



PERSONAL DETAILS

Name : Ana Haziqah Binti A Rashid
Gender : Female
Date Of Birth : 29 October 1989
Nationality : Malaysian
Marital Status : Single
Permanent Address : Lot Ptd 160 A Kampung Seluyut, 81920 Kota Tinggi, Johor

Correspondence : Department of Human Resource Development,
School of Human Resource Development and Psychology,
Faculty of Social Sciences and Humanities,
Universiti Teknologi Malaysia,
81310 Skudai, Johor

Tel : (Mobile) : 014-2735843

E-mail : anahaziqah@utm.my / anahaziqaharashid@gmail.com

Website : <https://people.utm.my/anahaziqah/>

ID Staff 15227

Expertise : Reasoning Skill, Collaborative Learning, Scaffolding, Online Learning, Sequential Analysis, Online Learning Discourse Analysis, Educational Technology, Instructional Design, ICT Education, Teaching and Learning.

Research Interest :

Reasoning Skill, Collaborative Learning, Scaffolding, Online Learning, Sequential Analysis in Online Learning, Online Learning Discourse Analysis, Educational Technology, Instructional Design, ICT Education, Training and Development, Online training, Communication skills

ACADEMIC QUALIFICATIONS

- Year 2018 : ***Doctor of Philosophy (Education Technology)***
Universiti Teknologi Malaysia (UTM)
- Year 2014 : ***Master of Education (Education Technology)***
Universiti Teknologi Malaysia (UTM)
- Year 2012 : ***Bachelor of Computer Science (Bioinformatic)***
Universiti Teknologi Malaysia (UTM)

WORKING EXPERIENCE

- Sept 2019 – Present:** ***Senior Lecturer***
School of Human Resource
Development and Psychology,
Faculty of Social Sciences and
Humanities, Universiti Teknologi
Malaysia, Skudai, Johor
- Dec 2018 – August 2019:** ***Research Officer***
Universiti Teknologi Malaysia, Skudai, Johor
- Nov 2017 – Oct 2018:** ***Researcher***
Universiti Teknologi Malaysia, Skudai, Johor
- Feb 2017 – Sept 2017:** ***Researcher***
Universiti Teknologi Malaysia, Skudai, Johor
- Apr 2013 – Dec 2013:** ***Researcher***
Universiti Teknologi Malaysia, Skudai, Johor

AWARD AND HONORS RECEIVED

1. 2019 – **4-Star Rating UTM Fundamental Grant Project** - Mengkaji Keberkesanan Pendidikan Saudara Kita Secara Atas Talian Melalui Edu-Muallaf
2. 2019 – **3-Star Rating Networking Grant Project** - Penerapan Kemahiran Berfikir Secara Kritis dan Kreatif dalam kalangan Murid Sekolah Rendah melalui Pengkhususan Program: Program Be SMART and CREATIVE
3. 2019 - **Silver Medal Award** for goReason: Online Collaborative Learning System for Reasoning Skills at Malaysia Technology Expo (MTE 2019)
4. 2019 – **Silver Medal Award** for MySL: Learning Science at New Academia Learning Innovation (NALI 2019)

5. 2019 - **Silver Medal Award** for Project Land for All: Awareness and Solution for Land Tax Payment Issues for Indigenous People at UTM Grand Challenge 2019
6. 2019 - **Winner** for INNOGOGY at AKRI 2019
7. 2018 - **Gold Medal Award** for goReason: A Collaborative Learning System for Reasoning Skills at New Academia Learning Innovation (NALI 2018)
8. 2017 - **Diamond Award** for goReason: An Online Collaborative Learning System at International Invention, Innovation & Design (IIID) Johor 2017
9. 2017 - **Gold Medal Award** for Improving Students' Reasoning Skill Using goReason Collaborative Learning System at e-Learning Carnival 2017 (eLC 2017)
10. 2017 - **Bronze Medal Award** for Enhancing Students' Critical Thinking Through Facebook Via Online Reciprocal at 4th International Innovative Practices in Higher Education Expo (I-PHEX 2017)
11. 2016 - **Gold Medal Award** for goReason: An Online Collaborative Learning System at Invention, Innovation & Design Exposition (IIDEX) 2016
12. 2016 - **Silver Medal Award** for goReason: An Online Collaborative Learning System at International University Carnival on e-Learning (IUCEL) 2016
13. 2016 - **Bronze Medal Award** for "Blog pembelajaran mahraj berdasarkan penggunaan multimedia dalam persekitaran pembelajaran konstruktivis masteri berbantuan agen pedagogi beranimasi" at Innovative Practices in Education and Industry Exhibition (I-PEINX 2016)
14. 2012 - **Dean List Awards** from Faculty of Computer Sciences and Information System (2012)

