

## CURRICULUM VITAE



<b>I. PERSONAL PARTICULARS</b>			
<b>Name</b>	Zulkifly bin Mat Radzi		
<b>Faculty / Department</b>	Professor (VK7) Faculty of Defence Science and Technology Department of Defence Science and Technology		
<b>Current Position</b>	Director Maritime Research and Excellence Centre (MAREC)		
<b>II. ACADEMIC AND PROFESSIONAL QUALIFICATIONS</b>			
(Please list all academic qualifications, from your first degree, in chronological order)			
Year	Degree	Discipline	University
1991 – 1992	Diploma	Strategy and Defence	Universiti Kebangsaan Malaysia
1996 – 1997	Diploma	Defence and Security	Universiti Malaya
1998 – 1999	Master	Management	Universiti Malaya
2008 – 2014	PhD	Education	UPNM
<b>III. TITLES OF POSTGRADUATE THESES WRITTEN (At MSc/PhD Level)</b>			
No.	TITLES OF POSTGRADUATE THESIS		
1.	Master degree thesis on Occupational Safety and Health Hazard for Armed Forces Personnel: Thesis for Master Programme, UM (1999)		
2.	PhD thesis on Naval Cadet Officers Training Module Based on Simulation Technology, UPNM (2014)		

<b>IV. WORK EXPERIENCE</b> (Please list your relevant experience in chronological order)			
<b>No.</b>	<b>Position</b>	<b>Organisation</b>	<b>Start and End Date</b>
1.	Commission into Royal Malaysian Navy with the rank of Acting Sub-Lieutenant	RMN, Woodlands, Singapore	1978
2.	Promoted to rank sub-Lieutenant	RMN, Woodlands, Singapore	1979 - 1980
3.	Navigation Officer	His Majesty Ship JERONG RMN, Woodlands, Singapore	1980 - 1981
4.	Staff Officer Grade 3 Organisation	Naval Head Quarter, Ministry of Defence, Kuala Lumpur	1981 - 1983
5.	Commanding Officer	His Majesty Ship SRI TERENGGANU RMN, Lumut, Perak	1983 - 1984
6.	Special Task Officer	KD PELANDOK, Training Centre of RMN, Lumut, Perak	1984
7.	Navigation Officer	His Majesty Ship KASTURI RMN, Lumut, Perak	1984 - 1986
8.	Promoted to rank Lieutenant Commander RMN	RMN, Lumut, Perak	1987
9.	Fleet Operation Officer	Fleet Operation Commander RMN, Lumut, Perak	1987 - 1989
10.	Commanding Officer	His Majesty Ship GEMPITA RMN, Lumut, Perak	1995 - 1996
11.	Staff Officer, Plan and Development	Naval Head Quarter, Ministry of Defence, Kuala Lumpur	1996 - 1997
12.	Staff Officer Organisation	Naval Head Quarter, Ministry of Defence, Kuala Lumpur	1997 - 1998
13.	Lecturer Grade DS45	ATMA, Sungai Besi, Kuala Lumpur	1998 - 2003
14.	Promoted to rank Captain RMN	ATMA, Sungai Besi, Kuala Lumpur	2003
15.	Senior Lecturer DS52	ATMA, Sungai Besi, Kuala Lumpur	2006
16.	Leave the service of RMN	ATMA, Sungai Besi, Kuala Lumpur	2008
17.	Associate Professor DS53	Dean of Faculty Defence Science and Technology, UPNM, Sungai Besi, Kuala Lumpur	2008 - 2012
18.	Chief Operation Officer	Maritime Training and Development Centre, UPNM, Sungai Besi, Kuala Lumpur	2012 - 2014

19.	Associate Professor (DS53)	Dean of Faculty Defence Science and Technology, UPNM, Sungai Besi, Kuala Lumpur	2014 - 2016
20.	Professor VK7	Dean of Faculty Defence Science and Technology, UPNM, Sungai Besi, Kuala Lumpur	2016 – 2018
21.	Professor VK7	Director of Maritime Research and Excellence Centre (MAREC), UPNM, Sungai Besi Camp, Kuala Lumpur, Malaysia	1 Jan 2018 – 14 Jun 2025

## 1.0 TEACHING AND SUPERVISION

### 1.1 First Degree Courses

(Please list in chronological order and state: course title, semester and year)

