

CURRICULUM VITAE



PROF. DR. SYED ABDUL RAHMAN AL-HADDAD SYED MOHAMED (A02069)

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Education

1. PHD in Electrical, Electronics And System Engineering, 2011, National University Malaysia (UKM)
2. M.Sc. in Computer And Communication Systems Engineering, 2000, Universiti Putra Malaysia (UPM)
3. Degree In Computer Science (Major In Software Engineering), 1997, Universiti Teknologi Malaysia (UTM)
4. Diploma In Computer Science, 1995, Institut Teknologi Mara (ITM)
5. Associate Diploma Computer Studies, 1992, Swansea Institute of Higher Education, UK.

Areas of Interest

1. Speech/Voice/Sound Recognition; Spoken/Natural Language Understanding; Dialog Modelling, Animal Sound Processing, Al-Quran Sound Processing, ECG, EEG Signal and Image Processing

Professional Qualification/ Membership/ Affiliation

1. IEEE Senior Membership
2. MySET
3. Microsoft Certified Technology Specialist (MCTS), Microsoft Institute, 2010
4. Microsoft Certified Professional Developer (MCPD), Microsoft Institute, 2010
5. Essential Of BDA On Fusionex Platform, Dream Cather Consulting & Fusionex Institute, 2016
6. Essential Bigdata Analytics On Fusionex Platform, Myprocert Institute, 2016

Appointments

Position	Duration
1. Professor (Grade VK7) Dept. of Computer and Communication Systems Engineering, Faculty of Engineering, UPM	2020 – to date
2. Associate Professor (Grade DS54), Dept. of Computer and Communication Systems Engineering, Faculty of Engineering, UPM	2012 - 2020
3. Senior Lecturer (Grade DS52), Dept. of Computer and Communication Systems Engineering, Faculty of Engineering, UPM	2006 - 2012
4. Lecturer (Grade DS45), Dept. of Computer and Communication Systems Engineering, Faculty of Engineering, UPM	2000- 2005

5. Tutor, Dept. of Computer and Communication Systems Engineering, Faculty of Engineering, UPM 1997 – 2000
6. Lecturer, Tun Abdul Razak Institute of Technology, Kuala Lumpur 1997

Publications

Journals (Recent 30 Journals)

