



CURRICULUM VITAE

1. Personal Information

Name: Dr. Rohaya Latip

Academic Post: Associate Professor

Status(Appointment): Permanent

2. Education

Degree	Field	Institution	Year
Diploma	Computer Science	University Technology Malaysia	1997
BS	Commuter Science	University Technology Malaysia	1999
MSC	Computer Science (Distributed System)	University Putra Malaysia	2001
PhD	Distributed Database	University Putra Malaysia	2009

3. Academic experience

1999-2000	Lecturer, College of Technology Cybernetic
2000-2002	Tutor, Universiti Putra Malaysia
2002-2009	Lecturer, Universiti Putra Malaysia
2009-2012	Senior Lecturer, Universiti Putra Malaysia
2012-2013	Assistant Professor, Najran University, Saudi Arabia
2013- 2015	Senior Lecturer, Universiti Putra Malaysia
2015- present	Associate Professor, Universiti Putra Malaysia

4. Administrative experience

15 July 2017- 14 July 2022	Head of Department, Department of Technology Communication and Network
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2014-2020	Board of Director CASD Sdn Bhd (Startup company under INNOHUB UPM)
2010- 2019	Co-researcher INSPEM
2016-2017	Committee Member of Faculty Industry and Community (JIMN) unit.
2016-2017	Coordinator of Department Industry and Community (JIMN) unit.
2011-2012	Head of HPC Section, INSPEM
2012-2013	Coordinator of 222CSS-3, 333CSS-3, 474CSS-3, 429CSS-3, Najran University, Saudi Arabia
2012-2013	ABET Committee Member, Najran University, Saudi Arabia
2010-2012	Auditor for Master and Bachelor Degree, University Putra Malaysia.
2009-2011	Committee Member of Quality Assurance FSKTM, UPM, Malaysia
2008-2010	Committee Member of Industrial Training, FSKTM, UPM, Malaysia
2008-2012	Committee member of Department Curriculum
2008-2012	Committee member of Department Research
2008-2009	Coordinator for Kolej Kota, Melaka
2008-2009	Coordinator of SKR3200 Collaboration Program UPM-IPTS

5. Other experience

25-27March 2022.	Keynote and Technical Committee at 5th International Conference on Electronics, Communications and Control Engineering (ICECC 2022) will be held at Fukuoka Institute of Technology, Japan
22-23 December 2021	Keynote at 2021 3rd International Conference on Computer Science Communication and Network Security (CSCNS2021) in Sanya, China
23-25 June 2021	Keynote and Program Chair 3rd International Conference on Information Technology and Computer Communications (ITCC 2021 in Guangzhou, China.
17-19 August 2021	Advisor for Fifth International Conference On Interdisciplinary Computer Science And Engineering 2021 (ICICSE2021)
8-10 July 2021	Technical Committee 3rd International Electronics Communication Conference (IECC 2021) Ho Chi Min, Vietnam
14-16 Dec 2020	Technical Committee IEEE 3 rd Int Conf on Electrics and Communication Engineering (ICECE2020) Xian China
5-6 Oct 2020	Advisor for Fourth International Conference On Interdisciplinary Computer Science And Engineering 2020 (ICICSE2020)
23rd September 2020.	Keynote for 1 st International Webinar on Computing &