#### 1.2.1 Teaching undergraduate courses in Bachelor Degree in Nautical Science at Malaysia Military Academy – UTM

No.	Course Title	Semester	Year
1.	Maritime Communication (SZB 1123)	Semester 2	1999 – 2005
2.	Maritime Communication Lab (SZB 1121)	Semester 2	1999 – 2005
3.	Nautical Law (SZB 1252)	Semester 1	1999 – 2005
4.	General Navigation (SZB 1233)	Semester 1	1999 – 2005
5.	General Navigation Lab (SZB 1231)	Semester 1	1999 – 2005
6.	Chart Work and Relative Velocity (SZB 2153)	Semester 2	1999 – 2005
7.	Chart Work and Relative Velocity Lab (SZB 2151)	Semester 2	1999 – 2005
8.	Management Theory and Practice (SZB 3142)	Semester 1	1999 – 2005
9.	Bachelor Degree Project (Proposal) – (SZB 3182)	Semester 1	1999 – 2005
10.	Bachelor Degree Project (Report) – (SZB 3184)	Semester 2	1999 – 2005

#### 1.2.2 Teaching undergraduate courses in Bachelor Degree in Maritime Technology - UPNM

No	Courses Title	Semester	Year
1.	Maritime Communication (TMT 1243)	Semester 2	2006 – now
2.	Maritime Communication Lab (TMT 1241)	Semester 2	2006 – now
3.	Navigation Science II (TMT 2153)	Semester 1	2006 – now

4.	Navigation Science II Lab (TMT 2151)	Semester 1	2006 – now
5.	Nautical Law (TMT 2152)	Semester 1	2006 – now
6.	Industrial Training – (TMT 2208)	Semester 2	2006 – now
7.	Industrial Training Report – (TMT 2204)	Semester 2	2006 – now
8.	Bachelor Project I (Proposal) – (TMT 3102)	Semester 1	2006 – now
9.	Bachelor Project II (Report) – (TMT 3204)	Semester 1	2006 – now
10.	Ship Technology (TMA 4323) – Master in Maritime Technology	Semester 1	2020 – now
11.	Maritime Safety and Security (TMA 4343) – Master in Maritime Technology	Semester 2	2020 – now

## 1.2 PhD Supervision

(Please list in chronological order)

No.	Name of Student	Project Title	Date of Registration	Role (Main / Co-Supervision)	Status • Completed • Submitted • In Progress	University
1.	Ibrahim bin Yasir	The Development of Restricted Map for Artillery Firing on Malaysian Terrain	2014	Main Supervisor	Completed with Viva 2019	UPNM
2.	Mahendra A/L K. Sekaran Nair	Spare Part Management Model for The Maintenance of The Malaysian Army Capital Assets	2016	Main Supervisor	Completed with Viva 2020	UPNM
3.	Kamarul Azhar bin Kamarudin	Kesan Kombinasi Aktiviti Permainan Kecil Terhadap Perkembangan Motor Kasar Kanak-Kanak Sekolah Rendah	2017	Main Supervisor	Viva 2021	UPNM

4.	Baharuddin bin Ismail	The Mechanism to Provide Security for Off Shore Platforms at Malaysian Coast	2014	Main Supervisor	In progress	UPNM
5.	Hamzan bin Abd Jamil	Military Capability Sustainance: Providing Effective through Life Supports	2019	Co-Supervisor	In progress	UPNM
6.	Farizha bin Ibrahim	Faktor manusia dalam Reka Bentuk dan Operasi Kapal Skuadron Peronda Laju Ke-6	2020	Co-Supervisor	In progress	UPNM

### 1.3 PhD External/Internal Examination

(Please list in chronological order)

No.	Name of Student	Project Title	External / Internal	Date of Viva	University
1.	Norliza Hussein	Forecasting of Malaysia Armed Forces Joint Fire Support Capabilities	Chairman of Viva	2016 (PhD)	UPNM
2.	Al-Shafiq bin Abdul Wahid	Ship Availability-Oriented Contract Management Model for In-Service Support Contracts of Naval Vessels	External Examiner	July 2018 (PhD)	UTM
3.	Ridzuan Buyong	Comparison Practicality and Effectively Quantitative Risk	External Examiner	July 2021 (PhD)	UTM

		Assessment for Oil and Gas Offshore Installation			
4.	Mohamad Abu Ubaidah Amir bin Abu Zarim	Numerical Simulation and Hydrodynamics: Shipborne Helicopter Crash at Sea	External Jury PhD	16 <sup>th</sup> Sept 2021	ECN, France
5.	Roshamida bt. Abd Jamil	Optimization of the Capacity Factor for Offshore Wind Energy Conversion Using Weather-Routing	External Jury PhD	17 Jan 2022	ECN, France

#### 1.4 MSc (by Research)

(Please list in chronological order)

No.	Name of Student	Project Title	Date of Registration	Role (Main / Co-Supervision)	Status • Completed • Submitted • In Progress	University
1.	Ahmad Aliff bin Anuar Mokhtar	Impact and Effectiveness of Modular Construction Shipbuilding in Malaysia's Shipyard	2016	Co-Supervision	Completed	UPNM
2.	Lt Mohd Iqbal bin Jamaludin TLDM	UAV Scan Eagle Capability for RMN Surveillance Operation	2022	Main Supervisor	Completed	UPNM
3.	Mohamad Azrin bin Abd Azis	Operational Adaptability for Warship at South China Sea	2022	Main Supervisor	Completed	UPNM
4.	Lt Muhammad Hanif Dihani bin Mohd Zaidi TLDM	Feasibility Study on Electro-Optical Sensor onboard Fast Interceptor Craft	2022	Main Supervisor	Completed	UPNM

