

CURRICULUM VITAE

A. Profile

1	Full Name	Prof. Drs. Ir. Faisal Syafar, M.Si., M.InfTech., Ph.D., IPU.	
2	Occupation	University Lecturer, Universitas Negeri Makassar, Indonesia	
3	Position	Deputy Dean of Faculty of Engineering for Research, Innovation and Partnership	
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6	Personal Website	https://faisalsyafar.tech	

B. Education

Degree	Bachelor	Master (I)	Master (II)	PhD
University	IKIP Ujung Pandang	Gadjah Mada University	University of South Australia	University of South Australia
Study Program	Electronics	Remote Sensing	Information Technology	Information Technology
Intake	1985-1990	1993-1996	2007 – 2009	2011-2015
Research Thesis/ Dissertation	The correlation between educational level and capability of the electronics tools Servicemen	Using of Ultra red photography and satellite image for flood zonation	Real time uninhabited airborne vehicles based surveillance of forest fire	Mobile collaboration technology implementation in Engineering asset organizations

C. Research Project in the last 10 years (selected)

No.	Year	Title	Funding	
			Source	Amount (AU\$)
1	2013	Real time communication on uninhabited air bone vehicles based surveillance	AuSAid, Australia	115,000.00
2	2014	Mobile collaboration technology implementation in Engineering asset organizations	Cooperative Research Centre for Infrastructure and Engineering Asset Management Australia	480,000.00
3	2017	Data and Information Quality of Higher Education Assets in Makassar, Indonesia	PNBP-UNM, Indonesia	11,000.00
4	2019-2021	Framework Development of Quality of Big Data and Information Analytic in Higher Education During and After COVID-19 Pandemic	Ministry of Education, Indonesia	62,000.00
5	2021-2023	Smart Farm 4.0 Design based IoT	Ministry of Education, Indonesia	1,239,467.00
6	2022	Analysis Of Quality And Accuracy Of Shared Cyber	Universitas Negeri Makassar	544,233.00

		Security Information In Higher Education		
7	2023	Systematic Sharing of Tacit Knowledge from Recordkeeping Perspective in Informal Settings: A Cross-Country Study on the Fisherfolk Community	Monash University, Australia	12,240.00
8	2023-2025	Development of Digital Learning content and platform for Higher Education Resilience (Framework of Green IT and Software for mobile collaborative learning)	Ministry of Education, Indonesia	1,649,575.94
9	2024-2026	The Framework of Cybersecurity Capacity Building in Asia-Pacific.	Swinburne University of Technology, Australia	2,346,000.00

D. Academic Journal Paper in the last 5 years

No.	Title	Volume/ Number/ Year	Journal Name	Indexing
1	Exploring the factors influencing student's intention to use mobile learning in Indonesia higher education	25/3/2020. DOI: 10.1007/s10639-019-10018-0	Education and Information Technologies	Scopus
2	The Role of Big Data Quality and Information Analytics in Indonesia Higher Education Sector During Covid-19 Pandemic	Volume 6, 2020	International Journal of New Technology and Research	Copernicus, CrossReff
3	Mobile Technology to Offer Real Time Support for Remote Expert and Maintenance Collaboration	Volume 30, 2021	Computer Supported Cooperative Work	Scopus, WoS
4	Smart Chicken Poultry Farm Using IoT Techniques	Volume 7, No. 10, 2021	International Journal of New Technology and Research	Copernicus, CrossReff
5	International Consensus on Data and Information Quality for Better Quality Decision Making in Higher Education Institutions	Volume 37, No. 2, 2022	International Journal of Productivity and Quality Management	Scopus, WoS
6	Application of forward selection strategy using C4.5 algorithm to improve the accuracy of classification's data set	Volume 30, No. 1, 2023	Journal of population therapeutics and clinical pharmacology = Journal de la therapeutique des populations et de la pharmacologie clinique,	Scopus, WoS

7	Visualization Mapping on the socio-technical Architecture based on Tongkonan tradisional house.	Volume 7, No. 3, 2023	International Journal of Informatics Visualization	Scopus.
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E. International Conference Papers in the Last 5 Years