	Analytical Sciences, UiTM Perlis
26 - 28 June 2019	General Chairman International Conference On Interdisciplinary Computer Science And Engineering 2019 (ICICSE2019), Miri Sarawak
30-31 July 2018	General Chairman International Conference On Interdisciplinary Computer Science And Engineering 2018 (ICICSE2018), Kuching Sarawak
7-8 Feb 2017	General Chairman International Conference On Interdisciplinary Computer Science And Engineering 2017 (ICICSE2017), Serdang Selangor
26 August 2020-Present	President of PERMATA UPM
2019-2020	Deputy President UPM Women Society (PERMATA)
17 Sept 2019	Editorial Board of Special issue for Journal IJATCSE Vol 8(1)
2018	Evaluator Yayasan UTP Fundamental Research Grant (YUTP-FRG)
30 Mar-4 April 2018	Duta Program, AMS Program, Bangladesh
14-15 April 2016	Keynote Speaker Int. Conf. Data Mining, Cloud Computing, Big Data (ICDCB2016) Kuala Lumpur, Malaysia
24 Oct 2016	Panel Temuduga Kementerian Pengajian Tinggi (KPT)
Oct 2016	AJK Pelaksana Expo Konvokesyen
2014-2016	Treasury of PERMATA UPM.
3 August 2016	Ketua Program Malaysia Computing Challenge Program (MCC)- MRSM Alor Gajah
2016-2017	Ketu program Malaysia Computing Challenge (MCC) Sek Rendah dan Menengah 2016-2017
2016	Fasilitator MCC Sek. Kebangsaan Cyberjaya
22 August 2016	Expert Panel IRIS2016, UTHM
17 August 2016	Consultant IRIS2016, UTHM
2016	Penceramah Starting School
2016	Volunteer Program Semarak Ramadan 4.0 Universiti
28 Oct 2016	Panel Temu duga Biasiswa Antarabangsa KPT
29-30 Nov 2016	Session Chair Int Conf. Computational Science and Technology ICCST2016, Sarawak, Malaysia
19-21 Dec 2014	Keynote Speaker CASH 2014, Kuala Lumpur, Malaysia
2014-2016	Committee member of Computer Science Society Club.
Dec 2013	Committee member ICCNT 2013, Adelaide Australia.
Dec 2013	Committee member of ICIDM 2013, Sarawak Malaysia.
10-12 July 2012	Program Chair The Second International Conference on Digital Information Processing and Communications (ICDIP 2012). Lithuania
2014	Committee member of ICCNT 2014, Bali Indonesia.
2014-ongoing	Reviewer of Future Generation Elsevier
2014	Reviewer of Int. Journal of Networking and Virtual Organizations.
2011 onward	Editorial in Chief for International Journal on New Computer Architectures and Their Applications (IJNCAA)
2011	Reviewer ICNIT2011 Gyeongju City, Korea
2011	Reviewer ICSECS 2011
2010	Reviewer for APPNET
2010	Reviewer for ITSIM 2010

2010	Reviewer for International Journal IJCSSE, Curtin University, Australia
2010	Committee member of IDC2010, AIDIT, Korea
2008-ongoing	Reviewer Journal Pertanika
2010	Reviewer ICMLA 2010
2010	Reviewer ICCIT2010
2009	Reviewer ICSECS'09

1. Certifications or professional registrations

- 2011 SQL Database
- 2011 One Citizen (Ethical computing)

2. Student Supervision

Program	Status	Main Supervisor	Member
PhD	Graduated	6	3
	Ongoing	4	3
Master (with thesis)	Graduated	3	
	Ongoing	0	
Master (Coursework)	Graduated	31	
	Ongoing	0	

Main Supervisor for PHD Students

1. Bakri Yahya, Improving Resource Management With Multi-Instance Broker Scheduling Algorithm (MiBSA) In Hierarchical Grid Computing, 2016.
2. Faruku Ambursa, Scheduling Algorithms for Satisfying QoS requirements of Workflow Application, 2017.
3. Zulailie Mabni, A Novel Clustering-Based Replica Control Protocol For High Availability In Grid Environment, 2019.
4. Fazlina Mohd Ali, Enhanced Replication Strategy With Balanced Quorum Technique And Data Center Selection Method In Cloud Environment, 2022.
5. Mohamed Alsaih Abdurabu, Qos Scheduling For Independent And Scientific Workflows in Cloud Computing, 2022.
6. Mazen Farid Ebrahim Ramdhan, Multi Objective Based Scientific Workflow Scheduling Algorithm in Multi Cloud Environment for Satisfying Qos Requirements, 2022.

Main Supervisor for Master by research

1. Chong Mien May, Fast Data Transfer technique for Large Data in Grid Environment, 201
2. Mohammad Yaseer Shafazad Client-Server CPU Availability Prediction And Job-Machine Matchmaking In A Desktop Grid 2015
3. Alaa Abdullah Mohammed Al-Saadi, Projected Majorized Correlation Technique For Noise Filtering And Accuracy In Orthogonal Frequency Division Multiplexing , 2019.

