

**GUIDELINE
UTM ENCOURAGEMENT RESEARCH (UTMER) 2019**

ITEM	DESCRIPTION
Objective	<ol style="list-style-type: none"> 1. Basic exposure in research for new researcher. 2. To encourage academic staff to lead research project and contribute to RU KPI. 3. To increase number of competitive proposal.
Application Requirements	<ol style="list-style-type: none"> 1. Principal investigator can be any permanent or contract academic staff in UTM with grade DS51/52 or below; 2. For contract academic staff, project team members must include at least ONE (1) permanent academic staff 3. Minimum 2 team members for each project 4. Proposal must inline with UTM niche area (Appendix A)
Grant Concept	Single Project
Duration	Maximum 2 years
Grant amount	<ol style="list-style-type: none"> 1. Maksimum allocation : <ol style="list-style-type: none"> i. S&T : RM 30,000 ii. Non S&T : RM 15,000 2. Allocation will be disbursed on a yearly basis based on performance.
Research Location	The project can only be carried out in Malaysia
Expected Output	<ol style="list-style-type: none"> 1. Two (2) Book Chapter OR 2. One (1) Research Book OR 3. One (1) Indexed Journal (Scopus or Web of Science)
Application Process	All applications must be submitted ONLINE through RADIS
Proposal Evaluation	<ol style="list-style-type: none"> 1. The assessment process will be carried out by the Research Alliance. 2. The researcher must ensure only high quality proposals and meet the requirements are submitted for assessment. 3. Selected proposals will be approved in the Research Proposal Assessment Panel Meeting.
Result	The decision of assessment and selection of the proposal is final.

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Project Monitoring	<ol style="list-style-type: none"> 1. The monitoring process will be carried out every June and December of each calendar year. 2. 2nd year allocations will be disbursed based on the progress report findings and recommendations. 3. Each project must achieve the following milestone and financial performance for 2nd year disbursement 						
	<table border="1"> <thead> <tr> <th>Disbursement</th> <th>Milestone</th> <th>Financial</th> </tr> </thead> <tbody> <tr> <td>2nd Year</td> <td>50%</td> <td>75% of the 1st year disbursed amount</td> </tr> </tbody> </table>	Disbursement	Milestone	Financial	2nd Year	50%	75% of the 1 st year disbursed amount
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APPENDIX 1

UTM Niche Area

NICHE AREA	RESEARCH ALLIANCE
1. Advancement in Materials Engineering	Frontier Material
2. Advanced Filtration Technology	Frontier Material
3. Smart Manufacturing & Automation	Frontier Material
4. Bioproduct & Biomanufacturing	Health & Wellness
5. Bioenergy & Environmental	Health & Wellness
6. Medical devices & Health Informatics	Health & Wellness
7. Sustainable & Resilient Infrastructure	Innovative Engineering
8. Networking & Telecommunications	Innovative Engineering
9. Green Vehicle	Innovative Engineering
10. Water & Wastewater	Resource Sustainability
11. Energy	Resource Sustainability
12. Resource Recovery	Resource Sustainability
13. Sustainable Practices	Resource Sustainability
14. Ecosystem Services	Resource Sustainability
15. Climate Change	Resource Sustainability
16. Education	Smart Digital Community
17. Social Economic & Wellbeing	Smart Digital Community