

## Staff Handbook

Name	<i>Prof. Ir. Budi Guntoro, S.Pt., M.Sc., IPU., ASEAN Eng.</i>		
Post	<i>Community Development and Tropical Agricultural Development Management</i>		
Academic career	<i>Professional Engineering (IPU)</i>	<i>Universitas Gadjah Mada</i>	<i>2018</i>
	<i>Professor (Prof)</i>	<i>Universitas Gadjah Mada</i>	<i>2017</i>
	<i>Doctorate</i>	<i>Kasetsart University I Thailand</i>	<i>2005</i>
	<i>Graduate degree</i>	<i>University of the Philippines I Los Bandos</i>	<i>2000</i>
	<i>Undergraduate degree</i>	<i>Universitas Gadjah Mada</i>	<i>1994</i>
Employment	<i>Professor</i>	<i>Universitas Gadjah Mada</i>	<i>2017- present</i>
	<i>Associate Professor</i>	<i>Universitas Gadjah Mada</i>	<i>2007-2017</i>
	<i>Assistant Professor</i>	<i>Universitas Gadjah Mada</i>	<i>2001-2007</i>
Research and development projects over the last 5 years	<p><i>Research projects:</i></p> <ol style="list-style-type: none"> <li><i>1. Development Strategy for Alternative Dairy Cattle Feed Supplements Based on Local Ingredients and the Process of Adopting Innovations to Increase Productivity (2020)</i> <i>Source of Funds: PTUPT, PTNBH-Kemenristekdikti</i></li> <li><i>2. The Pig Industry Value Chain in the Case of the ASF Outbreak in Tra Vinh Province – Vietnam (2020)</i> <i>Source of Funds: Final Project Recognition Universitas Gadjah Mada</i></li> <li><i>3. Impact of the Covid-19 Outbreak on Beef Supply Chain Management in Yogyakarta (2020)</i> <i>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</i></li> <li><i>4. Risk Analysis and Mitigation Strategies for Dairy Cattle Breeders in Sleman Regency (2020)</i> <i>Source of Funds: Faculty of Animal Science Universitas Gadjah Mada Postgraduate Research Grants</i></li> <li><i>5. Risk Analysis of Dairy Cattle Business in Sleman Regency, Yogyakarta (2019)</i> <i>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</i></li> <li><i>6. Sustainability of Beef Cattle Business in Semi-Intensive and Intensive Maintenance in South Konawe Regency, Southeast Sulawesi Province (2019)</i> <i>Source of Funds: Faculty of Animal Science Universitas Gadjah Mada Postgraduate Research Grants</i></li> </ol>		