5.	Lt Hafizuddin bin Zaa'ba TLDM	Study on South Ledge Dispute: Affirmation of Malaysia Claim Using UNCLOS 1982	2022	Main Supervisor	Completed	UPNM
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### 1.5 MSc External/Internal Examination

(Please list in chronological order)

No.	Name of Student	Project Title	External / Internal	Date of Viva	University
1.	Siti Nur Alidda binti Mohd. Ghazali	A Framework for Command and Control for Maritime Search and Rescue Operations Using Unmanned Aerial Vehicles in Formation	Chairman Viva	2015	UPNM
2.	Lt Kol Kamal bin Kassim	Pemilihan Pesawat Tanpa Pemandu (UAV) Jenis Fix Wing bagi Kegunaan Perisikan Strategik Berasaskan Kaedah Analisa Matrik	Chairman Viva	2015	UPNM
3.	Wan Nur Syazana binti Wan Zulkifli	Gordon's Method in Solving 2-Dimensional For Three Kinematic Chains Arm in the Field of Shooting	Chairman Viva	2015	UPNM
4.	Mej Hasmady bin Alim	Keberkesanan Organisasi ESSCOM Sebagai Faktor Mempengaruhi Peningkatan Kerjasama Pasukan Keselamatan dan Agensi Penguatkuasaan di ESSZONE	Chairman Viva	2016	UPNM
5.	Mej Muhammad Khidir bin Daud	Penggunaan Pengaturcaraan Goal Bagi Meningkatkan Kesiagaan Fleet Kenderaan Jenis A (KJA) Adnan	Chairman Viva	2016	UPNM

6.	Daarulmuqaamah binti Masaud	Estimation of Exhaust Emissions For A Patrol Ship of Malaysian Maritime Enforcement Agency	Chairman Viva	2016	UPNM
7.	Mej Mohd Sufian bin Mamat	Kajian Keberkesanan Latihan Tentera Bersama ATM	Chairman Viva	2016	UPNM
8.	Mej Norzaini bin Ismail	Faktor Kesiagaan Anggota Tentera untuk Menjadi Sistem Tentera Masa Depan ( <i>Future Soldier System</i> )	Chairman Viva	2016	UPNM
9.	Mej Abdul Rashid bin Hassan	Kajian Keberkesanan Senggaraan Peralatan Komunikasi Tentera Darat	Chairman Viva	2016	UPNM
10.	Lim Yan Yik	Properties of Low Brass Filler Polymer Reinforced Material for Fabricating Articular Cartilage Scaffold	Chairman Viva	2021	UPNM
11.	Kon Wai Kok	Human Workforce Sustainability Towards the Artificial Intelligence in Automated Container Terminal	External Examiner	2022	UMT

### 1.6 Supervision (Postgraduate Research Project or Final Year Research Project)

(Please list in chronological order)

No.	Name of Student	Project Title	Date of Registration	Role (Main/Co-Supervision)	Status • Completed • Submitted • In Progress
1.	Syed Muhammad Shafiq bin Syed Husni	Analisa Penggunaan Elektro-optik di Kapal-Kapal TLDM.	2005	Main Supervisor	Completed
2.	Mohd Rizaudin bin Abd Rani	Penggunaan. Pesawat Udara untuk Pengukuran Hidrografi TLDM.	2005	Main Supervisor	Completed
3.	Anuar bin Asis.	Sistem Anjungan Bersepadu untuk Kapal-Kapal TLDM.	2005	Main Supervisor	Completed