No.	Conference (INDEXING)	Paper	Time/Place
1.	Proceedings of 38 th IBIMA Conference:	Mobile Collaborative Smart Farm: Proposed Poultry IOT Solution for Indonesia Farming	November 2021, Seville, Spain.
2.	Proceeding of 36 th IBIMA Conference	Big Data and Information Analytic Support for Indonesian Higher Education: During and After Covid-19 Pandemic	4-5 Noveber 2020, Granada, Spain.
3.	Proceeding of 35 th IBIMA Conference	Puskesmas, The Third Level of Indonesia Healthcare: Current Electronic Medical Record (EMR) Status and Readiness in Meeting Industry 4.0 Challenges	1-2 April 2020, Seville, Spain.
4.	The 33 th IBIMA Conference (Scopus, Web of Science, Clarivate analysis)	Students' Adoption of Mobile Learning: An Investigation in Indonesia Higher Education	10-11 April 2019, Granada, Spain.
5.	The 33 th IBIMA Conference (Scopus, Web of Science, Clarivate analysis)	Assessment of Implementation of the Modern Outpatient Information Systems in Indonesia: a Public Health Collaborative Approach	10-11 April 2019, Granada, Spain.
6.	The 33 th IBIMA Conference (Scopus, Web of Science, Clarivate analysis)	Data and Information Quality Framework Development: Proposed for Indonesia Higher Education	10-11 April 2019, Granada, Spain.
7.	The 30 th IBIMA Conference (Scopus, Web of Science, Clarivate analysis)	Key Data and Information Quality Requirements for asset Management in Higher Education: A case study	8-9 November 2017, Madrid, Spain.
8.	The 30 th IBIMA Conference (Scopus, Web of Science, Clarivate analysis)	Development of an Integrated Framework for Successful Adoption and Implementation of Mobile Collaboration Technology in Indonesian Healthcare	8-9 November 2017, Madrid, Spain.
9.	The 21 st American Conference on Information Systems (AMCIS) - (Scopus)	Mobile Collaboration Technology to Support Maintenance Enterprise Systems in Large Industry	13-15 August, 2015, El Conquistador, Puerto Rico.
10.	The Eighth International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies) - (Scopus)	Ubiquitous maintenance-an application of mobile collaboration technology	24-28 August, 2014, Rome, Italy.
11.	Pacific Asia Conference on Information Systems (PACIS) - (Scopus)	Mobile-Enabled Collaborative Maintenance	24-28 June, 2014, Chengdu, China.

12.	The 23rd International Business Information Management Association Conference on Vision 2020: Sustainable Growth, Economic Development, and Global Competitiveness - (Web of Science & Scopus)	Current Mobile Technology Roles to Support Collaborative Maintenance: An International Academician and Professionals	13-14 May, 2014, Valencia, Spain.
13.	Pacific Asia Conference on Information Systems (PACIS) - (Scopus)	Applying the International Delphi Technique in a Study of Mobile Collaborative Maintenance Requirements	18-22 June, 2013, Jeju Island, Korea.
14.	IEEE 17 th International Conference on Computer Supported Cooperative Work in Design (CSCWD) - (Scopus)	Mobile collaboration technology in engineering asset maintenance: A Delphi study	27-29 June, 2013, Whistler, BC, Canada.
15.	The 22 nd International Business Information Management Association Conference on Creating Global Competitive Economies - (Web of Science & Scopus)	Requirements for the Successful Implementation of Mobile Collaborative Maintenance: An International Delphi Study	13-14 November, 2013, Rome, Italy.
16.	The 20 th BIMA Conference - (Web of Science & Scopus)	Development of a Framework for Adoption and Implementation of Mobile Collaboration Technology in Engineering Asset Management	25-26 March, 2012, Kuala Lumpur, Malaysia.

