|  |  |
| --- | --- |
| **Ruj. Fail :** |  |
| **Kod Projek :** |  |

**(Diisi oleh PPPI)**

PINDAAN 2021

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **UNIVERSITI PERTAHANAN NASIONAL MALAYSIA**  ***PUSAT PENGURUSAN PENYELIDIKAN DAN INOVASI***  C:\Users\UPNM\Desktop\Logo Baru UPNM.jpg  SELF-FUND  **APPLICATION FORM**  *[Incomplete form will be rejected]* | | | | | | | | | | | |
| **A** | **TITLE OF PROPOSED RESEARCH:**  *Tajuk penyelidikan yang dicadangkan :* | | | | | | | | | | |
| **B** | **DETAILS OF RESEARCHER** / *MAKLUMAT PENYELIDIK* | | | | | | | | | | |
| **B(i)** | Name of Project Leader: Identity card no.:  *Nama Ketua Projek:* *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)*  DS/DG:    --------------------------------- --------------------------------- | | | | | | | | | | |
| **B(iii)** | **Faculty /School/Centre/Unit (Please provide full address):**  *Fakulti /Jabatan /Pusat/Unit (Sila nyatakan alamat penuh):* | | | | | | | | | | |
| **B(iv)** | **Office Telephone No.:** **Handphone No.:**  *No. Telefon Pejabat: No. Telefon Bimbit:* | | | | | | | | | | |
| **B(v)** | **E-mail Address:**  *Alamat e-mel:* | | | | | | | | | | |
| **B(vi)** | **Date of first appointment with this University:**  *Tarikh mula berkhidmat dengan Universiti ini****:*** | | | | | | | | | | |
| **B(vii)** | **Type of Service (Please circle):**  *Jenis Perkhidmatan(Sila bulatkan):*  **Permanent Contract (State contract expiry date):**  *Tetap Kontrak (Nyatakan tarikh tamat kontrak)*: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | | | | | |
| **C** | **RESEARCH INFORMATION /** MAKLUMAT PENYELIDIKAN | | | | | | | | | | |
| **C(i)** | **Research Cluster (Please tick** *( √ )):*  *Kluster Penyelidikan (Sila tanda ( √ )):*       1. **Pure Science** (*Sains Tulen)*   Chemistry Physic Biology  *(Kimia) (Fizik) (Biologi*)  Biochemistry Materials Science Mathematics and Statistics  *(Biokim*ia) *(Sains Bahan) (Matematik dan Statistik)*    **B. Applied Science** (*Sains Gunaan*)    Chemistry Physic Biology  *(Kimia) (Fizik) (Biologi*)    Mathematics and Statistics Biotechnology Materials Science  *(Matematik dan Statistik) (Bioteknologi) (Sains Bahan)*      **C. Technology and Engineering** (*Teknologi dan Kejuruteraan)*  Mechanical & Manufacturing Electrical and Electronic Civil and Structural  *(Mekanikal dan Pembuatan) (Elektrikal dan Elektronik) (Awam dan Struktur)*    Material and Polymer Chemical Engineering Energy and Green Technology  *(Bahan dan Polimer)* and Processing *(Tenaga dan Teknologi Hijau)*  (*Kejuruteraan Kimia dan*  *Proses)*  Infrastructure and Construction and Aerospace  Transportation Construction Materials (Aeroangkasa)  *(Infrastruktur dan (Pembinaan dan Bahan*  *Pengangkutan) Binaan)*    **D. Clinical and Health Sciences***(Sains Kesihatan dan Klinikal)*    Basic Medical Sciences Pharmacy Pharmacology  *(Sains Perubatan Asas) (Farmasi) (Farmakologi)*  Medical Microbiology Parasitology Pathology  *(Mikrobiologi Perubatan) (Parasitologi) (Pathologi)*  Community Medical Prevention [Clinical Surgical](http://www.google.com.my/search?q=Clinical+surgical&hl=en&client=firefox-a&sa=X&rls=org.mozilla:en-US:official&prmd=v&source=univ&tbs=vid:1&tbo=u&ei=qaL8S9qICcK5rAeg0cHuAQ&oi=video_result_group&ct=title&resnum=4&ved=0CCsQqwQwAw) Clinical Medical  *(Perubatan Pencegahan (Klinikal Surgikal) (Klinikal Medikal)*  *Masyarakat)*    [Associate Health Science](http://www.academicinfo.net/online-degrees/associate/health-science) Dental Nursing Science  *(Sains Kesihatan Bersekutu) (Pergigian) (Sains Kejururawatan*)  **E.** **Social Sciences** (*Sains Sosial)*  Anthropology Psychology Sociology  *(Antropologi) (Psikologi) (Sosiologi*)    [Political Science](http://www.unc.edu/depts/wcweb/handouts/polisci.html) Business and [Management](http://www.google.com.my/aclk?sa=l&ai=CCKIkCqb8S-GgBcGBrQfyidVj9uu2T5zv0csS1ImOmwIIABABUNCn_uj7_____wFgy9P_hIwXoAHQw-30A8gBAaoEFk_Q5nxCXm47k92xQ3vTb7VQCXrR5pg&sig=AGiWqtzFSFyXY60wU6Xw4BZSo93N1g4_eA&adurl=http://www.biztree.com%3Fcm_source%3Dgo-sw%26cm_adgroup%3DC002%26cm_kw%3Dmanagement%2520and%2520business)  Geography  *(Sains Politik) (Pengurusan dan Perniagaan) (Geografi)*    Economic Human Ecology Communication  *(Ekonomi) (Ekologi Manusia) (Komunikasi)*  **F. Arts and Applied Arts** (*Sastera dan Sastera