PROFESSIONAL MEMBERSHIP

1. **Individual Membership, The National Tech Association of Malaysia, PIKOM, 2020**

INVITED/GUEST SPEAKER

1. **Panel Speaker**, Title: OMG!! Online Learning, Online Work life (OWL), FSSH Talk Series, 2020
2. **Speaker**, Title: PowerPoint Recording for Learning and Teaching (LnT). Training for FSSH Repository, FSSH 2020
3. **Speaker**, Title: Blended Learning. Online Learning Clinic FSSH 2020

4. **Speaker**, Title: Online Assessment (Quiziz, Kahoot and Socrative), Online Learning Clinic UTM 2020
5. **Speaker**, Title: Online Assessment (Quiziz, Kahoot, Socrative, UTM e-learning Quiz), Online Learning Clinic UTM 2020
6. **Speaker**, Title: Quiz, Online Learning Clinic UTM 2020
7. **Speaker**, Title: How to use BBB in your Teaching and Learning, Online Learning Clinic SHARPS 2020
8. **Speaker**, Title: Sharing Session for Research Attachment in Thailand, Colloquium for Educational Technology Semester 2018/2019/1
9. **Speaker**, Title: Research Sampling and Population, "Kolokium Pascasiswazah Panel Teknologi Pendidikan" Semester 2017/2018/1
10. **Trainer**, Kursus rekabentuk grafik & desktop Publishing, iDEC UPM, 2011

OTHERS EXPERIENCE

NATIONAL COMMITTEE

2020

1. **Director**, Bengkel Structural Equation Modeling Menggunakan Perisian Smartpls Versi 3.0, 2020
2. **Committee Member** for Blended Learning FSSH 2020
3. **Committee Member** for Kecemerlangan dan Pembangunan Pelajar FSSH 2020
4. **Committee Member** for Semakan Web AKA Anugerah Kualiti Akademik (AKA 2019) Bagi Tahun 2020

2019

1. **Committee Member** in New Academia Learning Innovation (NALI 2019)
2. **Committee Member** in Seminar Projek Sarjana Muda (PSM)
3. **Committee Member** in "Bengkel Mendorong Sikap Dan Tingkah Laku Positif Kanak-Kanak"

2018

1. **Committee Member** in Problem Based Learning for Low Carbon Society 2018
2. **Committee Member** in Seminar Iskandar Malaysia Towards Low Carbon Society 2018
3. **Committee Member** in New Academia Learning Innovation 2018

2017

1. **Committee** in Video STEM Competition 2017 by STEMAZING Project

2012

1. **Vice Director**, Praktikal Fotografi Pulau Pinang 2012
2. **Photographer**, Kelab Fotokreatif UTM (2009 -2012)

2011

1. **Director**, Kelas Bimbingan 1 & 2, Kelab Fotokreatif UTM (Able to manage around 50 people in a team)
2. **Vice Director**, Unit Pengambilan Gambar Graduan Majlis Konvokesyen UTM ke-47 (Generating income for Kelab Fotokreatif around RM200,000.00)

2010

1. **General Secretary of executive board**, Kelab Fotokreatif UTM 2010.
2. **Committee Member**, Unit Dewan Majlis Konvokesyen UTM KE-45 2010.
3. **Photographer**, Majlis Konvokesyen UTM 2010

