

CURRICULUM VITAE



A. PERSONAL PARTICULARS

Name : **RUZINOOR CHE MAT**

Current Position : **ASSOCIATE PROFESSOR**

Date of Appointment : **18/07/2018**
(Current Position)

Address : **School of Creative Industry Management and Performing Arts,
Universiti Utara Malaysia,
06010 UUM Sintok,
Kedah**

Telephone : **04-9285895**

Email : **ruzinoor@uum.edu.my**

Areas of Specialization : **MULTIMEDIA (GIS)**

Academic and Professional Qualifications

Year	Field of Study	Place
Dec 2007 - Feb 2013	PhD Multimedia (GIS)	Universiti Putra Malaysia
Oct 2000 - Oct 2001	M.Sc. Computer Graphics and Virtual Environment	University of Hull, United Kingdom.
Sept 1996 - Sept 1998	BEng. (Hons) Electrical and Electronic Engineering	Coventry University, United Kingdom
Mei 1995 - Mei 1996	Diploma in Electronic Engineering (Computer Technology)	Politeknik Ungku Omar, Ipoh, Perak
Mei 1993 - Mei 1995	Certificate in Electronic Engineering (Computer Technology)	Politeknik Port Dickson, Negeri Sembilan

Work Experience

Year	Position	Field of Work	Place of Work
Oct 2018 - Jan 2019	Visiting Fellow	Research collaboration	Japan Advanced Institute of Science and Technology (JAIST), Japan
July 2018- now	Associate Professor	Teaching	School of Creative Industry Management and Performing Arts, UUM
August 2016- Jun 2018	Senior Lecturer	Teaching	School of Creative Industry Management and Performing Arts, UUM
April 2010 - July 2016	Senior Lecturer	Teaching	School of Multimedia Technology and Communication, UUM
August 2015 – Dec 2015	Deputy Director PACE	Managing franchais program	PACE UECSB SDN. BHD.
Oct 2013 – July 2015	Deputy Director PACE	Managing franchais program	Pusat Pendidikan Profesional dan Lanjutan (PACE)
Feb 2012 – Sept 2013	Program Manager	Handling PJJ student	Pusat Pendidikan Profesional dan Lanjutan (PACE)
June 2006 - Mac 2010	Lecturer	Teaching	Fakulti Teknologi Maklumat, UUM
2004 - 2007	Practicum Coordinator	Managing practicum Student	Pusat Praktikum, UUM
Jan 2005 - Dec 2007	Part time Lecturer	Teaching	Open University
Sept 2003 - Mei 2006	Lecturer	Teaching	Fakulti Pengurusan Teknologi, UUM
Jun 2003 - Sept 2003	Part time Lecturer	Teaching	Universiti Malaysia Sabah
Nov 2001 - Sept 2003	Lecturer	Teaching	Sekolah Teknologi Maklumat, UUM
Nov 1999 - Sept 2000	Tutor	Teaching	Sekolah Teknologi Maklumat, UUM
April 1999 - Oct 1999	Technical Executive	Engineer at Electronic Division	PSC Naval Dockyard, Pangkalan TLDM Lumut
Jun 1996 - Sept 1996	Technician	Facilities Service Center (FSC)	Binariang Sdn. Bhd. (Maxis),

Main Current Research Areas

Computer Graphics, 3D Visualization, Virtual Reality, Augmented Reality, Game Engine, Gamification, Remote Sensing & GIS, and Terrain Visualization.

B. TEACHING AND SUPERVISION

i. Undergraduate Teaching

Bil	Code and Course Title	Semester
1.	SCIM1033 Introduction to Media Digital (Group A)	First Sem 2023/2024 (A231) 3 credit hours
2.	SCIM3423 Internet Technology In Creative Industry (Group A)	First Sem 2023/2024 (A231) 3 credit hours
3.	SCIM3413 Interactive Media Production Management (Group A)	Second Sem 2022/2023 (A222) 3 credit hours
4.	SCIM1033 Introduction to Media Digital (Group A)	First Sem 2022/2023 (A221) 3 credit hours
5.	SZRZ6014 Research Methodology (Group J) Postgraduate Class	Second Sem 2021/2022 (A213) 4 credit hours
6.	SCIM3413 Interactive Media Production (Group A)	Second Sem 2021/2022 (A212) 3 credit hours
7.	SCIM1023 Foundation of Creative Arts (Group A)	First Sem 2021/2022 (A211) 3 credit hours
8.	SCIM1063 Creative Economy (Group A) SCIM3413 Interactive Media Production (Group A)	Second Sem 2020/2021 (A202) 6 credit hours
9.	SCIM1023 Foundation of Creative Arts (Group A) SCIM1023 Foundation of Creative Arts (Group B)	First Sem 2020/2021 (A201) 6 credit hours
10.	SCIM1063 Creative Economy (Group A) SCIM3053 Creative Industry Seminar (Group B)	Second Sem 2019/2020 (A192) 6 credit hours
11.	SCIM1023 Foundation of Creative Arts (Group A) SCIM3413 Interactive Media Production (Group A)	First Sem 2019/2020 (A191) 6 credit hours
12.	SCIM3433 Digital Games Project Management (Group A) SCIM3413 Interactive Media Production (Group A) SCIM2413 Interactive Design (Group A)	Second Sem 2017/2018 (A172) 9 credit hours
13.	SCIM1063 Creative Economy (Group A) SCIM1013 Introduction to Creative Industry (Group A)	First Sem 2017/2018 (A171) 6 credit hours

14.	SCIM1063 Creative Economy (Group A) SCIM1023 Foundation of Creative Arts (Group A) SCIM3413 Interactive Media Production Management (Group B)	Second Sem 2016/2017 (A162) 9 credit hours
15.	STIV2023 Computer Graphic & Animation (Group A) STIV3113 Virtual Reality Technology (Group A)	First Sem 2016/2017 (A161) 6 credit hours
16.	STIV2023 Computer Graphic & Animation (Group A) STIV2043 Digital Audio Technology (Group A)	Second Sem 2016/2017 (A152) 6 credit hours
17.	STID1103 Computer Application in Management BPME1013 Basic Entrepreneurship	Sem April (JA142) 6 credit hours
18.	STIV2023 Computer Graphic & Animation (Group B) STID1103 Computer Application in Management 1BPME1013 Basic Entrepreneurship	First Sem 2014/2015 (A141) Sem April (JA141) 9 credit hours
19.	STIV2023 Computer Graphic & Animation (Group B dan C) EEP2032 Living in Multi-Cultural Society STID1103 Computer Application in Management	Second Sem 2013/2014 (A132) First Sem (JA132) 10 credit hours
20.	STIV2023 Computer Graphic & Animation (Group B dan C) EEP1032 Personal Development & Character Building	First Sem 2013/2014 (A131) 7 credit hours
21.	STIV2023 Computer Graphic & Animation (Group A dan B) SCCT3123 Telecommunication	Second Sem 2012/2013 (A122) Sem July (JA122) 9 credit hours
22.	STIV2023 Computer Graphic & Animation (Group B)	First Sem 2012/2013 (A121) 3 credit hours
23.	STIV2023 Computer Graphic & Animation (Group B) SCCT2013 Integrative Media EEP2032 Living in Multi-Cultural Society	Second Sem 2011/2012 (A112) 7 credit hours
24.	STIV 2023 Grafik Komputer & Animasi SCCT 3123 Telekomunikasi	First Sem 2011/2012 (A111) 6 credit hours
25.	TIV 2023 Grafik Komputer & Animasi TIV 2043 Teknologi Audio Digital SDG 1011 Financial Planning (A) SDG 1011 High Touch Communication (A)	Nov 2007 6 credit hours
26.	TIV 3093 Pembangunan Aplikasi Permainan TIV 2043Teknologi Audio Digital SDG 1011Thinking Skills (A)	July 2007 6 credit hours

27.	JTM 2013 Lukisan Berbantuan Komputer JTE 3023 Teknologi Digital	July 2007 6 credit hours
28.	TIV 3093 Pembangunan Aplikasi Permainan JTE 3023 Teknologi Digital JTE 1023 Elektrikal, Elektronik, Mekanikal dan Enjin (Kursus Kawal Selia) SDG 1011 High Touch Communication (A)	Nov 2006 6 credit hours
29.	STIV2023 Computer Graphic & Animation (Group B dan C) EEP1032 Personal Development & Character Building	First Sem 2013/2014 (A131) 7 credit hours
30.	TR 2023 Teknologi Elektrik dan Elektronik (A) TR 2023 Teknologi Elektrik dan Elektronik (B)	June 2006 6 credit hours
31.	TR 2023 Teknologi Elektrik dan Elektronik (A) JTE 1023 Elektrikal, Elektronik, Mekanikal dan Enjin (Kursus Kawal Selia)	Nov 2005 6 credit hours
32.	TR 2023 Teknologi Elektrik dan Elektronik (A) TR 2023 Teknologi Elektrik dan Elektronik (B)	Nov 2004 6 credit hours
33.	TE 2013 Lukisan Kejuruteraan (A) TE 2013 Lukisan Kejuruteraan (B)	Jun 2004 6 credit hours
34.	TE 3023 Kejuruteraan Industri TI 2033 Teknologi Maklumat dan Komunikasi	Nov 2003 6 credit hours
35.	TE 3023 Kejuruteraan Industri TE 2013 Lukisan Kejuruteraan (A) TE 2013 Lukisan Kejuruteraan (B)	June 2003 6 credit hours
36.	TE 3023 Kejuruteraan Industri TE 2013 Lukisan Kejuruteraan (A)	Nov 2002 6 credit hours
37.	TE 3023 Kejuruteraan Industri TE 2013 Lukisan Kejuruteraan (A)	June 2002 6 credit hours
38.	TE 2013 Lukisan Kejuruteraan (A) TE 2013 Lukisan Kejuruteraan (B)	Nov 2001 6 credit hours

Graduate Supervision

Supervision (Full Research)

Ph.D

Main-Supervisor/Committee

Bil	Student's Name	Graduation	Title
1.	No. Matrik: 905240 Li, Yingrui Year: 2021	Completed Proposal Defense	Research on the Visual Image Design of Shanxi Century Old Brand
2.	No. Matrik: 905240 Chen, Ni Year: 2021	Ongoing	Research on Interactive Art Design of Immersive Virtual Reality