	<p>7. <i>Evaluation of Dairy Cattle Productivity, Motivation and Social Network of Farmers in the Sarono Makmur Farmer Group, Sleman (2018)</i></p> <p><i>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>8. <i>Efforts to Increase Production and Quality of People's Dairy Cattle (Guided by PT Indolakto) in Karangploso-Malang Farm through Ration Improvement (2017)</i></p> <p><i>Source of Funds: Indofood Research Nugraha</i></p> <p>9. <i>The Relationship between Farmer Characteristics and Milking Motivation and Goat Business Scale in Girikerto Village, Turi District, Sleman Regency (2017)</i></p> <p><i>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>10. <i>Effect of Managerial Ability, Motivation, and Opportunity on Business Performance of Kaligesing Goat Breeders in Purworejo (Chairman of 5 Researchers) (2016)</i></p> <p><i>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>11. <i>Mapping of the People's Dairy Farming Industry as a Basis for the Implementation of Livestock Technology Based on Local Wisdom in the Context of Improving the Livestock Economy (Chairman of 5 Researchers) (2016)</i></p> <p><i>Source of Funds: PUPT DIKTI</i></p> <p><i>Community Service over the last 5 years</i></p> <p>1. <i>Increasing Knowledge and Positive Attitudes of Small-Scale Laying Chicken Farmers About Disinfecting and Emptying Cages in Gunungkidul Regency (2020)</i></p> <p><i>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>2. <i>Assistance for Margo Mulyo Livestock Group Based on Productive Activities Through Cooperative Development (2019)</i></p> <p><i>Source of Funds: Faculty of Animal Science Universitas Gadjah Mada Postgraduate Research Grants</i></p> <p>3. <i>Development of a School of Livestock Production System for Beef Cattle Breeders in Pengkok Village, Patuk, Gunungkidul (2018)</i></p> <p><i>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>4. <i>Development of a School of Livestock Production System for Beef Cattle Breeders in Pengkok Village, Patuk, Gunung Kidul (2017)</i></p> <p><i>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</i></p>
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	<p>5. <i>Empowerment of Goat Breeders through Institutional Capacity-building of Farmer Groups in Kadireso Hamlet, Triwidadi Village, Pajangan District, Bantul Regency (2016)</i></p> <p><i>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>6. <i>Counseling on Integrated Livestock and Agriculture Integration in Communities in Trenggalek Regency, East Java (2016)</i></p> <p><i>Source of Funds: PETA Pondok Foundation</i></p>
Industry collaborations over the last 5 years	-
Patents and proprietary rights	<p>1. <i>Concentrated Feed for Cattle Based on Plantation and Agricultural Waste (Endang Baliarti, Ali Agus, I Gede Suparta Budisatria, Bambang Suhartanto, <b>Budi Guntoro</b>, Panjono, Yunardi, Bambang Suwignyo, Sigit Bintara, Fransiskus Trisakti Haryadi, Bayu Andri Atmoko, Hamdani Maulana)</i> 2019</p>
Important publications over the last 5 years	<p><i>Total number of publications: 45</i></p> <p>1. <i>The Influence of Gold Food Indonesia Meat Shop's Service Quality on Customer Satisfactions and Customer Loyalty during the Pandemic of Covid-19 (Bagus Prayogo, <b>Budi Guntoro</b>, MAU Muzayyanah) (2021)</i></p> <p><i>Publisher: Advances in Biological Sciences Research, Volume 18 Proceedings of the 9th International Seminar on Tropical Animal Production (ISTAP 2021)</i></p> <p>2. <i>Risk Analysis for Beef Cattle Farmers in Banyuasin Regency (FAA Hafiz, B Guntoro, S Andarwati, NH Qui) (2021)</i></p> <p><i>Publisher: Advances in Biological Sciences Research, Volume 18 Proceedings of the 9th International Seminar on Tropical Animal Production (ISTAP 2021)</i></p> <p>3. <i>Penta helix Element Synergy as an Effort to Develop Tourism Villages in Indonesia (N Chamidah, AHPK Putra, DM Mansur, <b>B Guntoro</b>) (2021)</i></p> <p><i>Publisher : Jurnal Manajemen Bisnis 8 (1), 01-22</i></p> <p>4. <i>The Profiling of the Farmers with Semi-Intensive and Intensive Cattle Production Systems in South Konawe District, Southeast Sulawesi Province (AET Sulfiar, BA Atmoko, <b>B Guntoro</b>, IGS Budisatria) (2020)</i></p> <p><i>Publisher: IOP Conference Series: Earth and Environmental Science 465 (1), 012061</i></p> <p>5. <i>Study of Pasture Productivity for Semi-Intensive Cattle System during Dry Season in the South Konawe Regency, Southeast Sulawesi</i></p>

