**FORMULIR ISIAN KINERJA PENELITIAN**

**UNIVERSITAS DIPONEGORO TAHUN 2016**

1. **Data Peneliti Asing pada Tahun 2016**

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| No | Tahun Kunjungan | Nama Lengkap & Gelar | Jenis Kelamin | Institusi Asal, Negara | Pendidikan Tertinggi | Bidang Kepakaran | Lama Tinggal di Indonesia (berapa minggu/bulan) |
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1. **Data Staf Pendukung Penelitian Tahun 2016**

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| No | NIP / NIK | Nama Lengkap & Gelar | Jenis Kelamin | Jabatan (sebagai staf adm. / teknisi laboran)\* pilih salah satu | Unit Kerja | Tingkat Pendidikan |
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1. **Data Penelitian Sumber Dana DIPA Fakultas Tahun 2016**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Tahun | Judul Penelitian | Kode Jenis Penelitian\*) terlampir | Kode Bidang Penelitian \*) terlampir | Kode Tujuan Sosial Ekonomi \*) terlampir | Sumber Dana | Institusi Sumber Dana (Dalam Negeri/Luar Negeri) | Jmlh Dana(Rp) | Ketua Peneliti dan anggota (NIDN) |
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Ket : mohon tidak mencantumkan Penelitian yang mendapatkan pendanaan dari dana Direktorat Riset dan Pengabdian Masyarakat Kemenristekdikti

1. **Unit Fasilitas Penunjang Penelitian Tahun 2016**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | Nama pusat studi/kajian, laboratorium, studio, lahan atau kebun percobaan, sentra HKI, dan inkubator hasil riset | No. SK Penetapan Pendirian | Status :* belum terakreditasi /Tersertifikasi,
* Terakreditasi,
* Tersertifikasi
 | Fasilitas dan Peralatan Utama | Jumlah Fasilitas dan Peralatan Utama | Status :* Aktif
* Non Aktif
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Catatan : mohon sertakan fotocopy SK Penetapan Pendirian

1. **Penyelenggaraan Forum Ilmiah Tahun 2016**

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| --- | --- | --- | --- | --- | --- | --- |
| No | Nama Kegiatan | Unit Pelaksana | Mitra / Sponsorship (apabila ada) | Skala Forum Ilmiah (Regional /Nasional /Internasional) | Tanggal Pelaksanaan | Tempat Pelaksanaan |
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1. **Data Publikasi di Jurnal Tahun 2016**

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| No | Nama Dosen (NIDN) | Judul | Nama Jurnal | ISSN | Vol., No , Hal | Status Jurnal \*) pilih salah satu  | Alamat URL | Tahun |
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Ket : \*) status jurnal : Internasional / Nasional ter-Akreditasi / Nasional tidak ter-Akreditasi

1. **Data Buku Ajar / Teks yang terbit 2016**

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| No | NIDN | Nama Dosen | Judul Buku | ISBN | Jumlah Halaman | Penerbit | Tahun |
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1. **Data Pemakalah Undip dalam Forum Regional / Nasional / Internasional Tahun 2016**

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| No | NIDN | Nama Dosen | Judul Makalah | Nama Forum | Institusi Penyelenggara | Tanggal Pelaksanaan Forum | Tempat Pelaksanaan Forum | Tingkat Pemakalah Forum Ilmiah (Regional/ Nasional/Internasional) | Status :* Pemakalah Biasa
* Invited/Keynote Speaker
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Catatan : mohon sertakan fotocopy makalah

1. **Data HKI Tahun 2016**

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| No | NIDN | Nama Dosen | Judul HKI | Jenis HKI \*) pilih salah satu | Nomor | Status HKI (granted / terdaftar) | Tahun |
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Ket. : \*) Paten / Paten Sederhana / Hak Cipta / Merek Dagang / Rahasia Dagang / Desain Produk Industri / Indikasi Geografis / Perlindungan Varietas Tanaman / Perlindungan Topografi Sikuit Terpadu

