

<b>A. PERSONAL DETAILS</b>			
Full Name	<b>SITI HASNAH BT TANALOL</b>		Title:
Identification No <b>760505125354</b>	Citizenship <b>MALAYSIA</b>	Race <b>BUMIPUTERA SABAH</b>	Gender <b>FEMALE</b>
Current Designation <b>SENIOR LECTURER, DS52</b>	Employer <b>UNIVERSITI MALAYSIA SABAH</b>	Date of Birth <b>05-05-1976</b>	Place of Birth <b>SANDAKAN, SABAH</b>
Mailing Address	Program/Faculty/Centre		E-mail
<b>PREPARATORY CENTRE FOR SCIENCE AND TECHNOLOGY, UNIVERSITI MALAYSIA SABAH, KOTA KINABALU, SABAH.</b> Tel:	<b>PREPARATORY CENTRE FOR SCIENCE AND TECHNOLOGY, UNIVERSITI MALAYSIA SABAH, KOTA KINABALU, SABAH.</b> Tel: <b>088-320000</b>		<b>hasnah@ums.edu.my</b>
<b>B. RECENT ACADEMIC QUALIFICATIONS</b>			
Qualification	Name of Institution	Year Obtained	Area of Specialization
Bachelor Of IT B.IT	Universiti Kebangsaan Malaysia (UKM), Malaysia	1998	Computer Science
Master Of Science MSc	University of Strathclyde, Glasgow, UK	2001	Communication Technology and Policies
<b>C. EMPLOYMENT HISTORY</b>			
Employer	Position	Department	Appointment
Universiti Malaysia Sabah	Tutor	SKTM	1999
<b>D. AWARD</b>			
Year	Organisation	Award	Category
2023	ITEX	Silver Medal BeSAR: Belajar Sains melalui AR	Open
2022	UPNM 2 <sup>nd</sup> Inter Pre-University Matriculation Innovation Competition 2022	Gold Medal GVScope: Gamifying Learning Experience through Location-based AR Scavenger Hunt Mobile Application	Category C: Academician
2021		Silver award for Development of XPLorAR for planetarium Negara With Freeze Object Interaction Technique	Open
2021		Silver award For Development Of Multi Marker Detection Technique in AR Technology of Pintar Jawi	Open
2021		Silver award for UMS Location-Based AR Tour Mobile Application	A2: Professional Science, Engineering & Technology

2021		Gold Award For Development of Smart MyAgriShop Web Application for Covid-19	A2: Professional Science, Engineering & Technology
<b>E. CURRENT TEACHING AND ADMINISTRATIVE RESPONSIBILITIES</b>			
<b>TEACHING</b>			
<b>Programme</b>		<b>Subject Taught</b>	
Information Technology Foundation Study		Basic Multimedia	
Master of Human Resource		Introduction to Web Programming Human Resource Information System	
<b>ADMINISTRATIVE</b>			
Academic Advisor, Asasi IT Advisor, UMS e-Sport Club 2021			

<b>F. RECENT RESEARCH &amp; PROJECTS</b>								
<b>No</b>	<b>Title of Research</b>	<b>Leader</b>	<b>Team Researcher</b>	<b>Date Start</b>	<b>Date Complete</b>	<b>Status</b>	<b>Source of Grant</b>	<b>Amount Awarded</b>
1	SGI0153-2021 / Development of Interactive Augmented Reality Mobile Application for Learning Jawi with Gamification Technique	Siti Hasnah Tanalol		2021	2022	Sedang Berjalan	<b>Universiti Malaysia Sabah</b>	<b>20,000</b>
7	Teknologi AR untuk taman eko sains : kolaborasi komuniti desa kundasang dengan ums	Siti Hasnah Tanalol		2020	2022	Sedang Berjalan	<b>UMS</b>	<b>43,600</b>
	SCHOLARS PROGRAMME (MODULES DEVELOPMENT) FOR JUVENILE INMATES IN KOTA KINABALU INTEGRITY SCHOOL, SABAH PRISON DEPARTMENT	<b>Dr Esther Jawing</b>		2020	2022	Sedang Berjalan	<b>Universiti Malaysia Sabah</b>	<b>48,400</b>
	MAC-AppsCovid-19: Pembinaan dan Pengujian Aplikasi Modul Latihan Mindfulness Acceptance Commitment Bagi Menangani Stres Semasa dan Pasca Pandemik Covid-19	<b>Dr Aslina Baharum</b>		2020	2022	Telah Selesai	<b>Ums</b>	<b>25,000</b>

