

STAFF HANDBOOK

Name : Prof. Dr. Ir. Budi Prasetyo Widyobroto, DESS., DEA., IPU., ASEAN Eng.

Post : Nutrisi dan Produksi Ternak Perah

Academic carrer : S1 UGM
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Research over the last 5 years

No.	Judul Penelitian <i>Research Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
1.	Pengembangan <i>Blended</i> Suplemen Protein-Mineral untuk Peningkatan Produktivitas Sapi Perah Laktasi	2020-2023	PTUPT, PTNBH-Kemdikbudristek
2.	Peningkatan Efisiensi Nutrien Pakan, Produksi dan Kualitas Susus Sapi Perah dengan Penambahan Minyak Atsiri Lengkuas	2021	PSS-PPD, PTNBH-Kemdikbudristek
3.	Pengaruh Bioaktif Beberapa Legum terhadap Status Metabolik, Endokrinologik, Laktogenik, dan Imunologik Sapi Perah Periode Periparturien In Vitro	2020	Rekognisi Tugas Akhir, UGM
4.	Kontribusi Ekskresi Basal Terhadap Total Eksresi Derivat Purin Dalam Urin Domba Garut Jantan dan Betina	2020	Hibah Pascasarjana Fakultas Peternakan UGM
5.	Analisis Fitokimia dan Uji Aktivitas Antioksidan Beberapa Legum Pakan Ternak	2020	Hibah Tematik Laboratorium Fakultas Peternakan UGM
6.	Pengaruh Bioaktif Beberapa Legum Terhadap Status Metabolik, Endokrinologik, Laktogenik, Dan Imunologik Sapi Perah Periode Periparturien In Vitro	2019	Program Rekognisi Tugas Akhir, UGM
7.	Evaluasi Status Nutrisi dan Upaya Perbaikannya untuk Meningkatkan Produktivitas Peternakan Sapi Perah Rakyat	2019	Penelitian Terapan Unggulan Perguruan Tinggi, Ristekdikti
8.	Identifikasi Asam Amino Glukogenik pada Beberapa Legum	2019	Hibah Penelitian Tematik Laboratorium Fakultas Peternakan UGM
9.	Suplementasi Pakan Sumber Lemak dan Protein Terproteksi Terhadap Produksi dan Kualitas Susu Sapi Perah	2018	Penelitian Pendidikan Magister menuju Doktor untuk Sarjana Unggul (PMDSU), Ristekdikti

No.	Judul Penelitian <i>Research Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
10.	Evaluasi Status Nutrisi dan Upaya Perbaikannya untuk Meningkatkan Produktivitas Peternakan Sapi Perah Rakyat	2018	Penelitian Terapan Unggulan Perguruan Tinggi (PTUPT), Ristekdikti
11.	Pengaruh Nutrisi dan Hormon Metabolik terhadap Fertilitas pada Induk Sapi Peranakan Friesian Holstein di Peternakan Rakyat	2018	Penelitian Pendidikan Magister menuju Doktor untuk Sarjana Unggul (PMDSU), Ristekdikti
12.	Profil Biokimia Darah dan Hormon Steroid pada Kambing Peranakan Ettawa yang Dipelihara Secara Semi Intensif	2018	Penelitian Pendidikan Magister menuju Doktor untuk Sarjana Unggul (PMDSU), Ristekdikti
13.	Karakteristik Senyawa Galatogog dalam Rumen dan Efektivitas Senyawa Imunomodulator Tanaman Legum In Vitro	2018	Hibah Tematik Laboratorium, Fakultas Peternakan UGM
14.	Identifikasi Senyawa Galaktogog dan Imunomodulator untuk Sapi Perah Periode Perparturien dari Tanaman Legum	2018	Hibah Pascasarjana, Fakultas Peternakan UGM
15.	Identifikasi Fertilitas Sapi Perah Peranakan Friesian Holstein berdasarkan Kadar Urea Nitrogen dan Leptin dalam Darah	2018	Hibah Pascasarjana, Fakultas Peternakan UGM
16.	Evaluasi Status Nutrisi dan Upaya Perbaikannya untuk Meningkatkan Produktivitas Peternakan Sapi Perah Rakyat (Tahun I)	2017	PUPT DIKTI
17.	Pengaruh Nutrisi dan Hormon Metabolik terhadap Fertilitas pada Induk Sapi Peranakan Friesian Holstein di Peternakan Rakyat	2017	PMDSU DIKTI
18.	Profil Biokimia Darah dan Hormon Steroid pada Kambing Peranakan Ettawa yang Dipelihara Secara Semi Intensif	2017	PMDSU DIKTI
19.	Suplementasi Pakan Sumber Lemak dan Protein Terproteksi Terhadap Produksi dan Kualitas Susu Sapi Perah	2017	PMDSU DIKTI
20.	Upaya Peningkatan Produksi dan Kualitas Susu Sapi Perah Rakyat (Binaan PT Indolakto) di Peternakan Karangploso-Malang melalui Perbaikan Ransum	2017	PT. Indofood Riset Nugraha
21.	Identifikasi Faktor yang Mempengaruhi Komposisi Asam Lemak pada Susu kambing: Studi Kasus pada Peternak Kambing PE di Kabupaten Sleman	2017	Hibah Tematik Laboratorium Fakultas Peternakan UGM
22.	Pengaruh Penambahan Minyak Kulit Biji Mete dalam Pakan terhadap Sintesis Protein Mikrobia Rumen dan Balans Nitrogen pada Kambing Bligon	2017	Hibah Pascasarjana Fakultas Peternakan UGM

