

CENTRE OF EXCELLENCE CATALYST GRANT (COE-CG)

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Chair
Frontiers of the Natural World Cluster (FNW)
21 February 2024 (Friday)

Home of the Bright, Land of the Brave
Di Sini Bermulanya Pintar, Tanah Tumpahnya Berani



**UNIVERSITI
MALAYA**

COE-CG

The Centre of Excellence Catalyst Grant (CoE-CG) is introduced **to strengthen the niche areas and visibility of Centres of Excellence (CoEs)** at local and international levels. It aligns with UM's efforts to conduct impactful collaborative research by encouraging partnerships between CoEs and external entities, such as government agencies, industries, and international institutions. These collaborations are expected to produce significant research outcomes and strategic partnerships.

This grant serves as an incentive for CoE **researchers who have successfully secured external research grants**. This grant can be used for the following purposes:

- ✓ To propose a new research project; or
- ✓ To support a portion of the external research grant's costing; or
- ✓ To supplement the existing external research grant.

OBJECTIVES

To foster **research collaboration** between CoEs and government agencies / private / industries / international partners

01

To address **global challenges** that lead to policy changes by providing a broader, evidence-based viewpoint

03



02

To enhance the **impact of CoEs solution-based** research outcomes

THEMES OF RESEARCH

Each proposed research project must be **based on the respective niche areas of the CoE:**

1. CoE Artificial Intelligence and Emerging Technologies
2. CoE Innovative Medical Devices
3. CoE Value Creation
4. CoE Micro, Small and Medium Enterprise
5. CoE Climate Preparedness and Community Resilience
6. CoE Environmental, Social & Governance (ESG)
7. CoE Food Security & Intelligent Farming
8. CoE Urban Ecosystem, Culture and Heritage
9. CoE Future Studies
10. CoE Halal Research, Training and Education
11. CoE Smart Mobility
12. CoE Aerospace Innovation
13. CoE Rare Earth Elements
14. CoE Natural Products, Biopharmaceuticals and Precision Medicine
15. CoE Future Sustainable Energy
16. CoE Biodiversity for Sustainable Economy
17. CoE Quantum Information Science and Technology
18. CoE Digital Transformation of Health

Note:

CoE that have been submitted their applications

TERMS & CONDITIONS

Open to **CoE**
members

Secured an external
research grant
(minimum RM25,000)

The PI for CoE-CG
and the PI for an
external grant
cannot be the
same

The research scope
must align with the
**niche areas of the
CoE**

The external
research grant is
**not used in
another UM
Matching Grant**

TERMS & CONDITIONS

Grant Ceiling

Up to RM100,000.00

1:1 ratio between the external research grant and CoE-CG

Duration

**24 months OR
36 months**

Members

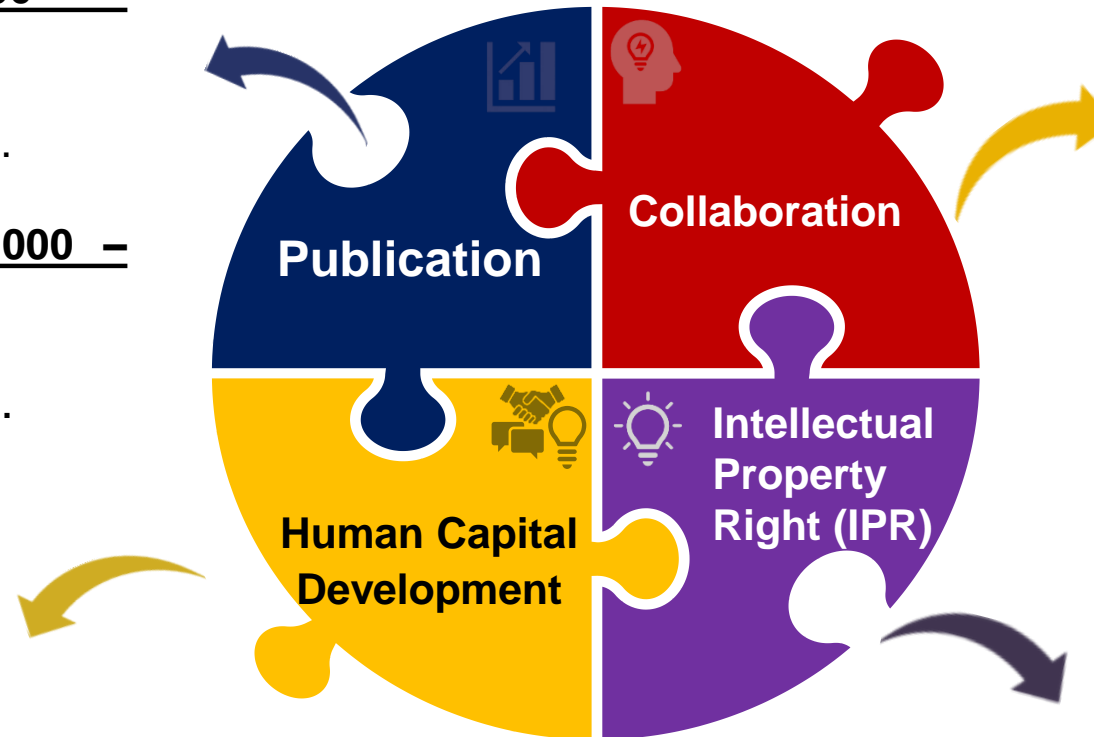
The team of the application must consist of **at least three (3) CoE members** and **any external collaborators**.