3.	No. Matrik: 904994 Morigengaowa Year: 2021	Ongoing	The Research of Chinese Mongolian Style Chorus Works is of Great Significance to Summarize the Development of Mongolian
4.	No. Matrik: 905510 Wu, Junnan Year: 2021	Ongoing	Study on the Application of Synthetic Materials in Artistic Creation
5.	No. Matrik: 905025 Chen Hanrong Year: 2021	Ongoing	Case Study of Crossover Music
6.	No. Matrik: 905027 Deng, Yu Year: 2021	Ongoing	A Comparative Study of the Characters in the Literature Camellia Girl and the Opera Camellia Girl
7.	No. Matrik: 905111 Yu, Fengwei Year: 2021	Ongoing	The Development of Modern Chinese Orchestra Conductor
8.	No. Matrik: 904838 Izwan Nurli b Mat Bistaman Year: 2021	Ongoing	A Conceptual Model of Mobile Augmented Reality for IOT
9.	No. Matrik: 904339 Nur Ain Binti Mohd Jelani Year: 2020	Completed Proposal Defense	A Conceptual Model of Mobile Augmented Reality for Engaging Museum Visitors
10.	No. Matrik: 900549 Jin Hui Year: 2022	Ongoing	Wealth Management
11.	No. Matrik: 905923 Gonesh Chandra Saha Year: 2016	Completed	A New Framework of Online 3D Visualization Technique for Coconut Plantation Management

Co-Supervisor/Committee

Bil	Student's Name	Graduation	Title
1.	No. Matrik: 900725 Okere Prince-Hector Chimereze Year: 2015	Completed	Acceptance Factors of Virtual Heritage Approach to Cultural Learning Amongst School Students in Malaysia
2.	No. Matrik: 900863 Mohd Fitri bin Yusoff Year: 2015	Completed	A New Conceptual Framework of Tawhidic Based Islamic Mobile Application for Developers (T-iMAD)

3.	No. Matrik: 901767 Oussama Atoui Year: 2016	Completed Proposal Defense	Improving and re-implementing of RGB-D based Simultaneous Localization and Mapping Algorithm used in "ORB-SLAM2" SLAM System
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Master Degree
Main Supervisor

Bil	Student's Name	Graduation	Title
1.	No Matrik: 816047 Mohd Hafiz b Mahayudin Year: 2013	Completed	Enhanced 3D Terrain Visualization Process Using Game Engine
2.	No Matrik: 830811 Muhammad Eizlan Haqim bin Jasmani Year: 2023	On Going	AR Technology in Restaurant Menu
3.	No Matrik: 830812 Nur Adriana Saffia Binti Joha Year: 2023	On Going	The Technologies of Augmented Reality AR Thru School of Creative Industry Management and Performing Art (SCIMPA) Mobile
4.	No Matrik: 830814 Wilinda A/P A Wan Year: 2023	On Going	Potential of Learning History Through Projection Mapping
5.	Mahamad Nabawi bin Mohammad Year: 2012/13	Defer in 2014	Preserving Wayang Kulit through 3D Game Development

Co-Supervisor/Committee

Bil	Student's Name	Graduation	Title
1.	No Matrik: 829599 Syahidatul Najwa Binti Zabri Year: 2022	On Going	The Effectiveness of 3D Hologram in Futuristic Classrooms
2.	No Matrik: 817237 Noor Azila binti Shaari Year: 2013	Ongoing	Virtual Fitting Room : The Effectiveness to Attracting Customers Attention Through the Use of Augmented Reality in Business.
3.	No Matrik: 83092 Noraina binti Mohamad	June 2004/2005	Implementing a Virtual Robot to Assisting Robotics Students Learning and Understanding.
4.	Rushanim binti Hashim	June 2007	The Implementation of benchmarking process: A study of local authorities under urban council in Peninsular Malaysia
5.	Chew Har Foo	Defer in 2007	Local Supplier Performance in Malaysia Electronic Manufacturing Services (EMS) Industries

Master's Dissertation

Main Supervisor

Bil	Student's Name	Graduation	Title
1.	No Matrik: 814375 Ousama A. Shaaban	2015	Mobile Augmented Reality for Laptop Maintenance (MAR4LM)
2.	Saipul Azmi Mohd Hashim	Defer in 2007	Robotics Controller Simulation System as a Reference Material for Diploma in Manufacturing Technology Student
3.	Haleem Yekhadde	2003	Virtual Reality Application of Thailand Web Based Virtual Tour and Thai Handicraft Product 3D E-commerce

Undergraduate Supervision

i. Project Paper/Dissertation

Bil	Student's Name	Year	Project Title
1.	No Matrik: 234875 Kartika Syawana bt Yusof	2017	PLUS Mobile Application for Traffic Rule
2.	No Matrik: 234915 Nur Hazwani bt Shuid		
3.	No Matrik: 232441 Leong Chia Lu	2017	UUM Bus Helper Mobile Apps
4.	No Matrik: 232705 Teh Siok Teng		
5.	No Matrik: 232714 Muhd Saiful Mu'in B Zainal Arifin	2017	Interactive Game for Road Safety Learning Through Cycling Education
6.	No Matrik: 233814 Nur Atikah Binti Aziz		
7.	No Matrik: 232742 Chon Soke Yee	2017	Fun Learning Science Courseware
8.	No Matrik: 234591 Tan Yee Wen		
9.	No Matrik: 230079 Muhammad Syafiq Ashraf Bin Marizan	2016	Mobile Augmented Reality "Discover UUM"
10.	No Matrik: 230136 Muhammad Fahmi Bin Ahmad		
11.	No Matrik: 230156 Muhamad Ilyassier Bin Sohod		
12.	No Matrik: 229026 Nur Anis Zulaikha bt Ahmad	2016	Games: Hide and Seek
13.	No Matrik: 229004 Nur Azwan b Abd Haris	2015	Sharing Information (SMMTC) Android Application

14.	No Matrik: 229008 Nurhayati bt Romle	2015	"Web Proses Penanaman Padi"
15.	No Matrik: 227277 Badrul Amin b Wahab	2015	"Dani Penjagaan Gigi"
16.	No Matrik: 225839 Faiz b Fadzil		
17.	No Matrik: 227878 Muhammad Farhan b Mohd Faizol		
18.	No Matrik: 229035 Siti Nor Ashikin bt Shahidan	2015	"Laman web Tarian Tradisional Mak Yong"
19.	No Matrik: 225256 Siti Khaleeda bt Mukhtar	2015	Visualization of Mental Arithmetic for Kindergarten 2.0
20.	No Matrik: 227234 Siti Salina bt Mat Rodzi		
21.	No Matrik: 227307 Nor Atirah bt Azahar		
22.	No Matrik: 219666 Low Dick Kie	2014	Go Green Software: Save the Forest
23.	No Matrik: 211527 Puah Pei Wen		
24.	No Matrik: 219030 Koo Qian Yan		

C. RESEARCH

National Grant

Project Head

A.

Title	A Novel Model of Mobile Augmented Reality for Engaging Hearing-Impaired Museum Visitors (Kod S/O: 14354)
Sponsorship	Kementerian Pendidikan (FRGS)
Amount	RM 93,000
List of Researchers	Ruzinoor Che Mat (Head) Abdul Nasir Zulkifli (UUM) Juliana Aida Abu Bakar Mazida Ahmad Mohd Fitri Yusoff Azizah Che Omar
Duration	Sept 2019 – Mei 2023
Date of Completion	Ongoing

B.

Title	3D Terrain Visualizer (Kod S/O:12497)
Sponsorship	Kementerian Pendidikan (PRGS)
Amount	RM 110,000
List of Researchers	Ruzinoor Che Mat (Head) Abdul Nasir Zulkifli (UUM) Abdul Rashid Mohamed Shariff (UPM) Mohd Shafry Mohd Rahim (UTM)
Duration	July 2012 – February 2015
Date of Completion	January 2015

C.

Title	An improved algorithm of Responsive Virtual Agent in a Stressful Virtual Environment (Kod S/O:12906)
Sponsorship	Kementerian Pendidikan (FRGS)
Amount	RM 71,245
List of Researchers	Ruzinoor Che Mat (Head) Juliana Aida Abu Bakar Azizi Aziz Mohd Fitri Yusof
Duration	December 2013 – December 2015
Date of Completion	2017

Co-Researcher

A.

Title	Extended Reality and Human Interaction Centre of Excellence (ERHIC) (Kod S/O: 14978)
Sponsorship	Kementerian Pendidikan Tinggi (KKP)
Amount	RM 134,200
List of Researchers	Juliana Aida Abu Bakar (Head) Ruzinoor Che Mat Siti Salmi Jamali Azizi Ab Aziz
Duration	Jan 2021 – June 2023
Date of Completion	Completed 2023

B.

Title	A Conceptual Model of Interactive Persuasive Learning Among Elderly (Kod S/O:12386)
Sponsorship	Kementerian Pendidikan Tinggi (FRGS)
Amount	RM 50,000
List of Researchers	Abdul Nasir Zulkifli (Head) Ruzinoor Che Mat Mazida Ahmad Juliana Aida Abu Bakar
Duration	April 2012 – April 2015
Date of Completion	April 2015

C.

Title	A Conceptual Model of Augmented Reality Enhanced Textbook in Motivating Science Learning (Kod S/O:13048)
Sponsorship	Kementerian Pendidikan Tinggi (FRGS)
Amount	RM 77,200
List of Researchers	Asmidah Alwi (Head) Abdul Nasir Zulkifli Ruzinoor Che Mat Aeni Zuhana Saidin Juliana Aida Abu Bakar
Duration	July 2014 – June 2016
Date of Completion	2016

D.