4.	Mohd Rozi bin Ab Rahman.	Peningkatan Sistem Peperangan Periukapi untuk Skuadron Penangkis Periukapi ke 26.	2005	Main Supervisor	Completed
5.	Ahmad Saiful Fadli bin Jaharuddin.	Pengukuran Hidrografi Menggunakan Kaedah Penderiaan Jauh.	2005	Main Supervisor	Completed
6.	Mohd Hazamri bin Hassan.	Penggunaan Pesawat Udara dalam Peperangan Periukapi.	2005	Main Supervisor	Completed
7.	Mohd Asyraff bin Abd Razak.	Penilaian Program Ijazah Sarjana Muda Sains (Nautika) untuk Pegawai Eksekutif TLDM.	2006	Main Supervisor	Completed
8.	Mohd Firdaus bin Abdul Rahim@Azmi.	Penggunaan Satelit bagi Mengesan Pencemaran Tumpahan Minyak di Laut.	2006	Main Supervisor	Completed
9.	Ariff Firdaus bin Anasipudin.	Sistem Amaran Awal Bencana Tsunami untuk Negara Malaysia.	2006	Main Supervisor	Completed
10.	Mu'adz bin Isa.	Penggunaan Sistem Pengenalan Positif di Perairan Malaysia	2006	Main Supervisor	Completed
11.	Wrighton Buan a/k Kassy.	Kehilangan Kapal di Laut : Kajian Kes KD SRI PERAK.	2007	Main Supervisor	Completed
12.	Izhar bin Mat Isa.	Analisis Penganugerahan Sijil Awasan Anjungan Kapal-Kapal TLDM.	2007	Main Supervisor	Completed
13.	Muhamad Fahmi bin Hassan.	Perbandingan Perbezaan Carta Kertas dan Carta Elektronik dalam	2007	Main Supervisor	Completed

		Pembelajaran Navigasi.			
14.	Ahmad Nizam bin Ahmad Rusli.	Pembangunan Keselamatan Navigasi di Selat Melaka.	2007	Main Supervisor	Completed
15.	Mohamad Aisar bin Harun.	Implikasi Penggunaan ECDIS di Kapal-Kapal TLDM.	2008	Main Supervisor	Completed
16.	Mohd Lokman bin Bajuri.	Selat Melaka : Projek Mendalam dan Melebarkan Kawasan Lalu Lintas di Permatang Sedepa.	2008	Main Supervisor	Completed
17.	Mohd Rozaimi bin Mahmod.	Kesesuaian Latihan Asas Pegawai TLDM untuk Pengiktirafan Jabatan Laut dan IMO.	2008	Main Supervisor	Completed
18.	Mohd Shafizul bin Md Suaimi.	Keberkesanan Skim Pemisah Trafik (SPT) di Selat Melaka.	2008	Main Supervisor	Completed
19.	Muhammed Syaiful Hanif bin Jamaludin.	Tahap Keselamatan Sistem Navigasi di Selat Dinding dan Laluan Perkapalan Sekitar Perairan Pulau Pangkor.	2008	Main Supervisor	Completed
20.	Mohd Zaidi bin Mishan.	Pembelajaran Kerja Carta (Chart Work) Menggunakan Konsep <i>e-learning</i> .	2008	Main Supervisor	Completed
21.	Ahmad Ridzwan bin Mohd Nordin.	Untuk Pengajaran dan Pembelajaran Had Laju Relatif.	2010	Main Supervisor	Completed
22.	Azri bin Bakar	<i>E-Pembelajaran</i> : Komunikasi Visual.	2010	Main Supervisor	Completed
23.	Nazatul Shiena binti Mohd Kamarulzaman.	Modul Latihan Industri Pelajar Awam Program Ijazah	2010	Main Supervisor	Completed

		Sarjana Muda Teknologi Maritim.			
24.	Kamal Iqram bin Ismail.	Mengoptimumkan Penggunaan <i>Super Lynx</i> TLDM dalam Peperangan Periukapi.	2010	Main Supervisor	Completed
25.	Mohd Alif bin Subandi.	Kesesuaian Penggunaan <i>Global Navigation Satellite System</i> untuk Armada TLDM.	2010	Main Supervisor	Completed
26.	Mohd Hafiz bin Azami.	Cadangan Modul Latihan Pusat Latihan Kepelautan UPNM.	2010	Main Supervisor	Completed
27.	Mohd Tajuzzaman bin Badrul Hisham.	Keberkesanan Kompas Magnetik Sebagai Alat Navigasi Sekunder di KD SRI INDERAPURA.	2010	Main Supervisor	Completed
28.	Tengku Muhammad Faezal bin Engku Din.	<i>E-Learning</i> : Manuvera Taktikal.	2010	Main Supervisor	Completed
29.	Azharuddin bin Mohamed Nurin.	Keberkesanan WASPADA sebagai Pusat Latihan Navigasi TLDM.	2010	Main Supervisor	Completed
30.	Mohamad Shazrul Izwan bin Mihad.	Prestasi PKK Teknologi Maritim dalam Aspek Kemahiran Navigasi. Pegawai Bertugas Anjungan dan PBH.	2010	Main Supervisor	Completed
31.	Harez Ezaidin bin Hussain.	Keberkesanan Simulator Anjungan Kapal dalam Membentuk Kepimpinan Pegawai Kadet Tentera Laut.	2010	Main Supervisor	Completed
32.	Mohd Fazlie bin Mohd Zuber.	Perbandingan Penggunaan Simulator Kapal di UPNM dan WASPADA.	2010	Main Supervisor	Completed
33.	Mohd Ikhwan bin Mohd Noor.	Simulator Anjungan Kapal bagi	2010	Main Supervisor	Completed