	<p>(AET Sulfiar, BA Atmoko, <b>B Guntoro</b>, IGS Budisatria) (2020)  <i>Publisher : Buletin Peternakan, 44 (3): 85-91</i></p> <p>6. <i>The Social Profile, Constraints, and Its Impact on Swine Herd Size in Tra Vinh Province, Vietnam (NH Qui, <b>B Guntoro</b>, SP Syahlani) (2020)</i>  <i>Publisher: Tropical Animal Science Journal 43 (4), 385-390</i></p> <p>7. <i>Anomali Heterodoksa Dalam Praktik Komunikasi Kelompok Mantongan Pada Produksi Garam Rakyat di Surabaya (MI Rosyidi, <b>B Guntoro</b>, AB Raya, E Rasyid) (2020)</i>  <i>Publisher : Jurnal KMP (Jurnal Komunikasi Pembangunan) 18 (01), 55-56</i></p> <p>8. <i>Marketing Communication and Synergy of Pentahelix Strategy on Satisfaction and Sustainable Tourism (Nurul Chamidah, <b>Budi Guntoro</b>, Endang Sulastri) (2020)</i>  <i>Publisher: Journal of Asian Finance, Economics and Business Vol 7 No 3 (2020) 177-190</i></p> <p>9. <i>Challenges, Opportunities, and Prospects of Swine Industry in Vietnam (Nguyen Hoang Qui and <b>Budi Guntoro</b>) (2020)</i>  <i>Publisher:: Proceeding International Conference on Green Agro-Industry (ICGAI) Volume 4, 2020   Pages: 189-196.</i></p> <p>10. <i>The effect of lemongrass (Cymbopogon citratus) supplement on growth performance and carcass characteristics of Pekin ducks (Nguyen Thuy Linh, <b>Budi Guntoro</b>, Hoang Qui Nguyen, Nguyen Duy Khang, Nguyen Thi Dau, Nguyen Van Vui) (2020)</i>  <i>Publisher: Journal of the Indonesian Tropical Animal Agriculture 45(2):136-142</i></p> <p>11. <i>Supplementation with Ginger (Zingiber officinale) Improved Growth Performance and Carcass Traits of Dong Tao Chickens (<b>Budi Guntoro</b>, Lam Thai Hung, Ly Thi Thu Lan, and Nguyen Hoang Qui) (2020)</i>  <i>Publisher: Livestock Research for Rural Development 32 (9) 2020</i></p> <p>12. <i>Value chain analysis and benefit distribution of Pig industry in Vietnam (Qui Hoang Nguyen, <b>Budi Guntoro</b>, Suci Paramitasari Syahlani, and Nguyen Thuy Linh) (2020)</i>  <i>Publisher: Uncertain Supply Chain Management Vol 8 No. 4 (2020) 685–692</i></p> <p>13. <i>Effect of sprouted rough rice on growth performance of local crossbred chickens (Nguyen Thuy Linh, <b>Budi Guntoro</b>, Nguyen Hoang Qui, and Nguyen Thi Anh Thu) (2020)</i>  <i>Publisher: Livestock Research for Rural Development 32 (10) 2020</i></p> <p>14. <i>Study of Pasture for Semi-Intensive Cattle Grazing in the Dry Season in the South Konawe Regency, Southeast Sulawesi Province (AET.</i></p>
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	<p>Sulfiar, BA Atmoko, <b>B. Guntoro</b>, IGS. Budisatria) (2019)  <i>Publisher: 4th Animal Production International Seminar. Universitas Brawijaya, Malang, 24-27 October 2019.</i></p> <p>15. <i>Communication network of buffalo farmers in lar Gili Rakit of Sumbawa Island West Nusa Tenggara, Indonesia (PJ Islamiah, FT Haryadi, <b>B Guntoro</b>) (2019)</i>  <i>Publisher: IOP Conference Series: Earth and Environmental Science 387 (1), 012068</i></p> <p>16. <i>Dynamic Responses of Livestock Farmers to Smart Farming (<b>B Guntoro</b>, QN Hoang, AQ A'yun) (2019)</i>  <i>Publisher IOP Conference Series: Earth and Environmental Science 372 (1), 012042</i></p> <p>17. <i>Development of Learning Material for the Livestock Production System at the Beef Cattle Farmers (R. Ahmad Romadhoni Surya Putra, Fransiskus Trisakti Haryadi, <b>Budi Guntoro</b>, Endang Sulastri, Siti Andarwati) (2019)</i>  <i>Publisher: Jurnal Pengabdian kepada Masyarakat Vol. 5 No. 2: 237-250.</i></p> <p>18. <i>Roles of Extension on Small Farmers to Adapt The Development of Smart Farming (<b>Budi Guntoro</b> and Nguyen Hoang Qui) (2019)</i>  <i>Publisher: Prosiding Seminar Nasional PERSEPSI IV &amp; Call for Papers: Spirit Humanisme di Era Revolusi Industri Bidang Peternakan. Makasar, 21-22 Agustus 2019, halaman 14-39.</i></p> <p>19. <i>Menakar Keberlanjutan Produksi Garam Rakyat di Surabaya (Mochammad Imron Rosyidi, <b>Budi Guntoro</b>, Alia Bihrajihant Raya, Siti Khabir Rasyida Sa'idatin Ahmad) (2018)</i>  <i>Publisher : Seminar Nasional Program Studi Agribisnis Fakultas Pertanian Universitas Jember, 617-628</i></p> <p>20. <i>Development of Beef and Dairy Industries in Indonesia: Government's Initiative and Future Directions (Agus, A., <b>Guntoro, B.</b> &amp; Putra, A. R. S.) (2018)</i>  <i>Publisher: E-Proceedings 18th AAAP Congress 2018, 1-5 Aug. 2018, Kuching, Malaysia. pp. 7</i></p> <p>21. <i>Effect of Different Protein and Energy Level of Dairy Cattle Ration on Milk Urea Nitrogen Concentration and Milk Protein in the Dairy Smallholders (Rochijan, Widyobroto, B.P., Indratiningsih, <b>Guntoro, B.</b>) (2018)</i>  <i>Publisher: E-Proceedings 18th AAAP Congress 2018, 1-5 Aug. 2018, Kuching, Malaysia. pp. 558</i></p> <p>22. <i>Relationship Between Farmer's Characteristics with the Motivation of Goat Milking in the Girikerto Village Turi District Sleman Regency (Siti Andarwati, Trisakti Haryadi, <b>Budi Guntoro</b>, Endang Sulastri,</i></p>
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Raden Ahmad Romadhoni Surya Putra, and Gunawan) (2018)

Publisher: Buletin Peternakan Vol. 42 No.3 Halaman 256-261.