Ikhtisas)*    LanguageandLinguistic Literature Religion  *(Bahasa dan Linguistik) (Kesusasteraan) (Agama)*  Philosophy Civilization History  *(Falsafah) (Tamadun) (Sejarah*)  Art Culture Education  *(Seni) (Budaya) (Pendidikan)*  Policies and Law Built Environment Environment  *(Dasar dan Undang-undang) (Alam Bina- (Alam Sekitar-*  *Aspek Kemanusiaan) Aspek Kemanusiaan)*  **G. Natural Sciences and National Heritage** (*Sains Tabii dan Warisan Negara)*    Environment Forestry Agriculture  *(Alam Sekitar) (Perhutanan) (Pertanian)*  Marine Archaeology Geoscience  *(Marin) (Arkeologi) (Geosains)*      Ethnography Built Environment Culture  *(Etnografi)* (Heritage Aspect*) (Budaya)*  *Alam Bina (Aspek Warisan)*    Biodiversity  *(Kepelbagaian Biologi)*  **H. Information and Communication Technology** (*Teknologi Maklumat dan Komunikasi)*  Software and Information System Soft Computing Computer Networking  *(Perisian dan Sistem Maklumat) (Pengkomputeran Lembut)*  *(Rangkaian Komputer)*  Information Security Multimedia Computer Engineering  *(Keselamatan Maklumat) (Multimedia) (Kejuruteraan Komputer)*  Computer Science  *(Sains Komputer)* | | | | | | | | | | |
| **C(ii)** | **Location of Research:**  *Tempat penyelidikan dijalankan:*  (Contoh / Example ) : Animal Experimental Unit, Animal Laboratory Center, Faculty of Medicine, University Malaya, 50603 Lembah Pantai, Kuala Lumpur | | | | | | | | | | |
| **C(iii)** | **Duration of this research (Maximum 36 months):**  *Tempoh masa penyelidikan ini (Maksimum 36 bulan):*  **Duration: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  *Tempoh* :    **From : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  *Dari* :  **To : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  *Hingga* | | | | | | | | | | |
| **C(iv)** | **Other Researchers:**  *Ahli-ahli penyelidik yang lain:*  *(Please include your curriculum vitae if necessary)* | | | | | | | | | | |
| **Bil** | **Name**  *Nama* | **IC No.**  *No. ID* | | **Faculty/ School/ Centre/ Unit**  *Fakulti/*  *P.Pengajian/*  *Pusat/Unit* | | | **Academic Qualification/**  **Designation**  *Tahap Kelayakan Akademik/Jawatan* | | | **Signature**  *Tandatangan* |
| 1 |  |  | |  | | |  | | |  |
| 2 |  |  | |  | | |  | | |  |
| 3 |  |  | |  | | |  | | |  |
| 4 |  |  | |  | | |  | | |  |
| **C(v)** | **Research projects that have been completed or ongoing by researchers for the last three years. Please provide title of research, duration, year commence and year ending.**  *Sila sediakan maklumat termasuk termasuk tajuk, tempoh, tahun mula dan tahun tamat bagi penyelidikan yang sedang/telah dijalankan oleh penyelidik-penyelidik di dalam tempoh tiga tahun terakhir.* | | | | | | | | | | |
| **Title of research**  *Tajuk penyelidikan* | | | | | **Duration**  *Tempoh* | **Beginning year**  *Tarikh mula* | | | **Ending year**  *Tarikh tamat* | |
|  | | | | |  |  | | |  | |
|  | | | | |  |  | | |  | |
| **C(vi)** | **Please furnish information on academic publications that has been published by the researchers for the last five (5) years.( Example: Journals, Books, Chapters in books etc)**  *Sila kemukakan maklumat berkaitan penerbitan akademik yang telah diterbitkan oleh penyelidik dalam tempoh lima (5) tahun terakhir. (Contoh: Jurnal, buku, bab dalam buku dll)* | | | | | | | | | | |
| **Title of publication**  *Tajuk penerbitan* | | | **Name of journals/books**  *Nama jurnal/buku* | | | | | **Year published**  *Tahun diterbitkan* | | |
|  | | | *Contoh:Malaysian Law Journal* | | | | |  | | |
|  | | |  | | | | |  | | |
|  | | | | | | | | | | |
| **C(vii)** | **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(viii)** | **Detailed proposal of research project:**  *Cadangan maklumat penyelidikan secara terperinci:*  **(a) 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:*    ***This study embarks on the following objectives:***   * 1. *To investigate ......*   *2) To assess..........*    *3) To investigate ......*   1. *To make recommendation based on ......................*   **(c)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*** 4. ***Number of PhD and Masters (by research) Students*** | | | | | | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **D** | **ACCESS TO EQUIPMENT AND MATERIAL /** *KEMUDAHAN SEDIA ADA UNTUK KEGUNAAN BAGI PENYELIDIKAN INI* | | | | |
