

Identity

Name	: SANDFRENI, S.SI, M.T
NIDN	: 0304029101
Lecturer Field Cluster	: INFORMATICS ENGINEERING
Courses	: Fasilkom /Information Systems Study Program
Link Google Scholar	: https://scholar.google.com/citations?hl=id&user=M1OqBEKAAAAJ
Link Sinta	: https://sinta.kemdikbud.go.id/authors/detail?id=5976250&view=overview



Education

Education Level	Institution Name	Date of Diploma
Bachelor	SRIWIJAYA UNIVERSITY	Aug 16, 2012
Master	BANDUNG INSTITUTE OF TECHNOLOGY	Jul 31, 2015

Teaching

Era	Course Code	Course Name
2015 - 2016 Odd	CCR117	Software Engineering
2015 - 2016 Odd	CCS111	Database System
2015 - 2016 Odd	CSB210	Object-Oriented Programming
2015 - 2016 Odd	CSM324	Knowledge Management
2015 - 2016 Even	CCR117	Software Engineering
2015 - 2016 Even	CIB126	Object-Oriented Programming
2015 - 2016 Even	CSB210	Object-Oriented Programming
2015 - 2016 Even	CSP425	Project Management Si
2015 - 2016 Even	CSS306	Advanced Database System
2016 - 2017 Odd	CCR117	Software Engineering
2016 - 2017 Odd	CCS111	Database System
2016 - 2017 Odd	CSL118	Leadership
2016 - 2017 Odd	CSO417	Object Oriented Database
2016 - 2017 Even	CIB126	Object-Oriented Programming
2016 - 2017 Even	CIL230	Advanced Algorithms
2016 - 2017 Even	CSB210	Object-Oriented Programming
2016 - 2017 Even	CSP425	Project Management Si
2017 - 2018 Odd	CCB210	Database
2017 - 2018 Odd	CCM110	Discrete Mathematics
2017 - 2018 Odd	CSI310	Information System Implementation
2017 - 2018 Even	CCO120	Computer Organization And Architecture
2017 - 2018 Even	CCP220	Web Programming
2017 - 2018 Even	CSA120	Information Needs Analysis
2017 - 2018 Even	CSM221	Information Systems Project Management
2018 - 2019 Odd	CCB210	Database
2018 - 2019 Odd	CCM110	Discrete Mathematics
2018 - 2019 Odd	CCS210	OS
2018 - 2019 Odd	CSI310	Information System Implementation
2018 - 2019 Even	CCA220	Information System Analysis and Design
2018 - 2019 Even	CCO120	Computer Organization And Architecture
2018 - 2019 Even	CSA120	Information Needs Analysis
2018 - 2019 Even	CSM221	Information Systems Project Management
2019 - 2020 Odd	CCB210	Database
2019 - 2020 Odd	CSA120	Information Needs Analysis
2019 - 2020 Odd	CSI310	Information System Implementation

2019 - 2020 Even	CCI120	Computer Organization and Architecture
2019 - 2020 Even	CCP220	Web Programming
2019 - 2020 Even	CSI310	Information System Implementation
2019 - 2020 Even	CSM221	Information Systems Project Management
2020 - 2021 Odd	CCD211	Database
2020 - 2021 Odd	CSI310	Information System Implementation
2020 - 2021 Odd	CSM221	Information Systems Project Management
2020 - 2021 Odd	CTI211	Object-Oriented Programming
2020 - 2021 Even	CCI120	Computer Organization and Architecture
2020 - 2021 Even	CCM110	Discrete Mathematics
2020 - 2021 Even	CSI310	Information System Implementation
2020 - 2021 Even	CSS220	Information Needs Analysis
2020 - 2021 Even	CTI220	Software Development
2021 - 2022 Odd	CCM110	Discrete Mathematics
2021 - 2022 Odd	CSS210	Software Engineering
2021 - 2022 Odd	CSE320	E-Business
2021 - 2022 Odd	CSS310	Information System Implementation
2021 - 2022 Odd	CSS410	Information System Evaluation
2021 - 2022 Even	CCI120	Computer Organization and Architecture
2021 - 2022 Even	CSS220	Information Needs Analysis
2021 - 2022 Even	CSS221	Information Systems Project Management
2021 - 2022 Even	CTI220	Software Development
2021 - 2022 Even	CTI421	Social Issues and Information Technology Profession

