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| **KERTAS KERJA UNTUK**   |  |  | | --- | --- | | **Kelulusan** |  | | **Makluman** |  | |  |

**KERTAS KERJA UNTUK KELULUSAN/MAKLUMAN\***

**MESYUARAT JAWATANKUASA PENGURUSAN PENYELIDIKAN FAKULTI TEKNOLOGI DAN INFORMATIK RAZAK**

**[\**PADAM MANA YANG TIDAK BERKENAAN]***

***[TAJUK KERTAS KERJA]***

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Disediakan oleh** | **Disemak oleh** | **Diperakukan oleh** |
| **Tandatangan** |  |  |  |
| **Nama** | **XX XX**  *[nama pemohon]* | **XXXX**  *[nama Ketua RG]* | **PROF MADYA DR MOHD NAZRI KAMA** |
| **Jawatan** | Pensyarah Kanan,  *[jawatan pemohon]* | Ketua RG xxxxx, *[nama RG]* | Timbalan Dekan (Penyelidikan, Inovasi, Pembangunan dan Alumni |
| **Tarikh** |  |  |  |

FAKULTI TEKNOLOGI DAN INFORMATIK RAZAK  
UNIVERSITI TEKNOLOGI MALAYSIA

KERTAS KERJA UNTUK KELULUSAN/MAKLUMAN [padam salah satu] MESYUARAT JAWATANKUASA PENGURUSAN PENYELIDIKAN

[TAJUK KERTAS KERJA]

# TUJUAN

Nyatakan tujuan kertas kerja

# LATAR BELAKANG

Nyatakan latar belakang aktiviti yang hendak dijalankan

2.1 Perkara berkaitan

2.2 Perkara berkaitan

# OBJEKTIF

Nyatakan objektif pelaksanaan aktiviti

3.1 Objektif 1

3.2 Objektif 2

3.3 Objjektif 3

# NAMA AKTIVITI/PROGRAM [padam salah satu]

Nyatakan nama aktiviti rasmi

# KAEDAH PELAKSANAAN

Nyatakan kaedah pelaksanaan

# JUSTIFIKASI

Nyatakan justifikasi, faedah, *competitive and strategic advantage* bersandarkan kepada KPI MyRA seperti di LAMPIRAN A. Nyatakan dengan jelas Seksyen, Kriteria dan KPI yang terlibat **[MANDATORI]-.**

# IMPLIKASI KEWANGAN, FASILITI DAN SUMBER MANUSIA

Nyatakan implikasi kewangan, ruang atau sumber manusia yang terlibat

*Garis panduan kewangan:*

*Makan pagi – RM4; Makan Tengahari – RM 12; Minum Petang – RM4*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Perkara** | **Jumlah Peserta** | **Harga Seunit** | **Jumlah** |
| **A- Pendapatan** | | | | |
| **1** | Yuran Bengkel |  |  |  |
|  | Yuran Normal (Peserta) | 10 | 250.00 | 2,500.00 |
|  | Yuran Pelajar dan Staf UTM (Peserta) | 10 | 150.00 | 1,500.00 |
|  | **Jumlah Pendapatan** |  |  | **4,000.00** |
|  |  |  |  |  |
| **B- Perbelanjaan** | | | | |
| **1** | Sewaan Makmal Komputer (Hari) | 2 | 250.00 | 500.00 |
| **2** | Iklan dan Pemasaran (Unit) | 1 | 100.00 | 100.00 |
| **3** | xxx |  |  | - |
|  | **Jumlah Perbelanjaan** |  |  | **600.00** |
|  |  |  |  | - |
| **C- Keuntungan** | | | | |
| **5** | Jumlah Pendapatan - Jumlah Perbelanjaan |  |  | **3,400.00** |
|  |  |  |  |  |

\* Seksyen C tidak diperlukan jika Seksyen A tidak dinyatakan

# KEPUTUSAN

Jawatankuasa Pengurusan Penyelidikan fakulti adalah dengan segala hormatnya dimohon untuk mempertimbangkan dan meluluskan [nyatakan kertas kerja].