1. Google Scholar : <https://scholar.google.com.my/citations?user=ON1QjFUAAAJ&hl=en>
2. Scopus : <https://www.scopus.com/authid/detail.uri?authorId=49963059800>
1. SH Abdulhussain, **S.A.R. Al-Haddad**, MI Saripan, BM Mahmmod, A Hussien, 2020. Fast Temporal Video Segmentation Based on Krawtchouk-Tchebichef Moments, IEEE Access 8, 72347-72359
2. ZN Idan, SH Abdulhussain, **S.A.R. Al-Haddad**, 2020. A New Separable Moments Based on Tchebichef-Krawtchouk Polynomials, IEEE Access, 41013-41025
3. LE Hamid, **S.A.R. Al-Haddad**, 2019. Automated Leaf Alignment and Partial Shape Feature Extraction for Plant Leaf Classification, ELCVIA: electronic letters on computer vision and image analysis 18 (1)
4. Sadiq H Abdulhussain, **S.A.R. Al-Haddad**, Abd Rahman Ramli, Basheera M Mahmmod, M Iqbal Saripan, Wissam A Jassim, 2019. A new hybrid form of Krawtchouk and Tchebichef polynomials: Design and application, Journal of Mathematical Imaging and Vision 61 (4), 555-570
5. Sadiq H Abdulhussain, **S.A.R. Al-Haddad**, Abd Rahman Ramli, Basheera M Mahmmod, M Iqbal Saripan, Wissam A Jassim, 2019. Shot boundary detection based on orthogonal polynomial, Multimedia Tools and Applications, Pg 1-22
6. Khmag, A., Al Haddad, S.A.R., Ramlee, R.A., Kamarudin, N., Malallah, F.L. 2018. Natural image noise removal using nonlocal means and hidden Markov models in transform domain, Visual Computer 34(12), pp. 1661-1675
7. Khmag, A., Al Haddad, S.A.R., Ramlee, R.A., Kamarudin, N., Malallah, F.L., 2018. Natural image noise removal using non local means and hidden Markov models in stationary wavelet transform domain, Multimedia Tools and Applications, 77(15), pp. 20065-20086
8. Khmag, A., Al-Haddad, S.A.R., Ramli, A.R., Kalantar, B., 2018. Natural image noise level estimation based on local statistics for blind noise reduction, Visual Computer, 34(4), pp. 575-587
9. Khmag, A., Ghoul, S., Al-Haddad, S.A.R., Kamarudin, N. 2018. Noise level estimation for digital images using local statistics and its applications to noise removal, Entropy, 20(4), 214
10. Abdulhussain, S.H., Ramli, A.R., Al-Haddad, S.A.R., Mahmmod, B.M., Jassim, W.A. 2018. Fast Recursive Computation of Krawtchouk Polynomials, Journal of Mathematical Imaging and Vision, 60(3), pp. 285-303
11. A Khmag, SAR Al Haddad, RA Ramlee, N Kamarudin, FL Malallah, 2018. Natural image noise removal using non local means and hidden Markov models in stationary wavelet transform domain, Multimedia Tools and Applications 77 (15), 20065-20086
12. SH Abdulhussain, AR Ramli, MI Saripan, BM Mahmmod, **S.A.R. Al-Haddad**, 2018. Methods and challenges in shot boundary detection: a review, Entropy 20 (4), 214
13. Khosravinia, K., Hassan, M.K., Rahman, R.Z.A., Al-Haddad, S.A.R. 2018, Improved Latency of CAN Vehicle Data Extraction Method, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 11253 LNCS, pp. 14-26
14. A Khmag, **S.A.R. Al-Haddad**, AR Ramli, B Kalantar, 2018. Single image dehazing using second-generation wavelet transforms and the mean vector L2-norm, Visual Computer 34 (5), 675-684
15. A Khmag, S Ghoul, **S.A.R. Al-Haddad**, N Kamarudin, 2018. Noise Level Estimation for Digital Images Using Local Statistics and Its Applications to Noise Removal, TELKOMNIKA 16 (2), 915-924
16. A Khmag, AR Ramli, **S.A.R. Al-Haddad**, N Kamarudin, 2018. Natural image noise level estimation based on local statistics for blind noise reduction Visual Computer 34 (4), 575-587
17. SH Abdulhussain, AR Ramli, MI Saripan, BM Mahmmod, **S.A.R. Al-Haddad**, 2018. Methods and Challenges in Shot Boundary Detection: A Review. Entropy 20 (4), 214