		Meningkatkan <i>Domain Psychomotor</i> Sains Navigasi.			
34.	Mohd Massuoadi bin Mohd Zukri. <i>E-Learning</i> :	Pengajaran dan Pembelajaran Manuvera Taktikal.	2010	Main Supervisor	Completed
35.	Muhammad Helmi As Suhaimi bin Zakaraya.	Penilaian Prestasi Graduan UPNM Cawangan Eksekutif Pengambilan 2003.	2010	Main Supervisor	Completed
36.	Nik Mohd Hafizudin bin Mohd Zuhdi.	Modul Membuat Keputusan di Simulator Anjungan untuk Pegawai Kadet Tentera Laut.	2011	Main Supervisor	Completed
37.	Iznan bin Che Awang.	Modul Kepimpinan di Simulator Anjungan untuk Pegawai Kadet Tentera Laut.	2011	Main Supervisor	Completed
38.	Muhammad Tarmizi bin Mohd Baki.	Modul Latihan Bekerja dalam Satu Pasukan di Simulator Anjungan untuk Pegawai Kadet Tentera Laut.	2011	Main Supervisor	Completed
39.	Mohd Zulhafiz bin Mohd Zin.	Modul Latihan di Simulator Anjungan bagi Membentuk Moral dan Etika Pegawai Kadet Tentera Laut.	2011	Main Supervisor	Completed
40.	Mohd Shafriezmi bin Mohd Shafie.	Modul Kemahiran Berkomunikasi di Simulator Anjungan Meningkatkan Keupayaan Berkomunikasi Pegawai Kadet Tentera Laut.	2011	Main Supervisor	Completed
41.	Muhamad Azrul bin Abu Bakar.	Perbandingan Prestasi Antara PKK Pengambilan 2006 dengan PKK Pengambilan 2007 dalam Latihan Industri di Kapal TLDM.	2011	Main Supervisor	Completed
42.	Muhammad Firdaus bin Mohd Zulhairi.	Penambahan Kapal Bantuan Logistik bagi Membantu	2011	Main Supervisor	Completed

		Pemindahan Batalion ke 3 RAMD ke Kem Lok Kawi.			
43.	Nurhazirah binti Mahyudin.	Analisa Program Ijazah Sarjana Muda Sians Nautika dan Pengangkutan di UMT.	2011	Main Supervisor	Completed
44.	Nurul Adila Sabrina binti Mohd Saiful.	Keupayaan APMM dalam Mengatasi Kegiatan Jenayah di Perairan Johor.	2011	Main Supervisor	Completed
45.	Wan Husni bin Wan Abdullah Fadzil.	Keupayaan Bot Kelas Kilat (RHIB) APMM dalam Menangani Penyeludupan di Kawasan Perairan Cetek.	2011	Main Supervisor	Completed
46.	Mohd Hafizzuddin bin Noor Mohammad.	Penggunaan Laser bagi Pengukuran Kedalaman Air di Laut.	2011	Main Supervisor	Completed
47.	Mohd Farhan bin Khairul Anuar.	Keberkesanan dan kelengkapan modul simulator di UPNM.	2014	Main Supervisor	Completed
48.	Muhammad Adam Fauzi bin Abu Bakar.	Modul Pembelajaran Bagi Mendapatkan COC : Modul Simulator ARPA.	2014	Main Supervisor	Completed
49.	Nur Afiqah binti Rosly.	Keperluan Penambahan Alat Bantuan Navigasi di One Fathom Bank Bagi Mengurangkan Risiko Kemalangan.	2014	Main Supervisor	Completed
50.	Muhammad Riduan bin Abu Bakar.	Tahap Penguasaan Bahasa Inggeris Pegawai Kadet Sarjana Muda Teknologi Maritim.	2014	Main Supervisor	Completed
51.	Adenen Shuhada binti Abdul Aziz.	Kesan Pembinaan Jambatan Sumatera – Malaysia Merentasi Selat Melaka Terhadap Kelancaran Pelayaran Kapal.	2014	Main Supervisor	Completed