**G. CONSULTANCY**

No	Subject Matter	Consultant	Associates	Date Start	Date Complete	Status Project	Organization/Provider
1	Cisco Networking Academy Program	Instructor	CISCO	2003	2021		
2	Huawei Certification Network Academy	Instructor	HUAWEI	2018	2018		

**G. LIST OF PUBLICATION**

<i>Journal</i>	<ul style="list-style-type: none"> <li>❖ Siti Hasnah Tanalol, Abdullah Bade, Salina Sulaiman, Rechard Lee. 2013. A Framework on Hierarchical SelfCollision Detection for Multiresolution Cloth. International Journal on Interactive Digital Media.</li> <li>❖ The Implications Of Virtual Communication In Managing The Covid-19 Pandemic New Cultural Norms: A Case Study In The Northwest Coast Of Sabah, HSM Yakin, KY Yee, O Yahcob, A Totu, S Sintang, SH Tanalol, Journal of Islamic 6 (37), 90-101</li> <li>❖ User Experience On Cisco Networking Academy E-Learning Platform: A Preliminary Study N SAAD, SHA WAHAB, SH TANALOL, A BAHARUM, NAMAT NOOR, European Journal of Molecular &amp; Clinical Medicine 7 (8), 3797-3804</li> <li>❖ A STUDY ON PERCEIVED ORGANIZATIONAL SUPPORT OF BUDGET HOTEL EMPLOYEES DURING COVID-19 PANDEMIC IN SABAH, MA Usly, DRD Eranza, J Mapjabil, SH Tanalol, ALC Hiung International Journal of Accounting 5 (31), 1-14</li> <li>❖ Chatbot: Virtual Counsellor Using Speech Emotion Recognition System, EM Eiry, A Baharum, SH Tanalol, F Diana, NAMN Deris, RESEARCH &amp; DESIGN IN CHALLENGING ENVIRONMENT, 29</li> <li>❖ A STUDY ON PERCEIVED ORGANIZATIONAL SUPPORT OF BUDGET HOTEL EMPLOYEES DURING COVID-19 PANDEMIC IN SABAH, MA Usly, DRD Eranza, J Mapjabil, SH Tanalol, ALC Hiung International Journal of Accounting 5 (31), 1-14</li> <li>❖ Conceptual and design framework for smart stormwater filtration, ANA Ali, MYMA Khan, N Bolong, KA Maarof, SH Tanalol, 2020 IEEE 2nd International Conference on Artificial Intelligence in in Engineering and Technology (IICAIET)</li> <li>❖ Siti Hasnah Binti Tanalol , Salina Sulaiman, Dr Abdullah Bade, Rechard Lee. 2012. A Framework On Hierarchical Self-Collision Detection For Multiresolution Cloth Surface. International Conference On Interactive Digital Media (ICIDM 2012). 3-4 Dec 2012. Langkawi, Malaysia.</li> <li>❖ Siti Hasnah Binti Tanalol , Salina Sulaiman, Dr Abdullah Bade, Rechard Lee. 2012. Hierarchical Self-Collision Interpenetration Handling On Multiresolution Cloth Surface . International Conference On Postgraduate Education. 18 – 19 Dec 2012, UTM, Johor Bahru.</li> <li>❖ Siti Hasnah Tanalol, Abdullah Bade, Salina Sulaiman, Rechard Lee. 2013. A Framework on Hierarchical SelfCollision Detection for Multiresolution Cloth. International Journal on Interactive Digital Media.</li> <li>❖ Siti Hasnah Tanalol, Abdullah Bade, Salina Sulaiman. 2014. Self-Collision Detection for Cloth Simulation based on Multiresolution Hierarchical Bounding Volume. International Conference On Computational And Experimental Science And Engineering (ICCESEN), 25- 29 October 2014, ANTALYA-TURKEY</li> </ul>
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	<ul style="list-style-type: none"> <li>❖ Abdullah Bade, Ching Sue Ping, Siti Hasnah Tanalol. 