

List

MUHAMAD BAHRUL ULUM, S.Kom, M.Kom | 217080701

Identity

Name	: MUHAMAD BAHRUL ULUM, S.Kom, M.Kom
NIDN	: 0306048801
Lecturer Field Cluster	: COMPUTER SCIENCE
Courses	: Fasilkom /Informatics Engineering Study Program
Link Google Scholar	: https://scholar.google.com/citations?hl=id&user=GB_9iNkAAAAJ
Link Feel	: https://sinta.kemdikbud.go.id/authors/detail?id=5974357&view=overview



Education

Education Level	Institution Name	Date of Diploma
Bachelor	AL KAMAL INSTITUTE OF SCIENCE AND TECHNOLOGY	24 Oct 2009
Magister	BOGOR AGRICULTURAL INSTITUTE	21 Oct 2013

Teaching

Period	Course Code	Course Name
2013 - 2014 Even	CIL230	Advanced Algorithms
2014 - 2015 Odd	CIB309	Object-Based System Design
2014 - 2015 Odd	CIM123	Program Design Methods
2014 - 2015 Odd	CIS511	Software Process
2014 - 2015 Even	CCT101	Introduction to Information Technology
2014 - 2015 Even	CIA233	Artificial Intelligence Applications
2014 - 2015 Even	CIA420	Artificial Intelligence
2014 - 2015 Even	CIL230	Advanced Algorithms
2014 - 2015 Even	CIM123	Program Design Methods
2014 - 2015 Even	CIM226	Numerical Methods
2014 - 2015 Even	CIM521	Multimedia Mobile Programming
2014 - 2015 Even	CIT342	Applied Computer Networks
2014 - 2015 Even	CSB210	Object-Oriented Programming
2015 - 2016 Odd	CCS220	Data Structure
2015 - 2016 Odd	CCT101	Introduction to Information Technology
2015 - 2016 Odd	CIA420	Artificial Intelligence
2015 - 2016 Odd	CIM123	Program Design Methods
2015 - 2016 Odd	CIS236	Mobile System Design
2015 - 2016 Odd	CIS490	Expert System
2015 - 2016 Odd	CSA123	Algorithms And Programming
2015 - 2016 Even	CCS111	Database System
2015 - 2016 Even	CIA233	Artificial Intelligence Applications
2015 - 2016 Even	CIA420	Artificial Intelligence
2015 - 2016 Even	CIM521	Multimedia Mobile Programming
2016 - 2017 Odd	CCP119	Web-Based Programming
2016 - 2017 Odd	CCR117	Software Engineering
2016 - 2017 Odd	CCS111	Database System
2016 - 2017 Odd	CCS113	Operating System
2016 - 2017 Odd	CCT101	Introduction to Information Technology

2016 - 2017 Odd	CIB126	Object-Oriented Programming
2016 - 2017 Odd	CIM123	Program Design Methods
2016 - 2017 Even	CIA233	Artificial Intelligence Applications
2016 - 2017 Even	CIA420	Artificial Intelligence
2016 - 2017 Even	CIJ205	Java Programming
2016 - 2017 Even	CIL230	Advanced Algorithms
2016 - 2017 Even	CIM521	Multimedia Mobile Programming
2016 - 2017 Even	CSJ205	Java Programming
2017 - 2018 Odd	CCA110	Algorithm
2017 - 2018 Odd	CCP210	Object-Oriented Programming
2017 - 2018 Odd	CCS210	Operating System
2017 - 2018 Even	CCA110	Algorithm
2017 - 2018 Even	CCJ220	Computer Network
2017 - 2018 Even	CCS120	Data Structure
2017 - 2018 Even	CCS222	Algorithm Design And Analysis
2017 - 2018 Even	CIO220	Programming language
2017 - 2018 Even	CQI611	Service-Based Architecture
2018 - 2019 Odd	CCA110	Algorithm
2018 - 2019 Odd	CCP210	Object-Oriented Programming
2018 - 2019 Odd	CCS120	Data Structure
2018 - 2019 Odd	CCS210	Operating System
2018 - 2019 Odd	CCS222	Algorithm Design And Analysis
2018 - 2019 Odd	CIM430	Mobile Programming
2018 - 2019 Even	CCJ220	Computer Network
2018 - 2019 Even	CCS120	Data Structure
2018 - 2019 Even	CCS222	Algorithm Design And Analysis
2018 - 2019 Even	CIM430	Mobile Programming
2018 - 2019 Even	CIO220	Programming language
2019 - 2020 Odd	CCC110	Algorithm
2019 - 2020 Odd	CCP210	Object-Oriented Programming
2019 - 2020 Odd	CCS210	Operating System
2019 - 2020 Odd	CCS222	Algorithm Design And Analysis
2019 - 2020 Odd	CIS224	Artificial Intelligence
2019 - 2020 Even	CCC110	Algorithm
2019 - 2020 Even	CCC120	Data Structure
2019 - 2020 Even	CCI120	Computer Organization and Architecture
2019 - 2020 Even	CCJ220	Computer Network
2019 - 2020 Even	CIT500	Final Project 1
2019 - 2020 Even	CIT501	Final Project 2
2019 - 2020 Even	CSK400	Practical Work
2019 - 2020 Even	CTI121	Algorithm Design and Analysis
2020 - 2021 Odd	CCC110	Algorithm
2020 - 2021 Odd	CCI410	Social Issues and Information Technology Professions
2020 - 2021 Odd	CCM401	Research Methodology
2020 - 2021 Odd	CIB123	Cryptography
2020 - 2021 Odd	CIB125	Distributed Object Databases
2020 - 2021 Odd	CIK415	Capita Selecta of Informatics
2020 - 2021 Odd	CIS224	Artificial Intelligence
2020 - 2021 Odd	CIT500	Final Project 1
2020 - 2021 Odd	CMJ240	Mobile Network
2020 - 2021 Odd	CPA560	Mobile Application Design
2020 - 2021 Odd	CPL230	Software Development
2020 - 2021 Odd	CRI562	Mobile Software Validation
2020 - 2021 Odd	CSK400	Practical Work
2020 - 2021 Odd	CTD101	Digital Technology
2020 - 2021 Odd	CTI210	Programming Languages
2020 - 2021 Odd	ESA134	Business English
2020 - 2021 Odd	ESA310	Statistics

