

CURRICULUM VITAE

A. Biodata

Name:	Malathi A/P Letchumanan
Department:	Laboratory of Computational Mathematics and Ethnomathematics
Faculty:	Institute for Mathematical Research
University:	Universiti Putra Malaysia
Field of Specialization:	Technology in Mathematics Education (e-learning, mobile learning) Cyber education
Contact:	Office:+603 9769 6891 Fax: +603 8946 6973 E-mail: malathi@upm.edu.my

H-index

H-index (Scopus) :	6
H-index (Google) :	8
Citation (Scopus):	206
Citation (Google):	518

Google scholar profile link: https://scholar.google.com/citations?user=ZUxHnkIAAAAJ&hl=en

B. Education and Academic Qualification

Degree	Achievement	University Awarded	Year	Thesis Title
PhD (or equivalent)	-	USM	2017	Exploring and Understanding the Use of Mobile E-Book among Mathematics Postgraduate Students
Master	3.84	UM	2004	Business Process Reengineering in Malaysia
First Degree	3.31	UM	2002	Clinical System

C. Working Experience

- 1st December 2008 – Present
  Position: Research Officer
  Universiti Putra Malaysia, Malaysia

- 3th July 2008-30th November 2008
  Position: Lecturer
  University of Selangor, Malaysia

- 1st December 2005 – 30th June 2008
  Position: Lecturer
  MARA University of Technology,Malaysia

- 1st October 2004-10th October 2005
  Position: Lecturer
  Tunku Abdul Rahman University College, Malaysia

- Jan 2001 – May 2001
  Position: Industrial Trainee
  ICT Department, Matsushita, Malaysia
  (Developed Barcode System for the Manufacturing Department)

D. Courses Taught

Tunku Abdul Rahman College University, Malaysia

- Internet Programming
  Level: Advance Diploma and Undergraduate Lab Demonstration

- Object-Oriented System Analysis and Design
  Level: Advance Diploma and Undergraduate Lecture and Lab Demonstration

- Web Development
  Level: Diploma Lecture and Lab Demonstration

MARA University of Technology, Malaysia

- CSC 125 Fundamentals of Computer Problem Solving
  Level: Diploma Lecture and Lab Demonstration

- MGT 300 IT in Business

Level: Diploma Lecture and Lab Demonstration

- ITC 420 Algorithm Fundamentals
  Level: Bachelor Lecture and Lab Demonstration

- CSC 119 Fundamentals of Computer Science
  Level: Diploma Lecture and Lab Demonstration

University of Selangor, Malaysia

- ISS 2223 HTML Programming
  Level: Undergraduate Lecture and Lab Demonstration

- ISS 2123 Database System
  Level: Undergraduate Lecture and Lab Demonstration

- IBS 2113 Human Computer Interactive
  Level: Undergraduate Lecture and Lab Demonstration

- IID 1213 Object Oriented Programming
  Level: Diploma Lecture and Lab Demonstration

E. Student Supervision

- Co-Supervisor Level: PhD and Master (UPM)
  Field: Mathematics Education Status: Ongoing (3 students)

- Industrial Trainee Supervision in MARA University of Technology, Malaysia
  Level: Diploma in Computer Science
  10 students

- Panel for Industrial Training Students Presentation in MARA University of Technology, Malaysia
  Level: Diploma in Computer Science

- Academic Supervisor in MARA University of Technology, Malaysia
  Level: Diploma in Computer Science and Statistics

- Academic Supervisor in University of Selangor, Malaysia
  Level: Diploma and Undergraduate in Computer Science and Information Technology
  5 students