PhD Examiner:

No.	Name	Topic	Intitution	Status
1.	Fuad Hasan Mohammed Abdulrazak	Resource management algorithms for wavelength division multiplexing optical metro slotted ring networks	UPM	Completed (2012)
2.	Mehnaz Moudi	Mathematical Modeling and Simulation of An X-Foldded TM topology with Partitioning Scheme to avavoid Congestion in Interconnection Network	UPM	2017
3.	Mohd Hairry Mohammad iah	Resource Management Mechanism in Cloud Computing	UPM	2017
4.	Ali Mohammed E Ejmaa	Dynamic Density Aware on Demand Routing Algorithm for wireless	UPM	2017
1.	Mohamed Ali Khoshikhol ghi	Energy Efficiency Mechanism for Dynamic Virtual Machine Consolidation in Cloud Data Centers.	UPM	2017
2.	P.V Praveen Sundar	Detection and analysis of students Disengagement in online learning using Education Data Mining Techniques	Bharathiar University , India	2017
3.	Normalia Samian	Cooperation Stimulation Mechanism in Wireless Multihop Networks	UPM	2018
4.	Nurul Husna Binti Mohd Saad	Skyline Queries On Data With Uncertain Dimensions For Efficient Computation	UPM	2019
5.	Eng Kai Lun	Heuristic Approaches For Efficient Static And Dynamic Task Scheduling And Multi-Objective Optimisation In Grid Computing	UPM	2019
6.	Haider Fawzi Mahmood Al-Shakarchi	Decision Support System For Optimizing Field Operation Of Selected Tillage Implements	UPM	2019
7.	Yunus Parvej Faniband	Internal Examiner 2 A Mobile Synchronization Framework To Enhanced Large Object Management In Mobile Cloud Storage Service	UPM	2021
8.	SULEIMAN SA'AD	Meta-Heuristic Approaches For Efficient Task Scheduling In Cloud Computing Environment	UPM	2022

9.	Masoud G horbanian	Personalized Product Recommendation Algorithm Using Longtail Scheme	UTM	2021
10.	Najhan Muhammad Ibrahim	Agent based MOM framework for Cross-Platform Communication in Multiple Type of SOA Applications	UTP	2019
11.	C.Dhanush a	Empowered Uncertainty Approaches With Deep Pattern Models For Early Alzheimer Disease Detection In Heterogeneous Multidomain Datasets	Bharathiar University, India	2022

3. Principal publications (in 5 years)

CIJ Journal (Scopus / ISI)

1. Farid, M., **Latip, R.**, Hussin, M., & Hamid, N. A. W. A. (2021). A fault-intrusion-tolerant system and deadline-aware algorithm for scheduling scientific workflow in the cloud. PeerJ Computer Science, 7, e747. **Q3: (IF = 1.392, 2020)**
2. Nweso Emmanuel Nwogbaga , **Rohaya Latip**, Lilly Suriani Affendey, Amir Rizaan Abdul Rahiman,(2021), *Investigation into the effect of data reduction in offloadable task for distributed IoT-fog-cloud computing*. Journal of Cloud Computer. 10(1): 40. **Q1:(IF 5.353).**
3. M.A. Fazlina, **Rohaya Latip**, Hamidah Ibrahim and Azizol Abdullah, (2021), *Replication Strategy with Comprehensive Data Center Selection Method (RS-DCSM) in Cloud Environments*, Computers, Materials & Continua Journal, **Q1(IF: 4.89)**
4. M.A. Fazlina, **Rohaya Latip**, Mohamed A. Alrshah. Hamidah Ibrahim And Azizol Abdullah,(2021) *Vigorous Replication Strategy with Balanced Quorum for Minimizing the Storage Consumption and Response Time in Cloud Environments*, IEEE ACCESS Journal, Institute of Electrical and Electronics Engineers (IEEE), **Q1 (IF:4.197)**
5. Amirah Alomari, Shamala K. Subramaniam, Normalia Samian, **Rohaya Latip**, Zuriati Zukarnain, (2021), *Resource Management in SDN-Based Cloud and SDN-Based Fog Computing: Taxonomy Study*. Symmetry 13(5): 734. **Q2(IF: 2.217)**
6. Zulfiqar Ahmad, Ali Imran Jehangiri, Mohamed Othman, **Rohaya Latip**, Sardar Khaliq Uz Zaman and Arif Iqbal Umar (2021).Scientific Workflows Mangament and