18. SH Abdulhussain, AR Ramli, **S.A.R. Al-Haddad**, BM Mahmmod, WA Jassi, 2018. Fast Recursive Computation of Krawtchouk Polynomials, Journal of Mathematical Imaging and Vision 60 (3), 285-303
19. A Najih, **S.A.R. Al-Haddad**, AR Ramli, SJ Hashim, MA Nematollahi (2017). "Digital image watermarking based on angle quantization in discrete contourlet transform", Journal of King Saud University-Computer and Information Sciences, Elsevier 29(3): 288-294
20. BM Mahmmod, AR bin Ramli, SH Abdulhussain, **S.A.R. Al-Haddad**, 2017. Signal compression and enhancement using a new orthogonal-polynomial-based discrete transform, IET Signal Processing 12 (1), 129-142
21. BM Mahmmod, AR Ramli, SH Abdulhussain, **S.A.R. Al-Haddad**, WA Jassim (2017). "Low-Distortion MMSE Speech Enhancement Estimator Based on Laplacian Prior", IEEE Access
22. Asem Khmag, **S.A.R. Al-Haddad**, Abd Rahman Ramli, Bahareh Kalantar, (2017). Single Image Dehazing Using Second-Generation Wavelet Transforms And The Mean Vector L2-Norm, Visual Computer, Springer Berlin Heidelberg, pg 1-14
23. Sadiq H Abdulhussain, Abd Rahman Ramli, Basheera M Mahmmod, **S.A.R. Al-Haddad**, Wissam A Jassim, (2017). Image Edge Detection Operators Based On Orthogonal Polynomials, International Journal of Image and Data Fusion, 1-16
24. Mohammad Ali Nematollahi, Hamurabi Gamboa-Rosales, Francisco J Martinez-Ruiz, I Jose, **S.A.R. Al-Haddad**, Mansour Esmaeilpour, (2017). Multi-factor Authentication Model Based On Multipurpose Speech Watermarking And Online Speaker Recognition, Journal Multimedia Tools and Applications, Springer US, pg 1-31
25. Asem Khmag, Abd Rahman Ramli, S.A.R. Al-haddad, Noraziahtulhidayu Kamarudin, (2017). Natural Image Noise Level Estimation Based on Local Statistics for Blind Noise Reduction, Visual Computer
26. Mohammad Ali Nematollahi, S.A.R Al-Haddad, Abdul Rahman Ramli, Azhar Kassim, Shaiful Jahari Hashim, (2017). Frequency Domain Processing For Artificial Synthesis of Swiftlet's Sound Waves, Journal of Telecommunication, Electronic and Computer Engineering (JTEC), Vol 9, Issue 1-3, Page 8 - 93
27. Abdulmawla Najih, S.A.R Al-Haddad, Abd Rahman Ramli, S. J. Hashim and Asem Khmag, (2017). Face Selection for Digital Image Watermarking, International Journal of Applied Engineering Research, Research India Publications. Vol 12, number 5.
28. Sadiq H. Abdulhussain, Abd Rahman Ramli, Syed Abdul Rahman Al-Haddad, Basheera M. Mahmmod, Wissam A. Jassim, (2017). On Computational Aspects of Tchebichef Polynomials for Higher Polynomial Order, IEEE Access. Vol 5, pg 2470-2478.
29. Sura Khalil Abda, S.A.R Al-Haddad, Fazirulhisyam Hashimb, Azizol B.H.J. Abdullahc, Salman Yussof, (2017). An Effective Approach For Managing Power Consumption In Cloud Computing Infrastructure, Journal of Computational Science, Elsevier B.V.pg 12.
30. Abdulmawla Najih, S.A.R. Al-Haddad, Abd Rahman Ramli and S.J. Hashim, Mohammad Ali Nematollahi, (2016). An Overview of Multimodal Biometric Approaches Based on Digital Image Watermarking, Research Journal of Applied Sciences, Engineering and Technology 13(6): 481-494, 2016.

Conference Proceedings (30 recent Conference Proceedings)

1. NH Kamarudin, Bakri Madon, Eileen Ong, Rauf Hassan, S.A.R. Al-Haddad, Asem Khmag, 2019. Preliminary Identification of Speech Hoarseness from Cancer and Normal Speech, 2019 IEEE 6th International Conference on Engineering Technologies and Applied Sciences (ICETAS).
2. Sadiq H Abdulhussain, Basheera M Mahmmod, M Iqbal Saripan, S.A.R. Al-Haddad, Thar Baker, Wameedh N Flayyih, Wissam A Jassim, 2019. A fast feature extraction algorithm for image and video processing, 2019 international joint conference on neural networks (IJCNN)
3. Kavian Khosravinia, Mohd Khair Hassan, Syed Abdul Rahman Al-Haddad Ribhan Zafira Abdul Rahman, 2018. Improved Latency of CAN Vehicle Data Extraction Method, International Conference on Internet of Vehicles
4. Maryamsadat Hejazi, S.A.R. Al-Haddad, Shaiful Jahari Hashim, Ahmad Fazli Abdul Aziz, Yashwant Prasad Singh, 2017. Non-fiducial based ECG biometric authentication using one-class support vector machine, 2017 Signal Processing: Algorithms, Architectures, Arrangements, and Applications (SPA), Poland.