23. *Persepsi Pengunjung terhadap Kebun Binatang Gembira Loka sebagai Daya Tarik Wisata (Perception of Visitor on Gembira Loka Zoo as Tourism Attraction)* (**Budi Guntoro**, Galan Feri Setiawan) (2018)

Publisher: Jurnal Kebijakan Pembangunan Peternakan. Vol 1. No. 1, hal. 64-73. ISSN 2621-7651 <http://persepsi.org/>.

24. *Intangible Costs Resulting from Inefficient Feeding and Water Usage in Smallholder Dairy Farm in Indonesia (Penulis ke-4 dari 5)* (2017)

Publisher: 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

25. *The Performance of Milk Production, Total Milk Revenue and Reproduction Indicators on Dairy Smallholders in Yogyakarta and East Java, Indonesia (Penulis ke-2 dari 5)* (2017)

Publisher: 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>.

26. *Strategi Peningkatan Adopsi Inovasi pada Peternakan Sapi Perah Rakyat di Daerah Istimewa Yogyakarta, Jawa Tengah, dan Jawa Timur (Penulis ke-2 dari 5)* (2016)

Publisher: Buletin Peternakan Vol. 40, No. 3 (2016): 219-227. ISSN: 0126-4400

27. *Potensi Hijauan Makanan Ternak di Bawah Lahan Perkebunan Kelapa Sawit Sei Rokan Riau (Penulis ke-8 dari 13)* (2016)

Publisher: Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 94-100

28. *Performan Induk Sapi Bali Selama Bunting yang Dipelihara Peternak Mitra PT. Perkebunan Nusantara V Riau (Penulis ke-8 dari 14)* (2016)

Publisher: Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 216-221

29. *Arus Komunikasi dan Adopsi Inovasi di Peternakan Kambing Kaligesing, Purworejo (Penulis ke-1 dari 6)* (2016)

Publisher: Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-

1215-28-2, hal: 347-350

30. *Communication Flows and Adoption of Innovation in Goat Farming, Purworejo, Indonesia (Penulis ke-1 dari 3) (2016)*

*Publisher: Proceedings of The 17th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka, Japan*

31. *Behaviour of Bali Cattle During Grazing in Palm Oil Plantation Riau, Indonesia (Penulis ke-8 dari 9) (2016)*

*Publisher: Proceedings of The 17th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka, Japan*

32. *Information Access Capability of Goat Farmers in Purworejo Indonesia (Penulis ke-1 dari 3) (2016)*

*Publisher: Information An International Interdisciplinary Journal, Vol 19, Number 6 (A), June 2016, pages:: 1819-1826, Indexed by Scopus, pages: 0.113. Published by: International Information Institute, ISSN: 1343-4500*

33. *Farmer's Motives in Raising Ettawa Crossbred Goat in Yogyakarta, Indonesia (Penulis ke-1 dari 4) (2016)*

*Publisher: International Business Management Vol: 10 (14), 2016, pages: 2706-2712. Indexed by Scopus. DOI: 10.3923/ibm.2016.2706.2712. Published by: Medwell Journal, ISSN: 1993-5250*

34. *Marketing and Institutional Characteristics of Dairy Industry In Indonesia (Penulis ke-1 dari 7) (2016)*

*Publisher: International Journal of Environmental & Agriculture Research (IJOEAR), Vol. 2, Issue 3, March 2016, pages: 106-114, Indexed by Thomson Reuters, Impact Factor: 1.238. Published by: AD Publications Sector-3, MP Colony, Bikaner, India. ISSN: 2454-1850*

35. *Victor Vroom's Expectation Theory: Pages: location in Goat Smallholder Farmers in Indonesia (Penulis ke-1 dari 2) (2016)*

*Publisher: International Journal of Current Research, Vol. 8, Issue 3, March 2016, pages: 27718-27724. Published by: International Journal of Current Research ISSN: 0975-833X, Indexed by Thomson Reuters Impact Factor: 6,226*

36. *Innovation Adoption of Dairy Goat Farmers in Yogyakarta, Indonesia (Penulis ke-1 dari 3) (2016)*