- Scheduling in Cloud Computing: Taxonomy, Prospects and Challenges. IEEE ACCESS Journal, Institute of Electrical and Electronics Engineers (IEEE), Vol 9 pp. 53491-53508. **Q1 (IF:4.197)**
7. Mazen F., **Rohaya Latip**, Hussin, M., Nor Asilah Wati, Abdul Hamid, (2020) Scheduling Scientific Workflow using Multi-objective Algorithm with Fuzzy Resource Utilization in Multi-cloud Environment . IEEE ACCESS Journal, Institute of Electrical and Electronics Engineers (IEEE), Vol 8 pp.24309-24322. **Q1 (IF:4.197)**
 8. Farid, M., **Latip, R.**, Hussin, M., & Abdul Hamid, N. A. W. (2020). A survey on QoS requirements based on particle swarm optimization scheduling techniques for workflow scheduling in cloud computing. Symmetry, 12(4), 551.**Q2: (IF = 2.713)**
 9. Ali A. Elrowayati, Mohamed A. Alrshah, Mohammad Faiza Liew Abdullah, and **Rohaya Latip**, (2020), HEVC Watermarking Techniques for Authentication and Copyright Applications: Challenges and Opportunities. IEEE ACCESS Journal, Institute of Electrical and Electronics Engineers (IEEE), Vol 8 pp.114172-114189. **Q1 (IF:4.197)**
 10. Alsaih M.A, **Rohaya Latip**, Abdullah A. Alezbi K.A, (2020) Dynamic Job Scheduling Strategy Using Jobs Characteristics in Cloud Computing Journal Symmetry 12(1638):1638. **Q2(IF: 2.217)**
 11. Mazen F., **Rohaya Latip**, Nor Asilah Wati Abdul Hamid, Hussin, M.,(2020), A Survey on QoS requirement based on Particle Swarm Optimization Scheduling Techniques for Workflow Scheduling in Cloud Computing , *Journal Applied Science*, MDPI, pp1-28, **Q2(IF: 2.217)**
 12. Mazen F., **Rohaya Latip**, Nor Asilah Wati Abdul Hamid, Hussin, M.,(2020) *Comparative Analysis Of Pso-Derived Workflow Scheduling Algorithms In Cloud Computing Based On Qos Requirements, International Journal Of Advanced Research Engineering And Technology (IJARET)"*, Vol 11 (12),pp. 1387 - 1399.
 13. Faten Saif, **Rohaya Latip**, Ali Amer Alwan, Derahman, M.N., (2019), *Performance evaluation of task scheduling using hybrid meta-heuristic in heterogeneous cloud environment* , International Journal of Advanced Trends in Computer Science and Engineering 8(6):3249-3257, pp 3249-3257.
 14. Lilly Suriani Affendey, Razali Yaakob, dan **Rohaya Latip** (2019), A Weighted-Range Classification Model for Localizing Cell using Crowdsorce Data , Blue Eyes Intelligence Engineering & Sciences Publication , pp. 1351-1358.
 15. **Rohaya Latip** (2019) OTS: An Optimal Tasks Scheduling Algorithm Based on QoS in Cloud Computing Network, *International Journal of Advanced Trends in Computer Science and Engineering Vol 8(14)* pp. 178-181.
 16. Alaa Abdullah, **Rohaya Latip**, (2019), Performance Optimization method in OFDM based on Majorization and Minimization Technique. *International Journal of Advanced Trends in Computer Science and Engineering Vol 8(14)* pp. 187-194.