F. Research

No.	Title	Role (Main/ Co-researcher)	Sponsor/Grant and Amount (RM)	Period (year)	Status (Completed/ Ongoing)
1.	Utilization of e-book among mathematics students of higher learning institutions	Leader	RUGS RM 30,000	2008 -2011	Completed
2.	Understanding the Factors that Influence Integration of Technology to Promote Higher Order Thinking Skills in Mathematics Students	Leader	Putra Grant RM 50,000	2018-2021	Completed
3.	Testing the Efficacy of a Physical Multimedia Learning System of 3D Geometrical Shapes for Preschoolers in Malaysia	Co-researcher	USM Short-Term Grant RM 23,000	2018-2021	Completed
4.	Determine the Cyber Security Awareness Level of Higher Learning Institution Students	Leader	Institute for Mathematical Research (INSPEM) Internal Grant RM 7,000 Malaysian Society for Cryptology Research (MSCR) RM 1000 Total: RM8000	2020-2021	Completed
5	Investigating University Mathematics Students' Self-Regulated Learning Approach in Online Learning Environment	Leader	Putra Grant (Geran Muda) RM35,000	2022-2025	On-going

G. Publications

A. INDEXED JOURNALS

JCR

1. **Letchumanan, M.,** & Tarmizi, R. A. (2011). E-book utilization among mathematics students of Universiti Putra Malaysia (UPM). Library Hi Tech, 29 (1), 109-121. (Cited: JCR, Impact factor: 0.759)

2. **Letchumanan, M.,** & Tarmizi, R. (2011). Assessing the intention to use e-book among engineering undergraduates in Universiti Putra Malaysia, Malaysia. Library Hi Tech, 29 (3), 512-528. (Cited: JCR, Impact factor: 0.759)

SCOPUS

1. Abdulrahman, A. A., Husain, S. K. S., **Letchumanan, M.**, Yunos, F., & Osman, S. (2026). Enhancing online mathematics learning through self-regulated and peer-support strategies. *STEM Education*, *6*(3), 418-438.

2. Abdulrahman, A. A., Husain, S. K. S., **Letchumanan, M.**, Yunos, F. B., & Osman, S. (2026). The Impact of Self-Regulated Learning in Online Mathematics on Undergraduates Academic Achievement and Satisfaction. *International Journal of Learning in Higher Education*, *33*(3), 97.

3. **Letchumanan, M**., Said Husain, S. K., & Mohd Ayub, A. F. (2025). Effect of parental support on learning engagement in mathematics online learning environment: The mediating role of online self-regulated learning strategies. *Higher Learning Research Communications*, *15*(2), 6.

4. **Letchumanan, M**., Said Husain, S. K., & Mohd Ayub, A. F. (2025). Understanding the interplay of peer learning, self-regulation, and gender in shaping learning engagement in online mathematics classes. STEM Education, *5*(6), 1132-1152. doi: 10.3934/steme.2025048

5. Abdulrahman, A.A., Said Husain, S. K., **Letchumanan, M**., Yunos, F. (2025). Enhancing peer-learning and feedback learning through self-regulated learning in online mathematics for undergraduates' academic achievement and satisfaction, *International Journal of Science Mathematics and Technology Learning*, *32*(2), 213-237

6. **Letchumanan, M**., Said Husain, S. K., & Mohd Ayub, A. F. (2024). Self-regulated learning in mathematics online learning environment: a systematic review, *Journal of Educators Online, 21* (4)

7. **Letchumanan, M**. (2024). Understanding the use of mobile ebooks among mathematics postgraduates, *Higher Learning Research Communications*, *14*(1), 68-85

8. **Letchumanan, M.**, Husain, S.K.S., Ayub, A.F.M., Kamaruddin, R., Zulkifli, N.N. (2023). Determining the factors that promote higher order thinking skills in mathematics technology enhanced learning environment: perspective from university students. *Malaysian Journal of Mathematical Sciences*, 17 (1), 13-23.

9. **Letchumanan, M.**, Husain, S.K.S., Ayub, A.F.M. (2023). Determining the influence of cultural values on promotion of higher order thinking skills in technology enhanced learning environment. *Malaysian Journal of Mathematical Sciences*, 17 (2), 87-103.