5. Sura Khalil Abd, Syed Abdul Rahman Al-Haddad, Fazirulhisyam Hashim, Azizol BHJ Abdullah, Salman Yussof, 2017. Energy-aware fault tolerant task offloading of mobile cloud computing, 2017 5th IEEE International Conference on Mobile Cloud Computing, Services, and Engineering (MobileCloud), Macau.
6. Sura Khalil Abd, Syed Abdul Rahman Al-Haddad, Fazirulhisyam Hashim, Azizol BHJ Abdullah, Salman Yussof, 2017. Energy-aware fault tolerant task offloading of mobile cloud computing, 2017 5th IEEE International Conference on Mobile Cloud Computing, Services, and Engineering (MobileCloud), USA.
7. SH Masoumi, Syed Abdul Rahman Al-Haddad, Fakhrol Zaman Rokhani, 2017. New tool for converting high-level representations of finite state machines to verilog HDL, 2017 IEEE 15th Student Conference on Research and Development (SCoReD)
8. Maryamsadat Hejazi, S.A.R. Al-Haddad, Shaiful Jahari Hashim, Ahmad Fazli Abdul Aziz, Yashwant Prasad Singh, (2016). Feature level fusion for biometric verification with two-lead ECG signals, 2016 IEEE 12th International Colloquium on Signal Processing & Its Applications (CSPA), IEEE pg 54-59
9. Paul Yong Ng, Chee Kyun Ng, Syed Abdul Rahman Al-Haddad, (2015). Physiotherapy for Elderly through Exergames using Microsoft Kinect Sensor, Journal Proceedings of the Asia-Pacific Advanced Network, pg 119-129
10. Abdulmawla Najih, Syed Abdul Rahman Al-Haddad, Abd Rahman Ramli, Shaiful Jahari Hashim, (2015). A New Colour Image Watermarking Technique Using Special Domain, IT Convergence and Security (ICITCS), 2015 5th International Conference, IEEE, pg 1-5
11. Sura Khalil Abd, Rawia Tahrir Salih, S.A.R. Al-Haddad, Fazirulhisyam Hashim, Azizol B HJ Abdullah, Salman Yussof, (2015). Cloud Computing Security Risks With Authorization Access For Secure Multi-Tenancy Based On AAAS Protocol, Conference TENCON 2015-2015 IEEE Region 10 Conference, IEEE, pg 1-5
12. Sura Khalil Abd, S.A.R. Al-Haddad, Fazirulhisyam Hashim, Azizol Abdullah, A review of cloud security based on cryptographic mechanisms, Biometrics and Security Technologies (ISBAST), 2014 International Symposium IEEE, 106-111.
13. Noraziahtulhidayu Kamarudin, S.A.R. Al-Haddad, Shaiful Jahari Hashim, Mohammad Ali Nematollahi, Bin Hassan, Abd Rauf, Feature extraction using Spectral Centroid and Mel Frequency Cepstral Coefficient for Quranic Accent Automatic Identification, Research and Development (SCoReD), 2014 IEEE Student Conference, Batu Ferringhi.
14. MA Nematollahi, S.A.R. Al-Haddad, S Doraisamy, M Ranjbari, Digital speech watermarking for anti-spoofing attack in speaker recognition, Region 10 Symposium, 2014 IEEE, 476-479.
15. N Kamarudin, S.A.R. Al-Haddad, ARB Hassan, MAM Abushariah, Al-quran learning using mobile speech recognition: An overview, International Conference Computer and Information Sciences (ICCOINS), 2014.
16. M.A nematollahi, S.A.R al haddad, shymala doraisamy, Blind Digital Speech Watermarking based on Eigen-Value Quantization in DWT, TENSYP 2014 IEEE conference, Kuala Lumpur
17. Asem Khmag, Abd Rahman Ramli, Syed Abdul Rahman Al-Haddad and Shaiful Jahari Bin Hashim , "A Detailed Study on Image Denoising Algorithms by Using the Discrete Wavelet Transformation ". International Conference on Advances in Computer Science, Electronics & Communication Technologies 25th January, 2014 Bangkok, Thailand.
18. S.A.R Al-Haddad , Future Human Data, Keynotes The International Conference on Circuits, Power and Computing Technologies (ICCPCT-2013), India
19. A.K. Mwinyi, S.A.R. Al-Haddad, S. J. Hashim, R. Hj Abdullah, Adaptive Design Model on Heterogeneous Learning Management System (LMS) by Utilizing Multi-Agent System (MAS), 2nd International Conference on Computer Science and Data Mining (ICCSDM'13), Pattaya, Thailand
20. A.K. Mwinyi, S.A.R. Al-Haddad, S. J. Hashim, R. Hj Abdullah, Interoperability of Multi-Agent System in Heterogeneous Learning Management System (HLMS) by Deploying Wireless Sensor Networks (WSNS), Proceedings of the 4th International Conference on Computing and Informatics, ICOCI 2013 28-29 August, 2013 Sarawak, Malaysia.
21. A.K. Mwinyi, S.A.R. Al-Haddad, S. J. Hashim, R. Hj Abdullah, Intelligent Students Assessments and Teaching Activity Monitoring for Putra Learning Management System (PLMS), International Conference On Assessment For Higher Education Across Domains And Skills (AHEADS2013) Kuala Lumpur, 17-19 December 2013

