

CommIT

Communication and Information Technology
JOURNAL

Editor in Chief

Feryanto E. Gunawan - Bina Nusantara University, Indonesia

Executive Editors

Noerlina - Bina Nusantara University, Indonesia

Associate Editors

Benny Tjahjono - Coventry University, United Kingdom
Mahardhika Pratama - University of South Australia, Australia
Horacio Pérez Sánchez - Universidad Católica de Murcia (UCAM), Spain
Ngoc Thanh Nguyen - Wrocław University of Technology, Poland
Yogesana Kanagasigam - The University of Notre Dame Australia, Australia

Guest Editors

Bernardi Pranggono - Anglia Ruskin University, United Kingdom
Hiroomi Homma - Toyohashi University of Technology, Japan
Irwanda Laory - University of Warwick, United Kingdom
Matthieu Luras - IMT Mines Arbi-Carmaux, France
Nico Surantha - Tokyo City University, Japan
Thomas Köhler - Institute of Vocational Education and Vocational Didactics, Germany
Worapan Kusakunniran - Mahidol University, Thailand
Yasuhiro Kanto - Ibaraki University, Japan
Emir Mauludi Husni - Bandung Institute of Technology (ITB), Indonesia
Hasballah Zakaria - Bandung Institute of Technology (ITB), Indonesia
Mauridhi Hery Purnomo - Institute Teknologi Sepuluh Nopember, Indonesia
Antoni Wibowo - Bina Nusantara University, Indonesia
Benfano Soewito - Bina Nusantara University, Indonesia
Sani M. Isa - Bina Nusantara University, Indonesia
Satryo Soemantri Brodjonegoro - Bandung Institute of Technology (ITB), Indonesia
Spits Warnars Harco Leslie Hendric - Bina Nusantara University, Indonesia
Suhajito - Bina Nusantara University, Indonesia

Language and Layout Editors

Eka Yanti Pangputri - Bina Nusantara University, Indonesia
Shavira Sarashita - Bina Nusantara University, Indonesia
Dina Nurfitri - Bina Nusantara University, Indonesia
Holil - Bina Nusantara University, Indonesia
Atmawati - Bina Nusantara University, Indonesia

Secretariat

Dewi Novianti - Bina Nusantara University, Indonesia

Aims and Scope

CommIT is a semiannual journal, published in May and October. Journal of Communication and Information Technology focuses on various issues spanning in Computer Engineering, Computer Science, and Information System. CommIT has been accredited by the Ministry of Research, Technology and Higher Education under the decree number 105/E/KPT/2022 and has been indexed and abstracted by Scopus, ASEAN Citation Index, Directory of Open Access Journals (DOAJ), Science and Technology Index 1 (SINTA 1), Indonesia OneSearch, Academic Research Index (Research BIB), Garda Rujukan Digital (Garuda), Bielefeld Academic Search Engine (BASE), World Catalogue (WorldCat), Google Scholar, and Indonesian Research Repository (Neliti).

Publications

CommIT Journal (ISSN 1979-2484) is published biannual by the Research and Technology Transfer Office (RTTO) Bina Nusantara University at Kampus Anggrek, Jl. Kebon Jeruk Raya No. 27, Kemanggis/Palmerah, Jakarta Barat 11530, telp. (021) 5327630, ext. 1708, E-mail: commit@binus.edu

Home page: <https://journal.binus.ac.id/index.php/commit>



Contents

Satria Nur Saputro; Faisal Dharma Adhinata; Ummi Athiyah Classification Taxonomies Genus of 90 Animals Using Transfer Learning Resnet-152	1–15
Ucuk Darusalam; Novi Dian Nathasia; Muhammad Zarlis; Purnomo Sidi Priambodo Simulating Free-Space Optical Communications to Support a Li-Fi Access Network in a Smart City Concept	17–27
Arta Moro Sundjaja; Ariel Velasco Tatuil; Dionisius Vincent Scholus; Yolanda Dwi Restiani The Determinant Factors of Shopping Cart Abandonment Among E-commerce Customers in Indonesia	29–38
Ferzha Putra Utama; Raden Muhamad Hilmi Nurhadi Uncovering the Risk of Academic Information System Vulnerability through PTES and OWASP Method	39–51
Denok Kurniasih; Paulus Israwan Setyoko; Mohammad Nurul Huda Insights into Mobile Government Adoption Factors: A Comprehensive Analysis of Peduli Lindungi Application in Indonesia	53–65
I Gusti Agung Anom Yudistira; Rinda Nariswari; Samsul Arifin; Abdul Azis Abdillah; Puguh Wahyu Prasetyo; Nanang Susyanto Program Evaluation and Review Technique (PERT) Analysis to Predict Completion Time and Project Risk Using Discrete Event System Simulation Method	67–76
Aryunto Soetedjo; Evy Hendriarianti Leaf Temperature Measurement Using Low-Resolution Thermal Camera Based on Thresholding and Clustering Techniques	77–88
Andry Chowanda; Ananda Kevin Refaldo Sariputra; Ricardo Gunawan Prananto Object Detection Model for Web-Based Physical Distancing Detector Using Deep Learning	89–98
Richard Alison; Welly Jonathan; Derwin Suhartono Analyzing the Effects of Combining Gradient Conflict Mitigation Methods in Multi-Task Learning	99–107
Khanh Nguyen-Huu; Ninh Duong-Bao; Luong Nguyen Thi; Le Do Thi; Thuy Huynh Thi Thu; Seon-Woo Lee An Adaptive Heading Estimation Method based on Holding Styles Recognition Using Smartphone Sensors	109–121