No.	Judul Penelitian Research Title	Tahun Year	Sumber Dana Source of Funds
23.	Suplementasi Sumber Energi Cepat Terdegradasi dan Asam Lemak Rantai Panjang pada Pakan Campuran Rumput-Legum: Efek pada Kecernaan, Karakteristik Fermentasi Rumen, dan Produksi Gas Metan secara In Vitro	2017	Hibah Pascasarjana Fakultas Peternakan UGM
24.	Evaluasi Status Nutrisi dan Upaya Perbaikannya untuk Meningkatkan Produktivitas Peternakan Sapi Perah Rakyat (Ketua dari 3 Peneliti)	2016	PUPT DIKTI
25.	Karakteristik Laktasi dan Evaluasi Pemberian Pakan Kambing Perah Saanen di Balai Besar Pembibitan Ternak Unggul dan Hijauan Pakan Ternak Baturraden Purwokerto (Ketua dari 6 Peneliti)	2016	Hibah Penelitian Tematik Laboratorium Fakultas Peternakan UGM
26.	Evaluasi Metode Proteksi Bahan Pakan Sumber Lemak dan Protein terhadap Degradasi Protein dan Lemak secara In Sacco dan In Vitro (Ketua dari 5 Peneliti)	2016	Hibah Pascasarjana Fakultas Peternakan UGM
27.	Nilai Kecernaan in Sacco dan in Vitro serta Karakteristik Fermentasi Rumen Complete Feed dari Limbah Industri Kerupuk Ikan Remang (Congresox talabon) sebagai Sumber Protein Pakan Alternatif (Anggota dari 5 Peneliti)	2016	Hibah Pascasarjana Fakultas Peternakan UGM
28.	Identifikasi Fertilitas Sapi Perah Peranakan Friesian Holstein Berdasarkan Kadar Urea Dalam Susu (Anggota dari 3 Peneliti)	2016	Fundamental DIKTI
29.	Pemetaan Industri Peternakan Sapi Perah Rakyat sebagai Dasar Implementasi Teknologi Peternakan Berbasis Kearifan Lokal dalam Rangka Peningkatan Ekonomi Peternak (Anggota dari 5 Peneliti)	2016	PUPT DIKTI
30.	Suplementasi Pakan Sumber Lemak dan Protein Terproteksi Terhadap Produksi dan Kualitas Susu Sapi Perah (Anggota dari 4 Peneliti)	2016	PMDSU DIKTI
31.	Pengaruh Nutrisi dan Hormon Metabolik terhadap Fertilitas pada Induk Sapi Peranakan Friesian Holstein di Peternakan Rakyat (Anggota dari 4 Peneliti)	2016	PMDSU DIKTI

Community Service over the last 5 years

No.	Judul Kegiatan Activity Title	Tahun Year	Sumber Dana Source of Funds
1.	Penerapan Konsep Mode pada Industri Susu Kambing Rakyat di Daerah Istimewa Yogyakarta	2020	Hibah Tematik Pengabdian Laboratorium Fakultas Peternakan UGM
2.	Pembimbingan Penerapan Good Dairy Farming Practise bagi Peternak Kambing Perah di Turi dan	2019	Fakultas Peternakan Universitas Gadjah