2015. Collision Detection for Cloth Simulation Using Bounding Sphere Hierarchy. Jurnal Teknologi (Sciences &amp; Eng.) Special Issue: Computer Graphics &amp; Visions, Vol 75, No 2. UTM Press, Johor Bahru, Malaysia</li> <li>❖ Recharad Lee · Abdullah Bade · Salina Sulaiman · Siti Hasnah Tanalol. (2015). Robust hand-drawn square-roi contour detector based on adaptive thresholding. Jurnal Teknologi (Sciences &amp; Eng.) Special Issue: Computer Graphics &amp; Visions, Vol 75, No 2. UTM Press, Johor Bahru, Malaysia</li> <li>❖ Salina Sulaiman, Liew Kar Thye, Abdullah Bade, Recharad Lee, Siti Hasnah Tanalol. (2015). Integrating biomechanical parameters in modeling of liver with and without tumor in virtual environment. Jurnal Teknologi (Sciences &amp; Eng.) Special Issue: Computer Graphics &amp; Visions, Vol 75, No 4. UTM Press, Johor Bahru, Malaysia</li> <li>❖ Rosnah Ismail Walton Wider, Shuhairimi Abdullah, Jasmine Adela Mutang, Ferlis Bahari, Siti Hasnah Tanalol, (2016) The externalizing behaviours of persons with learning disabilities. In: Seminar Psikologi Kebangsaan iii 2016, 26-27 Mei 2016, Kota Kinabalu, Sabah.</li> <li>❖ Aslina, B., Minshen, C., Siti Hasnah, T., Nurul-Hidayah, M.Z., Mohd-Nabil, Z., Emelia, A.R., &amp; Muhammad, O. Stress Monitoring using Mobile phone and Wearable Technology: Stress Catcher.(2017) Advanced Science Letters, American Scientific Publishers, United States of America (in press).</li> <li>❖ Datu Razali Datu Eranza , Jabil Mapjabil , Andy Lee Chen Hiung , Arsiah Bahron , Siti Hasnah Tanalol. 2020 Conceptual Research on the Business Implications of COVID-19 in Sabah using Industry Analysis Tools. Academic Inspired Network. Journal of Islamic, Social, Economics and Development (JISED). Jil. 5. 32. 26- 36</li> <li>❖ Sani Zaidatol Haslinda Abdullah,Mohd Nizam Dinna N.,Baharum Aslina,Tanalol Siti Hasnah,. 2020 IEEE 2nd International Conference on Artificial Intelligence in Engineering and Technology (IICAJET), Kota Kinabalu, Malaysia, 2020. Older adults' needs and worries about healthy living and mobile technology: A focus group study. International Journal of Advanced Science and Technology. Jil. 29. 9 Special Issue. 1127-1136.</li> <li>❖ Nizam Dinna N.Mohd,Sani Zaidatol Haslinda Abdullah,Baharom Aslina,Tanalol Siti Hasnah,Jack Laura Penny,. 2020 A game experience scoring approach on digital educational games and cognitive styles behaviour. International Journal of Advanced Science and Technology. Jil. 29. 9 Special Issue. 1117-1126.</li> <li>❖ Nordin SAAD Shaliza Hayati A. WAHAB Siti Hasnah TANALOL Aslina BAHARUM Noorsidi Aizuddin MAT NOOR. 2020 User Experience On Cisco Networking Academy ELearning Platform: A Preliminary Study. European Journal of Molecular &amp; Clinical Medicine. Jil. 7. 8. 3797-3804.</li> <li>❖ Azali Saudi, Siti Hasnah Tanalol, Mazlinda Musa. Comparative Study of Ensemble Method vs Deep Learning on Human Activity Recognition for Elderly Care. Journal of Science and Mathematics Letters (10), 32-43.</li> <li>❖ Noordayana Md Yusoff, Siti Hasnah Tanalol, Mazlinda Musa, Aslina Baharum, Azali Saudi. Human Activity Recognition using Machine Learning. Social and Applied Sciences (ICSAS2022).</li> </ul>
<p><i>Chapters in Books &amp; Abstract Books</i></p>	<ul style="list-style-type: none"> <li>❖ Learning Jawi using multi-maker augmented reality. (2021) SH Tanalol, DNM Nizam, ZHA Sani, A Baharum, A Tahir, IA Zolkify, Bulletin of Electrical Engineering and Informatics 10 (5), 2892-2898</li> <li>❖ Effect Mobile Learning Application in Children's Interest, SH Tanalol, A Baharum, M Gasah, NH Nazlan, NAM Noor, S Dullah, Solid State Technology 63 (6), 5047-5056</li> <li>❖ Siti Hasnah Binti Tanalol, Dr Abdullah Bade, Salina Sulaiman 2011. Bounding Volume Hierarchy for Collision Detection. Seminar On Science &amp; Technology : S &amp; T 2011, Kota Kinabalu.</li> </ul>