10. **Letchumanan, M.**, Husain, S.K.S., Ayub, A.F.M., Kamaruddin, R., Zulkifli, N.N. (2023). Migrating to technology integrated classes to promote higher order thinking skills among university students: perspectives from mathematics academicians. *Malaysian Journal of Mathematical Sciences*, 16 (4), 749-769.

11. **Letchumanan, M.**, Husain, S.K.S., Ayub, A.F.M., ...Radzi, F.I.M., Heng, I.C.(2020). Investigating factors that promote higher-order thinking skills in information and Communication Technology (ICT) integrated classes. *Universal Journal of Educational Research*, 2020, 8(11B), 5816–5823.

12. **Letchumanan, M.,** Mohamad, M., Davrajoo, E. (2019). Understanding the reasons that hinder mobile e-book use of university mathematics students. *Malaysian Journal of Mathematical Sciences.* 13(2), pp. 265–281.

13. **Letchumanan, M.,** & Mohammad, M. (2019). Understanding the factors that inhibit mobile ebook use of university mathematics students, Malaysian Journal of Mathematical Sciences, 13(2), 265 - 281

14. Davrajoo, E., & **Letchumanan, M**. (2019). School Improvement Specialist Coach Plus (SISC+) programme: Impact on teachers' pedagogical skills and students performance in mathematics classroom, *ASM Science Journal, 12* (Special Issue 1), 137-149

15. **Letchumanan, M**., & Muniandy, B. (2016). How mathematics postgraduate students use mobile e-book?. *Library Hi Tech News*, *33* (7), 6-7.

16. **Letchumanan, M**., & Muniandy, B. (2016) Exploring the influence of utilitarian, cognitive and affective factors on the use of e-books via handheld mobile devices: a review. *Malaysian Journal of Mathematical Sciences*, *10* (6), 249-266.

17. **Letchumanan, M**., & Muniandy, B. (2013). Migrating to e-book: a study on perceived usefulness and ease of use. *Library Hi Tech News*, *30* (7), 10-16.

B. BOOKS

1. Mohd Ayub, A.F., Noor Ibrahim, N. & **Letchumanan, M**. (2023). *Enhancing Higher-Order Thinking Skills Using the Cognitive Apprenticeship Model (CAM).* Penerbit Universiti Pendidikan Sultan Idris (UPSI) Pp 68.

2. Mohd Ayub, A.F., Abu Bakar, N. & **Letchumanan, M**. (2023). *Keterlibatan pelajar dalam Pembelajaran dan Pencapaian Matematik* . UPM Press, Pp.87.

3. **Letchumanan, M.**., Balakrishnan, M., Bakri, M.A., Nurzatulshima, K. (2021). Use of Mobile E-book for Learning Activities, Penerbit UPSI. Pp. 88

C. CHAPTER IN BOOK

1. Letchumanan, M. (2025). Understanding the effects of mobile e-book use among mathematics postgraduate students. ***Digital tools and platforms for effective and personalized learning***, 231-260.

2. **Letchumanan, M.,** & Kamaruddin, R. (2024). Strategies to combat cyberattacks. ***Risk Assessment and Counter measures for Cybersecurity***, 39-61.

3. Letchumanan, M. (2024). Understanding cryptography primitive algorithms awareness level among university students in Malaysia. **Studies in Systems Decision and Control**, 269-279.

4. **Letchumanan, M.** & Muhamad Rezal, K.M. (2020). Status of cyber security awareness level in Malaysia. ***Innovations in Cybersecurity Education***, Pp. 343–359

5. **Letchumanan, M.,** Balakrishnan, M. & Mohammad, M. (2019). What the mathematics postgraduate students do on the mobile e-book: A qualitative inquiry.