No.	Judul Kegiatan <i>Activity Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
	Berbah Sleman		Mada
3.	Peningkatan Kualitas Susu Menuju Upaya Pemasaran Susu Mandiri di Kelompok Andini Gotro, Tempel, Sleman	2018	Hibah Pengabdian Tematik Laboratoruim Fakultas Peternakan UGM
4.	Penguatan Kelompok Peternak Sapi Perah Menuju Konsep Agribisnis Persusuan Tangguh: Implementasi Good Dairy Practices di Kelompok Peternak	2017	Hibah Tematik Pengabdian Fakultas Peternakan
5.	Peningkatan Produktivitas Ternak Melalui Penguatan Kelompok dan Pengenalan Bank Hijauan Pakan di Kelompok Ternak Dusun Pereng, Desa Sumberharjo, Kecamatan Prambanan, Kabupaten Sleman	2017	Hibah Pascasarjana Fakultas Peternakan
6.	Penguatan Kelompok Peternak Sapi Perah Menuju Konsep Agribisnis Persusuan Tangguh: Penguatan Manajemen Sapi Perah	2016	Hibah Tematik Pengabdian Fakultas Peternakan

Important publications over the last 5 years

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
1.	Physiological responses of the Holstein Friesian dairy cows raised under tropical conditions in Indonesia (H Leondro, BP Widyobroto , A Agus)	2021	Journal of Physics: Conference Series 1869 (1), 012161
2.	Determination of in vitro Gas Production Kinetics by Adding Leucaena leucecophala and Corn Oil to the Ration in Different Ratios (CT Noviandi, K Kustaantinah, A Irawan, BP Widyobroto , A Astuti)	2021	Iranian Journal of Applied Animal Science 11 (1), 23-31
3.	Microenvironment identification and the feed availability for dairy cows during dry and wet seasons in the main dairy areas of Yogyakarta–Indonesia (BP Widyobroto , CT Noviandi, A Astuti)	2020	Journal of Animal Behaviour and Biometeorology 7 (2), 86-91
4.	Lactation Characteristic of Etawah Crossed Breed Goats Under Intensive Management A Yustina Yuni Suranindyah, Budi Prasetyo Widyobroto , Sulvia Dwi Astuti SW, Tridjoko Wisnu Murti	2020	Buletin Peternakan 44 (1), 22-26
5.	The Use of Essential Oils as Rumen Modifier in Dairy Cows (DAR Daning, C Hanim, BP Widyobroto , LM Yusiati)	2020	WARTAZOA. Indonesian Bulletin of Animal and Veterinary Sciences 30 (4), 189-200
6.	The Effect of Soybean Meal Heating Time on the in vitro Digestibility and Ruminant	2020	Iranian Journal of Applied Animal Science 10 (4), 595-

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Fermentation Profile (W Wulandari, BP Widyobroto , CT Noviandi, A Agus)		601
7.	Effect of <i>Leucaena leucocephala</i> and corn oil on ruminal fermentation, methane production and fatty acid profile: an in vitro study (A Irawan, CT Noviandi, BP Widyobroto , A Astuti, S Ates)	2020	Animal Production Science 61(5) 459-469 https://doi.org/10.1071/AN20003
8.	Behavior and blood profile in Friesian-Holstein dairy cows in the special region of Yogyakarta, Indonesia (MF Hudaya, PI Sitaresmi, CT Noviandi, BP Widyobroto , DT Widayati)	2020	Journal of Animal Behaviour and Biometeorology 8 (4), 244-249
9.	Identification of Glucogenic Amino Acids Content in <i>Gliricidia maculata</i> as an Alternative Energy Source for High-Yielding Periparturient Dairy Cows (Sulvia Dwi Astuti SW, BP Widyobroto , A Agus, LM Yusiati)	2020	Buletin Peternakan 44 (2): 15-19
10.	Single Nucleotide Polymorphism of Sex Determining Region-Y Gene Coding Sequences in Belgian Blue Bull and Wagyu Bull Crossbred Cattle (T Hartatik, S Bintara, I Ismaya, P Panjono, BP Widyobroto , A Agus, IGS Budisatria, P Leroy)	2020	IOP Conference Series: Earth and Environmental Science 478 (1), 012020
11.	The Effect of Nutmeg Leaves Tannin (<i>Myristica fragrans</i> Houtt) as Protein Protecting Agents on In Vitro Nutrient Digestibility (AA MONICA CANADIANTI, Lies Mira Yusiati, Budi Prasetyo Widyobroto)	2020	Buletin Peternakan 44 (1), 10-14
12.	The genotype of growth hormone gene that affects the birth weight and average daily gain in crossbred beef cattle (T Hartatik, A Fathoni, S Bintara, DOAP Panjono, BP Widyobroto , A Agus, IGS Budisatria, P Leroy)	2020	Biodiversitas 21 (3), 941-945
13.	Effects of body condition score and estrus phase on blood metabolites and steroid hormones in Saanen goats in the tropics (Pradita Iustitia Sitaresmi, Budi Prasetyo Widyobroto , Sigit Bintara and Diah Tri Widayati)	2020	Veterinary World, 13(5): 833-839. EISSN: 2231-0916
14.	Association of IGFBP-3 gene polymorphism g. 3.930 G> A with birth size and birth weight in crossbred beef cattle (T Hartatik, DA Priyadi, P Panjono, S Bintara, I Ismaya, IGS Budisatria, BP Widyobroto , A Agus)	2019	Journal of the Indonesian Tropical Animal Agriculture 44 (4), 356-363
15.	The effect of Andromed® and coconut	2019	IOP Conference Series: Earth

