**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**

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| 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 |