full attendance in the 6-month UNIMAS-HiiTech programme, focusing on prototype development, TRL advancement, and market validation.

b. Final Report Submitted as a Fundable BMC

A comprehensive Fundable Business Model Canvas is required, demonstrating:

- Clear market need
- Unique differentiation
- Feasible commercialization strategy
- Solid financial and costing assumptions

c. One (1) Upscale Product – Ready for Commercialisation

Applicants must demonstrate at least one (1) upscale product, meaning:

- Prototype upgraded into a commercial-ready product
- Meets industry standards or minimum viable product (MVP) criteria
- Shows readiness for licensing, spin off formation, or market entry
- Validated through user trials, testing, or certification (where applicable)

Application Procedures via <https://research.unimas.my/iris7>

TECHNOLOGY READINESS LEVEL (TRL)

TRL LEVEL	DESCRIPTION	CHARACTERISATION
TRL 1	<i>Basic Principle</i>	<ul style="list-style-type: none"> • <i>Technology research</i> • <i>Pure science begins translation to R&D</i>
TRL 2	<i>Formulation of Concept</i>	<ul style="list-style-type: none"> • <i>Early studies for application formulation.</i> • <i>Invention and Practical Application Begins.</i>
TRL 3	<i>Experimental Proof of Concept</i>	<ul style="list-style-type: none"> • <i>Analytical validation and proof of concept</i> • <i>Start active research and development</i>
TRL 4	<i>Lab validation</i>	<ul style="list-style-type: none"> • <i>Validation in laboratory environment</i> • <i>Ready to begin bridge for technology transition</i>
TRL 5	<i>Validation in real environment</i>	<ul style="list-style-type: none"> • <i>Validation in relevant environment</i> • <i>Ready to enter technology development</i>
TRL 6	<i>Demonstration in real environment</i>	<ul style="list-style-type: none"> • <i>Demonstrated in relevant environment</i> • <i>Ready to enter system development</i>
TRL 7	<i>Demonstration of prototype</i>	<ul style="list-style-type: none"> • <i>Demonstrated in operational environment</i> • <i>Ready for limited production decision</i>
TRL 8	<i>System complete and qualified</i>	<ul style="list-style-type: none"> • <i>Compliant, qualified and test/demo complete</i> • <i>Ready for operational evaluation</i>
TRL 9	<i>System proven</i>	<ul style="list-style-type: none"> • <i>Completed operational evaluation</i> • <i>Ready for full-rate</i>

1. National Aeronautics and Space Administration (NASA) Technology Readiness Level (2012)
2. Kementerian Sains, Teknologi dan Inovasi (MOSTI) (Garis Panduan Dana Penyelidikan dan Pembangunan MOSTI bertarikh 1 Januari 2021)
3. Garis Panduan Skim Geran Penyelidikan Pembangunan Prototaip (PRGS) (Pindaan Tahun 2021)