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	water+ 20% egg yolk as diluent on semen motility of Belgian Blue cattle (RN Aji, A Agus, BP Widyobroto , T Hartatik, IGS Budisatria, A Fathoni, S Kumala, S Bintara)		and Environmental Science 387 (1), 012127
16.	Effect of Cashew Nutshell Oil Supplementation as Phenol Source for Protein Protection on In Vitro Nutrient Digestibility (Rahma Fitriastuti, Lies Mira Yusiati, Budi Prasetyo Widyobroto , Zaenal Bachruddin, and Chusnul Hanim)	2019	Buletin Peternakan 43 (4): 225-230
17.	Effect of Different Bovine Serum Albumin (BSA) Levels on the Sperm Viability of Ongole Cross Bred Bull during 5° C Storage (A Rachmawati, BP Widyobroto , S Bintara, T Susilawati)	2019	IOP Conference Series: Earth and Environmental Science 478 (1), 012068
18.	In vitro digestibility of ruminant diet in response to protected feed substitution (BP Widyobroto , CT Noviandi, A Agus)	2019	IOP Conference Series: Earth and Environmental Science 387 (1), 012113
19.	Exfoliative vaginal cytology of Saanen goat (<i>Capra hircus</i>) during estrus cycle (PI Sitaresmi, BP Widyobroto , S Bintara, DT Widayati)	2019	IOP Conference Series: Earth and Environmental Science 387 (1), 012009
20.	Nutrient intake of lactating dairy cows during the wet and dry seasons in Sleman, Yogyakarta (A Astuti, BP Widyobroto , CT Noviandi)	2019	IOP Conference Series: Earth and Environmental Science 387 (1), 012067
21.	The effect of 0.6 and 0.8% Bovine Serum Albumin (BSA) levels in the Cauda Epididymal Plasma-2 (CEP-2) diluent to maintain Ongole Crossbred post-thawing motility sperm (A Rachmawati, BP Widyobroto , S Bintara, T Susilawati)	2019	IOP Conference Series: Earth and Environmental Science 387 (1), 012034
22.	Phenotypic characteristics of Belgian Blue x Brahman Cross and Wagyu x Brahman Cross crossbred population (LLN Adi, A Agus, BP Widyobroto , IGS Budisatria, S Bintara, T Hartatik)	2019	IOP Conference Series: Earth and Environmental Science 387 (1), 012036
23.	Identification of galactogogues in <i>Gliricidia maculata</i> (SD Astuti, BP Widyobroto , A Agus, LM Yusiati)	2019	IOP Conference Series: Earth and Environmental Science 387 (1), 012119
24.	Effects of undegradable dietary protein on milk production and composition of lactating dairy cows (H Leondro, BP Widyobroto , A Agus)	2019	IOP Conference Series: Earth and Environmental Science 387 (1), 012004
25.	The effect of protected soybean meal as a protein supplement on blood metabolites of lactating dairy cows (H Leondro, BP Widyobroto , A Adiarto, A Agus)	2019	Jurnal Ilmu-Ilmu Peternakan (Indonesian Journal of Animal Science) 29 (2): 178-184