Title	A Novel Model for Mid-range Wireless Power Transfer using Magnetic Resonance for Daily Electronic Appliances (Application ID: 43052-65077)
Sponsorship	Kementerian Pendidikan Tinggi (FRGS)
Amount	RM 134,200
List of Researchers	Mohd Najib Mohd Yasin (Head) Sabira Khatun Ruzinoor Che Mat Rozana Aina Maulat Osman Sohiful Anuar Bin Zainol Murad Muzammil Bin Jusoh Hon Tat Hui
Duration	Jun 2014 – Mei 2016
Date of Completion	2017

University Grant

Project Manager / Head

A.

Title	Mobile Augmented Reality Global Umrahaji Games (MobileARGUG) (Kod S/O: 333031)
Sponsorship	Agensi Luar (Dalam Negara) Swasta
Amount	RM 26,000.00
List of Researchers	Ruzinoor Che Mat (Head)
Duration	January 2021 – June 2021
Date of Completion	Ongoing

B.

Title	Mobile AR, Audio and Video Production Laboratory (Kod S/O: 14013)
Sponsorship	Research Infrastructure Grant Scheme, Universiti Utara Malaysia
Amount	RM 308,730.00

List of Researchers	Ruzinoor Che Mat (Head) Abdul Nasir Zulkifli Juliana Aida Binti Abu Bakar Ahmad Hisham bin Zainal Abidin Adzrool Idzwan Bin Ismail Syamsul Bahrin Bin Zaibon Asmidah Binti Alwi Siti Salmi Binti Jamali
Duration	January 2018 – April 2022
Date of Completion	Completed 2023

C.

Title	Pembangunan Aplikasi Mudah Alih Penggambaran Mental Arithmetik (Kod S/O: 21509)
Sponsorship	Universiti Utara Malaysia (Geran Khas APIQ)
Amount	RM 5,000
List of Researchers	Ruzinoor Che Mat (Head)
Duration	December 2022 – December 2023
Date of Completion	Ongoing

D.

Title	User Perception of 360 Virtual Tour of UUM International School (Kod S/O: 14910)
Sponsorship	Universiti Utara Malaysia
Amount	RM 12,000
List of Researchers	Ruzinoor Che Mat (Head) Norani Nordin Abdul Nasir Zulkifli
Duration	December 2020 – December 2021
Date of Completion	Ongoing

E.

Title	An Online 3D Visualization Technique for Oil Palm Plantation (Kod S/O:12416)
Sponsorship	Universiti Utara Malaysia
Amount	RM 52,000
List of Researchers	Ruzinoor Che Mat (Head) Norani Nordin Abdul Nasir Zulkifli Shahrul Azmi Mohamad Yusof
Duration	December 2012 – June 2015
Date of Completion	2015

F.

Title	A New Framework of Online Visualization Technique for Coconut Plantation Management (Kod S/O:16025)
Sponsorship	Insentif Pascasiswazah, Universiti Utara Malaysia
Amount	RM 5,000
List of Researchers	Ruzinoor Che Mat (Head)
Duration	September 2017 – September 2020
Date of Completion	Completed 2022

G.

Title	Koswer Penggambaran Mental Arithmetik Untuk Kanak-Kanak Pra-Sekolah (Kod S/O: 14006)
Sponsorship	Social Innovation Grant Scheme, Universiti Utara Malaysia
Amount	RM 5,000
List of Researchers	Ruzinoor Che Mat (Head) Norani Nordin
Duration	January 2018 – July 2018
Date of Completion	Completed

H.

Title	A New Methods of Reverse Engineering for Printed Circuit Board (PCB) (S/O 11477)
Sponsorship	Universiti Utara Malaysia
Amount	RM 30,000
List of Researchers	Ruzinoor Che Mat (Head) Shahrul Azmi (FTM) PM Abdul Nasir Zulkifli (FTM) Ruslizam Daud (FTM)
Duration	Januari 2002 – Januari 2004
Date of Completion	Completed

I.

Title	Silhouette Rendering Algorithms in Terrain Visualization (S/O 10751)
Sponsorship	Sekolah Teknologi Maklumat, UUM
Amount	RM 3,000
List of Researchers	Ruzinoor Che Mat (Head) Shahrul Azmi (FTM) PM Abdul Nasir Zulkifli (FTM) Ruslizam Daud (FTM)
Duration	Jun 2005 – Sept 2007
Date of Completion	Completed

Co-Researcher

A.

Title	Virtual Taekwondo Training Environment: A Self-Directed Taekwondo Training Prototype (Kod S/O:13482)
Sponsorship	Universiti Utara Malaysia
Amount	RM 20,000
List of Researchers	Salina Ismail (Head) Mohd Fitri Yusoff Dr. Nassiriah Shaari Ruzinoor Che Mat Abdul Nasir Zulkifli
Duration	May 2016 – November 2018
Date of Completion	2018

B.

Title	Spatial Engagements of Universiti Utara Malaysia (Kod S/O:13624)
Sponsorship	Universiti Utara Malaysia

Amount	RM 13,000
List of Researchers	Prof. Dr. Rohana bt Yusof (Head) Prof. Dato' Seri Dr. Mohamed Mustafa b Ishak Prof. Dr. Ravindra Nath Vyas Ruzinoor Che Mat
Duration	October 2016 – March 2018
Date of Completion	2018

C.

Title	An Acceptance Study of a Virtual Hijab Try Out Station (VHTOS) Prototype for Women Shoppers (Kod S/O:13720)
Sponsorship	Geran Penyelidikan COE – S, Universiti Utara Malaysia
Amount	RM 20,000
List of Researchers	Prof. Madya Abdul Nasir b. Zulkifli (Head) Mohd Fitri b. Yusoff Ruzinoor Che Mat Dr. Juliana Aida bt Abu Bakar
Duration	March 2017 – March 2018
Date of Completion	Completed

D.

Title	Virtual Reality Based Training For Motorcycle Assembly Plant (S/O 11474)
Sponsorship	Universiti Utara Malaysia
Amount	RM 30,000
List of Researchers	Prof. Madya Abdul Nasir b. Zulkifli (Head) Ruzinoor Che Mat Norani Nordin Nur Fadziana Faisal MOhamed
Duration	Jun 2005 – Sept 2007
Date of Completion	Completed

E.

Title	Kajian Kebolehpasaran Graduan Pengurusan Teknologi (S/O 11478)
Sponsorship	Universiti Utara Malaysia
Amount	RM 10,000
List of Researchers	Shahrul Azmi (Head) Ruzinoor Che Mat (FTM) PM Abdul Nasir Zulkifli (FPT) PM Dr. Lim Kong Teong (FPT) Dr. Zulkifli Md Udin (FPT)
Duration	Jun 2005 – Sept 2007
Date of Completion	Completed

F.

Title	Technology Implementation in Herbal Industry in Northern Region (S/O 11319)
Sponsorship	Sekolah Teknologi Maklumat, UUM
Amount	RM 3,000
List of Researchers	Norani Nordin (Head) Noor Hidayah Abu (FPT) Ruzinoor Che Mat (FTM)
Duration	August 2005 – June 2005
Date of Completion	Completed

G.

Title	Persepsi pelajar kumpulan pertama pengurusan teknologi terhadap latihan praktikum. (S/O 10942)
Sponsorship	Sekolah Teknologi Maklumat, UUM
Amount	RM 3,000
List of Researchers	Prof. Madya Abdul Nasir b. Zulkifli (Head) Ahmad Yusni Bin Bahauddin (STM) Ruzinoor Che Mat (STM)
Duration	Mei 2002 – January 2003
Date of Completion	Completed

H.

Title	Modelling and Simulation of Electronic Manufacturing (Kod S/O:10723)
Sponsorship	Sekolah Teknologi Maklumat, UUM
Amount	RM 2,994.20
List of Researchers	Prof. Dr. Ku Ruhana Ku Mahamud (Head) Ruzinoor Che Mat (STM)
Duration	November 2001 – January 2003
Date of Completion	Completed

I.

Title	Development of Virtual Robot Assisted Learning (VRAL) in Robotic Course using Virtual Environment Technique
Sponsorship	Geran Penyelidikan Pasca Siswazah, UUM
Amount	RM 15,000
List of Researchers	Noraina Binti Mohamad (Head) Shahrul Azmi Mohd Yusof (FTM) Ruzinoor Bin Che Mat (FTM)
Duration	October 2001 – September 2003
Date of Completion	Completed

D. PUBLICATIONS

Book

- 1) **Ruzinoor Che Mat** (2020), Book title: "Inovasi dan Kreativiti berteraskan Teknologi", Penerbit Universiti Utara Malaysia (UUM Press). 162 pages. ISBN 9789672210931. Published year 2020.

Chapter in Book

- 1) **Ruzinoor Che Mat**, Abdul Rashid Mohamed Shariff, Ahmad Rodzi Mahmud and Biswajeet Pradhan, (2011), "3D Terrain Visualization for GIS: A Comparison of Different Technique" Book title: "True-3D in Cartography: Autostereoscopic and Steric Visualization of Geodata", Lecture Notes in Geoinformation and Cartography, Springer-Verlag. ISSN 13: 9783642122712 Available 29 August 2011.

- 2) Norhaida Mohd Shuib and **Ruzinoor Che Mat** (2007), "Fractal in Modelling Natural Objects" Book title: "Advances in Computer Graphics and Virtual Environment", Penerbit UTM, ISBN 13: 9789835206368, pages 55-78.
- 3) Abdul Nasir Zulkifli, Shahrul Azmi Mohd Yusof, **Ruzinoor Che Mat**, Nur Fadziana Faisal Mohamed, dan Amlus Ibrahim, Part II: Information Technology, Page 163, Topics: Enhancing Virtual Tourism - Adoption and Implementation of Virtual Reality Techniques, Buku Bertajuk "Reading on Tourism and Hospitality (Volume I)", Penerbit UUM, 2007. ISBN 978-983-3827-16-9.
- 4) Amlus Ibrahim, **Ruzinoor Che Mat**, T. Ramayah, dan Julie Boey Chyaw In, Part II: Information Technology, Page 219, Topics: E-Tourism Development in Malaysia, Information Communication Technologies Adoption for the Strategic Management of the Malaysian Tourism Industry, Buku Bertajuk "Reading on Tourism and Hospitality (Volume I)", Penerbit UUM, 2007. ISBN 978-983-3827-16-9.
- 5) Amlus Ibrahim, **Ruzinoor Che Mat**, T. Ramayah, dan Julie Boey Chyaw In, Part III: Strategic Management and Quality, Chapter 15 Page 233, Topics: The Relationship of Commitment, Communication, Trust of Extent of Collaboration in Tourism Network, Buku Bertajuk "Reading on Tourism and Hospitality (Volume II)", Penerbit UUM, 2007. ISBN 983-3827-15-2.
- 6) **Ruzinoor Che Mat** & Norani Nordin In, Chapter 23: 'Implimentasi Teknologi JINI dalam Sistem Automasi Rumah: Senibina, Fungsi dan Kelebihan', Buku bertajuk "Isu-isu Kontemporari Koridor Raya Multimedia: Inovasi Teknologi", Prentice Hall, 2006. ISBN 13: 978-983-3655-13-7.
- 7) **Ruzinoor Che Mat** & Haleem Yekhadde In, Chapter 12: 'Web Based Virtual Ecotourism and 3D E-Commerce Of Thai Handicraft Products', Book of Reading Ecotourism in IMT-GT Region: Issues and Challenges, Penerbit UUM, 2006. ISBN 983328272-5.