6. **Letchumanan, M.** & Balakrishnan, M (2015). Penggunaan buku elektronik: satu kajian rintis secara kualitatif. 65-82

D. PROCEEDINGS (SCOPUS INDEXED)

1. Zulkifli, N.N., **Letchumanan, M.,** Kamarudin, S., Abd Halim, N.D. & Hashim, S. (2022). A Review: The Effectiveness of Using TikTok in Teaching and Learning, Proceedings of 30th International Conference on Computers in Education Conference, ICCE 2022, 287-292.

2. **Letchumanan, M**., & Tarmizi, R. A. (2010). Utilization of e-book among university mathematics students. *Procedia-Social and Behavioral Sciences*, *8*, 580-587.

3. Kien Tsong Chau, Wan Ahmad Jaafar Wan Yahaya, **Letchumanan, M** & Por Fei Ping (2019). Extending Physical Multimedia Learning with Cognitive Theory of Multimedia Learning, *Proceeding of IEEE 4th International Conference on Signal and Image Processing*, 777-781.

4. Kien Tsong Chau, Wan Ahmad Jaafar WanYahaya, Yen Nee Chong and **Malathi Letchumanan**. Preliminary Investigation of Physicality in Digital Multimedia Landscape: Researching Technologies for Implementing Physical Multimedia, *Proceeding of 2020 5th International Conference on Multimedia and Image Processing*

5. **Malathi Letchumanan**, Sharifah Kartini Said Husain, Kien Tsong Chau and Ahmad Fauzi Mohd Ayub. Investigating the Use of ICT Tools by Academicians to Promote Higher Order Thinking Skills among University Students, *AIP Conference Proceeding* (Accepted for Publication)

E. PROCEEDINGS (NON-SCOPUS)

1. **Letchumanan, M.** & Rohani A.T. (2010). E-book Utilization Among Engineering Students of Higher Learning: A Preliminary Study, In: Marizan, S. Zulkifilie, I., Hyreil Anuar, K., Kyairul, A and et al.(eds). *ICEI 2010: Proceedings of International Conference on Engineering and ICT 2010, 18-20 Feb 2010, Malacca, Malaysia*. Universiti Teknikal Malaysia Melaka. pp.479 – 482.

2. **Letchumanan, M.** (2009). E-book Utilization among Mathematics Students of Higher Learning: A Preliminary Study, In: Posiah,M.I., MohdNor, M.,Azlan,A.A., Mohd Nor Hajar,H.J., Mohd Ali, M.I. & Siti Rahayu, A.A. (Eds.) *ICEL 2009: Proceedings of International Conference on E-learning 2009, 1-2 December, Shah Alam City, Malaysia.* University Teknologi Mara Malaysia. Pp.1-10.

3. **Letchumanan, M.** & Wan Norliza W.B. (2008). Promoting Mathematical Thinking among Higher Learning Institutions: The Case of Computer Science

Students of UiTM Kelantan, In: Adem,K., Che Mohd Imran, C.T., Ismail, M., Abd Fatah, W., Mohd Lazim, A., Muhammad Safiih,L., Zabidin, S.,Nor Azlida, A. & Sabri, A. (Eds.) *Proceedings of National Mathematical Science Symposium 2008, 3-5 June 2008 Kelantan.* Malaysia. Universiti Malaysia Terengganu. Pp 390-397.

4. Wan Norliza W.B., & **Letchumanan, M. (**2007). Assessing Mathematical Thinking and Its Correlation with Programming among Part Two (Semester January-April 2007) Computer Science Students of UiTM Kelantan. National Academic Conference 2007, 3-4 December 2007 Kelantan, Malaysia. Pp 1 - 31.

F. POPULAR WRITING

1. **Letchumanan, M.** (2025). Metasemesta dan tranformasi pembelajaran matematik. *Dewan Kosmik*. Dewan Bahasa dan Pustaka, Pp. 48-49

2. **Letchumanan, M.** (2024). Potensi dan cabaran penggunaan ChatGPT dalam pembelajaran matematik. *Dewan Kosmik* .Dewan Bahasa dan Pustaka, Pp. 18-19

3. **Letchumanan, M.** (2023). ancaman buli siber yang membimbangkan . *Dewan Kosmik*, Dewan Bahasa dan Pustaka, Pp. 32-33.