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
26.	Blood and Hormonal Profile Association with the Length of Estrous Cycle in Saanen Etawah Crossbreed Goat (Sigit Bintara, Diah Tri Widayati, Pradita Iustitia Sitaresmi, Putri Kusuma Astuti, Budi Prasetyo Widyobroto)	2019	Asian J. Biol. Sci. 12 (Http://knowledgiascientific.com), 187-191
27.	Transportasi Laut Ternak Hidup (Kambing - Domba) (FG Winarno dan Budi Prasetyo WB)	2019	PT. Gramedia Jakarta. ISBN: 978-602-06-2015-2
28.	Cortisol and Blood Urea Nitrogen Profiles in Fertile and Repeat-breeder Holstein-friesian Crossbred Cows (Budi Prasetyo Widyobroto , Yustina Yuni Suranindyah Diah Tri Widayati, Adiarto)	2019	Pak. J. Biol. Sci 22 (Asian Network for Scientific Information), 356-360
29.	Impact of Extended Lactation on Fatty Acid Profile and Milk Composition of Dual Purpose Tropical Goat (Yustina Yuni Suranindyah, Rochijan, Budi Prasetyo Widyobroto and Sulvia Dwi Astuti)	2019	Pakistan Journal of Biological Sciences 23 (2): 113-118
30.	The effect of protected soybean meal as a protein supplement on blood metabolites of lactating dairy cows (Henny Leondro, Budi Prasetyo Widyobroto , Adiarto and Ali Agus)	2019	Jurnal Ilmu-Ilmu Peternakan, 2019. 29(2) : 178 – 184
31.	Estrus Detection Through Vaginal pH in Saanen Etawah Crossbreed Goats (T Widayati, I Sitaresmi, S Bintara, BP Widyobroto)	2018	Pakistan journal of biological sciences: PJBS 21 (8), 383-386
32.	Exfoliative vaginal cytology and vaginal acidity profile in Ettawa-Saanen grade does PI Sitaresmi, PK Astuti, BP Widyobroto , S Bintara, DT Widayati	2018	International Journal of Pure and Applied Mathematics 118 (24), 1-16
33.	Dairy cows productivity and socio-economic profile of dairy smallholder's communities in Yogyakarta, Indonesia (BP Widyobroto , CT Noviandi, A Astuti)	2018	IOP Conference Series: Earth and Environmental Science 119 (1), 012060
34.	Aplikasi Inseminasi Buatan pada Induk Sapi Potong Menggunakan Se-men Cair Sapi Peranakan Ongole dengan Pengencer Cauda Epidydymal Plasma-2+ 0, 6% Bovine Serum Albumin (A Rachmawati, I Ismaya, BP Widyobroto , S Bintara, T Susilawati)	2018	Jurnal Ilmu-Ilmu Peternakan (Indonesian Journal of Animal Science) 28 (3): 247-258
35.	SRY Gene Marker Differences in Native and Crossbreed Cattle (Tety Hartatik, Dwi Ahmad Priyadi, Ali Agus, Sigit Bintara, I Gede Suparta Budisatria, Panjono Panjono, Budi Prasetyo Widyobroto , Yudi Adinata)	2018	Buletin Peternakan 42(3): 179-183
36.	Motilitas Post-Thawing Spermatozoa Sapi	2018	Prosiding Simposium

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Peranakan Ongole dalam Pengencer Cauda Epididymal Plasma-2 Dengan Level Bovine Serum Albumin yang Berbeda (Achadhiah Rachmawati, Ismaya, Budi Prasetyo Widyobroto , Sigit Bintara dan Trinil Susilawati)		Nasional Penelitian dan Pengembangan Peternakan Tropik 2018 "Inovasi Teknologi Peternakan Menyongsong Era Industri 4.0". Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta, 5 November 2018. Hal. 167-172. ISBN: 978-979-1215-33-6
37.	Effect of Feeding High Proportion Concentrates Containing Tofu Waste on Nutrient Consumption, Milk Production, Body Condition Score and Postpartum Mating Period of Dairy Goats in Yogyakarta, Indonesia (Yustina Yuni Suranindyah, Rochijan, Adiarto, Budi Prasetyo Widyobroto , Sulvia Dwi Astuti and Tridjoko Wisnu Murti)	2018	Pakistan Journal of Nutrition, 17(12): 702-708
38.	Effect of Different Rumen Undegraded Protein Level on Feed Consumption, Nutrient Digestion, Body Weight and Body Condition Score in Early Lactating Dairy Cattle (Budi Prasetyo Widyobroto , Rochijan, Fajar Satrio Pradana and Lies Mira Yusiati)	2018	OnLine Journal of Biological Sciences, 18 (2): 247.253
39.	Evaluation of Feeding High Proportion Concentrates Containing Tofu Waste On Nutrient Consumption, Milk Production and Body Condition Score of Dairy Goat in Smallholder of Yogyakarta (Yustina Yuni Suranindyah, Adiarto, Astuti, S.D., Tridjoko Wisnu Murti, Budi Prasetyo Widyobroto)	2018	Book of Abstract : The International Food Science and Agrotechnology Conference 2018 (IFOSAC), 7 – 9 Agustus 2018, Terengganu, Malaysia. pp.56
40.	Pre-Weaning Growth of Calves of Brahman Cross Cows Sired with Wagyu and Belgian Blue Bull (Panjono, A. Agus, T. Hartatik, S. Bintara, I. Ismaya, B.P. Widyobroto , I.G.S. Budisatria, D.A. Priyadi, P. Leroy and N. Antoine-Moussiaux)	2018	Book of Abstracts of the 69th Annual Meeting of the European Federation of Animal Science, Dubrovnik, Croatia, 27-31 August 2018. eISBN: 978-90-8686-871-1 ISBN: 978-90-8686-323-5. https://doi.org/10.3920/978-90-8686-871-1 Volume 24. Wageningen Academic Publishers. pp. 384
41.	Effect of Feeding High Proportion Concentrates Containing Tofu Waste on Nutrient Consumption, Milk Production,	2018	Pak. J. Nutr., 17 (12): 702-708, 2018

