

CURRICULUM VITAE

Personal Identity

Full Name (with title)	Djoko Kuswanto, S.T., M.Biotech.
Staff ID Number	19700912 199702 1 002
National Lecture Identification Number	0012097002
Functional Position	
Structural Position	Penata Tingkat I/III d, Lektor
Date of Birth	Bitung, 12 Septembar 1970
Email Adress	crewol@prodes.its.ac.id , crewolprint3d@gmail.com
Office Adress	FKK Building, ITS Campus
Phone Number	-
Organization Membership	AO-Online CMF Member Plus - Craniomaxillofacial
Website Adress	https://teknosainsmedika.com/

Education Background

	Bachelor's	Master's	Doctorate
College Name	Institut Teknologi Sepuluh Nopember	Universitas Gadjah Mada	
Field of Study	Industrial Design	Bimedical Engineering	
Year	1996	2006	

Research Field

- Digital Design
- 3D Printing
- Prosthesis technooogy
- Medical Imaging

Research and Publication

No.	Year	Research
1	2023	Putri, Indri Lakhsmi; Bogari, Melia; Khoirunnisa, Auliai; Dhafin, Faizal Rezky; Kuswanto, Djoko; "Surgery of Severe Cauliflower Ear Deformity", Journal of Plastic & Reconstructive Surgery-Global Open, Vol. 11, Issue 4, Pages e4953, The American Society of Plastic Surgeons Publisher, April 19, 2023.
2	2023	Kuswanto, Djoko; Triandini, Evi; Baihaqi, Imam; Wibawa, Adhi Dharma; Mahardhika, Panji Satrio; Samboro, M. Yoma Alief; Maharany, Gunanda Tiara; Harseno, Ahmad Rieskha; Dhafin, Faizal Rezky; Asskhaaf, Mochammad Iqbal; "Development of Low Cost Prosthetic Using Circular Economy Approach in Indonesia"; 13th International Conference on Industrial Engineering and Operations Management, Manila,