52.	Pkdt Luqman Hanis bin Ishak TLDM	Keupayaan Simulator Pandu Arah dalam Membantu PKK Membuat Persiapan LI	2016	Main Supervisor	Completed
53.	Pkdt Noor Alif bin Mohamed Jaib TLDM	Penggunaan Sistem Carta dan Informasi Elektronik untuk Navigasi Kapal TLDM	2016	Main Supervisor	Completed
54.	Pkdt Ahmad Danial Shukri bin Sabri TLDM	Penggunaan Pelorus Di Simulator Anjungan Di UPNM bagi Melatih Pegawai Kadet Kanan dalam Kemahiran Pandu Arah Navigasi Visual	2016	Main Supervisor	Completed
55.	Pkdt Ibrahim bin Hubaidillah TLDM	Penggunaan Simulator untuk Menguji Pegawai Kadet bagi Mencapai Kemahiran Komunikasi Semasa Penugasan Di Anjungan Kapal	2016		Completed
56.	Pkdt Manojnath A/L Krishna Murthi	Safety of navigation in coral region in Malawali channel	2018	Main Supervisor	Completed
57.	Pkdt Muhammad Iqbal bin Ismail	Keberkesanan alat bantuan navigasi untuk pelayaran kapal di Selat Melaka	2018	Main Supervisor	Completed
58.	Pkdt Ananda Kumar A/L Nadarajan	Effectiveness of visual pilotage navigation at Singapore Strait	2018	Main Supervisor	Completed
59.	Pdkt Amirul Fizri bin Abdul Rahman	Kepentingan kapal jenis littoral Combat Ship (LCS) kepada Perairan Malaysia	2018	Main Supervisor	Completed
60.	Pkdt Ameerul Farhan bin Mohamad Noor	Melaka Street Sea Petrol model to combat threat in Sulu Sea	2018	Main Supervisor	Completed
61.	Pkdt Wan Aminuddin bin Wan Derahman	Littoral Mission Ship (LMS) sebagai kapal pelbagai misi dalam operasi maritim	2019	Main Supervisor	Completed
62.	Balqish Saidatunisa binti Zuraimiee	The effeciveness of International Safety Management Codes in	2019	Main Supervisor	Completed

		compliance by Malaysian Shipping Companies			
63.	Pkdt Amran Afieq bin Amran	Cadangan pemasangan laser gun dan kapal TLDM	2020	Main Supervisor	Completed
64.	Pkdt Mohamad Alif Najmi bin Zahari	Cadangan pemasangan railgun pada kapal TLDM	2020	Main Supervisor	Completed
65.	Pkdt Syukri bin Basri	Keberkesanan TLDM dalam membantu ESSCOM menjaga perairan Pantai Timur Laut Sabah	2020	Main Supervisor	Completed
66.	Pkdt Muhammad Akmal Fitri bin Kassim	Mengkaji kestabilan kapal kontena terhadap geombang laut	2020	Main Supervisor	Completed
67.	Mej. Norhafizah binti Gulam Rasul	South China Sea Conflicts US – China Contention and the Impacts towards ASEAN	2021	Main Supervisor	Completed
68.	Mej. Chua Ray Han	Maritime Security Challenges in Sulu-Celebes Sea and the Mitigating Factor by Sub-regional States	2021	Main Supervisor	Completed

## 2.0 RESEARCH, PUBLICATION AND PRESENTATION

### 2.1 Research Projects

(Please list in chronological order and state: title, list of researchers, grant/year, source/amount and status)

No.	Title	List of Researchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
1.	Naval Fleet Work Training Simulator	Principle	Mar 2009 - Dec 2010	RM140,000.00	Completed in collaboration with Altriz Technology Sdn Bhd

No.	Title	List of Researchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
2.	Effect of Ionosphere on the High Frequency Radio Transmission	Principle	Feb 2010 - Sep 2012	RM11,000.00	Completed
3.	Development of a Search and Rescue Tactical Management System – Proto-type	Member	June 2012 – Jan 2015	RM234,000.00	Completed
4.	LAKSANA Module	Principle	Jun 2016	Self-Fund	Completed
5.	Navigation Data for Warship Frigate	Principle	1 Jul 2018 – 31 Jul 2019	Self-Fund	Completed
6.	Wave Energy Converter – Risk Management	Principle	Jun 2018 – 31 Mei 2022	KeTSA RM 43,000.00	Completed
7.	Understanding the Effect of Brain State on Navy Cadets' Performance during Navigation Task in Ship Bridge Simulators	Member	01 Sept 2022 – 31 Ogos 2024	FRGS RM 90,000.00	In progress

## 2.2 Publications

### 2.2.1 Academic Journal

(Please list in chronological order and state: authors, year, title, publisher/journal, volume and number of pages (Please bold your name))

No.	Authors, year, title, publisher/journal/conference, volume and number of pages	Type of Journal • ISI • Scopus • Peer-reviewed
1.	<b>Zulkifly M.R</b> , Afize Shukran (2013). The Psychomotor and Affective Learning in Navigation Science Using Simulation Technology. Australian Journal of Basic Applied Science, 7(4), 409-414. Impact Factor 0.425	ISI
2.	<b>Zulkifly M.R</b> , Mohd Afizi Shukran, Muhammad Shaffe Ishak (2015) Using New Learning Theory in Maritime Education, Journal of Scientific Research and Development, 2 (11) : 57-62. Impact Factor 1.69	ISI