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Body Condition Score and Postpartum Mating Period of Dairy Goats in Yogyakarta, Indonesia (Yustina Yuni Suranindyah, Rochijan, Adiarto, Budi Prasetyo Widyobroto , Sulvia Dwi Astuti and Tridjoko Wisnu Murti)		
42.	The effect of lactation stage on fatty acid profile and sensory properties of Etawah Crossbred goat milk (Suranindyah Y., Adiarto, Widyobroto B.P. , Murti T.W., Astuti S.D., Rochijan)	2018	Proceedings of the 10th International Symposium on the Nutrition of Herbivores (ISNH 2018), Volume 9, Issue 3, ISSN: 2040-4700. 2-6 September 2018, Clermont-Ferrand, France, pp 450. https://symposium.inra.fr/isnh2018 . Penerbit: Cambridge University Press
43.	The feed availability for dairy cows during dry and wet seasons in the main dairy areas of Yogyakarta–Indonesia (Widyobroto B.P. , Rochijan, Noviani C.T., Astuti A.)	2018	Proceedings of the 10th International Symposium on the Nutrition of Herbivores (ISNH 2018), Volume 9, Issue 3, ISSN: 2040-4700. 2-6 September 2018, Clermont-Ferrand, France, pp 740. https://symposium.inra.fr/isnh2018 . Penerbit: Cambridge University Press
44.	Accuracy of Estrus Detection Through Vaginal pH in Saanen Ettawah Crossbreed Goat (Diah Tri Widayati, Pradita Iustitia Sitaresmi, Sigit Bintara, Budi Prasetyo Widyobroto)	2018	Book of Abstract : The International Food Science and Agrotechnology Conference 2018 (IFOSAC), 7 – 9 Agustus 2018, Terengganu, Malaysia. pp. 57
45.	Reproductive Efficiency on Beef Cow using Ongole Cross Bred Liquid Semen with CEP-2 Diluent +0.6% Bovine Serum Albumin (BSA) (Rachmawati, A., Ismaya, Widyobroto, B.P. , Bintara, S., Susilawati, T. & Anggraini, L.J.)	2018	E-Proceedings 18th AAAP Congress 2018, 1-5 Aug. 2018, Kuching, Malaysia. pp. 64
46.	Effect of Different Protein and Energy Level of Dairy Cows Ration on Milk Urea Nitrogen Concentration and Milk Protein in the Dairy Smallholders (Rochijan, Widyobroto, B.P. , Indratiningsih, Guntoro, B.)	2018	E-Proceedings 18th AAAP Congress 2018, 1-5 Aug. 2018, Kuching, Malaysia. pp. 558
47.	Progesterone and Biochemical Profile of Ettawa-Saanen Crossbreed Goats in Turi	2017	International Journal of Dairy Science Vol. 12 No 4,

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Area, Yogyakarta-Indonesia (Pradita Iustitia Sitaesmi, Budi Prasetyo Widyobroto , Sigit Bintara and DiahTri Widayati)		2017. Pages:.289-294 eISSN: 1811-9751,
48.	Intangible Costs Resulting from Inefficient Feeding and Water Usage in Smallholder Dairy Farm in Indonesia (Tri Anggraeni Kusumastuti, Rochijan, Budi Prasetyo Widyobroto , Budi Guntoro and Ambar Pertiwiningrum)	2017	International Journal of Dairy Science Volume 12, Number 3, 211-217, 2017. Published by: Academic Journal Inc. ISSN: 1811-9751, pISSN: 1811-9743. DOI: 10.3923/ijds.2017.211.217
49.	Estradiol Concentration and Estrous Behaviour in Tropical Heifers Supplemented with Undegradable Protein (Novia Dimar Dwitarizki, Ismaya, Budi Prasetyo Widyobroto , Sigit Bintara, and Tety Hartatik)	2017	Journal of Animal and Veterinary Advances, 2017, Vol. 16, Issue: 1. Page No.: 24-31. ISSN: 1680-5593. DOI: 10.3923/javaa.2017.24.31. URL:http://medwelljournals.com/abstract/?doi=javaa.2017.24.31
50.	In Vitro Degradation and Rumen Fermentation Characteristics of Soybean Meal Protected with Different Levels of Formaldehyde (Wulandari, Budi Prasetyo Widyobroto , Cuk Tri Noviandi, and Ali Agus)	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 73-78. ISBN: 978-979-1215-29-9
51.	Estimate the Milk Production of Friesian Holstein (Fh) Based on Incomplete Record in Balai Besar Pembibitan Ternak Unggul-Hijauan Pakan Ternak (BBPTU-HPT) Baturraden, Banyumas, Central Java (Sumadi, Asriana Dwi Martanti, Adiarto, Tety Hartatik, Budi Prasetyo Widyobroto , Akhmad Fathoni)	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 765-768. ISBN: 978-979-1215-29-9
52.	The effect of different bovine albumin serum in cauda epididymal plasma-2 diluter to Ongole filial sperm motility during chilling storage (Achadiyah Rachmawati, Ismaya, Budi Prasetyo Widyobroto , Sigit Bintara, Trinil Susilawati)	2017	Program and Abstract Book of the Sixth SAADC Conference, Batu 16 – 19 October 2017“Wisdom of Using Local Resources for Development of Sustainable Animal Production in Developing Countries”. Batu City, Indonesia. Page: 128
53.	The Effect of Rumen Undegradable Protein Level of Concentrate with Rice Straw as Basal Diet on Growth Performance of	2017	Buletin Peternakan Vol. 41 (2): 142-149, Mei 2017 ISSN-0126-4400 E-ISSN-

