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| **Kod Projek :** |  |

**(Diisi oleh CRIM)**



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| CENTER FOR RESEARCH AND INNOVATION MANAGEMENT  SHORT TERM RESEARCH GRANT  **APPLICATION FORM**  *[Pindaan 1/2018]* | |
| **A** | **TITLE OF PROPOSED RESEARCH:**  *Tajuk penyelidikan yang dicadangkan :* |
| **B** | **DETAILS OF RESEARCHER** / *MAKLUMAT PENYELIDIK* |
| **B(i)** | Name of Principal Investigator:  *Nama Penyelidik Utama:*  **Identity card no.:**  *No. Kad Pengenalan* |
| **B(ii)** | **Position (Please tick):**  *Jawatan (Sila tanda):*    **Professor** **Associate Professor** **Lecturer** **Others (please specify)**  *Profesor*  *Prof. Madya* *Pensyarah Lain-lain(sila nyatakan)*    **Tarikh Pemohon Mendaftar Bertugas di UTeM (jika kurang 2 tahun) : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **B(iii)** | **Faculty / Center :**  *Fakulti / Pusat*  **Research Group (Name and Code)** : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  *Kumpulan Penyelidikan (Nama dan Kod) :*  **Research Center of Excellent : CeTRI CeRIA AMC C-ACT CARE C-TED**  *Pusat Kecemerlangan Penyelidikan* |
| **B(iv)** | **Office Telephone No.:** **Handphone No.:**  *No. Telefon Pejabat No. Telefon Bimbit:* |
| **B(v)** | **E-mail Address:**  *Alamat e-mel:* |
| **B(vi)** | **Type of Service (Please circle):**  *Jenis Perkhidmatan(Sila bulatkan):*  **Permanent Contract (State contract expiry date):**  *Tetap (Nyatakan tempoh tamat PhD hingga kini): Kontrak (Nyatakan tarikh tamat kontrak)*:    ­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| **C** | **RESEARCH INFORMATION /** MAKLUMAT PENYELIDIKAN | | | | | | |
| **C(i)** | **Research Area (Please tick)**:  *Bidang Penyelidikan (Sila tanda ( √ )):*    **A. Green Technology**  Teknologi Hijau      **B. Emerging Technology**  *Teknologi*    **C. System Engineering**  *Sistem Kejuruteraan*   1. **Human Technology Interaction**   Teknologi | | | | | | |
| **C(ii)** | **Duration of this research (Maximum 18 months):**  *Tempoh masa penyelidikan ini (Maksimum 18 bulan):*  **Duration: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** (months / bulan)  *Tempoh* :    **From : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** (1 October 2013)  *Dari* :  **To : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  *Hingga* : | | | | | | |
| **C(iii)** | **Co-Researchers:**  *Ahli-ahli penyelidik lain yang* ***mempunyai kepakaran*** *berkaitan, maksima 4 orang (multifakulti)*  *(Please include curriculum vitae if necessary)* | | | | | | |
|  | **Name**  *Nama* | **IC No.**  *No. ID* | **Faculty/ Centre/** | **Designation**  *Jawatan* | **Tel./HP No.**  *No. Tel./HP* | **Signature**  *Tandatangan* |
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| **C(iv)** | **Research projects that have been completed or ongoing by researchers that related to this proposed project. Please provide title of research, duration, year commence and year ending.**  *Sila sediakan maklumat termasuk tajuk, tempoh, tahun mula dan tahun tamat bagi penyelidikan yang sedang/telah dijalankan oleh penyelidik-penyelidik di dalam tempoh* ***tiga tahun terakhir,*  yang ada kaitan dengan projek yang sedang dipohon**. | | | | | | | |
| **Title of research**  *Tajuk penyelidikan* | **Project No.**  *No. Projek* | | | **Duration** *Tempoh* | | **Beginning year**  *Tarikh mula* | **Ending year**  *Tarikh tamat* |
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| **C(v)** | **Executive Summary of Research Proposal (maximum 300 words)**  **(Please include the background of research, literature reviews, objectives, research methodology and expected outcomes from the research project)**  *Ringkasan Cadangan Eksekutif Penyelidikan (maksima 300 patah perkataan)*  *(Meliputi latar belakang penyelidikan, kajian literatur, kaedah penyelidikan, objektif dan jangkaan hasil penyelidikan)* | | | | | | | |
| **C(vi)** | **Detailed proposal of research project:**  *Cadangan maklumat penyelidikan secara terperinci:*   1. **Research background including Hypothesis /Research Questions and Literature Reviews**. *Keterangan latar belakang penyelidikan termasuk kenyataan hipotesis / persoalan penyelidikan dan kajian literatur*.     **(b) Objective (s) of the Research**  *Objektif Penyelidikan*  **Example** /*Contoh:*   1. To investigate ...... 2. To assess.......... 3. To investigate ...... 4. To make recommendation based on ......................   **(c)Research Methodology**  *Kaedah penyelidikan*  **Please state in the form** / *Sila nyatakan di borang ini*   1. ***Description of Methodology*** 2. ***Flow Chart of Research Activities ( Please enclose in the Appendix)*** 3. ***Gantt Chart of Research Activities (Please enclose in the Appendix)*** 4. ***Milestones and Dates***   **(d) Expected Results/Benefit**  *Jangkaan Hasil Penyelidikan*   1. ***Novel theories/New findings/Knowledge*** 2. ***Research Publications*** 3. ***Specific or Potential Applications (if any)*** 4. ***Number of Masters/PhD (by research) Students (if any)*** | | | | | | | |
| **D** | **ACCESS TO EQUIPMENT AND MATERIAL (PLEASE LIST IN DETAIL) /** *KEMUDAHAN SEDIA ADA UNTUK KEGUNAAN BAGI PENYELIDIKAN INI (SILA SENARAIKAN DENGAN TERPERINCI)* | | | | | | | |
|  | **University**  *Universiti* | | **Other Sources or Places**  *Lain-lain tempat/sumber* | | | | | |
| **Example */*** *Contoh****:***  ***Equipments:***    *Incubator, Heater and Stirrer, Freeze dryer, Autoclave, Fridge, Analytical Weight, Miliopore,*  *Computer with antioxidant software, Microtiter plate reader, Fume hood, Cold Room, Automated Tissue Processor, Microtome, Waxing machine, Histology waterbath, Light Microscope,Centrifuge, Microcentrifuge,Computer with COMET software, Nikon camera,Polaroid MP-4 Land camera,*  *Computer with SPSS version 13, Refrigerator,*  *Pipettor , Homogenizer.* | |  | | | | | |
| **E** | **BUDGET***/BELANJAWAN* | | | | | | | |
|  | **Please indicate your estimated budget for this research and details of expenditure according to the guidelines attached.**  *Sila nyatakan anggaran bajet bagi cadangan penyelidikan ini dan berikan butir–butir perbelanjaan lengkap dengan berpandukan kepada garis panduan yang dilampirkan.* | | | | | | | |
| **Budget details**  *Butiran belanjawan* | | | **Amount requested by applicant (RM)**  *Jumlah yang dipohon*  *(RM)* | | **Amount approved by Deputy Vice Chancellor** *Jumlah yang diluluskan oleh TNCPI* | | |
| **E(i)** | **Vot 29000 -**  **Temporary & Contract Personnel**  *Elaun GRA/ SRA*  Sila nyatakan secara lengkap dengan pecahannya sekali. | | |  | |  | | |
| **E(ii)** | **Vot 21000 –** Siling RM4,000  **Travelling Expenses and Subsistence/**  *Perbelanjaan Menghadiri Seminar (Termasuk perjalanan, penginapan dan yuran pendaftaran) dan/atau latihan teknikal/khas.*  Sila nyatakan secara lengkap dengan pecahannya sekali | | |  | |  | | |
| **E(iii)** | **Vot 24000 -**  **Rental**  *Sewaan*  Sila nyatakan secara lengkap dengan pecahannya sekali | | |  | |  | | |
| **E(iv)** | **Vot 27000 -**  **Research Meterials & Supplies**  *Bekalan & bahan-bahan lain*  Sila nyatakan secara lengkap dengan pecahan nya sekali. | | |  | |  | | |
| **E(v)** | **Vot 28000 -**  **Maintenance and Minor Repair Services**  *Penyelenggaraan dan Pembaikan Kecil yang dibeli*  Sila nyatakan secara lengkap dengan pecahan nya sekali. | | |  | |  | | |
| **E(vi)** | **Vot 29000 –** (Siling 10% daripada bajet dipohon atau maksima RM3,000 sahaja)  **Special Services**  *Perkhidmatan Ihktisas, Yuran Penerbitan Jurnal selepas mendapat kelulusan CRIM dan perkhidmatan lain termasuk hospitaliti / enumerator.* Sila nyatakan secara lengkap dengan pecahannya sekali | | |  | |  | | |
| **E(vii)** | **Vot 35000 –** Siling Jumlah (Vot35000 + Vot36000) adalah tidak lebih 40% daripada bajet dipohon  **Special Equipment (Fix Asset)**  Sila nyatakan secara lengkap dengan pecahannya sekali | | |  | |  | | |
| **Vot 36000 -**  **Accessories (Inventory)**  Sila nyatakan secara lengkap dengan pecahannya sekali | | |  | |  | | |
|  | **TOTAL AMOUNT**  *JUMLAH BESAR* | | |  | |  | | |