|  | **University**  *Universiti* | | **Other Sources or Places**  *Lain-lain tempat/sumber* | | |
| **Example */*** *Contoh****:***  ***Equipments:*** | |  | | |
| **E** | **BUDGET /BELANJAWAN** | | | | |
|  | **Please indicate your estimated budget for this research and details of expenditure.**  ***Sila nyatakan anggaran bajet bagi cadangan penyelidikan ini dan berikan butir – butir perbelanjaan lengkap.*** | | | | |
|  | **Budget details**  *Butiran belanjawan* | **Year 1**  Tahun 1  (RM) | | **Year 2**  Tahun 2  (RM) | **Total**  Jumlah  (RM) | |
| **E(i)** | **Vote 21000 -**  **Travelling and Transportation/**  *Perjalanan dan Pengangkutan* |  | |  |  | |
| **E(ii)** | **Vote 24000 -**  **Rental**  *Sewaan* |  | |  |  | |
| **E(iii)** | **Vote 27000 -**  **Research Materials & Supplies**  *Bekalan dan Bahan Penyelidikan* |  | |  |  | |
| **E(iv)** | **Vote 28000 -**  **Maintenance and Minor Repair Services**  *Baik pulih kecil dan ubahsuai* |  | |  |  | |
| **E(v)** | **Vote 29000 -**  **Professional and Special Services**  *Perkhidmatan Ikhtisas dan Khas* |  | |  |  | |
| **E(vi)** | **Vote 35000 -**  **Accessories and Equipment**  *Aksesori dan Peralatan* |  | |  |  | |
| **E(vii)** | **Vote 11000 –**  **Wages and Salaries**  *Upah dan gaji* |  | |  |  | |
| **TOTAL AMOUNT**  *JUMLAH BESAR* | |  | |  |  | |

|  |  |
| --- | --- |
| **F** | **Declaration by applicant /** *Akuan Pemohon*  **(Please tick *( √ )*):****/** *(Sila tanda ( √ )):* |
|  | **I hereby declare that:**  *Saya dengan ini mengaku bahawa:*  **All information stated here are accurate, PPPI, UPNM has right to reject or to cancel the offer without prior notice if there is any inaccurate information given.**  *Semua maklumat yang diisi adalah benar, PPPI, UPNM berhak menolak permohonan atau membatalkannya pada bila-bila masa sekiranya keterangan yang dikemukakan adalah tidak benar.*  **Date : Applicant’s Signature :**  *Tarikh : Tandatangan Pemohon : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*  **Recommended by Dean/Director/Deputy Deputy Dean/Deputy Director**  *Perakuan Dekan/ Pengarah/Timbalan Dekan/ /Timbalan Pengarah*  **Recommended:**  *Diperakukan:*  **A. Recommended**  *Disokong*  **B. Not Recommended (Please specify reason)**  *Tidak Disokong (Sila Nyatakan Sebab)*  **Comments:**  *Ulasan:*  --------------------------------------------------------------------------------------------------------------------------------------------  --------------------------------------------------------------------------------------------------------------------------------------------  **Name: Signature:**  *Nama: Tandatangan:*    **Date:**  *Tarikh:* |
| **G** | **Recommended by Vice Chancellor/Deputy Vice Chancellor (Research and Innovation)/Director of Research Management Center**  *Perakuan Naib Canselor/Timbalan Naib Canselor(P & I)/Pengarah Pusat Pengurusan Penyelidikan* |
|  | **Please tick ( √ )**  *Sila tandakan ( √ )*  **Recommended:**  *Diperakukan:*  **A. Recommended**  *Disokong*  **B. Not Recommended (Please specify reason)**  *Tidak Disokong (Sila Nyatakan Sebab)*  **Comments:**  *Ulasan:*  --------------------------------------------------------------------------------------------------------------------------------------------  --------------------------------------------------------------------------------------------------------------------------------------------  --------------------------------------------------------------------------------------------------------------------------------------------  --------------------------------------------------------------------------------------------------------------------------------------------  --------------------------------------------------------------------------------------------------------------------------------------------  --------------------------------------------------------------------------------------------------------------------------------------------  --------------------------------------------------------------------------------------------------------------------------------------------  --------------------------------------------------------------------------------------------------------------------------------------------  **Name: Signature:**  *Nama: Tandatangan:*    **Date:**  *Tarikh:* |