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Sumba Ongole Beef Cattle (Ainin Fauzyah, Panjono, Ali Agus, I Gede Suparta Budisatria, and Budi Prasetyo Widyobroto)		2407-876X DOI: https://doi.org/10.21059/buletinpeternak.v41i2.11990
54.	The Performance of Milk Production, Total Milk Revenue and Reproduction Indicators on Dairy Smallholders in Yogyakarta and East Java, Indonesia (Sudi Nurtini, Rochijan, Budi Guntoro, Budi Prasetyo Widyobroto , Indratiningsih and Nafiatul Umami)	2017	Buletin Peternakan Vol. 41 (2): 212-218, Mei 2017 ISSN-0126-4400 E-ISSN-2407-876X DOI: https://doi.org/10.21059/buletinpeternak.v41i2.23152
55.	Evaluation of Friesian Holstein Grade Cows Fertility Based the Level of Milk Urea (Diah Tri Widayati, Yustina Yuni Suranindyah, Laelatul Rahmah, Budi Prasetyo Widyobroto)	2017	Jurnal Kedokteran Hewan, Universiyiah Kuala. Vol. 11 No. 1: 23-26. P-ISSN : 1978-225X; E-ISSN : 2502-5600. http://www.jurnal.unsyiah.ac.id/JKH/article/view/4929
56.	Kinerja Reproduksi Sapi Betina Sumba Ongole yang Diinseminasi dengan Semen Beku Sapi Jantan Belgian Blue (Reproductive Performances of Sumba Ongole Cows Inseminated with Frozen Belgian Blue Semen). (Riyan Nugroho Aji, Panjono, Ali Agus, Budi Prasetyo Widyobroto , Tety Hartatik, I Gede Suparta Budisatria, Ismaya, Sigit Bintara)	2017	Buletin Peternakan Vol. 41 (4): 379-384., November 2017 ISSN-0126-4400 E-ISSN-2407-876X. Penerbit: Fakultas Peternakan UGM, Yogyakarta
57.	THE INDONESIAN SAGO PALM: Unraveling its potential for national development (Ambariyanto, Budi Prasetyo Widyobroto , Bustanul Arifin, Eko Handayanto, Fenny Martha Dwivanny F.G Winarno, Purwiyatno Hariyadi, Widjaja Lukito, Winarti Tjondro Kusumo)	2017	PT. Gramedia Jakarta. ISBN: 978-602-03-4277-1
58.	Strategi Peningkatan Adopsi Inovasi pada Peternakan Sapi Perah Rakyat di Daerah Istimewa Yogyakarta, Jawa Tengah, dan Jawa Timur (Septi Nur Wulan Mulatmi, Budi Guntoro, Budi Prasetyo Widyobroto , Sudi Nurtini, dan Ambar Pertiwiningrum)	2016	Buletin Peternakan Vol. 40, No. 3 (2016): 219-227. ISSN: 0126-4400
59.	The Impact of Balanced Energy and Protein Supplementation to Milk Production and Quality in Early Lactating Dairy Cows (B. P. Widyobroto , R. Rochijan, I. Ismaya, A. Adiarto, Y. Y. Suranindyah)	2016	Journal of the Indonesian Tropical Animal Agriculture Vol. 41(2):83-90. ISSN: 2460-6278
60.	Respon Koefisien Toleransi Panas Kambing Perah Saanen terhadap Indeks Suhu dan Kelembaban Lingkungan pada Manajemen Pemeliharaan di BBPTU-HPT Baturraden (Budi Prasetyo Widyobroto , Sulvia Dwi	2016	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Astuti SW, Adiarto, Yustina Yuni Suranindyah, Tridjoko Wisnu Murti, Bugi Rustamadji)		Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 215
61.	Penerapan Metode Kompetisi untuk Meningkatkan Pengetahuan Peternak dalam Memilih Kambing Perah (Trisakti H, Y.Yuni S, Dyah M, Diah TW, Andriyani A, Suci P, Budi Prasetyo Wb , Bastian TA dan P. Saepul)	2016	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 359-363
62.	The Effect of Supplementation Ginger (<i>Z. Officinale</i>) Powder on Fedd Consumption, Milk Production and Components of Goat (Yuni Suranindyah, Nurliyani Nurliyani, Budi Prasetyo Widyobroto)	2016	Proceedings of The 17 th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka Japan
63.	Estimation of Microbial Protein Synthesis Based on Excretion of Purine Derivate Using Spot Sampling Methode in Fat-Tail and Thin-Tail Sheep (Tutik Lusya Aulyani, Lies Mira Yusiati, Budi Prasetyo Widyobroto , Zaenal Bachrudin, Chusnul Hanim)	2016	Proceedings of The 17 th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka Japan
64.	Effect of High Rumen Undegraded Protein (HRUP) Supplementation on Estrous Response and Progesterone Hormone Profile in Dairy Cows Raised under Indonesia Tropical Environmental Condition (Rochijan, Budi Prasetyo Widyobroto and Ismaya)	2016	Asian Journal of Animal Sciences Volume 10, Issue 3, 2016, Pages 1-7. ISSN: 1819-1878
65.	Impact of High Rumen Undegraded Protein (HRUP) Supplementation to Blood Urea Nitrogen and Reproduction Performance in Early Lactation Dairy Cows (Rochijan, Budi Prasetyo Widyobroto and Ismaya)	2016	International Journal of Dairy Science 11(1): 28-34
66.	Marketing and Institutional Characteristics of Dairy Industry In Indonesia (Budi Guntoro, Budi Prasetyo Widyobroto , Nafiatul Umami, Indratiningsih, Sudi Nurtini, Ambar Pertiwiningrum and Rochijan)	2016	International Journal of Environmental & Agriculture Research (IJOEAR), Vol. 2, Issue 3, March 2016, pp : 106-114, Indexed by Thomson Reuters, Impact Factor: 1.238. Publihed by: AD Publications Sector-3, MP Colony, Bikaner, India. ISSN: 2454-1850
67.	The Performance of Milk Production, Total Milk Revenue and Reproduction Indicators	2016	Proceedings of the 1 st UGM International Conference on