Modul/Monograph

- 1) **Ruzinoor Che Mat** (Editor), "Multimedia Cartography Monograph", untuk kelas Sarjana Remote Sensing dan GIS bagi Subjek KBP 5955 Cartography and Visualization, November 2008.
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- 29) Rushanim Hashim, Prof Dr. Rushami & **Ruzinoor Che Mat**, 'Benchmarking Process and It's Relationship with Organizational Performance', International Conference On Technology and Operations Management (ICTOM 2006) Bandung, Indonesia, December 2006.
- 30) **Ruzinoor Che Mat**, Prof Madya Abdul Nasir Zulkifli, Nur Fadziana, Norani Nordin & Farzana Kabir Ahmad (2006) 'Computer-Based Training CBT in Simulated Environment for Motorcycle Engine Diagnosis and Troubleshooting', International Conference on Man Machine Systems (ICOMMS 2006), Conference Proceeding [CDROM], KUKUM, Langkawi, Sept 15-16, 2006.
- 31) **Ruzinoor Che Mat**, Shahrul Azmi Mohd Yusof, Prof Madya Abdul Nasir Zulkifli, Ruslizam Daud & Farzana Kabir Ahmad (2006) 'Vectorisation Technique in Printed Circuit Board (PCB) Reverse Engineering', International Conference on Man Machine Systems (ICOMMS 2006), Conference Proceeding [CDROM] KUKUM, Langkawi, Sept 15-16, 2006
- 32) **Ruzinoor Che Mat**, Shahrul Azmi Mohd Yusof, Prof. Madya Abdul Nasir Zulkifli, Ruslizam Daud & Farzana Kabir Ahmad, 'Morphological Operation on Printed Circuit Board (PCB) Reverse Engineering using MATLAB ', Knowledge Management International Conference and Exhibition (KMICE 2006), Faculty of Information Technology, UUM, Kuala Lumpur, June 2006.
- 33) Rushanim Hashim, Prof Dr. Rushami & **Ruzinoor Che Mat**, 'Status of Benchmarking Studies and The Development of Instrument to Measure Benchmarking Implementation in Public Organizations', South of East Asia Conference On The Advancement of Scientific and Social Research (SEA-CSSR 2005), Unit for Research, Development & Commercialization (URDC), Universiti Teknologi MARA, UiTM, Perlis, December 2005.
- 34) Shahrul Azmi Mohd Yusof, **Ruzinoor Che Mat**, Prof. Madya Abdul Nasir Zulkifli, Ruslizam Daud & Farzana Kabir Ahmad, 'Reverse Engineering of Printed Circuit Boards', International Advanced Technology Congress (ATCi 2005), Institute of Advanced Technology, UPM, Putrajaya, December 2005.
- 35) Amlus Ibrahim, **Ruzinoor Che Mat**, T. Ramayah & Julie Boey Chyaw In, 'The Relationship of Commitment, Communication, Trust of Extent of Collaboration in Tourism Network', International Conference On Tourism and Hospitality 2005 (ICTH 2005), Faculty of Tourism, Hospitality and Environmental, UUM, Penang, November 2005.
- 36) Noraina Mohamad, Shahrul Azmi Mohd Yusof & **Ruzinoor Che Mat**, 'User's Assessment Results on Virtual Robot Prototype', International Advanced Technology Congress (ATCi 2005), Institute of Advanced Technology, UPM, Putrajaya, December 2005.
- 37) **Ruzinoor Che Mat**, Amlus Ibrahim, Shahrul Azmi Mohd Yusof, Prof. Madya Abdul Nasir Zulkifli & Nur Fadziana Mohamed, 'Enhancing Virtual Tourism - Adoption and Implementation of Virtual Reality Techniques', International Conference On Tourism and Hospitality 2005 (ICTH 2005), Faculty of Tourism, Hospitality and Environmental, UUM, Penang, November 2005.
- 38) Shahrul Azmi Mohd Yusof, **Ruzinoor Che Mat**, Prof. Madya Abdul Nasir Zulkifli & Shahida Hassan, 'Promoting Tourism Sector in Malaysia Using Virtual Reality Application', International Conference On Tourism and Hospitality 2005 (ICTH 2005), Faculty of Tourism, Hospitality and Environmental, UUM, Penang, November 2005.
- 39) **Ruzinoor Che Mat**, Shahrul Azmi Mohd Yusof, Prof. Madya Abdul Nasir Zulkifli, Ruslizam Daud & Farzana Kabir Ahmad 'Reverse Engineering of Printed Circuit Boards : Scanning to Vectorisation', Proceeding International Conference on Information Technology and Multimedia (ICIMU 2005), College of Information Technology, UNITEN , November 2005.
- 40) **Ruzinoor Che Mat**, Shahrul Azmi Mohd Yusof & Noraina Mohamad , 'Virtual Robot Arm in Assisting Robotics Students' Learning', Proceeding International Conference on Information Technology and Multimedia (ICIMU 2005), College of Information Technology, UNITEN , November 2005.

- 41) Norani Nordin, **Ruzinoor Che Mat** & Noor Hidayah Abu, 'Technology Implementation Barriers of Malaysian Herbal Industry: A Case Study in Northern Malaysia', Proceeding 3rd International Qualitative Research Convention 2005, Johor Bahru, August 2005.
- 42) Norani Nordin, **Ruzinoor Che Mat** & Noor Hidayah Abu, 'Technology Implementation of Herbal Industry in Northern Malaysia', Proceeding National Conference on Management of Technology and Technology Entrepreneurship (MOTTE 2005), Johor Bahru, June 2005.
- 43) Shahrul Azmi Mohd Yusof, **Ruzinoor Che Mat**, Prof. Madya Abdul Nasir Zulkifli & Ruslizam Daud, 'Reverse Engineering of Printed Circuit Boards : A Conceptual Idea', Proceeding 1st National Conference on Electronic Design (NCED 2005), Kangar Perlis, May 2005.
- 44) **Ruzinoor Che Mat** & Norani Nordin, 'Silhouette Rendering Algorithm Using Vectorisation Technique from Kedah Topography Maps ', Proceeding 2nd National Conference on Computer Graphics and Multimedia (CoGRAMM'04), Selangor, December 2004.
- 45) **Ruzinoor Che Mat** & Haleem Yekhadee, 'Web Based Virtual Ecotourism and 3D E-Commerce of Thai Handicraft Products', IMT-GT International Conference on Ecotourism: Issues and Challenges, Sintok, Kedah October 2003.
- 46) Noraina Mohamad, Sharul Azmi Mohd Yusof & **Ruzinoor Che Mat**, 'Managing Virtual Reality In Robotics Teaching', CoLT 2002 - Conference on Learning Technology 2002, 14-16 Oktober 2002, Haadyai, Thailand.
- 47) Noraina Mohamad, Sharul Azmi Mohd Yusof & **Ruzinoor Che Mat**, 'Virtual Robot Technology on the World Wide Web', WEC 2002. World Engineering Congress 2002. 22-25 July 2002, Kuching, Sarawak.
- 48) **Ruzinoor Che Mat** and Dr. Mahesh Visvalingam, 'Effectiveness of Silhouette Rendering Algorithm in Terrain Visualization', Proceeding National Conference on Computer Graphics and Multimedia (CoGRAMM'02), Melaka, October 2002.
- 49) Mohd Shahrizal Sunar, **Ruzinoor Che Mat** & Noor Azam Md Sheriff, 'Fractal for Terrain Model Generation', Proceeding National Conference on Computer Graphics and Multimedia (CoGRAMM), Melaka, October 2002.
- 50) Noraina Mohamad, Sharul Azmi Mohd Yusof & **Ruzinoor Che Mat**, 'Issues in Developing Virtual Robot System', Proceeding National Conference on Computer Graphics and Multimedia (CoGRAMM), Melaka, October 2002.
- 51) Noraina Mohamad, Sharul Azmi Mohd Yusof & **Ruzinoor Che Mat**, 'Virtual Robot System: A Survey', Prosiding Seminar ICT Peringkat Kebangsaan 2002 (SICTUUM), Sintok, Kedah, October 2002.
- 52) Noraina Mohamad, Sharul Azmi Mohd Yusof & **Ruzinoor Che Mat**, 'Virtual Reality In Robotics Teaching', MSTC 2002- Malaysian Science and Technology Congress 2002. 19-21 September 2002, Johor Bahru, Johor.