**APENDIK A**

**JADUAL PENJAJARAN KPI MyRA**

|  |  |  |  |
| --- | --- | --- | --- |
| **BAHAGIAN** | **KRITERIA** | **NOTA** | (diisi oleh pemohon) **TANDAKAN (✓) BAGI KRITERIA BERKAITAN** |
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| **CTION** | **CRITERIA** | **KPI** | **B'mark Score** | **Sub-Wtge** | **Weightage** | **Total Score** |
| **SECTION B RESEARCHERS** | Critical Mass - % of PI | a. University Funded (including RU grant) | 0.68 | 15% | 4.5 M (30%) | **15 M** |
| b. National Grants (FRGS, ERGS, MARDI etc) | 1.58 | 35% |
| c. Industry Grant (All types of grant) | 0.90 | 20% |
| d. International Grants | 1.35 | 30% |
| PhD or Equivalent & Professional Qualification | a. Total number staff- PhD/DSc, D.Eng. | 1.2 | 80% | 1.5M (10%) |
| b. Total number staff - Professional Q'fications | 0.3 | 20% |
| Research experience (3 cohorts) Total no of research experienced staffs: | a.  > 50 year | 1.35 | 30% | 4.5 M (30%) |
| b. 40-49 year | 1.80 | 40% |
| c. < 40 year | 1.35 | 30% |
| Awards and recognitions conferred by national and international learned and professional bodies | a.International Award | 0.90 | 20% | 4.5 M (30%) |
| b.International Recognition & Stewardship | 0.90 | 20% |
| a.National Award | 1.35 | 30% |
| b.National Recognition & Stewardship | 1.35 | 30% |
| **SECTION C RESEARCH** | Publications (70%) | (i) Journals (70%) | 5.145 | 30% | 24.5 M (70%) | **35 M** |
| a. Total Number of Publications in SCOPUS/WOS/ERA | (ii) Conference Proceedings (5%) | 0.3675 |
| (iii) Joint - 1) Industrial Collaborations (10%) | 0.735 |
| (iii) Joint - 2) International Collaborations (10%) | 0.735 |
| (iii) Joint - 3) National Collaboration -(10%) | 0.3675 |
| b. Publication Impact : | (i) Total Citations of Publications (50%) | 6.125 | 50% |
|  | (ii) Number to (iii) % Q1 and Q2 journals (50%) | 6.125 |
| c. Other Publication | c. Non Indexed Journals (5%) | 1.225 | 10% |
| f. Others (2%) | 0.49 |
| e. Policy Papers (3%) | 0.735 |
| d. Research Book & Chapters | (i) No. of Research Books (60%) | 1.47 | 10% |
| (ii) No. of Chapters in Research Books (40%) | 0.98 |
| Research grants for academic staff | a. (ii) Public Funds - Total Amount Received for Active Projects | 5.25 | 50% | 10.5 M (30%) |
| b. (ii) Private/ Industrial Funds (including Contract Research) -Total Amount Received for Active Projects | 2.1 | 20% |
| c. (ii) International funds - Total Amount Received for Active projects | 3.15 | 30% |
| **SECTION D POSTGRADUATES** | PhD Graduated | a. Total PHD to b. Ratio of PhDs Graduated to Active Academic Staff | 5.6 | 70% | 8 M (80%) | **10 M** |
| c Number to -> d. Percentage of PhDs Graduated within 7 Semesters or 42 Months | 2.4 | 30% |
| Number of Masters Graduated | a. Total Number of Masters (Research Mode) Graduated in the Year |  |  | 2 M (20%) |
| (a) Local | 1.6 | 80% |
| (b) Foreign | 0.4 | 20% |
| **SECTION E INNOVATION** | Patents | a. Total number as c. New Granted Patents | 3.0 | 20% | 4.5M (30%) | **15 M** |
| b. Total number as d. New Filed for Patents | 1.5 | 10% |
| Commercialized Products | Commercial product for the market | 4.5 | 100% | 30% |
| Technology Know-How Licensing | a. Total Number Licensed | 2.25 | 50% | 4.5 M (30%) |
| b. Total Number Sold Outright | 2.25 | 50% |
| Other IPRs | IPRs (e.g copyright, trademark) | 1.5 | 100% | 10% |
| **SECTION F INCOME GENERATION** | Gross Income from Training Courses | a. Non-degree Programmes - b. Postgraduate fees | 2.00 | 100% | 20% | **10 M** |
|
| Gross Income from Organising Conferences | Total Amount (RM in millions) | 0.50 | 100% | 5% |
| Gross Income from Product Commercialization | a) Product Commercialization | 3.00 | 100% | 30% |
|
| Gross Income from Consultancies | a. Consultancies (excluding contract research) | 2.50 | 100% | 25% |
|
| Endowment (including Professorial Chairs) | Total Amount (RM in millions) | 1.00 | 100% | 10% |
| Gifts worth ≥RM 3,000 each | Total Amount (RM in millions) | 0.50 | 100% | 5% |
| Percentage of Operational Expenditure (OE) for R&D | a. Total Operational Expenditure (RM millions) | 0.50 | 100% | 5% |
|
| **SECTION G NETWORK & LINKAGES** | MOA - International | a. Total Number of MoAs Signed and Stamped | 1.44 | 30% | 4.8M (40%) | **12 M** |
| b. Percentage of Staff Involved | 0.96 | 20% |
| Membership International | a. Membership International Bodies |  |  |
| b. Chairman International Bodies | 2.40 | 50% |
| MOA - National | a. Total Number of MoAs Signed and Stamped | 0.90 | 30% | 3 M (25%) |
| b. Percentage of Staff Involved | 0.60 | 20% |
| Membership National | a.Membership National Bodies |  |  |
| b. Chairman National Bodies | 1.50 | 50% |
| Knowledge/ Technology Diffusion Projects/ Assimilation (Social Innovation) | a (i) New Community-Related Projects | 0.84 | 35% | 2.4 M (20%) |
| (ii) Rolling Community-Related Projects | 0.60 | 25% |
| b. Communities Receiving | 0.96 | 40% |
| Joint Research Projects | Collabration RUs and others |  |  | 1.8M (15%) |
| Collaborative Projects with a Minimum of 4 RUs in Each Project | 1.80 | 100% |

**LAMPIRAN**

[Sekiranya Ada]