	<ul style="list-style-type: none"> <li>❖ Rini Hafzah, A.R, Siti Hasnah, T. Aslina, B., Rozita, I., Emilia, A.R., &amp; Noorsidi Aizuddin, M.N. Development of Gamification Linear Algebra Application Using Storytelling. (2019) International Conference on Information and Communication Technology Convergence (ICTC)</li> <li>❖ Esther Jawing, Siti Hasnah Tanalol, Siti Nur Farah Mohammad Saleh. 2020 Gvscales: mobilising the scavenger hunt for English language learning. Solid State Technology. Solid State Technology. Jil. 63. 1s. 1557-1572</li> <li>❖ Siti Hasnah Tanalol, Aslina Baharum, Magrizef Gasah, Nadiyah Hanin Nazlan, Noorsidi Aizuddin Mat Noor, Salinah Dullah. 2020 Effect mobile learning application in children's interest. Solid State Technology. Solid State Technology. Jil. 63. 6. 5047-5056.</li> <li>❖ Mohd Aden Usly, Datu Razali Datu Eranza, Jabil Mapjabil, Siti Hasnah Tanalol &amp; Andy Lee Chen Hiung. 2020 Proceeding: 3rd International Conference on Business, Humanities and Education (ICBHE 2020). A Study on Perceived Organizational Support of Budget Hotel Employees During COVID-19 Pandemic in Sabah. Academic Inspired Network. International Journal of Accounting, Finance and Business (IJAFB). Jil. 5. 31 (dec, 2020). 1-14.</li> <li>❖ Muhammad Idris Bullare @ Bahari, Kenson Rubanjar, Lailawati Madlan @ Endalan, &amp; Siti Hasnah Tanalol. 2020 Prosiding Simposium Antarabangsa Kesejahteraan Psikologi dan Emosi (Edisi Khas Pasca Covid-19). PEMBINAAN e-SKALA SUMBER KEBAHAGIAN SUBJEKTIF ORANG KURANG UPAYA FIZIKAL (e-SSKOKUF). Persatuan Kaunselor Pendidikan Malaysia. Prosiding Simposium Antarabangsa Kesejahteraan Psikologi dan Emosi (Edisi Khas Pasca Covid-19). Jil. 156-168.</li> <li>❖ Aslina, B., Nurul-Hidayah, M.Z., Ismassabah, I., Chew, Y.F., Siti Hasnah, T. &amp; Muhammad, O. 2018 Utilizing Smartphone and Tablet for Appliances Mobile Controller System.. Springer. R. Alfred et al. (Eds.): Computational Science and Technology. ICCST 2018. Lecture Notes in Electrical Engineering (LNEE), vol 488, series by Springer. 273-283.</li> <li>❖ Aslina, B., Siti-Hasnah, T., Edward, J., Nordaliela, M.R., Ismassabah, I. &amp; Nurul-Hidayah, M.Z.. 2018 Dengue Fever Awareness Using Mobile Application: DeFever.. Springer. R. Alfred et al. (Eds.): Computational Science and Technology. ICCST 2018. Lecture Notes in Electrical Engineering (LNEE), vol 488, series by Springer . 284-293.</li> <li>❖ Aslina, B., Nurul Hidayah, M.Z., Ismassabah, I., Chew, Y.F., Siti Hasnah, T., Muhammad, O. . 2017 Computational Science and Technology. Springer. Utilising Smartphone and Tablet for Appliances Mobile Controller System.</li> </ul>
<i>Proceedings</i>	<ul style="list-style-type: none"> <li>❖ Rianty Saimon, Giap Weng Ng, Siti Hasnah Tanalol, Application of Speech Augmented Reality for Sabah Tourism Industry, Proceedings of the 8th International Conference on Computational Science and Technology: ICCST 2021, Labuan, Malaysia, 28–29 August</li> <li>❖ S Sulaiman, TP Hui, A Bade, R Lee, SH Tanalol, 2013. Optimizing Time Step Size In Modeling Liver Deformation, Proceeding of System Engineering and Technology (ICSET).</li> <li>❖ Salina Sulaiman, and Abdullah Bade, and Siti Hasnah Tanalol, and Rechard Lee, (2015) Automatic Tuning Of Liver Tissue Model Using Simulated Annealing And Genetic Algorithm Heuristic Approaches, AIP Conference Proceedings, 1605 . pp. 313-318. ISSN 0094243X</li> </ul>
<b>H. POSTGRADUATE SUPERVISION</b>	

<b>I. MEMBERS OF PROFESSIONAL BODIES</b>	
Internet Society, Global Member (2227349) Lembaga Teknologis Malaysia (GT21100203)	
<b>J. COURSE INVOLVED</b>	
CT0014 Basic Multimedia CP0025 Introduction to Web Programming CK0025 IT Project UT0012 Introduction to Information Technology	