Catatan : mohon dapat disertakan fotocopy dokumen sertifikat HKI dari dosen

1. **Data Luaran Lain Tahun 2016**

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| No | NIDN | Nama Dosen | Judul Luaran | Jenis Luaran \*) pilih salah satu | Deskripsi singkat | Tahun |
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Ket. : Model / Prototype / Desain / Karya Seni / Rekayasa Sosial / Teknologi Tepat Guna (TTG ) / Kebijakan

Catatan : mohon sertakan fotocopy berkas pendukung (berupa foto atau lainnya)

1. Kontrak Kerjasama **Non Penelitian** Tahun Anggaran **2016**

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| No | Unit Pelaksana | Nama Kegiatan / Judul Kerjasama | Institusi Mitra | No. Kontrak | Nilai Kontrak (Rp) |
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Catatan : mohon sertakan fotocopy MoU/SK (boleh halaman pertama dan belakangnya saja)

1. Unit Bisnis Hasil Riset Tahun Anggaran **2016**

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| No | Nama Unit Bisnis | No. SK Pendirian | Lingkup Kegiatan | Mitra Bisnis | Tahun |
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Catatan : mohon sertakan fotocopy MoU/SK (boleh halaman pertama dan belakangnya saja)

**Semarang,**

**Pimpinan Fakultas**

**………………………………………………**

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| **Kode untuk Isian pada huruf C. Data Penelitian Sumber Dana DIPA Fakultas Tahun 2016** |
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| **No** | **Kode Jenis Penelitian** | **Jenis Penelitian** |
|   |   |   |   |
|   | 1 | **Penelitian Dasar** |
|   | 2 | **Penelitian Terapan** |
|   | 3 | **Pengembangan Experimental** |
|  |  |  |  |
| **No** | **Kode Bidang Penelitian** | **Bidang Penelitian** |
|   |   |   |   |
| 1 |   | Natural Science |
|   | 1.1. |   | Mathematical Sciences |
|   | 1.2. |   | Physical Sciences |
|   | 1.3. |   | Chemical Sciences |
|   | 1.4. |   | Earth Sciences |
|   | 1.5. |   | Biological Sciences |
|   | 1.6. |   | Information, Computing, and Communication Sciences |
|   | 1.7. |   | Other Natural Sciences |
| 2 |   | Engineering and Technology |
|   | 2.1 |   | Industrial Biotecnology and Food Sciences |
|   | 2.2 |   | Aerospace Engineering |
|   | 2.3 |   | Manufacturing Engineering |
|   | 2.4 |   | Automotive Engineering |
|   | 2.5 |   | Mechanical and Industrial Engineering |
|   | 2.6 |   | Chemical Engineering |
|   | 2.7 |   | Resources Engineering |
|   | 2.8 |   | Civil Engineering |
|   | 2.9 |   | Electrical and Electonic Engineering |
|   | 2.10 |   | Geomatic Engineering |
|   | 2.11 |   | Environmental Engineering |
|   | 2.12 |   | Maritime Engineering |
|   | 2.13 |   | Metallurgy |
|   | 2.14 |   | Material Engineering |
|   | 2.15 |   | Biomedical Engineering |
|   | 2.16 |   | Computer Hadware |
|   | 2.17 |   | Communications Technologies |
|   | 2.18 |   | Interdisciplinary Engineering |
|   | 2.19 |   | Other Engineering and Technology |
| **No** | **Kode Bidang Penelitian** | **Bidang Penelitian** |
| 3 |   | Agricultural and Environmental Sciences |
|   | 3.1 |   | Agricultural and Veterinary Sciences |
|   | 3.2 |   | Environmental Sciences |
|   | 3.3 |   | Architecture, Urban Environment and Building |
|   | 3.4 |   | Other Agricultural and Environmental Sciences |
| 4 |   | Medical Sciences |
|   | 4.1 |   | Medical Sciences |
|   | 4.2 |   | Public Health and Health Services |
|   | 4.3 |   | Other Medical and Health Sciences |
| 5 |   | Social Sciences |
|   | 5.1 |   | Education |
|   | 5.2 |   | Economics |
|   | 5.3 |   | Commerce, Management, Tourism and Services |
|   | 5.4 |   | Policy and Political Sciences |
|   | 5.5 |   | Studies in Human Society |
|   | 5.6 |   | Behavioural and Cognitive Sciences |
|   | 5.7 |   | Law, Justice, and Law Enforcement |
|   | 5.8 |   | Journalism, Libraruanship and Curatiorial Studies |
|   | 5.9 |   | Other Social Sciences |
| 6 |   | Humanities |
|   | 6.1 |   | The Arts |
|   | 6.2 |   | Language and Culture |
|   | 6.3 |   | History and Archeology |
|   | 6.4 |   | Philosophy and Religion |
|   | 6.5 |   | Other Humanities |