4. **Letchumanan, M.** (2022). Kriptografi primitif menjamin keselamatan data. *Dewan Kosmik*, Dewan Bahasa dan Pustaka, Pp.46-47.

5. **Letchumanan, M.** (2022). Etika penggunaa sistem maklumat. *Dewan Kosmik*, Dewan Bahasa dan Pustaka, Pp.30-31.

6. **Letchumanan, M.** (2022). Teknologi pemangkin kemahiran berfikir aras tinggi. *Dewan Kosmik*, Dewan Bahasa dan Pustaka, Malaysia. Pp. 12-13.

7. **Letchumanan, M.** (2021). Jenayah siber di kalangan pelajar sekolah. *Dewan Kosmik*, Dewan Bahasa dan Pustaka, Malaysia. Pp. 50-51.

8. **Letchumanan, M. &** Muhammad Rezal, K.A. (2020). Ancaman jenayah siber. *Dewan Kosmik*, Dewan Bahasa dan Pustaka, Pp. 26-29.

9. Muhammad Rezal, K.A.**, & Letchumanan, M.** (2020). Modus operandi tipuan. *Dewan Kosmik*, Dewan Bahasa dan Pustaka, Pp. 42-44.

10. **Letchumanan, M.** (2009). Problem based learning in mathematics. *MathDigest*, Universiti Putra Malaysia. Pp 21- 25.

11. **Letchumanan, M.** (2009). Perkomputeran hijau (green computing). *Dewan Kosmik*, Dewan Bahasa dan Pustaka, Pp 50-51.

H. Recognition

A. TEACHING & LEARNING INNOVATION/RESEARCH AWARDS

No.	Award/Recognition	Organization Awarded	Date
1.	Gold Medal	I_PICTL UPM 2025	2025
2.	Bronze Medal	K-Inovasi UKM 2025	2025
3.	Bronze Medal	K-Inovasi UKM 2023	2023
4.	Bronze Medal	Pereka UMS, 2022	2022
5.	Bronze Medal	IUCEL 2022 (IIDEL 2022)	2022
6.	Bronze Medal	K-Inovasi UKM 2021	2021
7.	Bronze Medal	IUCEL 2021 (IIDEL 2021)	2021
8.	Silver Medal	K-Inovasi UKM 2020	2020
9.	Silver Medal	K-Inovasi UKM 2019	2019
10.	Bronze Medal	SIRIM Invention, Innovation & Technology Expo 2019	2019
11.	Bronze Medal	Invention, Innovation & Design on E-learning (IIDEL)	2018
12.	Bronze Medal	Invention, Research and Innovation Exhibition	2016
13.	Research Innovation Award 2017, INSPEM, UPM	Institute for Mathematical Research	2017

B. PUBLICATION AWARDS

No.	Award/Recognition	Organization Awarded	Date
1.	Hadiah Sanjungan bagi Kategori Rencana Popular	Persatuan Sains Matematik Malaysia	2023

C. SERVICE AWARDS

No.	Award/Recognition	Organization Awarded	Date
1.	Excellent Service Award 2024	Institutte for Mathematical Research, UPM	2024
2.	Excellent Service Award 2023	Institutte for Mathematical Research, UPM	2023
3.	Excellent Service Award 2020	Universiti Putra Malaysia	2020
4.	Excellent Service Award 2018	Universiti Putra Malaysia	2018
5.	Excellent Service Award 2015	Universiti Putra Malaysia	2015
6.	Excellent Service Award 2009	Universiti Putra Malaysia	2009

I. Research Consultation

Have provided private consultation to students in the following areas:

- Thesis writing
- Article writing
- Thematic analysis

J. Professional Affiliation

1. Member of British Educational Research Association (BERA), 2015 – 2016 (member no: 11685)
   Ordinary Member

2. Malaysian University Research Officer Society (MROS), 2022 – Present **(**member no: MROS20230421)
   Ordinary Member

3. Persatuan Pegawai Penyelidik UPM 2009-present
   Ordinary Member

K. Commitments

INTERNATIONAL

No.	Position	Activity	Duration	Venue
1	Programme Chair	9th International Conference on Research and Education in Mathematics (ICREM9)	Feb – Aug 2021	Institute for Mathematical Research, UPM
2.	Publicity Committee Member	Workshop on Thesis Writing Using Latex	Apr- Aug 2020	Institute for Mathematical Research, UPM
3.	Publicity Committee Member	Workshop on Data Analystics with R: Applied Atatitics	May - Sep 2020	Institute for Mathematical Research, UPM
4.	Committee Member / Facilitator	Protocol and Registration Committee Member for International Conference on Recent Advances in Applied Mathematics (ICRAAM2020)	4-6 February 2020	Kuala Lumpur Malaysia

5.	Committee Member / Facilitator	Publicity and Technical Committee Member for 2019 The International Association for Statistical Education (IASE) Satellite Conference	13-16 August 2019	Kuala Lumpur Malaysia
6.	Committee Member / Facilitator	Programme Committee Member for International Conference on Advanced Technologies Enhancing Education (ICAT2E2017)	18-20 March 2017	Qingdao, China
7.	Committee Member / Facilitator	Abstract and Programme Book Committee Member for International Quantitative Research and Application Conference 2018 (IQRAC2018)	5-8 July 2018	Sarawak, Malaysia
8.	Committee Member / Facilitator	Chairperson of Pre-conference Workshop for International Quantitative Research and Application Conference 2018 (IQRAC2018)	5-8 July 2018	Sarawak, Malaysia
9.	Committee Member / Facilitator	Chairperson for Seminar Etnomatematik & Pendidikan Matematik 2018, UPM	4-5 July 2018	UPM, Malaysia
10.	Committee Member / Facilitator	Publicity, Abstract and Programme Book Committee Member for International Conference and Workshop on Mathematical Analysis 2016 (ICWOMA 2016)	2 – 4 August 2016	Langkawi, Malaysia
11.	Committee Member / Facilitator	Publisity Committee Member for Expository Quantum Lecture Series 8 (EQuaLS 8)	18 – 22 January 2016	UPM, Malaysia
12.	Committee Member / Facilitator	Assistant Secretary for SEAMS SCHOOL 2015: Algebras and Their Applications (SEAMS SCHOOL 2015)	31 October – 10 November 2015	UPM, Malaysia

13.	Committee Member / Facilitator	Protocol and Registration Committee Member for Conference on Agricultural Statistics 2015 (CAS 2015)	6 – 8 October 2015	Sarawak, Malaysia
14.	Committee Member / Facilitator	Website and Publicity Committee Member for 7thbagi International Conference on Research and Education in Mathematics (ICREM7)	25 – 27 August 2014	Kuala Lumpur, Malaysia
15.	Committee Member / Facilitator	Programme and Abstract Book Committee Member for International Conference and Workshop on Mathematical Analysis 2014 (ICWOMA 2014)	27 – 30 May 2014	Putrajaya , Malaysia
16.	Committee Member / Facilitator	Proceedings Committee Member for Statistics and Operational Research International Conference 2013 (SORIC 2013)	3 – 5 December 2013	Sarawak, Malaysia
17.	Committee Member / Facilitator	Programme and Abstract Book Committee Member for International Conference on Mathematical and Computational Biology 2011 (ICMCB 2011)	12 – 14 April 2011	Melaka, Malaysia
18.	Committee Member / Facilitator	Secretary for International Conference on Mathematics Education Research (ICMER 2010), Universiti Putra Malaysia	13–14 December 2010	Melaka, Malaysia

NATIONAL

No.	Position	Activity	Duration	Venue
1	Committee Member / Facilitator	Publicity and Web site Committee Member for Seminar Etnomatematik dan Pendidikan Matematik 2018	4-5 July 2018	UPM, Malaysia

