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|   **UNIVERSITI MALAYA IMPACT-ORIENTED INTERDISCIPLINARY** **RESEARCH GRANT PROGRAMME (IIRG) CYCLE 4/2021****SUB-PROGRAMME**[Incomplete Form will be rejected] |
| **A** | **TITLE OF PROPOSED RESEARCH/***TAJUK PENYELIDIKAN* |
| **A(i)** | **Title of Proposed Research Sub-Programme (Project):** *Tajuk Sub-Program (Projek) Penyelidikan yang Dicadangkan:* |
| **B** | **DETAILS OF SUB-PROGRAMME LEADER** / *MAKLUMAT KETUA SUB-PROGRAM* |
| **B(i)** | **Name of Sub-Programme Leader: IC / Passport Number:***Nama Sub-Ketua Program: No. Kad Pengenalan/ Pasport:* |
| **B(ii)** | **Are you an active IIRG recipient?** *Adakah anda penerima IIRG yang masih aktif?*

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| **No/***Tidak* |  |

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| **Yes/***Ya* |  | **Grant No./***No. Geran***:**  |

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| **B(iii)** | **Position (Please tick** *( √ )***):***Jawatan (Sila tanda ( √ )*)*:* **Professor Assoc. Prof. Senior Lecturer Lecturer**  *Profesor Prof. Madya Pensyarah Kanan Pensyarah* |
| **B(iv)** | **Faculty /Department/Centre/Unit (Please provide full address):***Fakulti /Jabatan /Pusat/Unit (Sila nyatakan alamat penuh):* |
| **B(v)** | **Office Telephone No.: Handphone No.:***No. Telefon Pejabat: No. Telefon Bimbit:* |
| **B(vi)** | **E-mail Address:***Alamat e-mel:* |
| **B(vii)** | **Date of First Appointment with this University:***Tarikh mula berkhidmat dengan Universiti ini****:*** |
| **B(viii)** | **Type of Service (Please tick** *( √ )***):***Jenis Perkhidmatan (Sila tanda ( √ )):* **Permanent Contract (State contract expiry date):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** *Tetap Kontrak (Nyatakan tarikh tamat kontrak)*: |
| **B(ix)** | **Latest CV & Researchers’ Profile (maximum 1 page each- Please use attached template for the profile and enclose in the Appendix)** *CV Terkini & Profile Penyelidik**(maksimum 1 muka surat bagi setiap dokumen - Sila gunakan template yang telah disediakan bagi profil penyelidik dan lampirkan di bahagian Apendiks)* |
| **C** | **RESEARCH INFORMATION /** *MAKLUMAT PENYELIDIKAN* |
| **C(i)** | **Name of Research Institute/Centre/Laboratory/Group:***Nama Institut/Pusat/Makmal/Kumpulan Penyelidikan :*  |
| **C(ii)** | **Location of Research Institute/Centre/Laboratory/Group:***Lokasi Institut/Pusat/Makmal/Kumpulan Penyelidikan:* |
| **C(iii)** | **Duration of Research Programme (maximum 24 months):***Tempoh masa program penyelidikan (Maksimum 24 bulan):***Tempoh: \_\_\_\_\_\_\_\_\_\_\_ / \_\_\_\_\_\_\_\_\_ (month / year)***Duration:*

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| ***From:*** |  |  |  |  ***To:*** |  |  |
| *Dari:* | **Bulan**/*Month* | **Tahun**/*Year* |  | *Hingga:* | **Bulan**/*Month* | **Tahun**/*Year* |

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| **C(iv)** | **Team Members:***Ahli-ahli kumpulan:*

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| No. | Name/*Nama* | Faculty/*Fakulti* | H-Index | Citations | No. of Publication\*\*/*Bil. Penerbitan* | Contribution to research/*Sumbangan kepada penyelidikan* |
| **Sub-Programme Leader***Ketua Program* |  |  |  |  |  |  |
| **Co-Researcher 1***Penyelidik Bersama 1* |  |  |  |  |  |  |
| **Co-Researcher 2***Penyelidik Bersama 2* |  |  |  |  |  |  |

\*\* For the past 5 years and **MUST** be relevant to the proposed programme.Kindly attach the latest CV for all co-researchers (internal & external). |
| **D** | ***RESEARCH DETAILS / BUTIRAN PENYELIDIKAN*** |
|  | **Detailed Proposal of Research Sub-Programme :***Maklumat cadangan sub-program penyelidikan secara terperinci:*1. **Abstract (maximum 150 words)** *Abstrak (maksimum 150 patah perkataan)*
2. **Graphical Abstract (maximum 1 page-A4)(Please use attached template and enclose in the Appendix)** *Abstrak grafik (maksimum 1 muka surat-A4)(Sila gunakan template dan lampirkan di bahagian Apendiks)*
3. **Research background including Introduction /Hypothesis /Research Questions and Literature Reviews**. *Keterangan latar belakang penyelidikan termasuk Pengenalan/kenyataan hipotesis / persoalan penyelidikan dan kajian literatur*.
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| **D(i)** | 1. **SMART Objective (s) of the Research/ SMART Objektif Penyelidikan\*\***