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| **No** | **Kode Tujuan Sosial Ekonomi** | **Tujuan Sosial Ekonomi** |
| **A** |  | **Defence** |
|   | A.1. |   | Military and politics |
|   | A.2. |   | Military Technology |
|   | A.3. |   | Military doctrine, education, and Training |
|   | A.4. |   | Military Capabilities |
|   | A.5. |   | Police and Internal Security |
| **No** | **Kode Tujuan Sosial Ekonomi** | **Tujuan Sosial Ekonomi** |
| **B** |  | **Plant Production and Plant Primary Products** |
|   | B.1.  |   | Field Crops |
|   | B.2.  |   | Plantation Crops |
|   | B.3.  |   | Holticultural Crops |
|   | B.4.  |   | Foresty |
|   | B.5.  |   | Primary products form Plants |
|   | B.6.  |   | By-Products Utilisation |
|   | B.7.  |   | Herbs, Spices and Medicinal Plants |
|   | B.8.  |   | Other Plant Production and Plant Primary Products not elsewhere classified |
| **C** |  | **Animal Production and Animal Primary Products** |
|   | C.1.  |   | Live Stock |
|   | C.2.  |   | Pasture, browse, and Folder Crops |
|   | C.3.  |   | Fisheries Products |
|   | C.4.  |   | Primary and by-product from Animals |
|   | C.5.  |   | Other Animal Production and Animal Primary products not elsewhere classified |
| **D** |  | **Mineral resources (excluding energy)** |
|   | D.1 |   | D.1. Exploration |
|   | D.2 |   | Primary mining and Extraction Processes |
|   | D.3 |   | First Stage Treatment of ores and Minerals |
|   | D.4 |   | Prevention and Treatment of Pollution |
|   | D.5 |   | Other mineral resources (excluding energy) not elsewhere classified |
| **E** |  | **Energy resources** |
|   | E.1 |   | Exploration |
|   | E.2 |   | mining and Extraction |
|   | E.3 |   | preparation and Supply of Energy Source materials |
|   | E.4 |   | Non-conventional energy resources |
|   | E.5 |   | Nuclear Energy |
|   | E.6 |   | Other Energy Resources not elsewhere classified |
| **F** |  | **Energy supply** |
|   | F.1 |   | Energy Tranformation |
|   | F.2 |   | Renewable Energy |
|   | F.3 |   | Energy Distribution |
|   | F.4 |   | Energy Conservation and Efficiency |
|   | F.5 |   | Energy issues |
|   | F.6 |   | Other Energy Supply not elsewhere classified |
| **No** | **Kode Tujuan Sosial Ekonomi** | **Tujuan Sosial Ekonomi** |
| **G** |  | **Manufacturing** |
|   | G.1.  |   | Processed Food Products and beverages |
|   | G.2.  |   | Fibre Processing and Textiles, Footwear and Leather Products |
|   | G.3.  |   | Wood, Wood Products and Paper |
|   | G.4.  |   | Human Pharmaceutical Products |
|   | G.5.  |   | Veterinary Pharmaceutical Products |
|   | G.6.  |   | Agricultural Chemicals |
|   | G.7.  |   | Industrial Chemicals and Related Products |
|   | G.8.  |   | Basic metal products (including smelting) |
|   | G.9.  |   | Industrial Mineral Products |
|   | G.10.  |   | Fabricated Metal Products |
|   | G.11.  |   | Transport Equipment |
|   | G.12.  |   | Computer hardware and electronic Equipment |
|   | G.13.  |   | Communication Equipment |
|   | G.14.  |   | Instrumentation |