17. Hasan, Sazlinah, Aws Fadhil Ibrahim, AA Ariffin, and **Rohaya Latip** (2019), An Efficient Virtual Machine Scheduling Algorithm To Minimize Makespan And Maximize Profit Using Hyper Heuristic Approach, . *International Journal of Advanced Trends in Computer Science and Engineering* Vol 8(14) pp 206-216.
18. Amir Rizaan, H. Ibrahim, **Rohaya Latip**, (2018) - Optimising the Space Utilisation in Real-Time Flash Translation Layer Mapping Scheme. *International Academic Journals*, International, pp 381-385.
19. Fazlina Mohd Ali, **Rohaya Latip** (2018), Replication Strategies For Big Data In Cloud Environment. *International Journal of Engineering and Technology (UAE) (IJET)*. Vol 7, No 4.31 pp 357-362.
20. Alaa Abdullah Al Saadi, **Rohaya Latip**, Abdullah Muhamed, Helmy Mohd Wahab,(2018). Channel Estimation in OFDM Multipath Fading Channel Systems According to Modulation Schemes, *Journal of Engineering and Technology(UAE) (IJET)*. Vol 7, No 4.31 pp 368-374.
21. **Rohaya Latip**, Zulaile Mabni,(2017). A High Availability Cluster-Based Replica Control Protocol In Data Grid. *Journal Of Communication And Information Technology (JICT) Scopus*. Vol 16. (1). pp 43-62.
22. Faruku Umar Ambura, **Rohaya Latip**, Shamala Subramaniam, Azizol Abdullah (2017). Probabilistic Reliability Prediction Models for Task Scheduling in Distributed Systems : A Review. *Journal of Engineering and Applied Sciences* 12(3), pp 644-652. ISSN: 1816-949X.
23. Ahmed Shakir Al-Hiti, **Rohaya Latip** and Mohd Noor Derahman, (2017). Modeling and Analysis of Multicast Protocols Over IPv6. *Journal of Engineering and Applied Sciences*, Vol 12(3),pp 542-547
24. Masnida Hussin, Mohd Noor Derahman, Siti Fajar Jalal and **Rohaya Latip**, (2017). Trust-Aware Scheduling for Tasks with Precedence Constraints in Heterogeneous Distributed Computing. *Journal of Engineering and Applied Sciences*, Vol 12(3), pp. 488-493.
25. Naghshbandi, Danial, Shamala Subramaniam, **Rohaya Latip**, Zurina Hanapi(2017). Fair-Oriented Urgency Based and ModulationAware Bandwidth Allocation Mechanisms for IEEE 802.16 Bas Stations. *Journal IEEE Access*. **Q1(IF: 4.098)**
26. Faruku Umar Ambursa, **Rohaya Latip**, Azizol Abdullah, Shamala Subramaniam (2016). A particle swarm optimization and min–max based workflow scheduling algorithm with QoS satisfaction for service oriented grids, *The Journal of Supercomputing*, pp 1-34, doi:10.1007/s11227-016-1901-x. **Q2 (IF: 2.197)**
27. Mazen Farid, **Rohaya Latip**, Masnida Hussin, Mohammed Abdulkarem, (2016), Indexing Strategies of MapReduce for Information Retrieval in Big Data, *International Journal of Advances in Computer Science and Technology (IJACST)*, Vol.5 (3), pp 1-6.
28. Mohamed Abdulkarem, **Rohaya Latip**(2015), Data Transmission Performance Analysis In Cloud And Grid, *Journal Of Engineering And Applied Sciences* Vol 10(18), pp. 8451-8457.
29. **Rohaya Latip**, Mien May Chong and Hamidah Ibrahim, (2016), Framework of Fast

- Medical Data Transmission, International Journal of Advances in Computer Science and Technology (IJACST), Vol.5 (3), pp 19-23.
30. Zulaile Mabni, **Rohaya Latip**, Hamidah Ibrahim (2016) , A Cluster-Based Data Replication Technique for Preserving Data Consistency in Data Grid, International Journal of Advances in Computer Science and Technology (IJACST), Vol.5(3), pp 7-11.
 31. **Rohaya Latip**, Chong Mien May (2015). Medical Videos And Images Management System In Grid Environment, Journal Of Engineering And Applied Sciences. Vol. 10(20), pp. 9876-9883.
 32. Dewi Puspa Suhana Ghazali , **Rohaya Latip**, Masnida Hussin and Mohd Helmy Abd Wahab , (2015). A Review Data Cube Analysis Method In Big Data Environment, Journal Of Engineering And Applied Sciences Vol 10(18), pp. 8525-8532.
 33. Maizura Ibrahim, Hamidah Ibrahim, Azizol Abdullah & **Rohaya Latip** (2016), A High Performance Ucon And Semantic-Based Authorization Framework For Grid Computing , Journal of ICT, vol. 15(1), pp 183–202.
 34. Ahmed Shakir Al-Hiti, **Rohaya Latip**, R.K.Z Sahbudin, (2016) Comparative Analysis of Routing protocols over WiMAX, Advanced Science Letters Vol. 4, 400–407.

b. Conference (oral presentation)

No.	Name of Writer(s)	Title	Name of Seminar/Conference	Organizer	Place	Date
1.	Rohaya Latip, Faten A. Saif , MN Derahman , Ali A. Alwan	GA-DE hybrid meta-heuristic algorithm for task scheduling in Heterogeneous Cloud Environment	The 6th International Joint Conf. On Convergence (IJCC 2020)]	Institute Internet, Broadcasting An Communication (IIBC)	Auckland New Zealand	4-5 Feb 2020
2.	Rohaya Latip, Faruku Umar Ambursa , Masnida Hussin , Azizol Abdullah , Shamala K.Subramaniam	Multi-QoS Constraints-aware PSO-based Workflow Scheduling for Service-oriented Grid	ISAAC2015	The Institute of Internet, Broadcasting and Communication 2015	Seoul, Korea	Dec 2015