2.	Committee Member / Facilitator	Secretary for Bengkel Transformasi Minda Guru Matematik Sek. Rend. Daerah Hulu Langat ke Arah Menujah Pantas Keputusan TIMSS 2019 Siri 3	21 November 2017	UPM, Malaysia
3.	Committee Member / Facilitator	Master of Ceremony for Bengkel Transformasi Minda Guru Matematik Sek. Rend. Daerah Hulu Langat ke Arah Menujah Pantas Keputusan TIMSS 2019 Siri 3	21 November 2017	UPM, Malaysia
4.	Committee Member / Facilitator	Publicity Committee Member for National Seminar on R useRs	8 October 2016	UPM, Malaysia
5.	Committee Member / Facilitator	Publicity Committee Member for Bengkel Persediaan Malaysia Computing Challenge (MCC)	February – October 2016	UPM, Malaysia
6.	Committee Member / Facilitator	Secretary for Bengkel Transformasi Minda Guru Matematik Sek. Rend. Daerah Hulu Langat ke Arah Menujah Pantas Keputusan TIMSS 2019	22 – 23 March 2016	UPM, Malaysia
7.	Committee Member / Facilitator	Publicity Committee Member for Seminar and Workshop on Numerial Analysis (SAWONA 2016)	26 – 27 April 2016	UPM, Malaysia
8.	Committee Member / Facilitator	Programme and Speech Committee Member for Opening Ceremony of Malaysia-Italy Centre of Excellence for Mathematical Sciences (MICEMS) Event	10 March 2016	UPM, Malaysia
9.	Committee Member / Facilitator	Master of Ceremony for Opening Ceremony of Malaysia- Italy Centre of Excellence for Mathematical Sciences (MICEMS) Event	10 March 2016	UPM, Malaysia
10.	Committee Member / Facilitator	Programme Book Committee Member for Program Memperkasa Profesionalisma Guru Matematik Wilayah Bangsar, Kuala Lumpur	18 February 2016	UPM, Malaysia

11.	Committee Member / Facilitator	Master of Ceremony for Program Memperkasa Profesionalisma Guru Matematik Wilayah Bangsar, Kuala Lumpur	18 February 2016	UPM, Malaysia
12.	Committee Member / Facilitator	Secretary for Bengkel Pemantapan Pengetahuan, Pedagogi dan Kaedah Pantaksiran Dengan Menggunakan Kemahiran Berfikir Aras Tinggi (KBAT) Guru Matematik- Siri Kedua	17 - 18 September 2015	UPM, Malaysia
13.	Committee Member / Facilitator	Registration Committee Member for Bengkel Pemantapan Pengetahiuan, Pedagogi dan Kaedah Pantaksiran Dengan Menggunakan Kemahiran Berfikir Aras Tinggi (KBAT) Guru Matematik- Siri Kedua	17 – 18 September 2015	UPM, Malaysia
14.	Committee Member / Facilitator	Secretary for Bengkel Pemantapan Pengetahiuan, Pedagogi dan Kaedah Pantaksiran Dengan Menggunakan Kemahiran Berfikir Aras Tinggi (KBAT) Guru Matematik	11 – 12 dan 18 – 19 August 2015	Balakong, Malaysia
15.	Committee Member / Facilitator	Secretary for Seminar Kebangsaan Pemantapan dan Penghayatan Matematik 2015	8 - 9 June 2015	UPM, Malaysia
16.	Committee Member / Facilitator	Secretary for Bengkel Pemantapan Pengetahiuan, Pedagogi dan Kaedah Pantaksiran Dengan Menggunakan Kemahiran Berfikir Aras Tinggi (KBAT) Guru Matematik	6 – 7 April 2015	UPM, Malaysia
17.	Committee Member / Facilitator	Protocol and Registration Committee Member Workshop on Modern Methods of Mathematical Physics 2015 (WM3P 2015)	4 March 2015	UPM, Malaysia.