3.	Roshamida A.J, Mohamad Abu Ubaidah Amir, <b>Zulkifly M.R</b> (2016). Risk Assessment of Dry Bulk Cargo Operations Using Analytic Hierarchy Process (AHP) Method. 2016 International Conference on Information and Communication Technology (ICICTM), 2016, Kuala Lumpur, Malaysia.	ISI
4.	Mohamad Abu Ubaidah Amir, Al Shafiq Abdul Wahid, Harvey Appelbe, Halim Abdul Aziz, Mohd Arif Ahmad, Hardy Azmir, Roshamida Abd Jamil, <b>Zulkifly Mat Radzi</b> (2016). Optimal Specification of Wave Flume in Confined Space. 2016 International Conference on Information and Communication Technology (ICICTM), 2016, Kuala Lumpur, Malaysia.	ISI
5.	Sarah Isnan, A. Hardy, Wan Baderul Hisan, Mohamad Abu Ubaidah Amir, Mohd Norsyarizad Razali, M.N. Azzeri, Mohd Arif Ahmad, <b>Zulkifly M.R</b> , Afiqah Rosly, Ainul Rahman, Adenen Aziz, Siti Nur Muhamad (2018). The Influence of RTK GNSS Antenna Heights on Multipath Error, 2 <sup>nd</sup> International Conference on Information & Communication Technology (ICICTM) 2018, Kuala Lumpur, Malaysia. International Journal of Engineering & Technology (IJET – 21966)	Scopus
6.	Mahendra Sekaran Nair, <b>Zulkifly Mat Radzi</b> , Hassan Muhamad, Wong Wai Loong (2020). Malaysian Army Vehicle Maintenance System, Issues and Way Forward. Journal of Critical Review, Accepted for Publication.	Scopus
7.	<b>Zulkifly M. R.</b> , Tang Jut Weng, Adenen Aziz (2021). Creation of Ship's Navigation Data Using Simulation Technology for Training Module. ToMS Vol 10. No.2 October 2021.	Scopus
8.	Sarah Isnan, <b>Zulkifly M. R.</b> , Nur Hazimah, Ainul Husna, Afiqah Rosli (2021). Application of GIS: Maritime Accident Analysis in Malaysian Waters Using Kernel Density Function. ToMS Vol 10. No.2 October 2021.	Scopus
9.	Mohammad Asraf, <b>Zulkifly M. R.</b> , Noh Zainal Abidin (2021). Risk Assessment of Wave Energy Converter at Kuantan Port, Pahang. ToMS Vol 10. No.2 October 2021.	Scopus
10.	Farizha Ibrahim, Mohamad Abu Ubaidah Amir Abu Zarim, Mohd Norsyarizad Razali, <b>Zulkifly Mat Radzi</b> , Noh Zainal Abidin, Mohd Arif Ahmad. Analysis of Ship Motion Onboard a Vessel X During Navigation And Manoeuvres.	Scopus
11.	Noh Zainal Abidin, <b>Zulkifly Mat Radzi</b> . The Investigation on Heat Radiated In The Patrol Vessel's Main Engine Enclosure	Scopus

### 2.2.2 Book/Chapter in Book:

(Please list in chronological order and state: authors, year, title, publisher, volume and number of pages  
(Please bold your name)

No.	Authors, year, title, publisher, volume and number of pages (Please bold your name)	Level • International • National • University
1.	<b>Zulkifly M.R</b> (2008) Science and Technology Encyclopaedia for Compass, Bearing and Light House, Kuala Lumpur : UTM/ DBP	National
2.	<b>Zulkifly M.R</b> (2011) Chapter in the book of The Direction of Maritime and Marine Science, Education and Training in Malaysia, Putrajaya : MOHE	National
3.	<b>Zulkifly M.R</b> (2016) Pembangunan Modul Psikomotor dan Afektif Menggunakan Teknologi Simulator, Kuala Lumpur: UPNM	National
4.	<b>Zulkifly M.R</b> (2018) Buku Panduan Latihan Industri Ijazah Sarjana Muda Teknologi Maritim, Kuala Lumpur: UPNM	University
5.	<b>Zulkifly M. R.</b> (2019) Buku Panduan dan Buku Log Latihan Industri Pelajar Awam Ijazah Sarjana Muda Teknologi Maritim Edisi Ketiga, Kuala Lumpur: UPNM	University
6.	<b>Zulkifly M. R.</b> (2020) Panduan Penulisan Projek Penyelidikan Sarjana Muda Edisi Kedua, Kuala Lumpur: UPNM	University
7.	<b>Zulkifly M. R.</b> (2023) Buku Panduan Latihan Industri Sarjana Muda Teknologi Maritim (Edisi kelima)	University
8.	<b>Zulkifly M. R.</b> (2023) Buku Panduan dan Log Latihan Industri Pelajar Awam Ijazah Sarjana Muda Teknologi Maritim (Edisi keempat)	University