G. Book/Book Chapter in the last 5 Years

No.	Book Title	Year	Publisher (INDEXING)
1	Book Chapter: Mobile Collaboration Technology in Engineering Asset Maintenance – What Technology, Organisation and People Approaches Are Required? dalam Buku: <i>Information and Communication Technology</i> , (Lecture Notes in Computer Science) DOI: 10.1007/978-3-642-36818-9_18 Book Chapter: Pages 173-182 Print ISBN: 978-3-642-36817-2 Online ISBN: 978-3-642-36818-9 Series ISSN: 0302-9743	2013	Springer Berlin Heidelberg, Germany - (Scopus)
2	Book Chapter: Mobile Technologies in Asset Maintenance dalam Buku: <i>Mechanical Engineering</i> (Lecture Notes in Mechanical Engineering) DOI 10.1007/978-3-319-62274-3_22; Chapter 22; ISBN: 978-3-319-62273-6	2016	Springer International Publishing AG, Cham - (Scopus)
3	Big Data & Cloud Computing. ISBN: 9783319622743; 117 pages	2021	CV. Timur Barat
4	Teori dan Penerapan Material Semikonduktor. ISBN: 9786231008138, 77 pages	2024	PT. Batara Edu Calya

5	Inovasi Pendidikan Model Blended learning Based Project Material Elektrik ISBN: 9786231002976, 73 pages	2024	PT. Batara Edu Calya
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H. Academic Journal Editor

No.	International Academic Journal	Role	Time
1	SCIREA Journal of Information Science and Systems Science: Science Research Association. (http://www.scirea.org/journal/EditorialBoard?JournalID=12000)	Editorial Board	2016 - now
2	International Journal of Information Systems and Vocational Technology Education: Universitas Negeri Makassar (http://ojs.unm.ac.id/index.php/JISVTEd)	Editor-in-Chief	2016 - now

I. Invited Reviewer: Book, Academic Journal and Conferences (selected)

No.	Book, Journal, Conference	Task	Time
1	Journal of Information Technology Education: Innovation in Practice (JITE:IIP)	Reviewer	2017- now
2	Journal of Information Technology Education: research (JITE:Research)	Reviewer	2017- now
3	International Journal of Economic and Management Engineering (IJEME), The World Academic Publishing co, Ltd. (http://www.academicpub.org/ijeme/)	Reviewer	2015 - now
4	Journal of Information Systems, Elsevier, https://www.journals.elsevier.com/information-systems/	Reviewer	2014 - now
5	Journal of Information Technology (JIT), Palgrave Macmillan (Springer), http://www.springer.com/business+%26+management/journal/41265	Reviewer	2014 - now
6	The American Journal of Computer Science and Information Engineering, http://www.aascit.org/journal/ajcsie	Reviewer	2014 - now
7	Journal of Information Technology & People, Emerald Group Publishing, http://www.emeraldinsight.com/loi/itp	Reviewer	2013 - now
8	InSITE 2018: Informing Science + Education Conference: La Verve Californis	Reviewer	2017
9	American Conference on Information Systems (AMCIS)	Reviewer	2015 - now
10	The 25 th Australasian Conference on Information Systems (ACIS)	Reviewer	2014 - now
11	Library and Information Science Research in Asia-Oceania: Theory and Practice (http://www.igi-global.com/pdf.aspx?tid=99942&ptid=90584&ctid=15&t=editorial%20advisory%20board%20and%20list%20of%20reviewers)	Reviewer (Book)	2013
12	The Asia Conference on technology in The Classroom (The International Academic Forum/IAFOR)	Reviewer	2013 - now
13	Pacific Asia Conference on Information Systems (PACIS)	Reviewer	2012 - now