2009

1. **Secretary**, Unit Pengambilan Gambar Graduan Majlis Konvokesyen UTM ke-43 (Generating income for Kelab Fotokreatif around RM200,000.00)
2. **Committee Member**, Unit Studio Majlis Konvokesyen ke-43 UTM 2009
3. **Secretary**, Majlis Ramah Mesra 2009 Kelab Fotokreatif UTM
4. **Photographer**, Majlis Konvokesyen UTM 2009.
5. **Treasurer**, Jawatankuasa Fotografi Majlis Pentauliahan PALAPES Kali Ke-28. (Generating income for Kelab Fotokreatif around RM30,000.00)
6. **Photographer**, Minggu Haluan Siswa 2009/2010
7. **Committee Member**, Kem Fotografi dan Kepimpinan ke Taman Negara Endau-Rompin (SELAI)
8. **Committee Member**, Majlis Konvokesyen UTM Ke-42
9. **Committee Member**, Majlis Makan Malam Tahunan ' Cowboy Night' Kelab Fotokreatif 2008/2009

2007-2008

1. **Committee Member**, Majlis Penyampaian Ijazah/Diploma Program Kerjasama UTM 2008
2. **Committee Member**, Majlis Konvokesyen UTM Ke-41
3. **Committee** of Kelab Eksekutif Pusat Sumber
4. **Committee** Pembimbing Rakan Dinamik

2005-2006

1. **Vice Treasurer**, Librarian.
2. **Lans Koperal**, Red Cross Society.
3. **Committee**, BAHTERA Society

INTERNATIONAL APPOINTMENT/COMMITTEE

2020

1. **Committee Member** in International Seminar with the theme "Future Technology Interaction of human behavior, culture and technology to

create Society 5.0”

2019

1. **Committee Member** in International Conference on Social Sciences, Management and Accounting (ICSSMA 2019)
2. **Committee Member** in “Program Lawatan Akademik Mahasiswa Sekolah Tinggi Ilmu Ekonomi Pembangunan Tanjung Pinang”

2018

1. **Committee Member** in 1st International Conference on Creative and Innovative Technology in Education (i-CITE 2018)
2. **Facilitator** in International Research Colloquium in Educational Technology 2018 between UTM, Malaysia and RMUTT, Thailand

2017

1. **Attachment Program** at King Mongkut’s Institute Technology of Ladkrabang, Thailand

2014

1. **Committee Member** in 1st International Education Postgraduate Seminar (IEPS2014)
2. **Editor** of Proceeding for 1st International Education Postgraduate Seminar (IEPS2014)

TASK FORCE

2020

1. **Special Task Force** for Online Learning during COVID-19
2. **Task Force**, SHARPS Talk Series, SHARPS, FSSH 2020

2019

1. Garis Panduan Pelaksanaan 100% Pembelajaran Atas Talian UTM
2. Promotion Sarjana Pembangunan Sumber Manusia

COORDINATOR

2020

1. First Year Experience (FYE) Program, SHARPS UTM

2019

1. First Year Experience (FYE) Program, SHARPS UTM

INVOLVEMENT AND ACHIEVEMENTS

2020

1. **Facilitator** at Blended learning courses FSSH, UTM 2020

2018

1. **Facilitator** at “Kursus Metodologi Tenaga Pengajar Saudara Kita peringkat

- Negeri Johor” (Giving workshop regarding usage of MOOC to 30 participant)
2. **Consolation Prize** in Research Canvas Competition at WOW Carnival@UTM Library 2018
 3. **Participant** in INATEX 2018
 4. **Module Leader** for the National Science Challenge 2018
 5. **Facilitator** at Kembara STEM UTM-JPNJ 2018
 6. **Exhibitor** at Corporate showcase in conjunction with launching event for Digital Johor 4.0
 7. **Exhibitor** for UTM MOOC at RCE Iskandar Sustainable & Low Carbon Schools Exhibition 2018
 8. **Exhibitor** for STEMAZING Project at STEM Day 2018
 9. **Facilitator** for exhibitor at STEAM Carnival, Dewan Serbaguna MBBJ, Permas Jaya 2018
 10. **Exhibitor** at Mini STEM Carnival, Perpustakaan Sultan Ismail 2018
 11. **Exhibitor** at Carnival and STEM Exhibition 2018, SMK Sultan Ismail Johor Bahru
 12. **Exhibitor** at Mini STEM Carnival, SK Khir Johari
 13. **5KM Finisher** at Fuse Color Run 2018 by UTM
 14. **Participant** in UTM Video Promotion Filming Session
 15. **Facilitator** for exhibitor at STEM Carnival, SMK Gelang Patah