Other Publication/Editing

i. Article in Mass Media /Bulletin

- 1) **Ruzinoor Che Mat**, Mohd Hafiz Mahayudin and Norani Nordin (2019), Mental arithmetic courseware for pre-schools, New Strait times, 27 February 2019.
- 2) **Ruzinoor Che Mat**, Mohd Hafiz Mahayudin and Norani Nordin (2019), Arithmetic Courseware Helps Pre-Schoolers Master The Basics Of Mathematics, UUM News, 12 February 2019.
- 3) **Ruzinoor Che Mat**, Abdul Rashid Mohamed Shariff, Abdul Nasir Zulkifli and Mohd Shafry Rahim (2016), Researchers develop 3D GIS application to enable detailed visualisation of Earth, Geospatial World, 18 October 2016. Available at <https://www.geospatialworld.net/news/researchers-develop-3d-gis-application-enable-detailed-visualisation-earth/>
- 4) **Ruzinoor Che Mat**, Abdul Rashid Mohamed Shariff, Abdul Nasir Zulkifli and Mohd Shafry Rahim (2016), Mampu lihat visual rupa bumi, Sinar Harian, 5 August 2016.
- 5) **Ruzinoor Che Mat**, Abdul Rashid Mohamed Shariff, Abdul Nasir Zulkifli and Mohd Shafry Rahim (2016), Bangunkan 3D GIS guna Enjin Permainan, Berita Harian, 11 August 2016, Available at <https://www.pressreader.com/malaysia/berita-harian/20160811/283064-118739212>.

- 6) **Ruzinoor Che Mat**, Abdul Rashid Mohamed Shariff, Abdul Nasir Zulkifli and Mohd Shafry Rahim (2016) 3D GIS Application Enables a More Detailed Visualisation of the Earth, The Official University Buletin, UUM Chronicle, 2016 Convocation Special Issue, ISSN 2289-2486.
- 7) **Ruzinoor Che Mat**, Abdul Rashid Mohamed Shariff, Ahmad Rodzi Mahmud, Biswajeet Pradhan, and Mohd Shafry Mohd Rahim (2011) "Effective Visualization of Online 3D Terrain Draped With 8 Spectral Bands of World View 2 Satellite Images" research paper for Digital Globe 8 Band Challenges Research Competition. Available online at <http://dgl.us.neolane.net/res/img/9e05108c21d314f148cf9b-aebcdcf760.pdf>
- 8) **Ruzinoor Che Mat** (2009) "Voices of future: Challenge is high cost of equipment", In Online Coordinates Magazine. Available online at <https://mycoordinates.org/voices-of-future/>

E. ACADEMIC RECOGNITION

Committee Member - Professional/Academic/Board of Directors

i. International

- 1) Member of the Council International Federation of Virtual Reality Industry, held at Great Hall of People Beijing China, November 2017 – November 2020.
- 2) Member of The society of Digital Information and Wireless Communication (SDIWC), Member ID: 13396, since 2013, "<http://www.sdiwc.net>".
- 3) Member of The International Association and Information Technology (IACSIT), Member No: 80331633, since 2013, "<http://www.iacsit.org>".
- 4) Member of Internet Society, Member ID: 126277, since 2016, "<http://connect.internet-society.org>".
- 5) Committee member of International Conference on Human and Multimedia Creativity (ICON-HMC'17) held at SMMTC, Universiti Utara Malaysia on 4-5 October 2017.
- 6) Committee member of UUM Roundtable Discussion "Knowledge as an Integrated Discipline" 2017 held at TH Hotel, Alor Setar on February 2017.
- 7) Committee member of Pace International Conference on Science and Technology (PICOST 2017) held at Sheraton Hotel, Penang Malaysia on 25-27 July 2017.
- 8) Co-chairman of 2016 Advanced Research in Engineering and Information Technology International Conference (AREITIC'16) held at Bandung, Indonesia on 31- 1 June 2016.
- 9) Committee member of Creative Industry International Conference (CIIC) 2015 held at EDC Hotel, Universiti Utara Malaysia on 4-5 October 2015.
- 10) Secretariat of MRSS 6th International Remote Sensing and GIS Conference and Exhibition (MRSS 2010) held at PWTC Kuala Lumpur on 28-29 April 2010.
- 11) Chairperson for the 7th IGRSM Conference and Exhibition on Remote Sensing and GIS held at Berjaya Times Square Hotel, Kuala Lumpur, Malaysia on 21-22 April 2014.
- 12) Chairperson for the International Conference on Interactive Digital Media 2012 (ICIDM 2012) held at Langkawi, Kedah, Malaysia on 3-4 December 2012.
- 13) Chairperson for the 2nd International Conference on Interactive Digital Media 2013 (ICIDM 2013) held at Pullman Hotel, Kuching, Sarawak, Malaysia on 2-4 December 2013.
- 14) Secretariat of GIS Day 2010 held at Faculty of Engineering, UPM on 4 March 2010.

ii. National

- 1) Committee member of Seminar Kebangsaan Transformasi Sosio-Ekonomi di Wilayah Ekonomi Koridor Utara (NCER), held at Hotel Causarina Ipoh, Malaysia on 15-16 August 2018.
- 2) Co-opted Member of the Institution of Geospatial and Remote Sensing Malaysia (IGRSM), Member ID: M278, for the term 2012-2014, "<http://www.igrsm.com>".

- 3) Committee Member of the Institution of Geospatial and Remote Sensing Malaysia (IGRSM), Member ID: M278, for the term 2014-2016, "<http://www.igrsm.com>".
- 4) Committee Member of the Institution of Geospatial and Remote Sensing Malaysia (IGRSM), Member ID: M278, for the term 2016-2018, "<http://www.igrsm.com>".
- 5) Professional Member of the Institution of Geospatial and Remote Sensing Malaysia (IGRSM) which eligible to use the title Geospatialist (Gs).
- 6) Member of Creative Content Industry Guild Malaysia (CCIG), Member ID: A04522-14, since 2014, "<http://www.ccigmalaysia.com>"

Assessor/Technical Committee

i. International

- 1) Technical Committee of Creative Industry International Conference 2018 (CIIC 2018), held on 5-6 December 2018 in Kuala Lumpur, Malaysia.
- 2) Technical Committee of 9th IGRSM International Conference and Exhibition on Geospatial and Remote Sensing 2018 (IGRSM 2018), held on 11-13 April 2018 in Kuala Lumpur, Malaysia.
- 3) Technical Committee of 1st International Conference on Human and Multimedia Creativity (ICON-HMC'17), held on 4-5 October 2017 in SMMTC, UUM.
- 4) Technical Committee of PACE International Conference on Science and Technology (PICOST 2017), held on 25-27 July 2017 in Sheraton Hotel, Penang.
- 5) Technical Committee of International Conference on Applied Science and Technology 2016 (ICAST 2016), held on 11-13 April 2016 in Langkawi, Kedah, Malaysia.
- 6) Technical Committee of 8th IGRSM International Conference and Exhibition on Geospatial and Remote Sensing 2016 (IGRSM 2016), held on 11-13 April 2016 in Kuala Lumpur, Malaysia.
- 7) Reviewers for 2nd Advancement on Information Technology International Conference (ADVCIIT 2015), held on 3 -5 December 2015 in Krabi, Thailand.
- 8) Reviewer for The 19th Multi-conference on Systemics, Cybernetics and Informatics (WMSCI 2015), held on 12-15 July 2015 in Orlando, Florida, USA.
- 9) Technical Committee of 5th International Conference on Advanced Materials Research (ICAMR 2015), held on January 7 - 8, 2015 in Doha Qatar.
- 10) Technical Committee of International Conference on Computing and Informatics (ICOCI 2015), held on 11-13 August 2015 in Istanbul, Turkey.
- 11) Technical Committee of Creative Industry International Conference 2015 (CIIC 2015), held on 4-5 October 2015 in EDC Hotel, Universiti Utara Malaysia.
- 12) Technical Committee of International Conference on Interactive Digital Media (ICIDM 2014), held on 2-4 December 2014 in Kota Kinabalu, Sabah.
- 13) Technical Committee of International Conference on Interactive Digital Media (ICIDM 2013), held on 2-4 December 2013 in Kuching, Sarawak.
- 14) Technical Committee of International Conference on Interactive Digital Media (ICIDM 2012), held on 3-4 December 2012 in Langkawi, Kedah.
- 15) Reviewers for 4th IEEE International Conference on Computer Science and Information Technology (IEEE ICCSIT 2011), held on 10 - 12 June 2011 in Chengdu, China.
- 16) Technical Committee of Knowledge Management International Conference (KMICE 2014), held on 12-15 August 2014 in Langkawi, Kedah.
- 17) Technical Committee of International Soft Science Conference 2016 (ISSC' 2016), held on 11-13 April 2016 in Langkawi, Kedah.

ii. National

- 1) Panel Evaluator of poster for "Innovative Research, Invention and Application Exhibition 2018 (I-RIA 2018)".
- 2) Panel Evaluator of "Pemilihan Penyertaan ke Persidangan dan Ekspo Ciptaan Institusi Pengajian Tinggi Antarabangsa 2017 (PECIPTA 2017)".
- 3) Panel Evaluator of "Geran FRGS Peringkat Institute of Creative Humanities, Multimedia

- and Innovation (ICHMI) 2017".
- 4) Panel Evaluator of "Geran Penajaan Penyelidikan Universiti Peringkat Institute of Creative Humanities, Multimedia and Innovation (ICHMI) 2017".
 - 5) Panel Evaluator of SMMTC Week 2017.
 - 6) Panel Evaluator of PhD Proposal Defense for students "Yusof Bin Jaafar (95132)".
 - 7) Expert Reviewer for "Conceptual Design Model of Multimodal Mobile Assistance During Hajj: Personal Digital Mutawwif (PDM).
 - 8) Panel Evaluator of PhD Proposal Defense for students "Ahmed Sheikh Abdullah Al-Aidaroos (94410)".
 - 9) Panel Evaluator of PhD Proposal Defense for students "Nurulnadwan binti Aziz (94049)".
 - 10) Panel Evaluator of PhD Proposal Defense for students "Siti Zulaiha bt Ahmad (900249)".
 - 11) Panel Evaluator of Book Chapters which title "Development in Simulation and Visualization Techniques" published by Penerbit UTM Press.
 - 12) Chairman of PhD Proposal Defense for students "Ahmad Affandi Supli (812299)".
 - 13) Panel Evaluator for "Pemeriksa Skrip Jawapan Sains Komputer (SC025/DC025) Peperiksaan Semester Program Matrikulasi (PSPM) Kementerian Pelajaran Malaysia".
 - 14) Panel Evaluator for "Cadangan Penerbitan Monograf" which title "Comparative Analysis of Content-Based Image Retrieval Techniques" Authors: Tuan Zalizam Tuan Muda.
 - 15) Panel Evaluator for "Pembentangan Kertas Soalan Peperiksaan Akhir Semester Kedua Sesi 2012/2013 (A122)".
 - 16) Panel Evaluator for "Pembentangan Kolokium Pelajar Pascasiswazah SMMTC Sesi A121".
 - 17) Panel Evaluator for "Pertandingan Rekacipta Sempena SMMTC Week Semester A112".
 - 18) Panel Evaluator of PhD Proposal Presentation for further study, staff "Abd Hadi Abd Razak (2379)".
 - 19) Panel Evaluator of PhD Proposal Presentation for further study, staff "Mohd Nizam Saad (1712)".
 - 20) Panel Evaluator for AHS GS Postgraduate Colloquium 2016 on 26 January 2016 at Auditorium CAS, School of Computing.
 - 21) Panel Evaluator for "Projek Akhir Pelajar Multimedia (STIX 3923 Projek 2)".
 - 22) Panel Evaluator for "Pembentangan Kertas Soalan Peperiksaan Akhir Semester Pertama Sesi 2015/2016 (A151)".