Research

No.	Research Title	Output	Research Team
1	COMPARISON OF SPATIAL DOMAIN STEGANOGRAPHY TECHNIQUES WITH TRANSFORMATION DOMAINS IN AUDIO	Accredited National Journals Sinta 3 and Sinta 4	217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor I) 215090609 - SANDFRENI, S.SI, M.T (Contributor II) 220030826 - ANIK HANIFATUL AZIZAH, S.Kom, M.IM (Contributor III)
2	ANALYSIS OF THE DESIGN OF THE INFORMATION SYSTEM OF THE STUDY CENTER AT THE FACULTY OF COMPUTER SCIENCE, ESA UNGGUL UNIVERSITY	Accredited National Journals Sinta 3 and Sinta 4	215090609 - SANDFRENI, S.SI, M.T (Contributor I) 217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor II) 220030826 - ANIK HANIFATUL AZIZAH, S.Kom, M.IM (Contributor III)
3	ANALYSIS OF THE EFFECTIVENESS OF USING THE OFFICIAL PORTAL MERDEKA BELAJAR KAMPUS MERDEKA USING THE DELONE AND MCLEAN MODEL	Accredited National Journals Sinta 3 and Sinta 4	220030826 - ANIK HANIFATUL AZIZAH, S.Kom, M.IM (Contributor I) 215090609 - SANDFRENI, S.SI, M.T (Contributor II) 217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor III)
4	THE INFLUENCE OF THE MERDEKA BELAJAR KAMPUS MERDEKA (MBKM) PROGRAM ON STUDENTS IN THE INFORMATICS ENGINEERING STUDY PROGRAM, FACULTY OF COMPUTER SCIENCE, ESA UNGGUL UNIVERSITY	Unaccredited National Journals	215090609 - SANDFRENI, S.SI, M.T (Mandiri)
5	PSYCHOEDUCATION FOR PUBLIC ELEMENTARY SCHOOL TEACHERS IN MAKASSAR SUBDISTRICT, EAST JAKARTA ABOUT CHILDREN WITH SPECIAL NEEDS	Unaccredited National Journals	221080854 - MARIYANA WIDIASTUTI, S.Psi, M.Psi (Contributor I) 213080481 - YENY DURIANA WIJAYA, S.Psi, M.Psi (Contributor II) 215090609 - SANDFRENI, S.SI, M.T (Contributor III)
6	CLASSIFICATION OF CERVICAL CANCER USING THE CONVOLUTIONAL NEURAL NETWORK ALEXNET MODEL	Accredited National Journals Sinta 3 and Sinta 4	218030726 - HABIBULLAH AKBAR, S.Si, M.Sc, Ph.D (Contributor I) 215090609 - SANDFRENI, S.SI, M.T (Contributor II)
7	APPLICATION OF THE ORGANIZATION GOAL-ORIENTED REQUIREMENTS ENGINEERING (OGORE) METHOD FOR THE CONSTRUCTION OF A PHYSIOTHERAPY CLINIC REGISTRATION SYSTEM	Accredited National Journals Sinta 1 and Sinta 2	
8	ELISITATION OF THE NEEDS OF THE FISIOTERAP CLINIC REGISTRATION SYSTEM WITH THE ORGANIZATION GOAL-ORIENTED REQUIREMENTS ENGINEERING (OGORE) METHOD	Accredited National Journals Sinta 1 and Sinta 2	209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor I) 215090609 - SANDFRENI, S.SI, M.T (Contributor II) Revando Prastya (Contributor III)
9	COMBINING ORGANIZATION GOAL-ORIENTED ELICITATION AND WIREFRAME FOR FISHERY PRODUCT SALES MOBILE APPLICATION DESIGN	International Seminars (Proceedings)	209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor I)