|   | G.15.  |   | Machinery and Equipment |
|   | G.16.  |   | Latex Product Industry |
|   | G.17 |   | Standard Supporting Technologies |
|   | G.18 |   | Materials performance and Processes/Analysis |
|   | G.19 |   | Milling and Process materials |
|   | G.20 |   | Synthesis and Design of Fine and Speciality Chemicals |
|   | G.21 |   | Consumer Products |
|   | G.22 |   | Other manufactured Products not elsewhere classified |
| **H** |  | **Construction** |
|   | H.1 |   | Planning |
|   | H.2 |   | Design |
|   | H.3 |   | Construction processes |
|   | H.4 |   | Building management and Services |
|   | H.5 |   | Other Construction not elsewhere classified |
| **I** |  | **Transport** |
|   | I.1 |   | Ground Transport |
|   | I.2 |   | Water Transport |
|   | I.3 |   | Air and Space Transport |
|   | I.4 |   | Other Transport not elsewhere classified |
| **No** | **Kode Tujuan Sosial Ekonomi** | **Tujuan Sosial Ekonomi** |
| **J** |  | **Information and Communication Services** |
|   | J.1 |   | Computer software and Services |
|   | J.2 |   | Information Services (including library) |
|   | J.3 |   | Communication Services |
|   | J.4 |   | Geoinformastion Services |
|   | J.5 |   | Other Information and Communication not elsewhere classified |
| **K** |  | **Commercial Services** |
|   | K.1 |   | Electricity, gas, water services and utilities |
|   | K.2 |   | Waste management and recycling |
|   | K.3 |   | Wholesale and Retail Trade |
|   | K.4 |   | Finance, Property and Business Services |
|   | K.5 |   | Tourism |
|   | K.6 |   | Other Commercial Services not elsewhere classified |
| **L** |  | **Economic Framework** |
|   | L.1 |   | Macroeconomics |
|   | L.2 |   | Microeconomics |
|   | L.3 |   | International Trade and Issues |
|   | L.4 |   | Management and productivity Issues |
|   | L.5 |   | Measurement Standards and Calibration Services |
|   | L.6 |   | Commercialisation |
|   | L.7 |   | Socio-economic Development |
|   | L.8 |   | Economics Development and Environment |
|   | L.9 |   | Human resources Management |
|   | L.10 |   | Other Economics Issues not elsewhere classified |
| **M** |  | **Natural Resources** |
|   | M.1 |   | Soil Resources |
|   | M.2 |   | Water Resources |
|   | M.3 |   | Biodiversity |
|   | M.4 |   | Bioactive Product |
|   | M.5 |   | Industrial Raw Materials |
|   | M.6 |   | Mineral Resources |
|   | M.7 |   | Other Natural Resources not elsewhere classified |
| **N** |  | **Health** |
|   | N.1 |   | Clinical (organs, diseases, and conditions) |
|   | N.2 |   | Public Health |
|   | N.3 |   | Health and Support Services |
|   | N.4 |   | Other Health not elsewhere classified |
| **No** | **Kode Tujuan Sosial Ekonomi** | **Tujuan Sosial Ekonomi** |
| **O** |  | **Education and Training** |
|   | O.1 |   | Early Childhood and Primary Education |
|   | O.2 |   | Secondary Education |
|   | O.3 |   | Tertiary Education |
|   | O.4 |   | Technical and Further Education |
|   | O.5 |   | Special Education |
|   | O.6 |   | Computer Base Teaching and Learning |
