

**GUIDELINE
UTM HIGH IMPACT RESEARCH (UTMHR) GRANT 2019**

Item	Description						
Introduction	A grant initiative to encourage more impactful projects with output not only from academic perspectives (human capital, publications, etc.) but also direct output that is applicable to the communities.						
Objectives	<ol style="list-style-type: none"> 1. To encourage researchers to engage in research beyond purely academic boundaries 2. To encourage more impactful research output & outcome to communities. 						
Grant Specific Requirement	<ol style="list-style-type: none"> 1. Principal investigator can be any permanent or contract academic staff in UTM of all levels with good citation/publication track records within previous 3 years. 2. For contract academic staff, project team members must include at least ONE (1) permanent academic staff 3. Project Leader must have H-Index 10 or above 4. Minimum 2 team members for each project 5. Proposal must inline with UTM niche area (Appendix A) 6. Need to appoint 1 PhD or 2 Master students as GRA 						
UTMHR Grant Concept	Single Project						
Duration	Maximum 3 years						
Grant Value	<ol style="list-style-type: none"> 1. Maximum RM 150,000 / project 2. Allocation will be disbursed on a yearly basis based on performance. 3. Allocation for V11000 if appoint PhD GRA is between RM54,000 and RM72,000 (Min RM 1500/month – Max RM2000/month GRA allowance) 4. Allocation for V11000 if appoint Master GRA is between RM62,400 and RM86,400 (Min RM 1300*2/month – Max RM1800*2/month GRA allowance) <p><i>*No virement allowed for V11000</i></p>						
Research Location	The project can only be carried out in Malaysia						
Expected Output/ KPI	<ol style="list-style-type: none"> 1. Output for the project are as follows: <table border="1" data-bbox="496 1592 1436 1854" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th data-bbox="496 1592 967 1655">Item</th> <th data-bbox="967 1592 1436 1655">Output</th> </tr> </thead> <tbody> <tr> <td data-bbox="496 1655 967 1756">Number of Articles in Indexed Journals</td> <td data-bbox="967 1655 1436 1756">At least two (2) Q1/Q2 indexed publications</td> </tr> <tr> <td data-bbox="496 1756 967 1854">Human Capital</td> <td data-bbox="967 1756 1436 1854">One (1) PhD or Two (2) Master by Research students</td> </tr> </tbody> </table> 	Item	Output	Number of Articles in Indexed Journals	At least two (2) Q1/Q2 indexed publications	Human Capital	One (1) PhD or Two (2) Master by Research students
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Application Process	All applications must be submitted ONLINE through RADIS						

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Evaluation Process	<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	<ol style="list-style-type: none"> 1. The decision of assessment and selection of the proposal is final. 									
Monitoring/ Reporting	<ol style="list-style-type: none"> 1. The monitoring process will be carried out every June and December of each calendar year. 2. 2nd and 3rd 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 and 3rd year disbursement <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Disbursement</th> <th style="text-align: center;">Milestone</th> <th style="text-align: center;">Financial</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">2nd Year</td> <td style="text-align: center;">33%</td> <td style="text-align: center;">75% of the 1st year disbursed amount</td> </tr> <tr> <td style="text-align: center;">3rd Year</td> <td style="text-align: center;">66%</td> <td style="text-align: center;">75% of the 2nd year disbursed amount</td> </tr> </tbody> </table>	Disbursement	Milestone	Financial	2nd Year	33%	75% of the 1 st year disbursed amount	3rd Year	66%	75% of the 2 nd year disbursed amount
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Appendix A

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