2020 - 2021 Even	CCC120	Data Structure
2020 - 2021 Even	CCI220	Computer Network
2020 - 2021 Even	CCI320	Human Computer Interaction
2020 - 2021 Even	CCM401	Research Methodology
2020 - 2021 Even	CIK415	Capita Selecta of Informatics
2020 - 2021 Even	CIM430	Mobile Programming
2020 - 2021 Even	CIP311	Virtual Company
2020 - 2021 Even	CIS224	Artificial Intelligence
2020 - 2021 Even	CMJ251	Mobile Network Management
2020 - 2021 Even	CPD121	Scattered Data Processing
2020 - 2021 Even	CPL230	Software Development
2020 - 2021 Even	CQI611	Service-Based Architecture
2021 - 2022 Odd	CCC120	Data Structure
2021 - 2022 Odd	CTI211	Object-Oriented Programming
2021 - 2022 Odd	CTI410	Artificial Intelligence
2021 - 2022 Even	CCC120	Data Structure
2021 - 2022 Even	CCI220	Computer Network
2021 - 2022 Even	CTI410	Artificial Intelligence
2022 - 2023 Odd	CTI211	Object-Oriented Programming
2022 - 2023 Odd	CTI410	Artificial Intelligence

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	ANDROID-BASED DONATEKU APP	Accredited National Journals Sinta 3 and Sinta 4	217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor I) 218030726 - HABIBULLAH AKBAR, S.Si, M.Sc, Ph.D (Contributor II) 220030826 - ANIK HANIFATUL AZIZAH, S.Kom, M.IM (Contributor III)
5	NATIONAL SEMINAR ON PROCEEDINGS OF SISFOTEK V 2021, ISSN 2597-3584, DATA AND DISSEMINATION OF INFORMATION	National Seminar (Proceedings)	218030726 - HABIBULLAH AKBAR, S.Si, M.Sc, Ph.D (Contributor I) 217080700 - Ir. NIZIRWAN ANWAR, MT (Contributor II) 217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor III) 199110117 - MUKHAMAD ABDUH, ST, MT (Contributor IV)
6	NATIONAL SEMINAR ON PROCEEDINGS OF SISFOTEK V 2021, ISSN 2597-3584, DATA AND DISSEMINATION OF INFORMATION	National Seminar (Proceedings)	217080700 - Ir. NIZIRWAN ANWAR, MT (Contributor I) - AGUNG MULYO WIDODO, ST, M.Sc (Contributor II) 217080702 - Ir. KUNDANG KARSONO JUMAN, MMSI (Contributor III) 217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor IV)

