

**DAFTAR PENELITIAN DAN PENGABDIAN KEPADA MASYARAKAT YANG DI USULKAN DIDANAI
SUMBER DANA PNBP UNDIP TAHUN 2016**

RISET PUBLIKASI INTERNASIONAL

NO.	JUDUL	NAMA	FAKULTAS/ UNIT
1.	Stakeholder Engagement, Corporate Sustainability Disclosure and Bank's Performance and Risk: Evidence of ASEAN Banking Sector	Puji Harto, SE., M.Si, Ak., Ph.D.	Ekonomika dan Bisnis
2.	Liquid Government Bond and Developing Model of Market Issuance Securities Trading Separate On Registered Interest in Indonesia	Prof. Dr. Sugeng Wahyudi, MM.	Ekonomika dan Bisnis
3.	Changes in corporate social environmental responsibility disclosure of Indonesian's companies: Accountability or legitimacy?	Faisal, SE., M.Si., Ph.D.	Ekonomika dan Bisnis
4.	Performance Budgeting Implementation In Indonesia (2003 - 2016) : Analysis From Sociology Perspective	Tri Jatmiko Wahyu Prabowo, Ph.D.	Ekonomika dan Bisnis
5.	INCENTIVES FOR IFRS ADOPTION ON ACCOUNTING QUALITY: EMPIRICAL STUDY FROM EMERGING MARKETS	Dr. Fuad, SET	Ekonomika dan Bisnis
6.	COLLABORATIVE MODEL FOR INCREASING THE INTERNATIONAL SCIENTIFIC PUBLICATION OF THE DIPONEGORO UNIVERSITY LECTURERS (CULTURAL APPROACH)	Dr. Suyanto SA, M.Si.	Ilmu Budaya
7.	ASEAN Economic Community: Tracing Root of Maritime Interconnectivity and Partnership	Dr. Yety Rochwulaningsih, M.Sc	Ilmu Budaya
8.	Southeast Asia's Maritime Networks and Diplomacy In Transition : Batavia, Ayutthaya, Macau and American Shipping, 1622-1810	Dr. Endang Susilowati, M.A.	Ilmu Budaya
9.	Southeast Asian Traders In The Early Modern World : Sources, Maritime Networks And Economic Transformation In The Java Sea Region 1682-1800	Prof. Dr. Singgih Tri Sulistiyono, M.Hum.	Ilmu Budaya
10.	Mesenchymal Stem Cells Treatment for Atherosclerosis, a Study in Animal Model	dr. Bahrudin, MSiMed, PhD	Kedokteran
11.	Exploration of Bioactive Peptide and Protein from Tempe Gembus for Health Benefits	Dr. Diana Nur Afifah, S.TP., M.Si.	Kedokteran
12.	INTEGRATED BIOLOGICAL AND BEHAVIORAL DETERMINANT TO IMPROVE MASS DRUG ADMINISTRATION AND QUALITY OF LIFE: A LONGITUDINAL STUDY OF LYMPHATIC FILARIASIS	Dr. dr. Bagoes Widjanarko, MPH, MA.	Kesehatan Masyarakat
13.	ADVANCED DEVELOPMENT OF SPATIAL DATA BASE SYSTEM FOR COASTAL AND FISHERIES RESOURCES AND SCIENCE : Coastal Risk and Hazards, Spatial Distribution of Marine Fossils and Paleo-oceanography, Ocean Climate Change and Fish Resources	Prof. Dr. Ir. Agus Hartoko, M.Sc.	Perikanan dan Ilmu Kelautan
14.	Kinetic study on evaluation of melanin free ink extracted from Squid (Loligo sp) as antioxidant in preserving milkfish-based products	Ir. Tri Winarni Agustini, M.Sc., Ph.D.	Perikanan dan Ilmu Kelautan
15.	Bioengineering of Anti-pathogenic Bacterial Coral Symbionts to Fight Against Acroporid White Syndrome Disease in Karimunjawa	Prof. Dr. Agus Sabdono, M.Sc.	Perikanan dan Ilmu Kelautan