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	on Dairy Smallholders in Daerah Istimewa Yogyakarta and East Java Province, Indonesia (Sudi Nurtini, Rochijan, Budi Guntoro, Budi Prasetyo Widyobroto , Indratiningsih and Nafiatul Umami)		Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia

Courses

1. Ilmu Ternak Perah
2. Industri Ternak Perah
3. Biologi Laktasi Ternak Perah Tropik
4. Filsafat Ilmu
5. Sistem Produksi Ternak
6. Sistem Produksi Ternak Perah
7. Industri Ternak Perah dan Persusuan
8. Teknik Penelitian Produksi Ternak
9. Filosofi dan Etika Penelitian
10. Progres Sistem Produksi Ternak
11. Kode etik dan etika profesi insinyur
12. Profesionalisme Keinsinyuran
13. Keselamatan, Kesehatan, Keamanan Kerja dan Lingkungan
14. Studi Kasus
15. Seminar, Workshop dan Diskusi
16. Praktek Keinsinyuran
17. Manajemen Administrasi Pendidikan Tinggi
18. Sistem Informasi Perguruan Tinggi

Achievements/Awards

No.	Prestasi/Penghargaan <i>Achievements/Awards</i>	Tahun <i>Year</i>
1.	Dosen Teladan UGM (Rektor UGM)	1996
2.	Dosen Teladan Nasional (Mendiknas)	1996
3.	Peneliti Penyaji Poster Terbaik (P2M Dikti)	1997
4.	Satya Lencana Karya Satya 10 tahun (Presiden RI)	2006
5.	Kesetiaan 25 tahun Universitas (Rektor UGM)	2011
6.	Satya Lencana Karya Satya 30 tahun (Presiden RI)	2016
7.	Satya Lencana Karya Satya 35 tahun (Presiden RI)	2020