22. M.A nematollahi, S.A.R al haddad, Shymaladoraisamy, Faranehzarafshan, Interacting Video Information via Speech Watermarking for Mobile Second Screen in Android Smartphone IEEE SCORED 2013
23. Che Yong Yeo, S.A.R. Al-Haddad, Chee Kyun Ng, Dog voice Identification (ID) for Detection System, Second International Conference on Digital Information Processing and Communications (ICDIPC), 2012, Klaipeda, Lithuania
24. MA Nematollahi, S.A.R. Al-Haddad, S Doraisamy, MIB Saripan, Digital Audio and Speech Watermarking Based on the Multiple Discrete Wavelets Transform and Singular Value Decomposition, Modelling Symposium (AMS), 2012 Sixth Asia, pg 109-114
25. H Faiiazee, R Abdullah, S.A.R. Al-Haddad, K Samsudin Text mining in bioinformatics: Past, present and future, International Information Retrieval & Knowledge Management (CAMP), 2012
26. Mohd Hafidz Mohamad Jamil, S.A.R. Al-Haddad and Chee Kyun Ng, A Flexible Speech Recognition System for Cerebral Palsy Disabled, Communications in Computer and Information Science" (CCIS) Series of Springer LNCS, 2011
27. M. Hafidz M. J., S.A.R. Al-Haddad, Chee Kyun Ng, 2011. Speech Recognition System for Cerebral Palsy, International Conference on Communications and Information Technology (CIT '11), Corfu, Greece, July 14-17, 2011.
28. Faraneh Zarafshan, Abbas Karimi, S. A. R. Al-Haddad, M. Iqbal Saripan, Shamala Subramaniam, 2011. A Preliminary Study on Ancestral Voting Algorithm for Availability Improvement of Mutual Exclusion in Partitioned Distributed Systems. International Conference on Computers And Computing (ICCC '11), Lanzarote, Canary Islands, Spain May 27-29, 2011.
29. Zarafshan, F., Karimi, A., A. B. Jantan and S.A.R. Al-Haddad, A Novel Fuzzy Diffusion Approach for Improving Energy Efficiency in Wireless Sensor Networks. In 3rd International Conference on Machine Learning and Computing (ICMLC 2011), 2011, Singapore, Scopus, ISI-P
30. Yeo Che Yong, S. A. R. Al-Haddad, Ng Chee Kyun "Animal Voice Recognition for Controlling Home Devices", The 7th International Colloquium on Signal Processing and its Applications (CSPA 2011), Penang, Malaysia, March 9-11, 2011.

Books (If any)

1. S.A.R. Al-Haddad , Mohd Hafidz Mohamad Jamil, and Chee Kyun Ng Cerebral Palsy Speech Recognition System, LAP Lambert Academic Publishing, 2012

Chapter in Books (If any)

2. Mohd Hafidz Mohamad Jamil, S.A.R. Al-Haddad and Chee Kyun Ng Chapter in Book, A Flexible Speech Recognition System for Cerebral Palsy Disabled, International Communications in Computer and Information Science" (CCIS) Series of Springer LNCS, 2011
3. Abd Rahman Ramli, Syed Abdul Rahman Syed Mohamed and Beh Kok Siang, Short Messaging Services (SMS) – Past, Present and Future, Advanced Technology Research Bulletin, Institute of Advanced Technology, UPM, Vol. 2, No. 1, pp. 10-11, June 2004.
4. Mohd Yusof Ismail, Ab. Rahman Ramli, Napsiah Ismail, Syed Abd Rahman Al-Haddad, Rosiah Osman, Juraina Md Yusof and Muhammad Saufi Mohd Kassim (Editors) Advanced Technology Congress 2003, Universiti Putra Press 2004, ISBN 983-2871-55-7
5. Syed Abdul Rahman, Tan Cheng Hong, Abd Rahman Ramli, "World Wide Fax", Tribun Putra, Universiti Putra Malaysia, Mei/Jun 2002
6. Syed Abdul Rahman Al-Haddad, Book on C (On progress)

Research Grants

No	Title	Role	Sponsor body	Amount (RM)	Year/Status
1.	SMS Gateway Interface	Member	UPM	RM 10,000	2002-2004
2.	Audio on Demand System Using RTP protocol Based on JMF API	Member	UPM	RM 30,000	2002-2004