J. Conferences Committee (selected)

No.	Conferences	Task	Time/Place
1	International Conference on Mechanics and Material Science (http://www.mms2017.org/)	Technical Program Committee	15-17 Desember 2017, Guangzhou, China
2	The 2017 International Conference on Electronic Industry and Automation (http://www.eia2017.org/?op=committee)	Technical Program Committee	23-25 Juni 2017, Suzhou, China
3	The International Conference on Artificial Intelligence and Computer Engineering (http://www.aice2017.org/?op=committee)	Technical Program Committee	23-25 Juni 2017, Suzhou, China
4	28 th International Business Information Management Association (IBIMA) Conference (http://www.ibima.org/SPAIN2016/committee.html)	Program Committee	9-10 Nopember 2016, Seville, Spain
5	26 th International Business Information Management Association (IBIMA) Conference (http://www.ibima.org/SPAIN2015/committee.html)	Program Committee	11-12 Nopember 2015, Madrid, Spain
6	25 th International Business Information Management Association (IBIMA) Conference (http://www.ibima.org/NL2015/committee.html)	Program Committee	7-8 Mei 2015, Amsterdam, Netherland
7	23 rd International Business Information Management Association (IBIMA) Conference (http://www.ibima.org/SPAIN2014/committee.html)	Program Committee	13-14 Mei 2014, Valencia, Spain

K. Professional Side Job (selected)

No.	Job	Place/Year	Role/Responsibility
1	ERP Business Development Analyst at Corporation	Makassar, Indonesia, 2017	Be part of the Human Resources team, while working collaboratively with Payroll and Finance as the HR and Payroll functionality of the new ERP is developed and implemented. - Analyzes application of system techniques and procedures including consulting with users to determine the software and system functional specifications, - Designs, develops, documents, analyzes, creates, tests and/or modifies computer systems, programs and modules to meet the needs of end users, - Reviews and analyzes business processes and user requirements to implement technology and process automation solutions, - Analyzes processes and recommends process modification strategies for enhancing effectiveness and efficiency, - Coordinates, reviews and designs the interaction of multiple County information systems across departments, and business group, - Meets with stakeholders, system owners, end-users and vendors to establish system requirements and goals, - Communicates ongoing project status updates with project members, stakeholders, and sponsors, - Participates in ERP committees and task forces, - Provides technical assistance and training to users within Business group.

2	Computer Forensic Analyst for Cyber Crimes	Makassar, Indonesia 2017-Now	Uncover digital data (such as e-mail correspondence or deleted files) from both desk PC and mobile devices, preserve it for later use as evidence, and analyze the data in light of the crime in question. For example, they may have to determine how hackers or unauthorized personnel gained access to information from computer systems and networking as well as where and how they navigated within the system. • Advising investigators (<i>penyidik</i>) on the availability and reliability of digital evidence • Working with investigators to acquire digital evidence through onsite & lab searches • Conducting examinations of digital evidence and preparing evidence for trial • Conducting interviews and taking statements in relation to computer evidence • Train other investigators and stay up-to-date on current events.
3	IT consultant for Indonesians Smart Cities Platform Initiatives, PT Telkom	PT. Telkom Indonesia 2016-2017	• Smart Cities Consulting first partner for Smart Cities projects on a National scale both in smaller city and municipalities. • Provide view in Information Technology platform concept and advice from conceptualizing the ideas to turning them into reality of smart city. • Supporting cities, districts or regions in fulfilling some of their key mission by the support of IT with “smart” and “intelligent” solution and technology such as: Providing new services, optimizing existing services, allowing saving on key limited resources (energy, water, space. Etc) and enhancing the relationship between the city and its citizens and tourists. The basis of these processes is a smart administration which guarantees innovation in the fields of energy, health, recycling, mobility, production and technology. A working communication – through ICT (information and communication technology) – is the glue between these fields. • We advise cities and municipalities on projects that focus on: ○ saving energy ○ promoting sustainable energy sources ○ popularizing public transport ○ creating new attractive jobs and encouraging new fields for education and training The progress (November 2017): An Integrated Product & Services resulted by TELKOM Group for the Nation that consist Platform of M2M, BigData, Cloud (SaaS / PaaS / IaaS), Connectivity and Devices. Consisting of 3 pillars: • ICT Infrastructure • Integrated City Management • Smart User