*Publisher: International Journal of Environmental & Agriculture Research (IJOEAR), Vol. 2, Issue 2, February 2016, pp: 98-109, Thomson Reuters, Impact Factor: 1.238. Published by: AD Publications Sector-3, MP Colony, Bikaner, India, ISSN: 2454-1850*

37. *The Relationship Between Leadership Type, Work Motivation,*

	<p><i>Training of Employee, and Physical Work Environment Toward Employee's Performance of Fastfood Company in Yogyakarta Indonesia (Penulis ke-1 dari 3) (2016)</i></p> <p><i>Publisher: Global Advanced Research Journal of Management and Business Studies, Vol. 5 (1), January 2016, pages: 018-025, Indexed by Universal Impact Factor, Impact Factor (ISI): 1.171. Published by: Global Advanced Research Journals. ISSN: 2315-5086</i></p> <p>38. <i>Value Chain Constraints of Dairy Industry Toward Smallholder Farmer Development in Yogyakarta, Indonesia (Penulis ke-1 dari 4) (2016)</i></p> <p><i>Publisher: Proceedings 3rd International Conference on Advanced Educational Technology and Management Science, AETMS 2016, January 24-25, 2016 Bangkok, Thailand. pp: 329-333 Published by 439 North Duke Street Lancaster, Pennsylvania 17602 U.S.A., ISBN: 978-1-60595-315-1</i></p> <p>39. <i>Wildlife-Animal Tourism Development and Lessons From Indonesia (Penulis Tunggal) (2016)</i></p> <p><i>Publisher: Proceedings The 2nd National and 3rd International Conference "Environmental Friendly Tourism for Sanggun Lee" and The 5th International Conference On Sustainable Tourism Management, 21-22 January 2016 at Pearl Hotel Muang District, Phuket Province, Thailand, pages: 69-76. Published by Research Center for Integrated Ecotourism Management in Southern Thailand Prince of Songkla University. ISBN: 978-616-271-283-8</i></p> <p>40. <i>Implementation Practice of Social and Cultural Values in Rural Development (Penulis ke-2 dari 3) (2016)</i></p> <p><i>Publisher: International Conference on Social Politic "The Challenges of Social Sciences in a Changing World", 26-28 January 2016, Universitas Muhammadiyah Yogyakarta, Indonesia.</i></p> <p>41. <i>The Performance of Milk Production, Total Milk Revenue and Reproduction Indicators on Dairy Smallholders in Daerah Istimewa Yogyakarta and East Java Province, Indonesia (Penulis ke-3 dari 6) (2016)</i></p> <p><i>Publisher: Proceedings of the 1st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October 2016. Yogyakarta, Indonesia</i></p> <p>42. <i>Exploring Farmers' Motivation and Perceived Cohesion: Considerations for Sustainable Dairy Goat Farming in Farmers' Group at the Slope Area of Merapi Volcano, Indonesia (Penulis ke-2 dari 4) (2016)</i></p> <p><i>Publisher: Pakistan Journal of Life and Social Sciences (2016), Vol 14 (2), pages: 123-128. E-ISSN: 2221-7630, P-ISSN: 1727-4915</i></p> <p>43. <i>Urgency of Farmer Participation in Livestock Value Chain Development in Indonesia (Penulis Tunggal) (2016)</i></p> <p><i>Publisher: Proceedings International Conference on Agricultural</i></p>
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	<p><i>Development in the context of International Integration: Opportunities and Challenges, ICOAD 2016, December 7-8, Hanoi-Vietnam, pages: 31-40</i></p> <p>44. <i>Kearifan Larangan Jurai dalam Peristiwa Tutur dan Tindakan Tutur Masyarakat (Catatan Etnografi Masyarakat Napal Hijau dalam Melestarikan Kawasan Bukit Kumbang, Muara Sahung Kabupaten Kaur Provinsi Bengkulu (Penulis ke-2 dari 4) (2016)</i></p> <p><i>Publisher: Buku. 5 Bab, 198 halaman. Diterbitkan oleh: Pustaka Pelajar, Agustus 2016. ISBN: 978-602-229-658-4</i></p> <p>45. <i>Cultural Dimensions Toward the Government Communications in the Policy of Street Vendors Relocation at Yogyakarta City (Penulis ke-2 dari 4) (2016)</i></p> <p><i>Jurnal Studi Pemerintahan: Journal of Government and Politics, Vol. 7, No. 4 (2016), pages: 551-557. ISSN: 1907-8374</i></p>
<p>Activities in specialist bodies over the last 5 years</p>	<p>ATMA (Asian Tourism Management Assosiation) Secretary-General 2010-present</p>