Editorial Board – Journal/Magazines

Bil	Position	Name of Journal/Magazines	Duration
1.	Chief Editor	Majalah KRITIS terbitan Institut Penyiaran dan Penerangan Tun Abdul Razak (IPPTAR)	2019
2.	Chief Editor	International Journal on Interactive Digital Media (IJIDM)	2018 - now
1.	Chief Editor	Jurnal Teknologi Special Issue: Creative Industry International Conference 2015 (CIIC 2015)	2015
2.	Editorial Board; Technical Committee	International Journal of Interactive Digital Media	2013-now
3.	Editor	Modul Pengajian Jarak Jauh (PJJ) for STIV 1023 Asas Sistem Multimedia	3 Jun 2014 - 7 August 2014
4.	Editor	Modul Pengajian Jarak Jauh (PJJ) for SCCA 2013 Kaedah Penyelidikan	3 Jun 2014 - 7 August 2014
5.	Editor	Special Issue for Journal of Telecommunication, Electronic and Computer Engineering (JTEC)	November 2016

Assessor/Examiner

i. External Examiner for Thesis

a) Masters

Bil	Name of Students	Year	Project Title	Institution
1.	Amiratul Diyana bt Amiruddin	2016	Development of Models For Evaluation of Nitrogen Nutrition Status In Oil Palm	Universiti Putra Malaysia

ii. Internal Examiner for Thesis

a) PhD

Bil	Name of Students	Year	Project Title	Institution
1.	Ahmed Sheikh Abdullah Al-Aidaroos (94410)	2017	Conceptual Model for Usable Multi-modal Mobile Assistance During Umrah	Universiti Utara Malaysia

b) Masters (Research)

Bil	Name of Students	Year	Project Title	Institution
1.	Valarmathie a/p Gopalan	2015	Science Learning Motivation through the use of Enhanced Science Textbook Using Augmented Reality (e-Star)	Universiti Utara Malaysia

Assessor of Article in Academic Journal

Bil	Editor	Year	Title	Name of Journal
1.	Bradley C. Rundquist / Taylor and Francis (IF: 1.370)	2018	Land cover change, EVI, Time series, Savitzky-Golay filter, Wavelet transform	Geocarto International (TGEI-2018-013) (Impact Factor 1.759)
2.	Bradley C. Rundquist / Taylor and Francis (IF: 1.370)	2017	Step-wise land-class elimination approach for extracting mixed-type built-up areas of Kolkata megacity	Geocarto International (TGEI-2017-0213) (Impact Factor 1.759)
3.	Bradley C. Rundquist / Taylor and Francis (IF: 1.370)	2017	Development of a modified bare-soil and urban index for Landsat 8 satellite data	Geocarto International (TGEI-2017-0243) (Impact Factor 1.759)
4.	Prof Ku Ruhana Ku Mahmud	2017	Investigating Individual's Perception in Accepting and Using SAAS Cloud Computing as a Means of Green IT at Malaysian Public Universities	Journal of Information and Communication Technology (Scopus Q2)

5.	Bradley C. Rundquist / Taylor and Francis (IF: 1.370)	2016	Assessing the potential of integrated Landsat 8 thermal bands, with the traditional reflective bands and derived vegetation indices in classifying urban landscapes	Geocarto International (TGEI-2016-0031) (Impact Factor 1.759)
6.	Graeme Wright/ Taylor and Francis (IF: 0.412)	2015	Spatial Data Sharing Implementation in Malaysia's Marine Organizations: A Case Study	Journal of Spatial Science (Impact Factor 1.078)
7.	Bradley C. Rundquist / Taylor and Francis (IF: 1.370)	2015	MODIS SST Validation in the northern Persian Gulf	Geocarto International (TGEI-2015-0122) (Impact Factor 1.759)
8.	Bradley C. Rundquist / Taylor and Francis (IF: 1.370)	2014	Application of GIS and RS Techniques in Frost Risk Mapping for Mitigating Agricultural Losses in the Aberdare Ecosystem, Kenya	Geocarto International (TGEI-2014-0072) (Impact Factor 1.759)
9.	Modarresi and Eivazi	2014	Modeling an agroclimatic zoning methodology to determine the potential growing areas for <i>Cyamopsis tetragonoloba</i> (guar bean) in Argentina	Acta Advances in Applied Agricultural Science
10.	Prof. T. Hikmet Karakoc /IACSIT	2014	Bi-Histogram Equalization With Brightness Preservation Using Contrast Enhancement	International Journal of Engineering and Technology (IJET)(T954)
11.	Prof. T. Hikmet Karakoc /IACSIT	2014	Transmission Congestion Management Considering Voltage Security Using Bender Decomposition	International Journal of Engineering and Technology (IJET)(T959)
12.	Prof. T. Hikmet Karakoc /IACSIT	2014	Single Balanced Mixer Using Substrate Integrated Waveguide (SIW) 90° coupler	International Journal of Engineering and Technology (IJET)(T993)
13.	Bradley C. Rundquist / Taylor and Francis (IF: 1.370)	2013	Per-pixel and object-oriented classification methods for mapping urban land cover extraction using SPOT 5 imagery	Geocarto International (TGEI-2013-0033) (Impact Factor 1.759)
14.	Bradley C. Rundquist / Taylor and Francis (IF: 1.370)	2012	Spatial modeling of site suitability assessment for hospitals using GIS based multicriteria approach at Qazvin city, Iran	Geocarto International (TGEI-2012-0096) (Impact Factor 1.759)
15.	Bradley C. Rundquist / Taylor and Francis (IF: 1.370)	2012	A comparative assessment between object and pixel-based classification approaches for land use/land cover mapping using Spot imagery	Geocarto International (TGEI-2012-0111) (Impact Factor 1.759)
16.	Dr Wael Ahmed Mohamed Abdel Kawy	2012	Spatial Assessment of Desertification in North Sinai Using Modified MEDLAUS Model	Arabian Journal of Geosciences (Impact Factor 0.860)
17.	Afolabi Yemi	2011	Tackling Google Generation in the Classrooms of Today!	Journal of Internet and Information

				Systems
18.	Lin Huang	2011	Some Results of 3D Terrain Splitting by 2D Polygonal Vector Data	International Journal of Machine Learning and Computing (IJMLC)
19.	Prof. T. Hikmet Karakoc /IACSIT	2011	Predication of Steering Geometry of Front Suspension Using Experimental Data Based Model	International Journal of Engineering and Technology (IJET)(T282)
20.	Prof. T. Hikmet Karakoc /IACSIT	2011	Pre Formulation of Preventive Maintenance Schedule for Dragline System	International Journal of Engineering and Technology (IJET)(T750)
21.	Prof. T. Hikmet Karakoc /IACSIT	2011	Study on the 3D Interpolation Models Used in Color Conversion	International Journal of Engineering and Technology (IJET)(T860)
22.	Prof. T. Hikmet Karakoc /IACSIT	2011	Psychoanalysis of Centrally Symmetric Gravitational Field Using a Centrally Symmetric Metric	International Journal of Engineering and Technology (IJET)(T873)
23.	Prof. Wael Badawy /IACSIT	2011	Some Extensions of Terrain Splitting and Mapping Problem	International Journal of Computer Theory and Engineering (IJCTE)(T1087)
24.	Prof. Wael Badawy /IACSIT	2010	Object tracking in 3D point cloud Data	International Journal of Computer Theory and Engineering (IJCTE)(T735)
25.	Prof. T. Hikmet Karakoc /IACSIT	2010	3D Signature for Efficient Authentication in Multimodal Biometric Security Systems	International Journal of Engineering and Technology (IJET)(T432)

Invited/ Keynoted Speaker

Bil	Title	Conference	Dates
1.	Virtual Reality Project in Malaysia	China International Creative Culture & Entertainment Industry Summit And "Belt & Road" Virtual Reality Forum (2017 I.C.E. Summit), Beijing, China	24-27 Nov 2017
2.	How to do a Literature Review	Training of Trainers (TOT) for Kedah Young Innovate Peringkat Negeri Kedah.	October 2017

Awards

Distinguished Award (Special Award)

i. International

Bil	Award	Name	Year	Level	Awarding Body and Country
1.	Best paper Award	The International Conference on informatics and Creative Multimedia (ICICM'13)	2013	International	Universiti Teknologi Malaysia dan Multimedia University (MMU)
2.	Best of Interactive Multimedia Project	ASEANnale 2018	2018	International	University of the Philippines Diliman

ii. National

Bil	Award	Name	Year	Level	Awarding Body and Country
1.	Best Awards	Malaysian Technology Expo 2010 (MTE2021)	2021	International	Malaysian Association of Research Scientists (MARS)/ Malaysia
2.	Anugerah Inovasi Terbaik	Kumpulan Inovatif dan Kreatif (KIK 2018)	2018	National	Institut Pengurusan Kualiti (IPQ), UUM
3.	Anugerah Paten Terbaik	HIMPU UUM	2018	University	Universiti Utara Malaysia
4.	Best of Services Award	HIMPU UUM	2018	University	Universiti Utara Malaysia
5.	Anugerah Penerbitan Terbaik	Hari Anugerah SCIMPA	2017	School	SCIMPA, UUM
6.	Anugerah Pensyarah paling Berkarisma SCIMPA 2017	CIA Annual Dinner 2017	2017	School	School of Creative Industry Management and Performing Arts
7.	Anugerah Penerbitan Pusat PEngajian 2016	Hari Anugerah SMMTC	2016	University	School of Multimedia Technology and Communication, UUM
8.	Best of Social Science Award	Innovation and Creativity Inter College 2015	2015	National	Unimap & Kementerian Pendidikan Malaysia
9.	Best of Services Award	HIMPU UUM	2003	University	Universiti Utara Malaysia