4	IT consultant for Adelaide “Digital Strategy” Adelaide City Council, South Australia, Australia	Adelaide-Australia 2012-2015	1. Provide expertize for a citizen-centric service experience, personalized and conveniently delivered via customers preferred communication channels: • Citizen Mobile Initiatives, Develop a range of citizen-centric mobile solutions that can be freely accessed from mobile devices to encourage community involvement in city events and activities, increase use of facilities, and to showcase Adelaide as a liveable and vibrant city. • Customer Service Strategy, Develop a Customer Service Strategy in order to consistently deliver brilliant customer service across Council. Services will be based on customer needs, and will be available to constituents in a fair and equitable manner. • Customer Relationship Management (CRM), Consolidates customer data sources - enabling a holistic view of the customer, improving the delivery of services and the quality of interactions with customers. • Online Services, Expand the range and user-friendliness of Council online services. ‘Top tasks’ will be simple and quick to complete, encouraging the take up of digital channels as the preferred communication method with Council. 2. Provide expertize of new technologies to deliver improved services, derive efficiencies and drive innovation: • Cloud Computing, Take a proactive stance in implementing Cloud services to enhance efficiencies and provide IT services anytime anywhere to the workforce and customers. • Shared Services, Take a proactive and leading role in developing shared services opportunities with other local government and other levels of government to deliver efficiencies and seamless services. • Workforce Mobility Solutions, Increase the range of mobile solutions to provide Council’s mobile workforce (inspectors, precinct officers, public realm workers) with enhanced capability to improve the responsiveness and efficiency of our services.
5	IT Analyst, Santos Ltd.	Adelaide, Australia, 2014-2017	• Review and develop computer systems, computer languages, data communication processes and user interface devices; • Test new IT system designs and fix design problems found; Test new system components; • Write reports describing findings, sometimes for publication; • Design and implement information systems to optimize organizational efficiency. The process begins with managers, who provide a broad objective, like capturing marketing research data. • Modeling, information engineering and cost-based accounting employed to develop a system that satisfies both management and end-users in the most cost-effective and efficient way possible. Upon approval, I oversee its

			implementation by managing programmers, coders and equipment vendors to ensure the design is properly executed in a timely manner and stays within budget, • Debug the system and ensure that it is error-free.
6	Senior Mobile Content Developer - Country (Australia) Manager of SAP (System, Application & Product in Data Processing)	Adelaide-Berlin, Germany, 2008-2011	Working as engineer in agile development teams, be contributing to all phases of the sprint process from conceptualization to delivery. Working as mobile development expertise to the team and also join in with prototyping, develops and quality assurance phases of the process. • Develop innovative and engaging frontends for e-Commerce Digital Marketing applications for industry leading companies; • Recommend appropriate technologies and libraries to be used in the client side stack; • Staying abreast of the latest developments in technology and industry best practices and identifying where they can be incorporated to bring continual improvement to engineering practices and processes; • Embrace the Agile process, collaborate and communicate effectively with team members and other teams.

L. Appreciation (selected)

No.	Appreciation Category	Institution	Year
1	Distinguished International PhD Student	University of South Australia	2015
2	Conference travel award/grant	IEEE Computational Intelligence Society	2013
3	Critical and Creative Thinking	Australian Technology Network Universities	2011

M. Professional Organizations

No.	Organization	Year
1	Institute of Electrical and Electronics Engineers (IEEE) member (90602579)	2007 - now
2	Australian Computer Society (Certified Professional)	2007 - now
3	Institute of Electrical and Electronics Engineers (IEEE) Computer Society (90602579)	2009 - now
4	Association for Information System (AIS)	2011 - now
5	Computer Supported Cooperative Work in Design (CSCWD) (Community Member)	2011 - now
6	Association for Information Science and Technology (ASIS&T) (509747)	2013 - now
7	Association for Computing Machinery (ACM) (Professional Member)	2013 - now
8	The Association for Maintenance (Professional Member)	2013 - now
9	American association for Science and Technology (AASCT)	2014 - now
10	Ikatan Ilmuan Indonesia Internasional (i-4)	2015 - now

Makassar, 20 July 2024



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