

Ref Number: 

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**UNIVERSITI MALAYSIA TERENGGANU**  
**GOLDEN GOOSE RESEARCH GRANT (GGRG)**  
**APPLICATION FORM**

**A TITLE OF RESEARCH****B DETAILS OF PROJECT LEADER****B(i) Name of Project Leader:****IC / Passport Number:****B(ii) Position (Please tick (√)):** **Professor** **Assoc. Prof.** **Senior Lecturer** **Lecturer** **Research Fellow****B(iii) School/Research Institute:****B(iv) Office Telephone No.:****Handphone No.:****B(v) E-mail Address:****B(vi) Type of Service (Please tick (√)):** **Permanent** **Contract (State contract expiry date):****Date of the first appointment in UMT:**



**C(ii)** Please furnish information on academic publications that have been published by co-researchers for the last three (3) years.

Title of publication	Name of journals	Year published Year published (Including volume and page numbers)

**D DETAILS OF PROJECT**

**D(i)** Research Domain : \_\_\_\_\_

Research Sub Domain : \_\_\_\_\_

(Please refer to Appendix A, based on domains and sub domains of MOE)

**D(ii)** The following information is required for the purpose of data collection only. It will not influence the decision on the approval of your grant application.

Research Cluster : \_\_\_\_\_

(Please refer to Appendix B, based on Research Clusters of UMT)

Does your proposed research fall under UMT niche area (Ocean Studies and Aquatic Resources)?

Yes  No

<b>D(iii)</b>	<p><b>Executive Summary (maximum 300 words)</b>  (Please include the problem statement, objectives, research methodology, expected output/outcomes/implication and significance of output from the research project)</p>
<b>D(iv)</b>	<p><b>Duration of the proposed research (Maximum of 36 months):</b></p> <p><b>Duration:</b> _____</p> <p><b>From</b> : _____</p> <p><b>To</b> : _____</p>
<b>D(v)</b>	<p><b>Research background</b></p> <ol style="list-style-type: none"> <li>1. Problem statements (Start writing your problem statements here)</li> <li>2. Hypothesis (Start writing your hypothesis here)</li> <li>3. Research questions (Start writing your reserch questions here)</li> <li>4. Literature review (Start writing your literature review here)</li> </ol>
<b>D(vi)</b>	<p><b>Research objectives</b></p>

**D(vii)**

**Research Activities**

1. Research Methodology  
(Start writing your research methodology here)
2. Flow Chart of Activities (Please enclose as an Appendix C)
3. Gantt Chart of Activities (Please enclose as an Appendix D)
4. Milestones

Milestones	Expected date of achievement	Cumulative Project Completion Percentage

**E EXPECTED OUTCOMES**

- |               |   |
|---------------|---|
| <b>E(i)</b>   | <b>Research publications (Please state the expected date of manuscripts to be submitted, and, title and quartile of journals)</b> |
| <b>E(ii)</b>  | <b>Number of PhD and Masters (by research) that will be produced</b>  |
| <b>E(iii)</b> | <b>Novel theories/new findings/knowledge/invention/innovation</b>   |
| <b>E(iv)</b>  | <b>Specific or potential applications</b>   |
| <b>E(v)</b>   | <b>Others (if any) - such as IP</b>   |

**F BUDGET**

Please indicate your estimated budget for this research and details of expenditure.

Budget details	Amount requested by applicant				Amount approved by DVC (R&I) [Please indicate the overall budget]
	Year 1 (RM)	Year 2 (RM)	Year 3 (RM)	Total (RM)	
<b>Vote 11000 - Salary/Wages</b> Please specify					
<b>Vote 21000 - Travelling and Transportation</b> Please specify					
<b>Vote 24000 - Rental</b> Please specify					
<b>Vote 27000 - Research Materials &amp; Supplies</b> Please specify					
<b>Vote 29000 - Professional Services</b> Please specify					
<b>TOTAL AMOUNT</b>					

**G DECLARATION BY THE APPLICANT**

Please tick (√)

I hereby declare that:

All information stated herein are accurate. UMT have the right to reject or cancel the offer without prior notice if there is any inaccurate information provided.

Date :

Applicant's Signature : \_\_\_\_\_

Endorsement by the Dean/Director:

Signature :

Date:

**H COMMENT BY RESEARCH MANAGEMENT AND INNOVATION CENTRE**

**Comments (if any):**

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**Form Checking**

**Please tick (√)**

COMPLETE

NOT COMPLETE

**Signature & Cop:**

**Date:**



**I APPROVAL BY DEPUTY VICE-CHANCELLOR (RESEARCH AND INNOVATION)**

**Comments:**

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**Name:**

**Signature:**

**Date:**

**Note: APPLICATIONS SUBMITTED WILL BE TREATED IN FULL CONFIDENCE.**

**APPENDIX A**

**RESEARCH DOMAIN/SUB RESEARCH DOMAIN**

NO.	RESEARCH DOMAIN	SUB RESEARCH DOMAIN
1.	<b>PURE AND APPLIED SCIENCE</b>	<ul style="list-style-type: none"> <li>• Biochemistry</li> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Geology</li> <li>• Geoscience</li> <li>• Materials Science</li> <li>• Mathematics and Statistics</li> <li>• Physics</li> </ul>
2.	<b>SOCIAL SCIENCES</b>	<ul style="list-style-type: none"> <li>• Business [incl. Accounting, Finance &amp; Marketing]</li> <li>• Anthropology</li> <li>• Communication</li> <li>• Economics</li> <li>• Ethnography</li> <li>• Geography</li> <li>• Management [Organisational Behaviour, Entrepreneurship]</li> <li>• Political Science</li> <li>• Psychology</li> <li>• Sociology</li> </ul>
3.	<b>NATURAL AND CULTURE HERITAGE</b>	<ul style="list-style-type: none"> <li>• Agriculture</li> <li>• Alternative Medicine</li> <li>• Archaeology</li> <li>• Biodiversity</li> <li>• Built Environment</li> <li>• Culinary</li> <li>• Culture</li> <li>• Environment</li> <li>• Ethnography</li> <li>• Forestry</li> <li>• Geoscience</li> <li>• Marine</li> <li>• Tourism</li> </ul>

4.	<b>TECHNOLOGY AND ENGINEERING</b>	<ul style="list-style-type: none"> <li>• Aerospace</li> <li>• Chemical and Process Engineering</li> <li>• Civil and Structural</li> <li>• Construction and Construction Materials</li> <li>• Electrical and Electronic</li> <li>• Energy</li> <li>• Green Technology</li> <li>• Infrastructure and Transportation</li> <li>• Material and Polymer</li> <li>• Mechanical &amp; Manufacturing</li> </ul>
5.	<b>INFORMATION AND COMMUNICATION TECHNOLOGY</b>	<ul style="list-style-type: none"> <li>• Artificial Intelligence</li> <li>• Computer Networks</li> <li>• Hardware Design</li> <li>• Information System</li> <li>• Software</li> <li>• Theory of Computation</li> </ul>
6.	<b>CLINICAL AND HEALTH SCIENCES</b>	<ul style="list-style-type: none"> <li>• Basic Medical Sciences</li> <li>• Clinical Studies</li> <li>• Community Medicine</li> <li>• Dental</li> <li>• Health Science</li> <li>• Medical Microbiology</li> <li>• Medicine</li> <li>• Nursing</li> <li>• Oncology</li> <li>• Parasitology</li> <li>• Pathology</li> <li>• Pharmacology</li> <li>• Pharmacy</li> <li>• Preventive Medicine</li> <li>• Surgery</li> </ul>

<b>7.</b>	<b>ARTS AND APPLIED ARTS</b>	<ul style="list-style-type: none"><li>• Art</li><li>• Built Environment</li><li>• Civilization</li><li>• Culture</li><li>• Education</li><li>• Environment</li><li>• History</li><li>• Language and Linguistic</li><li>• Literature</li><li>• Philosophy</li><li>• Policies and Law</li><li>• Religion</li></ul>
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## UMT'S RESEARCH CLUSTER

NO.	CLUSTER	SUB CLUSTER
1.	<b>SAINS KELAUTAN DAN PERSEKITARAN LESTARI</b> <i>OCEAN SCIENCE AND SUSTAINABLE ENVIRONMENT</i>	<ul style="list-style-type: none"> <li>• Oseanografi</li> <li>• Ekosistem Marin</li> <li>• Pengurusan Sumber Asli</li> <li>• Alam Sekitar</li> <li>• Biodiversiti dan Pemuliharaan</li> </ul>
2.	<b>JAMINAN MAKANAN</b> <i>FOOD SECURITY</i>	<ul style="list-style-type: none"> <li>• Perikanan</li> <li>• Sains Makanan</li> <li>• Akuakultur</li> </ul>
3.	<b>DATA DAN SAINS DIGITAL</b> <i>DATA AND DIGITAL SCIENCES</i>	<ul style="list-style-type: none"> <li>• <i>Applied informatics</i></li> <li>• <i>Fundamental</i></li> <li>• Data</li> <li>• ICT</li> <li>• IR 4.0</li> </ul>
4.	<b>SAINS, KEJURUTERAAN DAN TEKNOLOGI</b> <i>SCIENCE, ENGINEERING AND TECHNOLOGY</i>	<ul style="list-style-type: none"> <li>• Sains,</li> <li>• Kejuruteraan</li> <li>• Teknologi</li> <li>• Tenaga Diperbaharui</li> </ul>
5.	<b>MARITIM DAN SAINS KOMUNITI</b> <i>MARITIME AND COMMUNITY SCIENCES</i>	<ul style="list-style-type: none"> <li>• Maritim</li> <li>• Komuniti</li> <li>• Pengurusan</li> <li>• Sains Sosial</li> <li>• Ekonomi</li> <li>• Perakaunan</li> <li>• Pembangunan Sumber Manusia</li> </ul>