Exhibition Award

i. International

Bil	Award	Name	Year	Level	Awarding Body/Country
1.	Gold Medal	Malaysian Technology Expo 2010 (MTE2021)	2021	International	Malaysian Association of Research Scientists (MARS)/ Malaysia
2.	Gold Medal	Malaysian Technology Expo 2010 (MTE2020)	2020	International	Malaysian Association of Research Scientists (MARS)/ Malaysia
3.	Gold Medal	Sintok International Games and Gamification 2019 (SIGG 2019)	2019	International	Innovation and Commercialisation Centre, UUM
4.	Gold Medal	Sintok International Games and Gamification Challenges 2017 (SIGGC 2017)	2017	International	Innovation and Commercialisation Centre, UUM
5.	Silver Medal	Sintok International Games and Gamification Challenges 2017 (SIGGC 2017)	2017	International	Innovation and Commercialisation Centre, UUM
6	Bronze Medal	Sintok International Games and Gamification Challenges 2017 (SIGGC 2017)	2017	International	Innovation and Commercialisation Centre, UUM
7.	Gold Medal	International Invention & Innovation Exhibition (ITEX 2016)	2016	International	Malaysian Invention and Design Society (MINDS)/ Malaysia
8.	Bronze Medal	International Conference and Exposition on Inventions of Institutions of Higher Learning 2013 (PeCIPTA 2013)	2013	International	Universiti Teknologi Mara and Ministry of Higher Education/ Malaysia
9.	Bronze Medal	International Conference and Exposition on Inventions of Institutions of Higher Learning 2013 (PeCIPTA 2013)	2013	International	Universiti Teknologi Mara and Ministry of Higher Education/ Malaysia

10.	Silver Medal	International Conference and Exposition on Inventions of Institutions of Higher Learning 2011 (PeCIPTA 2011)	2011	International	Universiti Teknologi Mara and Ministry of Higher Education/ Malaysia
11.	Research Competition Awards	The Digital Globe 8-Band Research Challenge 2011	2011	International	Digital Globe
12.	Gold Medal	The Belgian and International Trade Fair for Technological Innovation 2010 (INNOVA 2010)	2010	International	Brussels Eureka/ Belgium
13.	Gold Medal	Malaysian Technology Expo 2010 (MTE2010)	2010	International	Malaysian Association of Research Scientists (MARS)/ Malaysia
14.	Silver Medal	Seoul International Invention Fair 2009 (SIIF 09). Project "Computer-Based Motorcycle Engine Diagnosis and Troubleshooting (MeDT) Trainer"	2009	International	Korea Invention Promotion Association Korea
15.	Silver Medal	International Invention & Innovation Exhibition (ITEX 2009)	2009	International	Malaysian Invention and Design Society (MINDS)/ Malaysia
16.	Gold Medal	Malaysian Technology Expo 2007 (MTE2007)	2007	International	Malaysian Association of Research Scientists (MARS)/ Malaysia
17.	Bronze Medal	Malaysian Technology Expo 2007 (MTE2007)	2007	International	Malaysian Association of Research Scientists (MARS)/ Malaysia
18.	Bronze Medal	International Conference and Exposition on Inventions of Institutions of Higher Learning 2007 (PeCIPTA 2007)	2007	International	Ministry of Higher Education/ Malaysia

ii. National

Bil	Award	Name	Year	Level	Awarding Body/Country
1.	Silver Medal	Pertandingan Inovasi Pengajaran (PIP)	2018	National	Pusat Pengajaran Pembelajaran Universiti, UUM
2.	Gold Medal	Innovation and Creativity Inter College 2015	2015	National	Universiti Malaysia Perlis and KPM/ Malaysia

3.	Bronze Medal	Innovative Research, Invention & Application (IRIA 2015)	2015	National	School of Computing, university Utara Malaysia
4.	Silver Medal	Innovative Research, Invention & Application (IRIA 2015)	2015	National	School of Computing, university Utara Malaysia
5.	Bronze Medal	ICT Research and Innovation Expo 2014	2014	National	School of Computing, university Utara Malaysia
6.	Gold Medal	Pameran Rekacipta, Penyelidikan & Inovasi 2009 (PRPI 2009)	2009	National	Universiti Putra Malaysia (UPM)

Commercialization of Research and Intellectual Property

1. COPYRIGHT 2018: Application Number LY2018007039, SD date on 31 December 2018 for "Koswer Pengambaran Mental Aritmetik" (2018). Authors; **Ruzinoor Che Mat** and Mohd Hafiz Mahayudin.
2. PATENT PENDING: PI No. 2017701158, filed on 31 March 2017 for "A Computer Implemented Method of Visualizing 3D Terrain with 3D Objects and Analysis Using Game Engine". Authors; **Ruzinoor Che Mat**, Abdul Rashid Mohamed Shariff, Abdul Nasir Zulkifli and Mohd Shafry Mohd Rahim.
3. PATENT GRANTED: MY-155155-A, granted on 15 September 2015 for "A Method of Visualizing 3D Terrain". Authors; **Ruzinoor Che Mat**, Abdul Rashid Mohamed Shariff, and Ahmad Rodzi Mahmud.
4. PATENT PENDING: PI No. 2010700076: filed on 28 October 2010 for "A Method of Visualizing 3D Terrain". Authors; Ruzinoor Che Mat, Abdul Rashid Mohamed Shariff, and Ahmad Rodzi Mahmud.
5. COPYRIGHT 2016: Application Number LY2016001257, SD date on 10 May 2016 for "3D Terrain Visualizer (3DtVis)" (2016). Authors; **Ruzinoor Che Mat**, Abdul Nasir Zulkifli, and Mohd Shafry Mohd Rahim.
6. COPYRIGHT 2016: Application Number CRLY00004473, SD date on 11 May 2016 for "Enhanced Science Textbook Using Augmented Reality" (2016). Authors; Abdul Nasir Zulkifli, Valarmathie A/P Gopalan, **Ruzinoor Che Mat**, Asmidah Alwi, Aeni Zuhana Saidin and Juliana Aida Abu Bakar.
7. COPYRIGHT 2013: SD date on 20 October 2013 for "Lean Manufacturing Implementation Model" (2013). Authors; Norani Nordin, Baba Md Deros and **Ruzinoor Che Mat**.
8. COPYRIGHT 2013: SD date on 20 October 2013 for "Virtual Robot Assisted Learning" (2013). Authors; **Ruzinoor Che Mat**, Shahrul Azmi Mohd Yusof, Noraina Mohamad, and Mohd Hafiz Mahayudin.
9. COPYRIGHT 2013: SD date on 20 October 2013 for "Terrain Visualization 3D (teRRaViz 3D)" (2013). Authors; **Ruzinoor Che Mat**, Abdul Nasir Zulkifli, and Mohd Shafry Mohd Rahim.
10. COPYRIGHT 2013: SD date on 19 September 2013 for "Visualization of Mental Arithmetic Courseware (VMAC)" (2013). Authors; **Ruzinoor Che Mat**, Mohd Hafiz Mohd Mahayudin, and Wan Rahzihan Wan Nasyreeq.
11. COPYRIGHT 2010: SD date on 19 January 2010 for "Integrated 3D Terrain Visualizer" (2010). Authors; **Ruzinoor Che Mat**, Abdul Rashid Mohamed Shariff, and Ahmad Rodzi Mahmud.
12. COPYRIGHT 2009: Abdul Rashid Mohamed Shariff, **Ruzinoor Che Mat**, dan Ahmad Rodzi Mahmud, "Development of 3D Web Based Terrain Visualizer", Copyright Universiti Putra Malaysia 2009.
13. COPYRIGHT 2008: Abdul Nasir Zulkifli, **Ruzinoor Che Mat**, Nur Fadziana Faisal Mohamed, dan Norani Nordin, "Computer Based Motorcycle Engine Diagnosis and Troubleshooting (MeDT) Trainer", Name of Owner of Copyright Universiti Utara

Malaysia 2008.

14. **Ruzinoor Che Mat** and Dr. Mahesh Visvalingam, "Evaluation of Silhouette Rendering Algorithms in Terrain Visualization", Master Thesis Online at <http://staf.uum.edu.my/ruzinoor/dissertation.htm> has been cited in United States Patent No. 7590219 for "Automatically determining a beam parameter for radiation treatment planning", publication date issued at 15 September 2009, Access online at <http://www.freepatentsonline.com/7590219.html>
15. **Ruzinoor Che Mat** and Dr. Mahesh Visvalingam, "Evaluation of Silhouette Rendering Algorithms in Terrain Visualization", Master Thesis Online at <http://staf.uum.edu.my/ruzinoor/dissertation.htm> has been cited in United State Patents Application No. US 20080013687A1 for "Automatically determining size or shape of a radiation beam", Publication dated issued at 17 January 2008, page 5, Access online at <http://www.freepatentsonline.com/y2008/0013687.html>
16. **Ruzinoor Che Mat** and Dr. Mahesh Visvalingam, "Evaluation of Silhouette Rendering Algorithms in Terrain Visualization", Master Thesis Online at <http://staf.uum.edu.my/ruzinoor/dissertation.htm> has been cited in World Intellectual Property Organization Pub. No. WO/2007/117646 for "Automatic selection of multiple collimators", Publication dated issued at 18 Nov 2007, Access online at <http://www.wipo.int/pctdb/en/wo.jsp?WO=2007117646&IA=US2007008656&DISPLAY=STATUS>