7	NATIONAL SEMINAR ON PROCEEDINGS OF SISFOTEK V 2021, ISSN 2597-3584, DATA AND DISSEMINATION OF INFORMATION	National Seminar (Proceedings)	- ARIEF ICHWANI, ST, MT (Contributor I) 217080700 - Ir. NIZIRWAN ANWAR, MT (Contributor II) 217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor III) 201020152 - NINA NURHASANAH, SE, MM. (Contributor IV)
8	IDENTIFY ACNE TYPES BY TEXTURE USING GLCM AND BACKPROPAGATION	Unaccredited National Journals	- YUNITA FAUZIA ACHMAD, S.Kom.M.Kom (Contributor I) 216090651 - ALIVIA YULFITRI, S.Si,M.T (Contributor II) 217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor III)
9	APPLICATION OF DIAGNOSIS OF UTERINE MYOMA DISEASE WITH CERTAINTY FACTOR METHOD	International Journals	- SYAHRIZAL DWI PUTRA, ST, M.KOM (Contributor I) 217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor II) - DIAH ARYANI, ST, M.Kom (Contributor III)
10	AN APPLICATION DESIGN THINKING IN THE INTERNAL QUALITY AUDIT SYSTEM	Accredited National Journals Sinta 5 and Sinta 6	- DIAH ARYANI, ST, M.Kom (Contributor I) 218030726 - HABIBULLAH AKBAR, S.Si, M.Sc, Ph.D (Contributor II) - SYAHRIZAL DWI PUTRA, ST, M.KOM (Contributor III) 217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor IV)
11	DESIGNING AN AUTOMATIC CONTROL SYSTEM OF WATER FLOW RATE USING NON-LINEAR INPUT VARIABLE OF TEMPERATURE-HUMIDITY BASED ON MOBILE APPLICATION	International Seminars (Proceedings)	217080700 - Ir. NIZIRWAN ANWAR, MT (Contributor I) - AGUNG MULYO WIDODO, ST, M.Sc (Contributor II) 215010558 - RUDI HERI MARWAN, S.Sn, M.Ds (Contributor III) 217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor IV) 201050167 - Ir. ROESFIANSJAH RASJIDIN, MT, Ph.D. (Contributor V)
12	IDENTIFICATION OF ACNE DISEASE BASED ON TEXTURE USING BP (BACK PROPAGATION) AND GLCM (GRAY LEVEL CO-OCCURRENCE MATRIX) ALGORITHMS	Unpublished Thoughts (stored in pt library)	- YUNITA FAUZIA ACHMAD, S.Kom.M.Kom (Contributor I) 216090651 - ALIVIA YULFITRI, S.Si,M.T (Contributor II) 217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor III)
13	MONITORING AND CONTROL SYSTEM FOR CARDIOVASCULAR AND OBESE PEOPLE BASED ON MOBILE INTERNET OF THINGS (IOT)	Accredited National Journals Sinta 1 and Sinta 2	217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor I) 217080700 - Ir. NIZIRWAN ANWAR, MT (Contributor II) 201040163 - RIYA WIDAYANTI, S.Kom, MMSI (Contributor III) 216090651 - ALIVIA YULFITRI, S.Si,M.T (Contributor IV)
14	MONITORING AND CONTROL SYSTEM FOR CARDIOVASCULAR AND OBESE PEOPLE BASED ON MOBILE INTERNET OF THINGS (IOT)	Accredited National Journals Sinta 1 and Sinta 2	217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor I) 217080700 - Ir. NIZIRWAN ANWAR, MT (Contributor II) 201040163 - RIYA WIDAYANTI, S.Kom, MMSI (Contributor III) 216090651 - ALIVIA YULFITRI, S.Si,M.T (Contributor IV)
15	STUDY OF COMPUTER INSTITUTION ACTIVITIES IN DATA MANAGEMENT ACTIVITIES USING DAMA-DMBOK IN THE FRAMEWORK OF THE ONE DATA INDONESIA INITIATIVE	Accredited National Journals Sinta 1 and Sinta 2	216090651 - ALIVIA YULFITRI, S.Si,M.T (Contributor I) - YUNITA FAUZIA ACHMAD, S.Kom.M.Kom (Contributor II) 217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor III)
16	DESIGNING A HEART RATE MONITORING SYSTEM FOR CARDIOVASCULAR PATIENTS BASED ON THE INTERNET OF THINGS (IOT)	Accredited National Journals Sinta 1 and Sinta 2	217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor I) - MASMUR TARIGAN, S.T, M.Kom (Contributor II)
17	IMPLEMENTATION OF DATABASE SECURITY MODEL USING ADVANCED ENCRYPTION STANDARD 256 BIT ALGORITHM	International Seminars (Proceedings)	217080700 - Ir. NIZIRWAN ANWAR, MT (Contributor I) 299090116 - Dr. Dra. SURYARI PURNAMA, MM (Contributor II) 207090370 - LISTA MERIA, S.Kom, MM (Contributor III) 217080701 - MUHAMAD BAHRUL

