

Agus Windarto, DEA, Ph.D

Associate Professor ITS Surabaya, NIDN 0019085809

Academician and Practitioner; Innovation Design, Institute Technology of Sepuluh Nopember (ITS) Surabaya.

Education: Doctorate in Universite de Technologie De Compiegne France (UTC) (1992). Master Degree: Ecole Nationale Supérieure d'Arts et Métiers (ENSAM) Paris (1988) and Bachelor: Intitute Technology Bandung (ITB) (1985),



Research Experiences: Principal Investigator: Design Engineering & Prototyping Exterior Interior Carbody of Indonesia High Speed Train, collaboration with PT INKA (Indonesia National Rolling Stock Industry) sponsored by RISPRO LPDP (2019-2023). Design Engineering & Prototyping Mini & Medium Electric Scooter sponsored by Matching Fund Kedaireka Ministry of Education Culture, Research & Technology (2021). Design Engineering & Prototyping High Speed Train Driver Simulator & Executive Passenger Seat sponsored by National Research & Innovation Agency (BRIN) (2022-2023). Design Engineering & Prototyping Smart Laryngoscope & Portable isolation Room (Indonesia Innovation Program for COVID-19) sponsored by Ristek BRIN 2019-2021, Design Engineering & Prototyping Sleeper Seat for Priority Train Coach (2019), Design Engineering & Prototyping Light Rail Transit (LRT) Jakarta-Bogor-Depok-Bekasi (Jabodebek) (2017-2018) sponsored by BRIN, Design Engineering & Prototyping LRT Palembang (2016-2017). Design, Concept and Engineering of Airport Railink Service (ARS) Soekarno Hatta Jakarta (2013), Design Engineering & Prototyping of Locomotive Double Cabin CC300 for PT INKA (2010-2012).

Professional Experiences: Director of ITS Design Center (2000-now), Creative Center-Science Techno Park (STP) ITS (2018-2023), BCIC-Bali Creative Industry Center Ministry of Industry (2015-2017), IDP- Indonesia Design Power - Ministry of Trade (2007- 2009) Indonesia Creative Industry Initiation Program Program Director of Sinergi BIG DIKTI Entrepreneurship (2009-2012), Deputy Director for Aircraft Interior, R&D IPTN-Indonesian Aircraft Industry (1992-1997)

Projects: Coordinator Project & Concept of Indonesia Manufacturer Center (IMC) for Ministry of Industry (2022). Grand Strategy and Research Programs of Indonesian Creative Economy Chamber (2015-2018), Interior Design, Exhibition & Multimedia area for MNC News Center - Indonesian Broadcast TV Commercial Group (2013-2015), Interior Design, Branding & Art Program of Antammedika Hospital (2013), Interior Design, Concept & Content for Multimedia Gallery of IDX (Indonesian Stock Exchange) (2011-2012), Interior Design & Exhibition of Museum Bank Indonesia - Jakarta (2001-2005). Coordinator of Interior & Digital design for Al Akbar Mosque Surabaya (1996-2000)

Courses & Certifications; Industrial Design Aerospatiale France (1989-1991). Ergonomics Transportation, Paris.(1990), Automotive Design Larry Shinoda Design, General Motor Company - PT Astra International (1992), Incubator & Innovation Technology University of Texas at Austin USA (1993), Integrated Digital Design Singapore (1995). Aircraft Interior Design & Certification at C&D Aerospace, California USA (1996), CATIA 3D Experience–NSI Jakarta (2000 & 2018)

Awards :

Good Design Indonesia (GDI) 2022 Ministry of Trade for Mini E-Scooter GESITS M1, Medium E-Scooter GESITS M1, and Light Rail Transit (LRT) Jabodebek Indonesia

Intellectual Property: 24 Industrial Design Rights, and 3 Patents