|   | O.7 |   | Education Policy |
|   | O.8 |   | Teaching |
|   | O.9 |   | Educational Administration |
|   | O.10 |   | Other Education and Training not elsewhere classified |
| **P** |  | **Social Development and Community Services** |
|   | P.1 |   | Community Services |
|   | P.2 |   | Public Services |
|   | P.3 |   | Art, Soprt and Recreation |
|   | P.4 |   | International Relations |
|   | P.5 |   | Ethical Issues |
|   | P.6 |   | National Building |
|   | P.7 |   | Urban Issues |
|   | P.8 |   | Other Social Development and Community Services not elsewhere classified |
| **Q** |  | **Environmental Knowledge** |
|   | Q.1 |   | Climate and Atmosphere |
|   | Q.2 |   | Ocean |
|   | Q.3 |   | Water |
|   | Q.4 |   | Land |
|   | Q.5 |   | Nature Conservation |
|   | Q.6 |   | Social Environment |
|   | Q.6 |   | River and Lake |
|   | Q.7 |   | Other Enviromental Knowledge not elsewhere classified |
| **R** |  | **Environmental aspects of development** |
|   | R.1 |   | Plant Production and Plant Primary Products (including Foresty) |
|   | R.2 |   | Animal Production and Animal Primary Products (including Fishing) |
|   | R.3 |   | Mineral resources (excluding energy) |
|   | R.4 |   | Energy resources |
|   | R.5 |   | Energy supply |
|   | R.6 |   | Manufacturing |
|   | R.7 |   | Construction |
|   | R.8 |   | Transport |
| **No** | **Kode Tujuan Sosial Ekonomi** | **Tujuan Sosial Ekonomi** |
|   | R.9 |   | Information and Communication Services |
|   | R.10 |   | Commercial Services |
|   | R.11 |   | Environmental Economic Framework |
|   | R.12 |   | Other Environmental of Development not elsewhere classified |
| **S** |  | **Environmental management and Other Aspects** |
|   | S.1 |   | Environmental Management |
|   | S.2 |   | Waste management and recycling |
|   | S.3 |   | Climate and Weather |
|   | S.4 |   | Atmosphere (excl. Climate and Weather) |
|   | S.5 |   | Marine and Coastal Environment |
|   | S.6 |   | Fresh Water and Estuarine Environment |
|   | S.7 |   | Urban and Industrial Environment |
|   | S.8 |   | Forest and Wooded Lands |
|   | S.9 |   | Minning Environment |
|   | S.10 |   | Other Environmental aspects not elsewhere classified |
| **T** |  | **Advancement of natural sciences, technology, and Engineering** |
|   | T.1 |   | Mathematical Science |
|   | T.2 |   | Physical Sciences |
|   | T.3 |   | Chemical Sciences |
|   | T.4 |   | Earth Sciences |
|   | T.5 |   | Information, Computer and Communication Technologies |
|   | T.6 |   | Applied Sciences and Technologies |
|   | T.7 |   | Engineering Sciences |
|   | T.8 |   | Biological Sciences |
|   | T.9 |   | Agricultural Sciences |
|   | T.10 |   | Medical and Healt Sciences |
|   | T.11 |   | Multimedia |
|   | T.12 |   | Other natural sciences, technology, and Engineering not elsewhere classified |
| **U** |  | **Advancement of Social Sciences and Humanities** |
|   | U.1 |   | Social Sciences |
|   | U.2 |   | Humanities |
|   | U.3 |   | Cyber Law |
|   | U.4 |   | Other Social Sciences and Humanities not elsewhere classified |