No.	Year	Research
		Philippines, March 6-9, 2023.
3	2023	Kuswanto, Djoko; Wardana, Galih Yoga; Triandini, Evi; Samboro, M. Yoma Alief; Maharany, Gunanda Tiara; Harseno, Ahmad Rieskha;; "Exploration of Recycling Plastic Waste into Cafe Furniture Products with a Circular Economy Approach"; The 4th International Conference on Business and Engineering Management 2023, Surabaya, February 4, 2023.
4	2022	Kuswanto, Djoko; Samboro, M. Yoma Alief; Maharany, Gunanda Tiara; Harseno, Ahmad Rieskha; Dhafin, Faizal Rezky; Asskhaaf, Mochammad Iqbal; "Subject- Specific EEG Cap design to support the Neuromarketing Platform"; Local Grant Research – ITS
5	2022	Asskhaaf, Mochammad Iqbal; Nurhadi, Hendro; Kuswanto, Djoko; "Development of Bio 3D Printer With PEEK Bio-Compatible Material (Case Study: Cranioplasty Implant); Jurnal Teknik ITS, Vol 11, Issue 2, Pages F29-F34, Direktorat Riset dan Pengabdian Masyarakat (DRPM) ITS.
6	2022	Soetjipto; Endarko; Kuswanto, Djoko; Khairunnisa; "Design and Manufacturing of Glucometer Non Invasive Based Near Infrared", Indonesia Research Collaboration Scheme. Indoensia National Grant Research.
7	2022	Kuswanto, Djoko; Dhafin, Faizal Rezky; Firmansyah, Ahmad Nur; Asskhaaf, Mochammad Iqbal; Jafari, Nadya Paramitha; Community Service Activities; "Movement of a Thousand Open Source Prosthetic Hand Based 3D Printer for People with Disabilities"; ITS - Asosiasi Printridi Indonesia – Rumah Sakit Universitas Airlangga.
8	2022	Prahasanti, Chiquita; Setijanto, Darmawan; Ernawati, Diah Savitri; Ridwan, Rini Devijanti; Buntoro, David; Yuliaty, Anita; Meizarini, Asti; Hendrijantini, Nike; Krismariono, Agung; Supandi, Shafira Kurnia; Saskianti, Tania; Sitalaksmi, Ratri Maya; Kuswanto, Djoko; Putri, Tansza Setiana; Ramadhani, Nastiti Faradilla; Ari, Muhammad Dimas Adiya; Nugraha, Alexander Patera; "Utilization of Polymethyl Methacrylate and Hydroxyapatite Composite as Biomaterial Candidate for Porous Trabecular Dental Implant Fixture Development: A Narrative Review"; Research Journal of Pharmacy and Technology, Pages 1863-1869, Volume 15 Issue 4, Research Journal of Pharmacy and Technology Publishing.
9	2022	Syamsuri, Dara Dasawulansari; Tjokroprawiro, Brahmana Askandar; Kurniawati, Eighty Mardiyani; Utomo, Budi; Kuswanto, Djoko; "Simulation-based training using a novel Surabaya hysterectomy mannequin following video demonstration to improve abdominal hysterectomy skills of obstetrics and gynecology residents during the COVID-19 pandemic in Indonesia: a pre- and post-intervention study", Journal of Educational Evaluation for Health Professions, Vol. 19 Issue 11; JEEHP Publisher.
10	2022	Wahyuningtyas, Riska; Kurniawati, Eighty Mardiyani; Utomo, Budi; Hardianto, Gatut; Paraton, Hari; Hastono, Tri; Kuswanto Djoko; "Obstetrics and Gynecology Residents' Satisfaction and Self-confidence after Anal Sphincter Injury Simulation-based Workshop in Indonesia: A Pre- and Post-Intervention Comparison Study"; Journal of Educational Evaluation for Health Professions, Vol. 19 Issue 4; JEEHP Publisher.
11	2021	Putri, Indri Lakhsmi; Aditra Taufiqur Rakhim; Apriawan, Tedy; Kuswanto, Djoko; Dhafin, Faizal Rezky; Hutagalung, Magda Rosalina; "A Case Report on Lateral Proboscis: A Rare Congenital Anomaly"; The Cleft Palate-Craniofacial Journal; SAGE Publishing
12	2021	Apriawan, Tedy; Bajamal, Abdul Hafid; Hermawan, Yusuf; Fitra, Fitra; Darlan, Ditto; Kamal, Imran Harsam; Kuswanto, Djoko; Dhafin, Faizal Rezky; "Three-dimensional (3D)-printed model reconstruction in pre-operative planning for wooden penetrating brain injury", Journal of Bioprinting, Vol. 24 page e00168, Elsevier.
13	2021	Kuswanto, Djoko; Dhafin, Faizal Rezky; Firmansyah, Ahmad Nur; "Design & Prototyping of Dental Implant Use Polymethyl Methacrylate + Hydroxyapatite Porous Material", Member of Fakultas Kedokteran Gigi – Universitas Airlangga Research Team for LPDP Research Grant.
14	2021	Prihandana, Dimas Bayu; Kuswanto, Djoko; "Analysis of angle comparison for the "Kawung" pattern module development based on additive manufacturing method using 3D filament from recycled plastic waste material", IOP Conference Series: Earth and

No.	Year	Research
		Environmental Science, Vol. 649 Issue 1, page 012038.
15	2021	Kuswanto, Djoko; Dhafin, Faizal Rezky; Opie Dwi Novie: developed most of the textiles for the collection, made from pleated fabric, tulle, net & linen. Afterwards working together with Laboratorium of Integrated Digital Design (iDIG) ITS to produce the 3D printed parts & accessories.
16	2021	Dhafin, Faizal Rezky; Kuswanto, Djoko; Prihandana, Dimas Bayu; "Presentation Video for Odyssey by Opie Ovie Fashion Show at Indonesia Sharia Economic Festival (ISEF) 2021 & Jakarta Muslim Fashion Week 2021", Opie Dwi Novie
17	2021	Dhafin, Faizal Rezky; Kuswanto, Djoko; Midiani, Dina; "Presentation Video of The 2020-2021 Indonesia Fashion Trend Forecasting", Indonesia Ministry of Tourism and Creative Industries, Indonesia Fashion Chamber.
18	2021	Kuswanto, Djoko; Dhafin, Faizal Rezky; Putri, Indri Lakhsmi; Apriawan, Tedy; Integrated Digital Design Research Center for Medical (iDIG-RCMed), An inter- country collaboration carried out by the Integrated Digital Design (iDIG) Laboratory, Department of Industrial Design, Institut Teknologi Sepuluh Nopember ITS Surabaya, in collaboration with @hybridlaboratory from Armenia.
19	2021	Priandika, Binsar Singgih; Kuswanto, Djoko; Zulaikha, Ellya; "Sturdy and modular concept of 2 in 1 public furniture design by recycling massive plastic waste", IOP Conference Series: Earth and Environmental Science, Vol. 649 Issue 1, page 012039