3.	Masnida Hussin and Rohaya Latip.	"Adaptive Resource Control Mechanism Through Reputation-Based Scheduling In Heterogeneous Distributed Systems"	ICCNT2013,	Science Publication	Adelaide Australia	2-4 Dec 2013 . Accepted.
4.	Rohaya Latip, Faruk Umar Ambursa	A Survey: Particle Swarm Optimization -Based Algorithms For Grid Computing Scheduling Systems.	ICCNT2013,	Science Publication	Adelaide Australia	2-4 Dec 2013 . Accepted.
5.	Rohaya Latip, Taziq Mizan, Feras Hanandeh.	Replica Control Protocol: Triple Quorum Replication (TQR) in Data Grid	CSIT 2013	IEEE	Amman Jordan	27-28 March 2013
6.	Rohaya Latip, Feras Ahmad Hanandeh, Mohd Helmy Abd Wahab, Tazquia Mizan	Data Management of Triple Quorum Replication (TQR) for Data Grid	KMICE 2012 (Indexed ISI Thomson)	UUM	Johor, Malaysia	4-6 July 2012
7.	Rohaya Latip, Liew Wai San, Farah Habib Chanchary	Checkpointing in Selected Most Fitted Resource Task Scheduling in Grid Computing	ICCSE 2012	IEEE	Melbourne Australia	14-16 July 2012

8.	Maizura Ibrahim, Siti Nurbayah Hamdan, Hamidah Ibrahim2, Azizol Abdullah, Rohaya Latip	Intergrid Security Policy Integration Framework Based On Ucon Toward Federated Grid Access Control	ICIA2012	SDWIC	Malaysia	3-5 June 2012
9.	Rohaya Latip, Zulakhairi Idris	Highest Response Ratio Next (Hrrn) Vs First Come First Served (Fcfs) Scheduling Algorithm In Grid Environment	Int. Conf. Software Engineering and Computer System. (ICSECS 2011)	UMP, Malaysia	Pahang	27- 29 June 2011
10.	Ismail, R.; Hamid, N.A.W.A.; Othman, M.; Rohaya Latip.; Sanwani, M.A.	MPI Communication Benchmarking on Intel Xeon Dual Quad-Core Processor Cluster	International Conference on Open Source (ICOS 2011)	IEEE	Langkawi Malaysia	25- 28 Sept. 2011
11.	Rohaya Latip , Adam Malik	Enhanced Simple Fair Execution Time Estimation (Esfete) Scheduling Algorithm For Grid Scheduler	IADAS – Telecommunication and Network System (TNS 2011)	IADIS	Rome, Italy	20- 22 July 2011
12	Chong Mien May, Rohaya Latip	Splitting Strategies for video images	Int. Conf. Software Engineering	UMP, Malaysia	Pahang	27- 29 June

		processing in Medical Data Grid	and Computer System. (ICSECS 2011)			2011
13.	Bakri Yahya, Rohaya Latip.	Dynamic Load Balancing Policy With Communication And Computation Elements In Grid Computing With Multi-Agent System Integration	Int. Conf. Software Engineering and Computer System. (ICSECS 2011)	UMP, Malaysia	Pahang	27-29 June 2011
14.	Rohaya Latip, Aminah Hidayah Mohamad Ariff	Dual Quorum Replication (DQR): A Protocol for Data Replication in Data Grid	International Conf. Soft Computing and Data Engineering (SCDE 2010)	SERSC	Jeju Island, South Korea.	13-15 Dec 2010
16.	Rohaya Latip, Hamidah Ibrahim, Feras Ahmad Al-Hanandeh	Scientific Data Sharing Using Clustered-based Data Sharing (CDS) in Grid Environment	Knowledge Management International Conference (KMICE 2010)	UUM	Malaysia	25-27 May 2010
17	Rohaya Latip, Hamidah Ibrahim, Mohamed Othman, Md. Nasir Sulaiman, Azizol Abdullah.	Simulation of Diagonal Data Replication in Mesh.	International Conference on Computing and Informatics	UUM	Kuala Lumpur	24-25 June 2009