3.	Remote Database Uploading Using Fax	Head	UPM	RM 10,000	2002-2003 (Completed)
4.	Develop Fax Based Registration Software	Member	UPM	RM 10,000	2000-2002
5.	Develop Fax Based Registration Software	Head	FRGS	RM 80,000	2000-2002 (Completed)
6.	Development of Combinatorial Optimisation for Cutting Tool Path Strategy	Member	RUGS	RM 70,000	2007-2009 (Completed)
7.	Study on the Extraction and Freeze-Drying Processes of Piper betle L. Standardized Extract	Member	UPM	RM 57,000	2007-2009 (Completed)
8.	Malay Digit Speech Recognition System for Dysarthric	Head	RUGS	RM 30,000	2010-2011 (Completed)
9.	The Design of Speech Segmentation Algorithm For Malay News Broadcasting	Member	FRGS	RM 50,000	2009-2011 (Completed)
10.	Modeling a Hybrid Mobile Ad Hoc Network Based Algorithm	Head	FRGS	RM 63,000	2012-2013 (Completed)
11.	A novel dynamic distributed voting algorithm for fault-tolerance in distributed systems	Head	RUGS	RM 15,000	2012-2013 (Completed)
12.	Modeling Software agents on bioinformatics datasets	Head	RUGS	RM 25,000	2012-2013 (Completed)
13.	Intuitive Learning Environment in Higher Learning Institution	Member	GIPP	RM 10,000	2012-2014 (Completed)
14.	Second Screen Video Via Mobile Digital Video Identification	Head	MDEC	RM 15,000	2013 (Completed)
15.	Swiftlets Wave Sound Detection, Recognition and Synthesis through Spectrogram Processing	Head	MOA	RM 150,800	2013-2015 (Completed)
16.	Power quality stability and demand response analysis of power system	Member	UPM	RM 150,000	2013-2015 (Ongoing)
17.	Exploring a New Interoperability Model on Heterogeneous LMS by Utilizing Multi-Agent Systems (MAS)	Head	UPM	RM 63,000	2013-2015 (Completed)
18.	Fault Tolerant Control of Unmanned Aerial Vehicles (UAVs) Flying in Swarms	Member	UPM	RM 55,800	2013-2016 (Completed)
19.	A Study On Subject Recognition Non-Fiducial Electrocardiogram Biometric System Using Kernel Methods	Head	FRGS	RM 82,800	2014-2016 (Completed)

Data Transfer Security in Cloud Using					
20.	Combination of Multicast Key Management and Symmetric Encryption Algorithm	Head	RUGS	RM 20,000	2015-2016 (Completed)
Acoustic Echo Cancellation Using					
21.	Affine Projection Algorithm for Accents Automatic Identification	Head	GP	RM 20,000	2016-2018 (Completed)
Resource Optimization and Safety					
22.	Management for One Way EV Car Network Sharing System in UPM Campus Testbed	Member	UPM	RM27,000	2017-2018
Reliable Wireless Network Systems					
23.	Using the Rotating Polarization Wave Technology	Head	HITACHI	RM60,000	2018-2019
Smart Drive-Through Takeaway Utilizing Wirelessly Powered Passive					
24.	Tag Automatic Identification for Vehicle Security and Services with Energy Harvesting. Capability	Member	MCMC	RM130,000	2018-2020

Awards/Recognition (Current)

	Award	Year	Title
1	Bronze Medal	2002	Syed Abdul Rahman Al-Haddad, Tan Cheng Hong, Abd Rahman Ramli and V. Prakash, "Fax Net View", at Invention, Innovation, Industrial Design Technology (I.TEX 2002) Kuala Lumpur, 29-31 Mar 2002.
2	2 nd Runner Up	2002	Tan Cheng Hong, Syed Abdul Rahman, Abd Rahman Ramli, "Remote Database Uploading Using Fax", Shell-SPE-UTM Inter-Varsity Student Paper Presentation Contest, University Teknologi Malaysia, Skudai, Johor. 2-3 Feb 2002
3	Celcom Award for 2002	2002	Tan Cheng Hong, Syed Abdul Rahman, Abd Rahman Ramli, "Remote Database Uploading Using Fax", 2002
4	Winner PIKOM	2003	Abd Rahman Ramli, Syed Abdul Rahman Syed Mohamed, Beh Kok Siang, "SMS Gateway Interface", IPTA Research & Development Expositions, PWTC, Kuala Lumpur, 9-12, October, 2003.
5	Timedotcom 2004	2004	Mohd. Fairulrazi Md Fadzil, Syed Abdul Rahman Al-Haddad, Abd Rahman Ramli, "Wireless and mobile system for doctors in hospital", 2004.