OUTPUTS

All outputs are compulsory to be fulfilled within the project period

- Funding from RM25,000 - RM50,000
Two (2) Q1 / Q2 Web of Science-indexed publications.
- Funding more than RM51,000 - RM 100,000
Four (4) Q1/Q2 Web of Science-indexed publications.

One (1) Master's or PhD graduate



At least one (1) **Memorandum of Agreement (MoA)** or **Letter of Agreement (LoA)** with a government agency, private sector entity, industry partner, or international institution.

One (1) patent or copyright under UM

HIGHLIGHTS

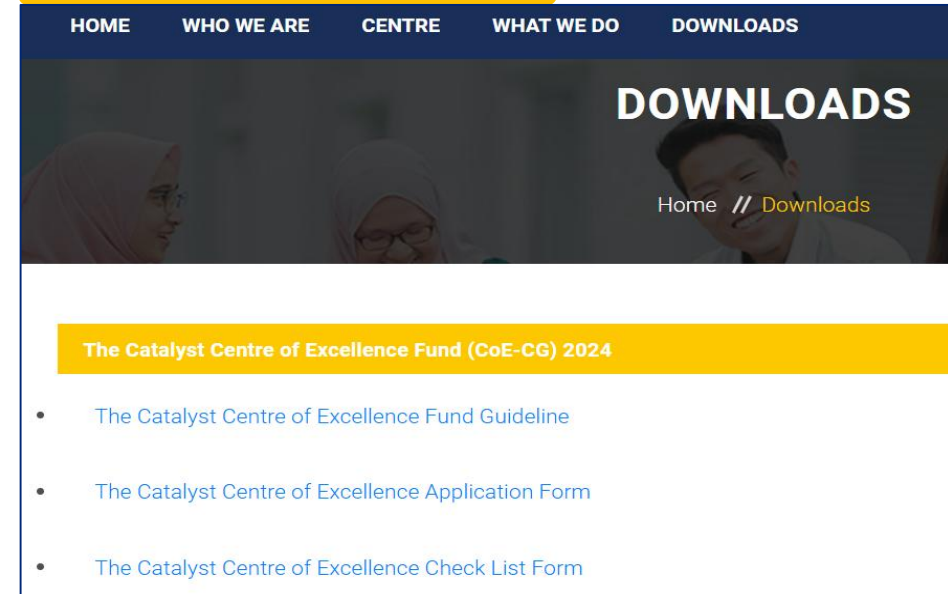
1. All related documents for your reference can be downloaded from Research Cluster Website at the following link: <https://researchcluster.um.edu.my/> then go to **DOWNLOADS**.
2. **IMPORTANT:** Please read the guidelines carefully. Pay close attention to crucial information e.g. terms & conditions, eligibility, specific type of expenses permitted / not permitted, required documentation, application deadline etc. **Incomplete applications can result in immediate disqualification.**
3. **Budget – Please plan the budget for each vote wisely and provide specific details / breakdown / justification** e.g. details of fieldwork activities (location, transportation use, number of days, number of people involve, etc.); list of research material & supplies etc.
4. **Allocation**
 - a) Vote 21000
 - A maximum of **ONE overseas visit*/conference per year** is allowed during the project duration.
 - Visit is only **allowed for meeting** with a collaborator or a collaborating institution/agency.
 - Only the **project leader or a senior co-researcher** (not a student, research assistant or postdoc) is allowed for overseas trips.
 - b) Vote 27000 – only **research materials and supplies directly related to the project** expenses are **allowed**.
 - c) Vote 29000
 - Expenses for special services directly related to the project (such as consultancy, payment for enumerators, usage of computer facilities, chemical analysis and data processing). **MUST** provide a **TOR** for the consultant.
 - The expenses for the international collaborators will not be borne under this grant

HIGHLIGHTS

5. List of document / evidence:

- a) Checklist form
- b) Application form
- a) Research flow chart
- b) Research Gantt chart & milestone
- c) Budget details for CoE-CG & external research grant
- d) External research grant offer letter
- e) Agreement document for the collaboration (if applicable)
- f) Full research proposal approved by the funder

Research Cluster Website



Note:

Applicants are required to submit:

- A **softcopy** of the application via email to researchcluster@um.edu.my
- A **hardcopy** to the Research Cluster Office at Level 7, Research Management & Innovation Complex, Universiti Malaya (attn to: Madam Sarina)



Untuk maklumat lanjut, sila hubungi
Pn. Sarina di researchcluster@um.edu.my / sambungan 7802

Thank you

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www.um.edu.my



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