F. SERVICE TO THE UNIVERSITY/COMMUNITY

University

i. Administration

Bil	Activities	Duration
1.	Felo dan Perunding Pusat Inovasi dan Pengkomersilan UUM	1 January 2020 - 31 December 2020
2.	Felo dan Perunding Pusat Inovasi dan Pengkomersilan UUM	1 January 2018 - 31 December 2018
3.	Felo dan Perunding Northern Corridor Research Centre (NCRC) UUM	1 January 2017 - 31 December 2017
4.	Felo dan Perunding Pusat Inovasi dan Pengkomersilan UUM	1 August 2016 - 31 December 2017
5.	Panel penasihat Projek Gamifikasi dan Kandungan Digital Universiti	1 December 2016 - 31 December 2017
6.	Deputy Director at Uniutama Education & Consultancy Sdn. Bhd. (UECSB) as loaning	1 August 2015 - 31 December 2015
7.	Deputy Director of Collaboration Program UUM-IPTS Pusat Pendidikan Profesional dan Lanjutan.	1 January 2015 - 31 July 2015
8.	Deputy Director of Collaboration Program UUM-IPTS Pusat Pendidikan Profesional dan Lanjutan.	1 January 2014 - 31 December 2014
9.	Programme Manager of Pusat Pendidikan Profesional dan Lanjutan UUM.	1 January 2013 - 30 September 2013
10.	Deputy Director of Pusat Pendidikan Profesional dan Lanjutan UUM.	1 October 2013 - 31 December 2013

ii. University Committee

1. Committee member of "Penajaan bagi Program Asian Youth Indie Film Festival

- (AYIFF) 2018", 1 January 2018 - 1 October 2018.
2. Committee member of "Jawatankuasa Saringan Universiti" , 1 January 2017 - 31 December 2017.
3. Committee member of "Persidangan dan Ekspo Ciptaan Institusi Pengajian Tinggi Antarabangsa 2017 (PECIPTA '17)", 7 - 9 October 2017.
4. Committee member of "Jawatankuasa Program Wacana Muzik Tanahair Bersama Lagenda Dato' Dr. M. Nasir & Dato' Ramli Sarip" 2016.
5. Committee member of "Penajaan bagi Program Asian Youth Indie Film Festival (AYIFF)" 1 January 2016 - 7 October 2016.
6. Chairman of "Jawatankuasa Dialog Industri Kreatif sempena Program Asian Youth Indie Film Festival (AYIFF) " 1 January 2016 - 7 October 2016.

iii. College Committee

1. Committee member of "Pembangunan Modal Insan, Seminar, Latihan dan E-Learning" from 1 January 2017 until 31 December 2017.
2. Committee member of "Penyelidikan Perundingan dan Pengkomersilan" from 1 January 2017 until 31 December 2017.
3. Committee member of "Task force QS World University Ranking by Subject" from 1 January 2017 until 31 December 2017.
4. Chairman of "Jawatankuasa Penerbitan" from 1 January 2017 until 31 December 2017.
5. Chairman of "Kumpulan Inovatif dan Kreatif" from 1 January 2017 until 31 December 2017.
6. Chairman of "Unit Pengkomersilan" from 1 June 2016 until 31 December 2016.
7. Chairman of "Jawatankuasa Kualiti Jabatan (JQJ) Pusat Pendidikan Profesional dan Lanjutan" from 1 June 2015 until 31 December 2016.
8. Chairman of "Jawatankuasa Kualiti Jabatan (JQJ) Pusat Pendidikan Profesional dan Lanjutan" from 1 September 2014 until 31 August 2016.
9. Committee member of "Jawatankuasa Kualiti, Strategik, dan Akreditasi Pusat Pengajian Teknologi Multimedia dan Komunikasi (SMMTC)" from 1 January 2016 until 31 December 2016.
10. Committee member of "Jawatankuasa Bengkel dan Wacana bagi Program Konsert Ramli Sarip dan M.Nasir 2016 Pusat Pengajian Teknologi Multimedia dan Komunikasi (SMMTC)" from 21 March 2016 until 8 May 2016.
11. Committee member of "Jawatankuasa Pembangunan Modal Insan Pusat Pengajian Teknologi Multimedia dan Komunikasi (SMMTC)" from 1 January 2015 until 31 December 2015.
12. Committee member of "Jawatankuasa Penyelidikan, Perundingan dan Penerbitan SMMTC" from 1 January 2015 until 31 December 2015.
13. Head of "Jawatankuasa Kertas Kerja dan Prosiding for Creative Industry International Conference (CIIC2015)" from 10 July 2014 until 31 Mei 2015.
14. Committee member of "Jawatankuasa Unit Pengkomersilan Pusat Pengajian Teknologi Multimedia dan Komunikasi (SMMTC)" from 1 January 2014 until 31 December 2014.
15. Committee member of "Laman Sesawang Pusat Pengajian Teknologi Multimedia dan Komunikasi (SMMTC)" from 1 January 2014 until 31 December 2014.
16. Committee member of "Jawatankuasa Penyelidikan, Perundingan dan Penerbitan Pusat Pengajian Teknologi Multimedia dan Komunikasi (SMMTC)" from 1 January 2014 until 31 December 2014.
17. Committee member of "Jawatankuasa Pembangunan Modal Insan Pusat Pengajian Teknologi Multimedia dan Komunikasi (SMMTC)" from 1 January 2014 until 31 December 2014.
18. Committee member of "Jawatankuasa Unit Pengkomersilan Pusat Pengajian Teknologi Multimedia dan Komunikasi (SMMTC)" from 1 Mac 2013 until 31 December 2013.
19. Committee member of "Jawatankuasa Laman Sesawang Pusat Pengajian Teknologi Multimedia dan Komunikasi (SMMTC)" from 1 Mac 2013 until 31 December 2013.

20. Committee member of "Jawatankuasa Pembangunan Modal Insan Pusat Pengajian Teknologi Multimedia dan Komunikasi (SMMTC)" from 1 Mac 2013 until 31 December 2013.
21. Committee member of "Jawatankuasa Penggubalan Program Baharu Masters in Multimedia Journalism and Masters in Visual Communication Pusat Pengajian Teknologi Multimedia dan Komunikasi (SMMTC)".
22. Committee member of "Jawatankuasa SMMTC Week Semester A112 Pusat Pengajian Teknologi Multimedia dan Komunikasi (SMMTC)".
23. Committee member of "Jawatankuasa Laman Sesawang Pusat Pengajian Teknologi Multimedia dan Komunikasi (SMMTC)" from 1 July 2012 until 31 December 2012.
24. Committee member of "Jawatankuasa Pembangunan Modal Insan Pusat Pengajian Teknologi Multimedia dan Komunikasi (SMMTC)" from 1 July 2012 until 31 December 2012.

Community

Bil	Activities	Venue	Dates
1.	YDP Persatuan Ibu Bapa dan Guru, Pusat Pendidikan Al-Azhar (PPAZ)	Pusat Pendidikan Al-Azhar	2013- now
2.	President Malaysian Remote Sensing and GIS Society Student Chapter (MRSGISSC) di Universiti Putra Malaysia Sessi Sem I 2009/2010. http://spatial.upm.edu.my/mrsgissc/	UPM	2010
3.	Giving a speech as a President of MRSGISSC at "Hari GIS UPM 2010"	Auditorium Jurutera, Faculty of Engineering UPM	4 Mac 2010
4.	Preparing Press Release for "GIS Day 2010" at Engineering Auditorium, Faculty of Engineering, UPM	Faculty of Engineering, UPM	4 March 2010
5.	Head of "Sumbangan Hari Raya dari Waris kepada Guru Pusat Pendidikan Al-Azhar".	Pusat Pendidikan Al-Azhar	7 July 2014
6.	Head of "Sumbangan Sempena Sambutan Hari Guru Pusat Pendidikan Al-Azhar bagi Tahun 2015".	Pusat Pendidikan Al-Azhar	5 May 2015
7.	Poster Judge at Innovative Research, Invention and Application (I-RIA) EXPO 2015	Foyer Perpustakaan Sultanah Bahiyah UUM	1-2 Jun 2015
8.	Poster Judge at Innovative Research, Invention and Application (I-RIA) EXPO 2014	Foyer Perpustakaan Sultanah Bahiyah UUM	25 Mei 2014
9.	Tenis player for Nurul Huda Team at "Sukan Staf Universiti 2013"	Pusat Sukan UUM	14 February 2013
10.	Tenis player for Nurul Huda Team at "Sukan Staf Universiti 2014"	Pusat Sukan UUM	7 Mei 2014
11.	Tenis player for Nurul Huda Team at "Sukan Staf Universiti 2015"	Pusat Sukan UUM	28 Mei 2015
12.	Volleyball player for Nurul Huda Team at "Sukan Staf Universiti 2014"	Pusat Sukan UUM	17 April 2014
13.	Larian merentas kampus for Nurul Huda Team at "Sukan Staf Universiti 2017"	Pusat Sukan UUM	April 2017

14.	Poster Judge at Innovative Research, Invention and Application (I-RIA) EXPO 2017	Dewan MAS UUM	8-9 May 2017
15.	Fasilitator Program I Am Ready (1MRyd) 2017, Sesi A162	UUM	6 Mei 2017
16.	Fasilitator Program I Am Ready (1MRyd) 2017, Sesi A171	UUM	2 Dec 2017
17.	Fasilitator Program I Am Ready (1MRyd) 2017, Sesi A171	UUM	9 December 2017
18.	Program Aplikasi Perhubungan Awam oleh Pelajar BCIM PJJ KL	UUM KL	14-16 July 2017
19.	Program Khidmat Masyarakat di Kampung Sungai Petani, Changlun, Kedah	Kampung Sungai Petani, Changlun, Kedah	March 2017

E. REFERENCE

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School of Creative Industry Management and Performing Arts
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06010 UUM Sintok,
Kedah.

My Profile Available at:

<https://scholar.google.com.my/citations?user=b5xkmSEAAAAJ>
https://www.researchgate.net/profile/Ruzinoor_Che_Mat_PhD
<https://portal.uum.edu.my/DOE/DisplayDOE.aspx>
<http://www.researcherid.com/rid/F-6607-2011>