2017

1. **Facilitator** for “Bengkel Penyediaan Laporan Kajian Penggunaan Video STEM KPM 2017”
2. **Participant**, “Kolokium Pascasiswazah Panel Teknologi Pendidikan” Semester 2017/2018/1
3. **Volunteer** in “Eksplorasi STEM UTM-JPNJ Peringkat Negeri Johor 2017”
4. **Volunteer** in “Karnival Suka Belajar 2017” at Dewanraya Kg. Melayu Majidee, Johor Bahru
5. **Participant** in 1st Graduate Research Exhibition Competition (GREx COM 2017)
6. **Exhibitor** at STEM Carnival SMKSI with JKD Biology and UTM 2017
7. **Participant** in Mobile App Workshop

2016

1. **Participant** in International TechnoBiz & IDEAS Innovation Challenge (I-TIIC2016)
2. **5KM Finisher** at Rock and Run 2016 by UTM

2015

1. **Participant**, “Kolokium Panel Multimedia Kreatif” Jabatan Pendidikan Sains Matematik dan Multimedia Kreatif, Fakulti Pendidikan, UTM Semester 1 2014/2015

2014

1. **Participant** in Spirit of Togetherness Camp by Department of Educational

Sciences, Mathematics and Creative Multimedia, Faculty of Education UTM

2. **Participant**, "Kolokium Panel Multimedia Kreatif" Jabatan Pendidikan Sains Matematik dan Multimedia Kreatif, Fakulti Pendidikan, UTM Semester 2 2013/2014

2011

1. **Participant**, Pertandingan Fotografi Kelab Fotokreatif 2010

2010

1. **Facilitator**, Kelas Bimbingan 1&2 Kelab Fotokreatif UTM 2010
2. **Participant**, Melaka Photography Practical 2010
3. **Participant**, Kelas Intensif Minggu Ini (KIMI) by Kelab Fotokreatif UTM

REVIEWER

2019

1. **Manuscript reviewer** for Universiti Tun Hussein Onn Malaysia
2. **Article reviewer** for International Conference on Social Sciences, Management and Accounting (ICSSMA 2019)

2020

1. **Reviewer**, Innovative Teaching and Learning Journal (ITLJ)

RESEARCH GRANTS

Project Leader

1. **November 2019 – present; Project Leader (UTMER – Budget RM15,000)**
Project Title: Exploratory Study of Artificial Peer Scaffolding in Computer Supported Collaborative Learning for Students' Critical Thinking Skills

Project Member

1. **June 2019 – present; Project Member (PRGS-ICC – Budget RM20,000)**
Project Title: MySL: Mobile Apps for Hearing Impaired Students in Learning Science
2. **January 2020 – present; Project Member (UTMFR - RM 70,000.00)**
Project Title: ALARM: Learning Analytics Framework to Support Self-Regulated Learning Strategies in Massive Open Online Courses (MOOC) In Reducing Dropout
3. **January 2020 – present; Project Member (UTMPR - RM 73,000.00)**
Project Title: Prototype Development of Mobile Applications with an Embedded Animated Cognitive Scaffolding Agent for Solving Stem Problems
4. **March 2020 – present; Project Member (OTR Grant - RM10,000.00)**
Project Title: "Gadget and Milenial Mother" Phenomenon in Children Parents of Early Childhood Education Programs Indonesia and Malaysia in 2020

5. **February 2019 – January 2020; Project Member (UTMF Grant - RM12,741)**
Project Title: Mengkaji Keberkesanan Pendidikan Saudara Kita Secara Atas Talian Melalui Edu-Muallaf

6. **October 2019 – December 2019; Project Member (OTR Grant - RM4,000)**
Project Title: Land for All: Awareness and Solution for Land Tax Payment Issues for Indigenous People (Build Financial Capabtlity for All)

CONSULTANCY

Consultancy – Registered under Contract Research RMC

1. **2019 – Project Member**
 Project Title: Bengkel Mondorong Sikap dan Tingkah Laku Positif Kanak-kanak (UTSB Fot No: 1515). RM4500