			(ICOCI09)			
18.	Rohaya Latip, Hamidah Ibrahim, Mohamed Othman, Md Nasir Sulaiman And Azizol Abdullah.	Framework Diagonal Data Replication in Mesh.	4 th International Conference on Information Technology and Multimedia (ICIMU' 2008)	UNITEN	Malaysia	17 – 19 November 2008 .
19.	Rohaya Latip, Hamidah Ibrahim, Mohamed Othman, Md Nasir Sulaiman And Azizol Abdullah.	Diagonal Data Replication Protocol For Large Dynamic Network.	4 th International Conference on Information and communication Technology and System (ICTS)2008).	Institut Teknologi Sepuluh Nopember (ITS) Surabaya - Indonesia and supported by Faculty of Engineering - Kumamoto University (Japan) and JICA PREDICT - ITS.	Surabaya, Indonesia	4-5 August 2008
20.	Rohaya Latip, Hamidah Ibrahim, Mohamed Othman, Md Nasir Sulaiman And Azizol Abdullah.	Diagonal Data Replication in Grid Environment .	International Conference on Rough Set and knowledge Technology (RSKT08)).	BIT • IEEE CRSSC Uni of Regina	Chengdu, China	17- 19 May 2008 .
21.	Rohaya Latip, Hamidah Ibrahim, Mohamed Othman, Md Nasir Sulaiman And Azizol Abdullah.	Diagonal Data Replication in Grid Environment .	International Conference on Computational Science and Its Application (ICCSA07).	IEEE and Springer	Selangor, Malaysia	26- 29 August 2007
22.	Rohaya Latip, Hamidah Ibrahim, Mohamed Othman, Md Nasir Sulaiman And Azizol Abdullah.	Strategies on Replica Control Protocol in Distributed Database.	IEEE International Conference on Computer & Communicati	IEEE	Kuala Lumpur, Malaysia	9-11 May 2006 .

			on 2006.vol 1			
23	Rohaya Latip, Mohamed Othman.	Simulation Of Wormhole Routing Using Dimension Order Routing Algorithm.	Intelligent System & intelligent Technology Seminar (ISIT)	ITM, UPM	Serdang , Selango r.	2004
24.	Rohaya Latip, Mohamed Othman.	Simulation of Wormhole routing in Torus.	National Conference On research and Developmen t in Computer Science (REDECS),	UPM	UNITE, Selango r	22- 25 Octo ber 2001 .

c. Book

No.	Name of Writer(s)	Title	ISBN	Year
1.	Mohd Shafie Bin Rahaman, Rohaya Latip,.	<i>Red Hat 5.2</i>	ISBN : 978-967-11623-1-6	2013

d. Other Presentation (Poster/Product/Exhibition/Showcase)

No.	Name of Writer(s)	Title	Name of Seminar/Conference / Exhibition	Place	Date
1.	Muhammad Abdul Shahid Hasri, Rohaya Latip	Intelligent Traffic Light (INTRALIGHT) System for Pedestrian	International Undergraduate Research Project Colloquium (IURPC 2020) Won Champion Award	UTIM Perlis	23 Sept 2020
2.	Nadia Aqilah Che Malek, Rohaya Latip	Intelligent Traffic Light (INTRALIGHT) System	International Undergraduate Research Project Colloquium (IURPC 2020) Won Inspiring Award	UTIM Perlis	23 Sept 2020

3.	Amirah Tahir, Rohaya Latip	BHelper: Mobile Reader for blind	Putra InnoCreative Competition (PiCTL) 2019, Won Silver	UPM	16 Oct 2019
4.	Rohaya Latip, Bukryman Sabri	Replika Kubur	INOMOS, USM, Won 4 th place.	USM	27-29 Mac 2019
5.	Rohaya Latip, Chong Mien May	A Novel Multimedia File Splitting Technique for Medical Data Grid Storage.	MTE 2014. Won Gold Medal.	PWTC	20- 22/2/2 014
6.	Rohaya Latip, Chong Mien May	A Novel Multimedia File Splitting Technique for Medical Data Grid Storage.	MiExpo 2013. Won Gold Medal.	UPM	26-28 Sept.20 13
7.	Rohaya Latip	Dual Quorum Replication (DQR): A Protocol for Data Replication in Data Grid	Department Seminar	Seminar Room, FSKTM	4 Jan 2011
8.	Rohaya Latip, Hamidah Ibrahim	Quorum-based Data Replication in Data Grid	Exhibition of Design, research and Innovation. (PRPI) 2010	UPM	20-22 July 2010
9.	Rohaya Latip	Diagonal Data Replication in Grid Computing	Departmental Seminar	FSKTM Seminar Room	July 2008
10.	Rohaya Latip, Hamidah Ibrahim, Mohamed Othman, Md. Nasir Sulaiman and Azizol Abdullah.	High Availability of DR2M protocol in Grid Environment.	Exhibition of Design, research and Innovation. (PRPI) 2007, Won Bronze.	UPM	2007
11.	Rohaya Latip, Hamidah Ibrahim, Mohamed Othman, Md. Nasir Sulaiman and Azizol Abdullah.	Diagonal Replication Grid Structure in Grid Environment.	Exhibition of Design, research and Innovation. (PRPI)2006, Won Bronze.	UPM	2006