			215090609 - SANDFRENI, S.SI, M.T (Contributor II)
10	ENGINEERING THE DEVELOPMENT OF FABRICATION INFORMATION SYSTEMS USING THE ENGINEERING METHOD NEEDS ROLE BASED GOAL ORIENTED	Unpublished Thoughts (stored in pt library)	215090609 - SANDFRENI, S.SI, M.T (Contributor I) 209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor II)
11	IMPLEMENTATION OF A SIMPLIFIED GOAL-ORIENTED REQUIREMENTS LANGUAGE (GRL) METHOD TO ELIMINATE THE NEEDS OF THE E-COMMERCE SYSTEM	Unpublished Thoughts (stored in pt library)	209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor I) 215090609 - SANDFRENI, S.SI, M.T (Contributor II)
12	PSYCHOEDUCATION FOR EARLY CHILDHOOD EDUCATORS ABOUT CHILDREN WITH SPECIAL NEEDS IN THE TELUK GONG AREA OF NORTH JAKARTA	Unaccredited National Journals	221080854 - MARIYANA WIDIASTUTI, S.Psi, M.Psi (Contributor I) 213080481 - YENY DURIANA WIJAYA, S.Psi, M.Psi (Contributor II) 215090609 - SANDFRENI, S.SI, M.T (Contributor III)
13	THE USE OF SOFT SYSTEM METHODOLOGY IN THE DEVELOPMENT OF SYSTEMS IN AN ORGANIZATION: A CASE STUDY ATTRACTS TOURISTS IN THE DEVELOPMENT OF TOURISM INFORMATION SYSTEMS	International Seminars (Proceedings)	215090609 - SANDFRENI, S.SI, M.T (Contributor I) 209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor II)
14	SPECIFICATIONS OF MOBILE APPLICATIONS FOR THE SALE OF FISH USING WIREFRAMES AND GOAL-ORIENTED NEEDS ENGINEERING METHODS	International Seminars (Proceedings)	209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor I) 215090609 - SANDFRENI, S.SI, M.T (Contributor II)
15	ALIGNING INFORMATION TECHNOLOGY STRATEGY PLANNING BASED ON INFORMATION TECHNOLOGY MANAGEMENT STRATEGIES AND BUSINESS STRATEGIES	Unaccredited National Journals	215090609 - SANDFRENI, S.SI, M.T (Contributor I) 209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor II)
16	MODELING THE GOAL-ORIENTED NEEDS ELISITATION PROCESS FOR ONLINE SALES SYSTEM PROJECTS	Accredited National Journals Sinta 1 and Sinta 2	209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor I) - HENDRY GUNAWAN, S.Kom, MM (Contributor II) 215090609 - SANDFRENI, S.SI, M.T (Contributor III)
17	IT STRATEGY PLANNING MODEL BASED ON IT MANAGEMENT STRATEGY AND BUSINESS STRATEGY	Unaccredited National Journals	215090609 - SANDFRENI, S.SI, M.T (Mandiri)
18	IT STRATEGY PLANNING MODEL BASED ON IT MANAGEMENT STRATEGY AND BUSINESS STRATEGY	Unpublished Thoughts (stored in pt library)	215090609 - SANDFRENI, S.SI, M.T (Mandiri)
19	ASSESSMENT OF THE CAPABILITY LEVEL OF ORGANIZATIONS UTILIZING INFORMATION SYSTEMS FOR THE BAI04 PROCESS WITH THE COBIT 5 FRAMEWORK	International Seminars (Proceedings)	215090609 - SANDFRENI, S.SI, M.T (Mandiri)
20	CAPABILITY LEVEL ASSESSMENT OF ORGANIZATION THAT USING INFORMATION SYSTEM	International Seminars (Proceedings)	215090609 - SANDFRENI, S.SI, M.T (Mandiri)
21	OPTIMIZATION OF INFORMATION TECHNOLOGY RESOURCES IN THE EDM 04.02 DOMAIN IN EDUCATIONAL INSTITUTIONS USING THE COBIT 5 FRAMEWORK	Unaccredited National Journals	209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor I) 215090609 - SANDFRENI, S.SI, M.T (Contributor II)
22	REQUIREMENTS ENGINEERING MODEL: ROLE BASED GOAL ORIENTED MODEL	Reputable and Impact-Factored International Journal (Q3)	215090609 - SANDFRENI, S.SI, M.T (Mandiri)
23	CRITICAL POINT OF SUCCESS (CSFS) ANALYSIS AND PERFORMANCE INDICATORS (KPIS) OF IT STAFF (EXTENDED) IN THE PROCESS OF IMPLEMENTING ENTERPRISE RESOURCES	Unpublished Thoughts (stored in pt library)	215090609 - SANDFRENI, S.SI, M.T (Mandiri)
24	REQUIREMENTS ENGINEERING FOR CLOUD COMPUTING IN UNIVERSITY USING I*(ISTAR) HIERARCHY METHOD	Reputable and Impact-Factored International Journal (Q3)	215090609 - SANDFRENI, S.SI, M.T (Contributor I) Ir. Kridantoo Surendro, MSc, PhD (Contributor II)