6	<i>Excellence Award</i>	2006	Syed Abdul Rahman Al-Haddad, Tan Cheng Hong, Abd Rahman Ramli and V. Prakash, "Fax Net View", at Invention, Innovation, Industrial Design Technology (I.TEX 2002) Kuala Lumpur, 29-31 Mac 2002.
7	<i>Bronze Medal</i>	2009	S.A.R. Al-Haddad, S.A. Samad, A. Hussain, K.A. Ishak and A.O.A. Noor "Speech Recognition for Disable People" at Invention, Innovation, Industrial Design Technology (I.TEX 2009) KLCC Kuala Lumpur, 29-31 Mac 2009.
8	<i>Certificate</i>	2011	Syed Abdul Rahman, Abdul Rahman Ramli, Rusli Abdullah, Shaifulsahari Hashim at World Intellectual Property Organization
9	<i>Excellence Award</i>	2006, 2010, 2011, 2012, 2013, 2014, 2015	<i>Excellence Award Year Achivements</i>
10	<i>Certificate</i>	2014	Mohammad Ali Nematollahi and S.A.R. Al-Haddad, Digital Speech Watermarking For Online Speaker Recognition Through G.722 VoIP Channel at Pameran Rekacipta, Penyelidikan dan Inovasi (PRPI) 2014
11	<i>Bronze Medal</i>	2015	Prof. Madya Syed Abdul Rahman Al Haddad, Digital Speech Watermarking For Online Speaker Recognition Through G.722 VoIP Channel
12	<i>Gold Medal</i>	2015	Syed Abdul Rahman Al-Haddad and Abd Rahman Ramli, GULAGA Second Screen Video Information via Mobile Digital Video Identification at The World Exhibition on Inventions, Researchs and New Technologies (INNOVA), Brussels, Belgium.
13	<i>Special Award form Jury (Bosnia)</i>	2015	Syed Abdul Rahman Al-Haddad and Abd Rahman Ramli, GULAGA Second Screen Video Information via Mobile Digital Video Identification at The World Exhibition on Inventions, Research and New Technologies (INNOVA), Brussels, Belgium.
14	<i>Young Scientist Awards</i>	2015	Sura Khalil (UPM); Rawia Tahir (UPM); S.A.R Al-haddad (UPM); Fazirulhisyam Hashim (UPM); Azizol B Hj Abdullah (UPM); Salman Yussof (UNITEN)IEEE TENCON 2015, Macau
15	<i>Bronze Medal</i>	2016	Syed Abdul Rahman Al Haddad, Rusli Abdullah, Shaiful Jahari Hashim, Heterogonous Learning Management Systems, at Invention & Innovation Awards 2016, Malaysia Technology Expo 2016, Kuala Lumpur
16	<i>Bronze Medal</i>	2016	Shaiful Jahari Hashim, Ahmad Faq Hussain, Ahmad Fazli Abdul Aziz, Fakhrol Zaman Rokhani, Syed Abdul Rahman Al Haddad, Wan Azizun Wan Adnan, Real Time Early Detection of Heart Disease (Arrhythmia) by ECG Signals Employing A Novel Time – Frequency Technique, PRPi16, November 2016
17	<i>Silver Medal</i>	2016	Syed Abdul Rahman Al Haddad, Sura Khalil Abd, FazirulHisyam Hashim, Azizol B Hj Abdullah, Salman Yussof, ENEFDA : Improving Energy Consumption in Cloud Computing Data Centre, PRPi16, November 2016