**SMART** i.e. specific, measurable, achievable, realistic and timely**SPECIFIC:** outline in a clear statement precisely what is required.**MEASURABLE**: include a measure to enable you to monitor progress and to know when the objective has been achieved.**ACHIEVABLE**: objectives can be designed to be challenging, but it is important that failure is not built into objectives. Employees and managers should agree to the objectives to ensure  commitment to them.**REALISTIC:** focus on outcomes rather than the means of achieving them**TIMELY**(or time-bound): agree the date by which the outcome must be achieved.1. **Methodology**/ *Kaedah penyelidikan:*

**Please state in the form** / *Sila nyatakan di borang ini*1. **Description of Methodology/***Metodologi Penyelidikan*
2. **Flow Chart of Research Activities (Please enclose in the Appendix)/***Carta Alir Aktiviti Penyelidikan (Sila lampirkan di Bahagian Apendiks)*
3. **Gantt Chart of Research Activities (Please enclose in the Appendix)/***Carta Gantt Aktiviti Penyelidikan (Sila lampirkan di Bahagian Apendiks)*
4. **Milestones and Dates/***Sasaran dan Tarikh*
 |
| **E** | **ACCESS TO EQUIPMENT AND MATERIAL /** *KEMUDAHAN SEDIA ADA UNTUK KEGUNAAN BAGI PENYELIDIKAN INI* |
|  | **Equipment** *Peralatan* | **Location***Tempat* |
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| **F** | **BUDGET***/BELANJAWAN* |
|  | **Please indicate your estimated budget for this research and details of expenditure*****(Please refer to Guideline)****Sila nyatakan anggaran bajet bagi cadangan penyelidikan ini dan berikan butir-butir perbelanjaan dengan lengkap (Sila rujuk Garis Panduan)* |
| **Budget details***Butiran belanjawan* | **Amount requested***Jumlah yang dipohon* |
| **Year 1***Tahun 1*(RM) | **Year 2***Tahun 2*(RM) | **Total***Jumlah* (RM) |
| **F(i)** | **Vote 11000 -** **Salary and wages***Upah dan Elaun* Untuk Pembantu Penyelidik Siswazah (GRA)Please specify*Sila nyatakan secara lengkap dengan pecahannya sekali.* |  |  |  |
| **F(ii)** | **Vote 21000 -** **Travelling and Transportation/***Perjalanan dan Pengangkutan*Please specify*Sila nyatakan secara lengkap dengan pecahannya sekali.* |  |  |  |
| **F(iii)** | **Vote 24000 -** **Rental***Sewaan*Please specify*Sila nyatakan secara lengkap dengan pecahannya sekali* |  |  |  |
| **F(iv)** | **Vote 27000 -** **Research Materials & Supplies** *Bekalan dan Bahan Penyelidikan*Please specify*Sila nyatakan secara lengkap dengan pecahannya sekali.* |  |  |  |
| **F(v)** | **Vote 28000 -** **Maintenance and Minor Repair Services***Baik pulih kecil dan ubahsuai*Please specify*Sila nyatakan secara lengkap dengan pecahannya sekali.* |  |  |  |
| **Fvi)** | **Vote 29000 -** **Professional Services** *Perkhidmatan Ikhtisas*Please specify*Sila nyatakan secara lengkap dengan pecahannya sekali.* |  |  |  |
| **TOTAL AMOUNT (RM)***JUMLAH BESAR (RM)* |  |  |  |
| **G** | **Declaration by Sub-Programme Leader /** *Akuan Ketua Sub-Program***(Please tick *( √ )*):/** *(Sila tanda ( √ )):* |
|  | **I hereby declare that:***Saya dengan ini mengaku bahawa:*1. **All information stated here is accurate, UM has the right to reject or to cancel the offer without prior notice if there is any inaccurate information given.**

*Semua maklumat yang diisi adalah benar, UM berhak menolak permohonan atau membatalkan tawaran pada bila-bila masa sekiranya keterangan yang dikemukakan adalah tidak benar.*1. **Application of this research is presented for the UM Interdisciplinary Research Programme.**

*Permohonan projek penyelidikan ini dikemukakan untuk memohon peruntukan di bawah Program Penyelidikan Interdisiplin UM.*1. **Application of this research is also presented for the other research grant/s**

**(grant’s name and total amount)***Permohonan projek penyelidikan ini juga dikemukakan untuk memohon peruntukan geran penyelidikan dari (nama geran dan jumlah dana)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*1. **I have read, understood and will implement all requirements stipulated in the UM Safety & Research Handbook and Code of Research Ethics. Failure to do so will result in disqualification of my application.**

*Saya telah membaca, memahami dan akan melaksanakan semua keperluan dalam UM Safety & Research Handbook dan Kod Etika Penyelidikan. Kegagalan berbuat demikian akan menyebabkan permohonan saya ditolak.***Date : Sub-Programme Leader’s Signature :***Tarikh : Tandatangan Ketua Sub-Program : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* |
| **H** | **Recommendation by Dean of Research Cluster***Perakuan oleh Dekan Kluster Penyelidikan*  |
|  | **Please tick (***√* **) /***Sila tandakan (√)* **Recommendation:***Perakuan:* **A. Recommended**  *Disokong*  **B. Not Recommended (Please specify reason)**  *Tidak Disokong (Sila Nyatakan Sebab)* **Comments:***Ulasan:***Name: Signature:***Nama: Tandatangan:***Date:***Tarikh:* |