Community Service

No.	Activity Name	Types of PKM	PKM Team
1	LEGALITY OF MSME ACTIVITIES IN TANGERANG REGENCY THROUGH THE TANGERANG COOPERATIVES AND MICRO ENTERPRISES OFFICE	Giving exercises / counseling / upgrading / lectures (Incidental)	215090609 - SANDFRENI, S.SI, M.T (Contributor I) - MASMUR TARIGAN, S.T, M.Kom (Contributor II)
2	COUNSELING ON IOT FOR SMART BUILDING (CASE STUDY OF GADING SERPONG UEU CAMPUS)	Giving exercises / counseling / upgrading / lectures (Incidental)	209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor I) 215090609 - SANDFRENI, S.SI, M.T (Contributor II) - IKSAN RAMADHAN, S.Kom, M.Kom (Contributor III)
3	COUNSELING ON IOT FOR SMART BUILDING (CASE STUDY OF GADING SERPONG UEU CAMPUS)	Giving exercises / counseling / upgrading / lectures (Incidental)	
4	COUNSELING ON ENGINEERING NEEDS AND THEIR APPLICATION IN THE WORLD OF WORK IN THE ERA OF THE INDUSTRIAL REVOLUTION 4.0	Providing services to the community or other activities (College)	215090609 - SANDFRENI, S.SI, M.T

		Assignment)	(Mandiri)
5	COUNSELING ON THE SAFETY AND TRUTH OF DIGITAL INFORMATION DURING THE COVID-19 PANDEMIC	Providing training / counseling / upgrading / lectures (Local less than 1 semester at least 1 month)	209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor I) 215090609 - SANDFRENI, S.SI, M.T (Contributor II)
6	PLANNING STUDY OF THE APPLICATION OF INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) TO THE AIRBORNE FROM THE AIR SIDE USING THE METHOD OF BUSINESS ALIGNMENT WITH INFORMATION TECHNOLOGY	Providing services to the community or other activities (Areas of expertise)	215090609 - SANDFRENI, S.SI, M.T (Contributor I) 209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor II)
7	COUNSELING ON THE CHALLENGES OF THE INDUSTRIAL REVOLUTION 4.0 IN STUDENTS OF SMK CINTA KASIH TZU CHI	Giving exercises / counseling / upgrading / lectures (Incidental)	209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor I) 215090609 - SANDFRENI, S.SI, M.T (Contributor II) 214060539 - INDRIANI NOOR HAPSARI, ST, MT (Contributor III)
8	INDUSTRY 4.0 CHALLENGES IN EDUCATION	Providing services to the community or other activities (Areas of expertise)	209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor I) 214060539 - INDRIANI NOOR HAPSARI, ST, MT (Contributor II) 215090609 - SANDFRENI, S.SI, M.T (Contributor III)
9	COUNSELING ON SETTING UP LARAVEL IN WINDOWS AT THE CINTA KASIH TZU CHI SCHOOL JAKARTA, JULY-NOV 2019	Giving exercises / counseling / upgrading / lectures (Incidental)	214060539 - INDRIANI NOOR HAPSARI, ST, MT (Contributor I) 209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor II) 215090609 - SANDFRENI, S.SI, M.T (Contributor III)
10	COUNSELING ON ENGINEERING METHODS FOR THE NEEDS OF THE WORLD OF WORK IN THE INDUSTRIAL REVOLUTION 4.0	Giving exercises / counseling / upgrading / lectures (Incidental)	215090609 - SANDFRENI, S.SI, M.T (Contributor I) 214060539 - INDRIANI NOOR HAPSARI, ST, MT (Contributor II) 209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor III)
11	COUNSELING ON THE CHALLENGES OF THE INDUSTRIAL REVOLUTION 4.0 IN THE FIELD OF EDUCATION (CINTA KASIH TZU CHI SCHOOL)	Providing training / counseling / upgrading / lectures (Local less than 1 semester at least 1 month)	209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor I) 215090609 - SANDFRENI, S.SI, M.T (Contributor II) 214060539 - INDRIANI NOOR HAPSARI, ST, MT (Contributor III)
12	APPLICATION OF E-LEARNING LEARNING METHODS TO FACILITATE STUDENT INTERACTION AND PARTICIPATION	Giving exercises / counseling / upgrading / lectures (Incidental)	214060539 - INDRIANI NOOR HAPSARI, ST, MT (Contributor I) 209010401 - Dr. FRANCIS ADIKARA, S.Kom, MMSI (Contributor II) 215090609 - SANDFRENI, S.SI, M.T (Contributor III)
13	COUNSELING ON EVALUATING THE ACHIEVEMENT OF E-LEARNING LEARNING OBJECTIVES AT MAN 19 JAKARTA	Giving exercises / counseling / upgrading / lectures (Incidental)	215090609 - SANDFRENI, S.SI, M.T (Mandiri)