18	Silver Medal	2016	Syed Abdul Rahman Al Haddad, Maryamsadat Hejazi, Yashwant Prasad Singh, Shaiful Jahari Hashim, Ahmad Fazli Abdul Aziz, Kernel Methods in ECG Biometrics, PRPi16, November 2016
19	Finalist Best of Media and Entertainment Technology	2016	Syed Abdul Rahman Al Haddad, Abd Rahman Ramli, Ali Nematollah, GULAGA : Second Screen Video, APICTA 2016, 20 Oct 2016
20	Silver Medal	2016	Syed Abdul Rahman Al Haddad, Abd Rauf Hassan, Shaiful Jahari Hashim, Asem Khmag, NorAzhiahtulhidayu, Sheikh Qiraat : Accents Automatic Identification Through Feature Selection (Extended Ant Colony Optimization & Sequential Parameterizing) On Echo Cancellation & Pattern Classification.
21	Silver Medal	2017	Syed Abdul Rahman Al-Haddad, Sura Khalil, Fazirulhisyam, Azizol, Salman Yussof, Improving Energy Consumption In Cloud Computing Data Centre, 28 th International Invention, Innovation & Technology Exhibition 2017.
22	UPM Excellence Award	2018	UPM Excellence Award Year Achievements
23	NOMINATED OF UNESCO – KING HAMAD BIN AL-KHALIFA PRIZE FOR THE USE OF ICT IN EDUCATION	2017	Heterogeneous Learning Management System (HLMS) model fulfils the needs of the higher institutions to share learning contents in web-based system.

Professional Services/Consultation

No	Name of project	Role	Institution	Year
1	Industry Research and Development Grant Scheme (IGS)	Panel	Ministry of Science Technology and Innovation (MOSTI) MOSTI, Parcel C, Putra Jaya	2003- 2005
2	Prepare course content for Petronas Oil and Gas	Consultant	Petronas	2011
3	Malaysia Qualification Agency	Senior Panel	MQA, Malaysia	2011
4	Second Screen Video Information via Mobile Digital Video Identification	Project Manager	WAFINA and MDEC	2013
5	Lecture to Petronas on Security and Surveillance	Lecture	Petronas	Dec 2014
6	Review on 3D Anamorphic	Expert Matter	MTDC	2016
7	MyCOMS Project	Researcher	Toyota Auto Body (Malaysia) Sdn Bhd	2016

8 Reliable Wireless
Network Systems Using
the Rotating Polarization
Wave Technology

Researcher

HITACHI JAPAN

2018

Student Supervision

PhD (Main Supervisor)

No	Year Enrolled	Name of Student	Matric	Project Title
1.	2010	Faraneh Zarafshan	GS25621	PERMISSION-BASED FAULT TOLERANT MUTUAL EXCLUSION ALGORITHM FOR MOBILE AD HOC NETWORKS
2.	2011	Amir Kombo Mwinyi	GS31558	SYNCHRONIZATION COMMUNICATION COST ON HETEROGENEOUS LEARNING MANAGEMENT SYSTEM MODEL USING MULTI-AGENT RSYNC ALGORITHM
3.	2011	Mohamad Ali Nemattolahi	GS31565	Digital Speech Watermarking For Online Speaker Recognition
4.	2012	Maryam Sadat Hejazi	GS33580	NON-FIDUCIAL BASED ELECTRODARIOGRAM BIOMETRICS WITH KERNEL METHODS
5.	2012	AbdulMawla Najih	GS35603	SECURING MULTIBIOMETRIC AUTHENTICATION SYSTEM USING FRAGILE WATERMARKING AND CONVOLUTIONAL NEURAL NETWORK
6.	2013	Noraziahtulhiday u Binti Kamarudin	GS37053	Qira'at Identification Through Sequential Windowing Parameterizing And X-Ant Colony Optimization
7.	2013	Sura Khalil Abd	GS37091	Improving Energy Consumption in Cloud Computing Datacenter using a Combination of Energy Aware Resource Allocation and Scheduling Mechanism
8.	2014	Hasan Mohammad Hasan	GS40829	Real-time Robust and Secure Communications in Vehicular Ad Hoc Networks (VANETs)
9.	2018	Abdelqader Shahril Azwin bin Zainul Abidin	GS53878	
10.	2019	Suresh Kumar Natarajan	GS54210	Distance Speech Recognition for controlling home appliances using Microphone Array and Beamforming

MS with thesis (Main Supervisor)

No.	Name	Title
1.	Kamala Ernest (GSO6628)	Online energy- use benchmarking for industries in Malaysia
	Isah Abdul Azeez Watson (GS29893)	Reinforcement of Security Architecture for RFID- Based Authentication protocol in Mobile Payment Platform
2.	Seyed Hossein Masoumid Ezfouli (GS30876)	Sound Localization Detection
3.	Laith Emad Hamid (GS31508)	Automated Plant Classification System using a