NO.	JUDUL	NAMA	FAKULTAS/ UNIT
16.	Genetic-connectivity among reefs using DNA Barcode in Marine Protected Area Network of Raja Ampat, West Papua	Dr. Ir. Diah Permata Wijayanti, M.Sc.	Perikanan dan Ilmu Kelautan
17.	Investigation on Polychaetes as Carrier of Enterocytozoon hepatopenaei in the Hepatopancreatic microsporidiasis (HPM) Outbreak in Shrimp Pond	Prof. Dr. Ir. Slamet Budi Prayitno, M.Sc.	Perikanan dan Ilmu Kelautan
18.	Sea Ranching of Indonesian Sea Cucumber	Ir. Retno Hartati, MSc.	Perikanan dan Ilmu Kelautan
19.	Patin (Pangasius sp) Smoked Fish Processed Using Nanoencapsulation Of Corncob Liquid Smoke Against Its Quality And In Vivo Food Safety Level	Dr. Ir. Fronthea Swastawati, M.Sc.	Perikanan dan Ilmu Kelautan
20.	Fisheries Perception And Opinion of Local Knowledge and Practices As A Basis For Developing Sustainable Fisheries Management System In Bali And Karimunjawa, Indonesia	Sulistyani DyahPramitasari, S.Pi, M.Si	Perikanan dan Ilmu kelautan
21.	Typical atmospheric and oceanic features associated with short-term and high sea surface temperatures in the western equatorial Pacific	Dr. Anindya Wirasatriya, S.T., M.Si., M.Sc.	Perikanan dan Ilmu Kelautan
22.	The Use of Water Current, Biomass and Bio-MOS for Feeding Rate, Growth Promotion, Survival Rate and FCR of Indonesian Shortfin Eel Anguilla bicolor bicolor In Ricirculating Water System.	Ir. Nur Taufiq Spj, M.App.Sc.	Perikanan dan Ilmu Kelautan
23.	Research on Antioxidant Properties from Brown Indonesian Algae Sargassaceae Species Extracts: Potential Application as Cosmetics Additives.	Dr.Ir. Ita Widowati, DEA.	Perikanan dan Ilmu Kelautan
24.	Investigation of alginate from brown seaweed Sargassum cristatofolium as a potential dietary immunostimulant for juvenile penaeid shrimp, Litopenaeus vannamei infected by Vibrio parahaemolyticus	Ir. Agung Sudaryono, M.Sc., Ph.D.	Perikanan dan Ilmu Kelautan
25.	FEASIBILITY AND SECURITY PELLET OF THE CHICKENS HATCHERIES WASTE WHICH IS PROCESSED BY ADDING ZEOLITE AND BENTONITE AS A LOCAL POULTRY FEEDSTUFF	Ir. Bambang Sulistiyanto, M.Agr.Sc., Ph.D.	Peternakan dan Pertanian
26.	The Effect of Adding Fermented Waste Cabbage as Probiotic Source to Pellet of Calf Starter on Rumen Development and Calf Immune	Dr. Ir. Sri Mukodiningsih, MS.	Peternakan dan Pertanian
27.	BIOFERTILIZER APPLICATION ON ACIDIC DRY LAND	Ir. Didik Wisnu Widjajanto, M.Sc, Ph.D	Peternakan dan Pertanian
28.	Evaluation And Development Of Cancer Specific Cytotoxic Compound Of Ginger Leaf (Zingiber officinale Rosc) For Nutraceutical	drh. Siti Susanti, Ph.D.	Peternakan dan Pertanian
29.	Improving Research Engagement in Indonesian Academics: A Social Cognitive Theoretical Perspective	Dian Ratna Sawitri, S.Psi., M.Si., Ph.D	Psikologi
30.	PHOTOCATALYTIC ACTIVITY ENHANCEMENT OF COBALT DOPED ZINC OXIDE UNDER SOLAR IRRADIATION	Dr. Heri Sutanto, S.Si., M.Si.	Sains dan Matematika
31.	Bioprospecting of Rhizobacteria Bacillus pumilus : an Environmentally Friendly Biopesticide against Leaf Blight (Xanthomonas oryzae) Disease in Rice Organic Farming	Dr. rer. nat. Anto Budiharjo, S.Si., M.Biotech.	Sains dan Matematika
32.	Developing Compression and Classification Algorithm of Molecular Signals through DNA Strand Displacement Reaction for Diseases Diagnosis Application	Dr.Eng. Adi Wibowo, S.Si., M.Kom	Sains dan Matematika