Award

Year	Tittle
2019	1 st Winner of Most Creative Tenant; Imajin 3Days, 3D Printing, and Local MakerFestival, The Breeze, BSD City Tangerang.
2019	20 th years Satyalancana Karya Satya Award, Presiden Joko Widodo, Indonesia.
2017	Award Certificate of 20 years service on ITS, Dwidya Satya Perdana, Institut Teknologi Sepuluh Nopember (ITS), Surabaya.
2012	1 st Winner of Souvenir Design Competition for East Java, Dekranasda, East Java.
2005	Nominator of Smile LG TV Digital Flat "Indonesian LG Design Competition 2005
1994	Nominator of Panther Car Styling Design Competition, Isuzu Indonesia, Jakarta

Guest Lecture and Speaker

No.	Year	Subject
1.	2023	Guest Lecture, Biomedical Day, Faculty of Electrical Engineering, Institut Teknologi Telkom Purwokerto, September 23, 2023.
2.	2023	Guest Lecture, Neurotrauma and Neurointensive Care Workshop, The World Congress of Young Neurosurgeon (ACNS – YNS), Faculty of Medicine, Universitas Airlangga, July 29, 2023.
3.	2023	Guest Lecture, "Writing Scopus & ERIC Index Articles for Educational Research", Rajamanggala University of Technology Thanyaburi, Thailand, July, 2. 2023.
4.	2023	Keynoter Speaker, Seminar Cranioplasty Cranial Defect : Current and Future Strategies, KSM Bedah Saraf RSUP H.Adam Malik Universitas Sumatera Utara, May22, 2023.
5.	2023	Keynote Speaker, 7th National Conference 2023 – Industrial Engineering Department, Universitas Sumatera Utara, "Development of Low-Cost Prosthetic Using Circular Economy Approach for Disability in Indonesia", May 20, 2023, Medan.

Job Experience

No.	Year	Job	Institution
1	2022	Vice Chairman	Asosiasi Printridimensi Indonesia
2	2021 - Now	Secretary	Ethic Committee in Institut Teknologi Sepuluh Nopember
3	2020 - Now	Founder	Odyssey, fashion brand, in collaboration with Opie-Ovie Fashion Designer, member of Indonesia Fashion Chamber (IFC) Jakarta Chapter.
4	2019- now	Medical Engineer	Integrated Digital Design Research Center for Medical (iDIGRCMed), Airlangga University Hospital.
5	2018- now	Head	Laboratory of Integrated Digital Design, Department of Industrial Design ITS Surabaya
6	2018 - now	Founder	Rumah Prostesis Indonesia Foundation, Production & Donation of Prosthetic for Amputee

Course and Training

No.	Year	Title	Institution
1	2021	Research Leadership and Management Exercise	Intitut Teknologi Sepuluh Nopember Surabaya
2	2021	Basic and Advanced Ethics in Health and Good Clinical Research Practices for Ethics Committee Certification Training	Institut Teknologi Sepuluh Nopember Surabaya
3	2020	Basic and Advanced Ethics in Health for Ethics Committee Certification Training	Universitas Muhammadiyah Yogyakarta
4	2019	Reverse Engineering and Metal, Resin 3D Printer Training	Integrated Digital Design Research Center for Medical (iDIGRCMed), Airlangga University Hospital.