2. **2019 – Project Member**
 Project Title: Projek Penerbitan Jurnal Scopus dan Jurnal Kemanusiaan (UTSB Fot No: 1481). RM32200

3. **2019 – Project Member**
 Project Title: Bengkel Structural Equation Modelling Using Smartpls Version 3.0 (UTSB Fot No: 1578). RM5750

4. **2019 – Project Member**
 Project Title: Program Lawatan Akademik Mahasiswa Sekolah Tinggi Ilmu Ekonomi Pembangunan Tanjung Pinang, Indonesia ke Universiti Teknologi Malaysia. (UTSB Fot No: 1580). RM1150

TEACHING

UNDERGRADUATE PROGRAM

Subject Code	Subject	Credit Hour
SHAR3033	Research Methodology	3
SHAR2093	Learning and Development Technology	3
SHAR3073	Training Management	3

GENERAL UNIVERSITY COURSE

Subject Code	Subject	Credit Hour
UHAS2052	Effective Communication	2
UHAK2022 /UHAS2122	Creative and critical thinking	2
UHMS1022/ UHAK1022	Malaysian Studies	2
UHMS1182	Appreciations of Ethics and Civilizations	2

SUPERVISION

PHD

Asha d/o Alex (Ongoing)

Master Degree

Nurhazlin binti Zakaria (Ongoing)

Bachelor Degree

Nurul Nadiah Abdul Halim (Ongoing)

Nurul Najwa Abdul Halim (Ongoing)

Nor Ruhaiefatin Binti Mohamad Ruhamin (Ongoing)

PUBLICATIONS

JOURNAL

SCOPUS Journal:

1. **Ana Haziqah A.Rashid**, Yee Wen Choon, Mohd Saberi Mohamad, Lian En Chai, Chuii Khim Chong, Safaai Deris and Rosli M Illias (2013) Producing Succinic Acid in Yeast using A Hybrid of Differential Evolution and Flux Balance Analysis, International Journal of Bio-Science and Bio-Technology, Vol.5 No.6, pp.91-100

Non-indexed Journal:

1. Nor Akmar Nordin, Yuhanis Khalida A. Rashid, Siti Aisyah Panatik, and **Ana Haziqah A. Rashid**. "Relationship between Psychological Capital and Work Engagement." Journal of Research in Psychology 1, no. 4 (2019): 6-12.

PROCEEDINGS/CONFERENCE (SCOPUS LISTED)

1. **Ana Haziqah A Rashid**, Nurbiha A Shukor, Zaidatun Tasir (2017) Using Peer Scaffolding to Enhance Students' Reasoning Skills in Online Collaborative Learning, IEEE Conference on e-Learning, e-Management and e-Services (IC3e), 2017 (pp. 35-39).
2. **Ana Haziqah A Rashid**, Nurbiha A Shukor, Zaidatun Tasir (2016) Using computer-based scaffolding to improve students' reasoning skills in collaborative learning, 2016 IEEE 8th International Conference on Engineering Education (ICEED), Kuala Lumpur, pp. 137-142
3. **Ana Haziqah A Rashid**, Nurbiha A Shukor, Zaidatun Tasir (2015) Enhancing Collaborative Reasoning Skills in Online Learning, IEEE Conference on e-Learning, e-Management and e-Services, ISBN 978-1- 4673-9436-9