6. Scientific and professional societies of which a member

No.	Title	Level (International/National/University/Faculty/Department)	Year
1.	Association for Computing Machinery (ACM)	International	2020 Onwards
2.	Member of Institute of Electrical and Electronics Engineers (IEEE).	International	2008 Onwards
3.	Knowledge Grid Member	National	2008 Onwards
4.	EUAsiaGrid Member	International	2008 Onwards
5.	Science & Engineering Research Support Society (SERSC)	Korea- International	2010 onwards
6.	International Association for Development of the Information Society (IADIS)	Italy - International	2011 Onwards
7.	DEGISCO Member	Hungry-International	2011 Onwards

7. Honors and awards

No.	Award/Recognition	Organization Awarded	Date
1.	Gold Medal at 2016 International Invention Innovation Competition in Canada (iCAN 2019)	Toronto International Society of Innovation & Advanced Skills (TISIAS)	2019
2.	Best of the Best Award	IRIS2018 UUM	2018
3.	Gold Medal MTE 2014	Malaysian Association of Research Scientists (MARS)	2014
3.	Gold Medal MiExpo 2013	University Putra Malaysia	2013
4.	Excellent Service	University Putra Malaysia	2011
5.	Best Paper KMICE 2010	UUM	2010

6.	Silver Medal PRPI'2010	Research Management Center (RMC), UPM	2010
7.	Bronze Medal PRPI'07	Research Management Center (RMC), UPM	2007
8.	Excellent Service	UPM	2009
9.	Bronze Medal PRPI'06	Research Management Center (RMC), UPM	2006
10.	Award Jasa Dikenang by Kolej Tun Fatimah, UPM 2006	Kolej Tun Perak, UPM	2006
11.	Excellent service.	Universiti Putra Malaysia	2005
12.	Excellent service.	Universiti Putra Malaysia	2003
13.	Award Seri Tun Seabantan 2003	Kolej Tun Perak, UPM	2003
14.	Excellent service.	Universiti Putra Malaysia	2002
15.	Award Khas Bagi Tahun 1996 Malam 1000 Tahun Kenangan	Universiti Teknologi Malaysia (UTM)	1997
16.	Dean's List	Universiti Teknologi Malaysia (UTM)	1996 - 1999

8. Research grants

a. Main researcher

1. Hybrid Particle Swarm Scheduling for QOS Workflow of Cloud Computing. Geran Putra RM50,000.00, 2018-2020
2. A Novel Clustering –based replica control Protocol for High Availability in Grid Environment, FRGS MOHE (08-01-12-1220FR), RM64,700, 2013-2015.
3. Data Replication in Grid Environment with 2D Mesh Protocol, MOHE (05-01-09-0598RU), RM26,000, 2009-2011.

a. Co-researcher

1. Analytically Visualization Picture Archive Communication System (PACs) through Medical Image Devices (A Cloud-based PAC System with Diagnostic Support Module), PRGS RM97,000.00, 2015-2017.

2. Intelligent Data-Mining-Based System Protection Scheme in Smart Grid, Geran Putra IPB (9412101), RM100,000. 2013-2014.
3. Development of High Throughput Sequence Analysis in a Web Based Portal using Oil Palm Defensome Data. Geran Putra IPB (9413601), RM163,840, 2013-2015.

9. Appointment hold in different Services

No.	Name of Program	Organiser	Role (Facilitator/ Speaker/Others)	Date
1.	Fellow College Tun Perak	KTP, UPM	Fellow	2002-2004
2.	Academic Advisor	UPM	Advisor	2008 Onwards
3.	Workshop 4th Starting School	UPM	Facilitator	11 July 2009
4.	Workshop 5 th Finishing School	UPM	Facilitator	25-26 July 2009
5.	Workshop "Starting School "	UPM	Facilitator	19 July 2009
6.	Programming Competition 2002	FSKTM, UPM	Committee Member	1 July 2002
7.	Camp Leadership for College Tun Perak 2002/03	KTP, UPM	Facilitator	2-6 April 2002
8.	Workshop of Increasing Academic performance College Tun Perak	KTP, UPM	Facilitator	4 May 2002
9.	Workshop 8th Finishing School	UPM	Facilitator	23-24 Oct 2010
10.	Microsoft Imagine Cup 2011	Microsoft	Mentor	15 March 2011
11.	Industry Attachment	Telekom R & D	Researcher	June - August 2014