NO.	JUDUL	NAMA	FAKULTAS/ UNIT
33.	Hydrological And Environmental Monitoring Using Geophysical Observation In Semarang Area	Dr. Eng. Agus Setyawan, S.Si, M.Si.	Sains dan Matematika
34.	Green Synthesis and Characterization of Coconut Shell Activated Carbon@Silver-Titanium dioxide Bimetallic Nanoparticles Composite for Antibacterial Textiles Fabrication	Drs. Pratama Jujur Wibawa, M.Si., Ph.D	Sains dan Matematika
35.	Development of New Nutraceutical Fermented Alpina purpurata with Three Different Fungi as an Antioxidant, Antidiabetic, Antiglication and Anticancer	Dr. Agustina Lulustyaningati Nurul Aminin, M.Si.	Sains dan Matematika
36.	Fabrication of CuInS ₂ photocathode and BiVO ₄ photoanode for hydrogen generation under sunlight irradiation	Drs. Gunawan, M.Si., Ph.D.	Sains dan Matematika
37.	MICROSTRUCTURE MODIFICATION OF NITROGEN DOPED-TITANIUM DIOXIDE (N-DOPED TiO ₂) AS A VISIBLE LIGHT PHOTOCATALYST	Dr. Eng. Hendri Widiyandari, M.Si	Sains dan Matematika
38.	Sortnews APP : An Application Of News Summarization Based On LDA-TOPIC Modelling	Dr. Retno Kusumaningrum, S.Si., M.Kom.	Sains dan Matematika
39.	The Development of Fly Ash Supported CaO Derived from Mollusk Shells as a Heterogeneous Catalyst in Biodiesel Synthesis	Dr. Hadiyanto, M.Sc.	Teknik
40.	Development of Efficient Ethanolic Hydrolysis and Hot Extrusion Methods for Glucomannan Extraction from Crude Porang (<i>Amorphophallus oncophyllus</i>) Flour	Dr. Andri Cahyo Kumoro, ST., MT.	Teknik
41.	EVALUATION OF MICELLAR ENHANCED ULTRAFILTRATION MEMBRANE (MEUF) FOR REMOVING REACTIVE DYE	Nita Aryanti, ST., MT., Ph.D.	Teknik
42.	INTEGRATED HYDROGEOLOGICAL MAPPING AND HUMAN AWARENESS INDEX FOR ESTABLISHING GROUNDWATER VULNERABILITY MAPS IN SEMARANG URBAN AREA	Dr.rer.nat. Thomas Triadi Putranto, ST., M.Eng.	Teknik
43.	Enhanced Gas Separation Performance of Nano-Hybrid Membrane using Combination of Ultraviolet-Cross-Linking to Produce Anti-Plastization Membrane for Biomethane Production	Dr. Tutuk Djoko Kusworo, ST., M.Eng.	Teknik
44.	Encouraging Community-Based Climate Resilience: The Role of Spatial Planning in The Population Health of Semarang City	Ir. Agung Sugiri, MPSt.	Teknik
45.	DEVELOPMENT OF HIGH STRENGTH BIO-FILM BASED ON MICROFIBRILLATED CELLULOSE OF BAMBOO BY USING EPOXIDIZED WASTE COOKING OIL AS PLASTICIZER AND REINFORCED BACTERIAL CELLULOSE FROM NATA DE COCO TO PROLONG SHELF LIFE OF A LOCAL FOOD PRODUCT QUALITY	Dr. Silviana, ST., MT.	Teknik
46.	IDENTIFICATION OF SCRAPPAGE FLEET AND SHIFTING RATIO FROM INDIVIDUAL VEHICLE TO MASS TRANSPORT FOR SUPPORTING SUSTAINABLE TRANSPORT	Dr. Haryono Setiyo Huboyo, ST., MT.	Teknik
47.	Inter-Region Collaboration Institution Model in The Development of Kotagede, in The Border Area Of Yogyakarta City And Bantul Regency.	Dr. Ir. Hadi Wahyono, MA.	Teknik
48.	Integrated Ecovillage Model: A New Planning Tool for Sustainable Settlement Kampung	Dr. Ir. Nany Yuliastuti, MSP	Teknik
49.	Characteristics and Performance of pH-Sensitive Modified Glucomannan Hydrogel as an Excipient for Vitamin C Controlled Release	Dyah Hesti Wardhani, ST, MT., Ph.D.	Teknik

NO.	JUDUL	NAMA	FAKULTAS/ UNIT
50.	Development Process Of Bioethanol Production From Sweet Sorghum Seed Using Simultaneous Sacharification Fermentation (SSF) Enzymatic Method	Prof. Dr. Ir. Bakti Jos, DEA.	Teknik
51.	DETERMINATION STUDY ON TRACKING INDEX OF EPOXY RESIN MIXED SILICON RUBBER AND NANO-SILICA (SiO ₂) AS FILLER UNDER TROPICAL CLIMATE CONDITION	Dr. Abdul Syakur, ST., MT.	Teknik
52.	The emergence of peripheralization: Challenges to overcome the inequality of development in Greater Surakarta	Dr.-Ing. Wisnu Pradoto, ST., MT.	Teknik
53.	Design and Optimization of Energy Efficient Fluidized Bed Dryer For Production High Quality Paddy	Dr. Ing. Suherman, ST., MT.	Teknik

Semarang, 18 April 2016
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