PROCEEDINGS/CONFERENCE

1. Zaidatun Tasir, Nurul Farhana Jumaat, **Ana Haziqah A Rashid**, Nur Jannah Jamil (2019) My-SL: Learning Science (My-SL:LS), New Academia Learning Innovation 2019 (NALI 2019)
2. Fatin Aliah Phang, Nurbiha A. Shukor, Jaysuman Pusppanathan, Noor Dayana Abd Halim, Zulkifli Khair, Sarina Sulaiman, Aminuddin Ruskam, Juhazren Junaidi, **Ana Haziqah A Rashid**, Mohd Fauzi Bin Bachok (2019) Edu-Muallaf: Platform Atas Talian Pembelajaran Asas Fardhu Ain Bagi Saudara Kita di Johor, International Conference On Muallaf (ICOM 2019)
3. **Ana Haziqah A Rashid**, Settawut Janwan, Saharat Sangum, Mohd Firdaus Saad, Woon Tian Wen, Zabidi Sukuan, Noor Dayana Abd Halim, Norah Md Noor (2018) The Effectiveness of Using Mobile Application in Teaching English Preposition, ISBN 978-967-2171-15
4. **Ana Haziqah A Rashid**, Nurbiha A Shukor, Zaidatun Tasir (2014) Using Online Collaborative Learning Environment to Promote Reasoning Skills, International Education Postgraduate Seminar (IEPS 2014).
5. Nurbiha A Shukor, **Ana Haziqah A Rashid**, Zaidatun Tasir (2017) goReason V2: An Improved Online Collaborative Learning System for Reasoning Skills, The International University Carnival on e-Learning (IUCEL) 2017, pp.63.
6. Nurul Nadwa Zulkifli, Noor Dayana Abd Halim and Noraffandy Yahya, Henny van der Meijden, **Ana Haziqah A Rashid** (2017) Enhancing Students' Critical Thinking Through facebook via Online Reciprocal Peer Tutoring Framework, 4th Innovative Practices in Higher Education Expo 2017 (I-PHEX 2017)
7. **Ana Haziqah A Rashid**, Nurbiha A Shukor, Zaidatun Tasir (2016) goReason : A Collaborative Learning System for Reasoning Skills, The International University Carnival on e-Learning (IUCEL) 2016, pp.126.

UNPUBLISHED THESIS

1. **PhD Thesis**
Thesis Title: Effects of Peer Scaffolding in an Online Collaborative Learning Environment on Students' Reasoning Skills and Learning Performance
2. **Master Thesis**
Thesis Title: Teachers' Perception Towards Virtual Learning Environment
3. **Bachelor Degree Thesis**
Thesis Title: Producing Succinic Acid in Yeast using Differential Evolution Approach

COPYRIGHT

1. Copyright software: LY2018002351
goReason: Online Collaborative Learning System
2018 Universiti Teknologi Malaysia - All Rights Reserved
2. Copyright software: LY2018007002

MySL Learning Science Apps: Kejap Ada Kejap Tak Ada
2018 Universiti Teknologi Malaysia – All Rights Reserved

3. Copyright software: LY2019002394

MySL Learning Science Apps: Eksplorasi Sains!
2019 Universiti Teknologi Malaysia – All Rights Reserved

4. Copyright software: LY2019002406

MySL Learning Science Apps: Fahami Sistem Badan Anda!
2019 Universiti Teknologi Malaysia – All Rights Reserved

5. Copyright software: LY2019002404

MySL Learning Science Apps: Eksplorasi Keturunan Anda!

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6. Copyright software: LY2019002431

MySL Learning Science Apps: Bila Titanic Menghentam Bongkah Ais!

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7. Copyright software: LY2019002434

MySL Learning Science Apps: Melihat Dunia Menerusi Lensa!

2019 Universiti Teknologi Malaysia – All Rights Reserved

8. Copyright software: LY2019002436

MySL Learning Science Apps: Terima Kasih En Kimia!

2019 Universiti Teknologi Malaysia – All Rights Reserved

9. Copyright software: LY2019002433

MySL Learning Science Apps: Tenaga Nuklear : Mitos vs Fakta!

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REFEREE

1. **Dr Nurbiha A Shukor** (Senior Lecturer at Department of Educational Science, Mathematics and Multimedia Creative, School of Education, Faculty of Social Sciences and Humanities, Universiti Teknologi Malaysia, 81310, Skudai, Johor) Contact Number : +60173745760. Email: nurbiha@utm.my
2. **Prof Dr Zaidatun Tasir** (Professor at Department of Educational Science, Mathematics and Multimedia Creative, School of Education, Faculty of Social Sciences and Humanities, Universiti Teknologi Malaysia, 81310, Skudai, Johor) Contact Number: +60197255786. Email: p-zaida@utm.my
3. **Assoc Prof Siti Aisyah Panatik** (Chair, School of Human Resource Development and Psychology, Faculty of Social Sciences and Humanities, Universiti Teknologi Malaysia, 81310, Skudai, Johor) Contact Number : +60197171974. Email: saisyah@utm.my