18.	Committee Member / Facilitator	Registration and Protocol Committee Member for Seminar and Workshop on Numerial Analysis (SAWONA 2016)	29-30 April 2014	UPM, Malaysia
19.	Committee Member / Facilitator	Proceeding Committee Member for Seminar Pemikiran dan Pendidikan Matematik 2013	26 – 28 June 2013	UPM, Malaysia
20.	Committee Member / Facilitator	Food and Accommodation Committee Member for Malaysian Cryptology and Information Security Lecture Series 2013	4 – 5 July 2013	UPM, Malaysia

UNIVERSITY

No.	Title	Faculty/Institute/Department	Year
1.	Panel Penilai Laman Web PTJ Universiti	Universiti Putra Malaysia	2018 - Present

FACULTY/INSTITUTE

No.	Title	Faculty/Institute/Department	Year
1.	Chairperson for the Converting Thesis to Book Initiative	Institute for Mathematical Research	2020-Present
2.	Chairperson for the Cyber Education Initiative	Institute for Mathematical Research	2020-Present
3.	Programme Book and Speech Committee Member for Hari Inovasi INSPEM 2018, 18 July 2018, UPM, Malaysia	Institute for Mathematical Research	2018
4.	Abstract & Programme Book Committee Member for Lawatan & Seminar Sehari UMT – INSPEM 2018, 27 April 2018, UPM Malaysia	Institute for Mathematical Research	2018
5.	Gift, Publicity, Certificate and Token of Appreciation Committee Member for Hari Inovasi INSPEM 2015, 20 Ogos 2015, UPM, Malaysia	Institute for Mathematical Research	2015
6.	Committee Member of INSPEM's Industrial Solutions Provider (IISP), 9 – 12 September 2014, UPM, Malaysia	Institute for Mathematical Research	2014

7.	Exhibition Committee Member for Seminar Sehari Sempena Ulang Tahun INSPEM Ke-8, Universiti Putra Malaysia, 27 April 2010	Institute for Mathematical Research	2010

L. Student Activities

No.	Name of Program	Organizer	Role (Facilitator/Speaker/Others)	Date
1.	Pertandingan Olimpiad Matematik Universiti Malaysia 2022	Institute for Mathematical Research	Committee Member	24 September – 17 December 2022
2.	Bengkel Atas Talian Kesedaran Matematik dan Cakna Keselamat Siber	Institute for Mathematical Research	Chairperson	24-25 Julai 2021
3.	Program Peduli Pendidikan Sekolah Model Khas Komprehensif 9 (K9) (E-Care K9)	Institute for Mathematical Research	Chairperson	6 August 2019
4.	Kem Matematik INSPEM 2015	Institute for Mathematical Research	Committee Member / Facilitator	31 July – 2 August 2015

M. Reviewer (JCR/ Scopus Indexed Journal)

Ms. No. SIGMISDB-D-12-00009R1
Consumers' Intentions to Use E-Readers: An Extension of the Technology Acceptance Model, *The DATA BASE for Advances in Information Systems* – 1 Manuscript received

Special Issue in ASM Science Journal
Reviewed 5 Manuscripts for International Quantitative Research and Applications Conference 2018 (IQRAC2018)

Special Issue in ASM Science Journal
Reviewed 4 Manuscripts for 2018 International Conference on Creativity, Innovation, and Invention in Digital Technology (CIIDT2018)

Reviewed 2 Manuscripts for International Malaysian Educational Technology Convention (IMETC2019)

Reviewed 1 Manuscript for 2020 the 4th International Conference on Cryptography, Security and Privacy (ICCSP 2020)

Reviewed 1 Chapter-in-Book for the book entitled Innovation in Cybersecurity Education under Springer Publication

Reviewed 1 Manuscript for Science Publishing Group

Reviewed 1 Manuscript for Heliyon