			ULUM, S.Kom, M.Kom (Contributor IV) 299080114 - Dr. RILLA GANTINO, SE, Ak, MM. (Contributor V)
18	INTERNET OF THINGS (IOT) DESIGN FOR PRODUCTION OPTIMIZATION IN RUBBER AGRO-INDUSTRY	Unaccredited National Journals	217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Independent)
19	DESIGNING A FUZZY EXPERT SYSTEM TO IDENTIFY CHILDREN'S INTELLIGENCE	Reputable and Impact-Factored International Journal (Q3)	217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor I) Dr. Vitri Tundjungsi (Contributor II)
20	DESIGNING A NATURAL DISASTER MANAGEMENT INFORMATION SYSTEM	Unaccredited National Journals	217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Independent)
21	IMPLEMENTATION OF THE BPNN (BACKPROPAGATION NEURAL NETWORK) METHOD TO DIAGNOSE BREAST CANCER	National Seminar (Proceedings)	217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor I) - RAVIE KURNIA LADAY, S.Kom, M.Kom (Contributor II)

Community Service

No	Activity Name	Types of PKM	Tim PKM
1	MULTIMEDIA TRAINING IN SUPPORTING ONLINE LEARNING	Carry out the development of educational and research outcomes	214070540 - Dr. HARLINDA SYOFYAN, S.Si., M.Pd (Contributor I) 216090644 - Dr. RATNAWATI SUSANTO, S.Pd, MM, M.Pd (Contributor II) 217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor III) Ratih (Contributor IV) Reza Novayulianti (Contributor V)
2	PKM IMPLEMENTS A CLOUD SYSTEM FOR WASTE BANK MANAGEMENT IN TAMAN NURI HOUSING, SINDANG SARI DISTRICT. TANGERANG	Providing training / counseling / upgrading / lectures (National Level in one semester / more)	217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor I) - YUNITA FAUZIA ACHMAD, S.Kom.M.Kom (Contributor II) 216090651 - ALIVIA YULFITRI, S.Si,M.T (Contributor III) 207090370 - LISTA MERIA, S.Kom, MM (Contributor IV)
3	PKM OF WANTIKNAS	Giving exercises / counseling / upgrading / lectures (Incidental)	217080700 - Ir. NIZIRWAN ANWAR, MT (Contributor I) 216040631 - Dr. GERRY FIRMANSYAH, S.T.M.Kom (Contributor II) 201040163 - RIYA WIDAYANTI, S.Kom, MMSI (Contributor III) 217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor IV) - YUNITA FAUZIA ACHMAD, S.Kom.M.Kom (Contributor V)
4	PKM IMPLEMENTS A CLOUD SYSTEM FOR WASTE BANK MANAGEMENT IN KAYU BONGKOK VILLAGE, KAB. TANGERANG	Providing services to the community or other activities (Areas of expertise)	217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor I) 294060023 - Dr. Drs. SUGIYANTO, MM (Contributor II) - YUNITA FAUZIA ACHMAD, S.Kom.M.Kom (Contributor III)
5	NATIONAL SEMINAR ON COMMUNITY SERVICE 2019	Carry out the development of educational and research outcomes	217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Contributor I) 205040315 - Dr. BUDI TJAHJONO, S.Kom, M.Kom (Contributor II) 201040163 - RIYA WIDAYANTI, S.Kom, MMSI (Contributor III)
6	PKM UTILIZATION OF POWERPOINT AS AN INTERACTIVE LEARNING MEDIUM	Giving exercises / counseling / upgrading / lectures (Incidental)	217080701 - MUHAMAD BAHRUL ULUM, S.Kom, M.Kom (Independent)
7	COMMUNITY SERVICE	Providing services to the community or other activities (College)	217080700 - Ir. NIZIRWAN ANWAR, MT (Contributor I)

		Assignment)	217080701 - MUHAMAD BHRUL ULUM, S.Kom, M.Kom (Contributor II) 201040163 - RIYA WIDAYANTI, S.Kom, MMSI (Contributor III) 202080208 - MUNAWAR, S.TP, M. Msi, Ph.D (Contributor IV)
8	COUNSELING ON THE USE OF INFORMATION TECHNOLOGY TO IMPROVE THE QUALITY OF LEARNING \\THE USE OF POWERPOINT AS AN INTERACTIVE LEARNING MEDIUM AT SMPN 191 JAKARTA\\	Providing services to the community or other activities (College Assignment)	
9	SCIENCE AND TECHNOLOGY FOR THE COMMUNITY (IBM) THE APPLICATION OF COMPUTER-BASED INFORMATION SYSTEMS AS A SUPPORT FOR EDUCATIONAL SERVICES	Providing services to the community or other activities (College Assignment)	
10	INFORMATION COMMUNICATION TECHNOLOGY (ICT) TRAINING	Providing services to the community or other activities (College Assignment)	
11	INTRODUCTION OF TECHNOLOGIES AND GADGETS AT AN EARLY AGE	Providing services to the community or other activities (College Assignment)	