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| **F (i)** | **Perakuan Pemohon** |
|  | ***Tarikh* : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Tandatangan Pemohon : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  *Cop Jawatan* |
| **F (ii)** | **Perakuan CoE** |
|  | *Sila tandakan ( √ )*   1. **Recommended With Amendment *(****Disokong dengan penambahbaikan)* 2. **Recommended** *(Disokong)* 3. **Not Recommended** *(Tidak Disokong)*   **Comments:**  *Ulasan umum:*  --------------------------------------------------------------------------------------------------------------------------------------------  --------------------------------------------------------------------------------------------------------------------------------------------  **Name: Signature:**  *Nama: Tandatangan dan cop jawatan:* |
| **F(iii)** | **Perakuan oleh Panel Penilai Peringkat Universiti** |
|  | *Sila tandakan ( √ )*  **A.Approved**  *Diluluskan*  **B. Not Approved**  *Tidak Diluluskan*  **Catatan**  --------------------------------------------------------------------------------------------------------------------------------------------  --------------------------------------------------------------------------------------------------------------------------------------------  **Name: Signature:**  *Nama: Tandatangan:* |

**Nota: Semua permohonan dianggap sulit. Keputusan Timbalan Naib Canselor adalah MUKTAMAD.**

**Borang Permohonan ini adalah pengubahsuaian yang dibuat ke atas borang permohonan geran KPT**