### 2.2.3 Proceeding Articles :

(Please list in chronological order and state: authors, year, title, publisher/conference, volume and number of pages (Please bold your name))

No.	Authors, year, title, publisher/conference, volume and number of pages (Please bold your name)	Level
1.	<b>Zulkifly M.R</b> (2009) The Teaching and Learning on Maritime Education, paper presented at National Science and Technology Seminar, UTHM, Batu Pahat, Johor on 26 <sup>th</sup> to 27 <sup>th</sup> October 2009	National
2.	<b>Zulkifly M.R</b> (2009) The Direction of Shipping and Maritime Operation, paper presented at MOHE Maritime Action Committee, Pan Pacific, KLIA on 13 <sup>th</sup> to 14 <sup>th</sup> November 2009	National
3.	<b>Zulkifly M.R</b> (2009) Academic Excellence of UPNM, paper presented at Pendekar Hall, UPNM on 21 <sup>st</sup> to 23 <sup>rd</sup> December 2009	University
4.	<b>Zulkifly M.R</b> (2009) The Module on Bachelor Degree Project Paper for Maritime Technology Degree Programme, KL : UPNM	University
5.	<b>Zulkifly M.R</b> (2009) Industrial Training Module for Cadet Officer in Maritime Technology, KL : UPNM	University
6.	<b>Zulkifly M.R</b> : (2009) The Profile of Cadet Officer for Maritime Technology in Psychomotor and Affective, KL : UPNM	University
7.	<b>Zulkifly M.R</b> (2010) Industrial Training Module and Marketability of FSTP Graduate at UPNM Industrial Training and Marketability of UPNM Graduate Workshop, Marine Centre, UPNM on 30 <sup>th</sup> June 2010	University
8.	<b>Zulkifly M.R</b> (2010) Industrial Training Module for Civilian Students of Maritime Technology, KL : UPNM	University
9.	<b>Zulkifly M.R</b> (2011) Intellectual Leader of Character for UPNM Student, UPNM Leadership Seminar at Pendekar Hall, UPNM on 25 <sup>th</sup> February 2011	University
10.	<b>Zulkifly M.R</b> (2011) The Psychomotor and Affective Learning in Navigation Science Using Simulation Technology at International Conference on Marine and Maritime Affair (ICMMA 2011), University of Plymouth, UK on 4 <sup>th</sup> to 6 <sup>th</sup> April 2011	International
11.	<b>Zulkifly M.R</b> (2011) The Assessment of Affective Learning in Navigation Using Simulation Technology at Conference on Academic Development on Higher Education (ADHE 2011) at MAEPS, UPM on 2 <sup>nd</sup> to 4 <sup>th</sup> November 2011	International

12.	<b>Zulkifly M.R</b> (2011) Training Module on Psychomotor and Affective Training in Navigation Science Using Simulation Technology, KL : UPNM	University
13.	<b>Zulkifly M.R</b> (2015) LAKSANA Module: The Psychomotor and Affective Learning in Navigation Science Using Simulation Technology, IPHEX 2015, KL : UTM/AKEPT	International
14.	<b>Zulkifly M.R</b> (2016) <b>Leadership Learning in Navigation Science Using Simulation Technology</b> , International Conference on Information & Communication Technology (ICICTM) 2016, KL : UniKL/UPNM	International
15.	<b>Zulkifly M.R</b> (2017) <b>I-CGPA Framework Leader of Character</b> , I-CGPA International Conference 2017, KL: UKM/MOHE	International
16.	<b>Zulkifly M.R</b> , Siti Sarah Mohd Isnan, Tang Jut Weng, Nur Afiqah Rosly and Ainul Husna Abdul Rahman (2018) <b>Leader of Character Framework for Bachelor Degree in Maritime Technology Graduates</b> , 2 <sup>nd</sup> International Conference on Information & Communication Technology (ICICTM) 2018, Kuala Lumpur, Malaysia.	International
17.	Mahendra K Sekaran Nair, Hassan Mohamed, Hamzan Abdul Jamil and <b>Zulkifly M.R</b> (2018) <b>Forecasting Military Vehicle Spare Parts Requirement Using Neural Networks followed by Application of Tacit Knowledge</b> , 2 <sup>nd</sup> International Conference on Information & Communication Technology (ICICTM) 2018, Kuala Lumpur, Malaysia.	International
18.	Siti Nur Muhamad, Mohamad Abu Ubaidah Amir Abu Zarim, Mohd Norsyarizad Razali, Nanthini Sridewi, Adenen Aziz, Sarah Isnan, Ainul Rahman, Afiqah Rosly, Roshamida A. J and <b>Zulkifly M.R</b> (2018) <b>Quality Evaluation of Treated Ballast Seawater for Potential Reuse</b> , 2 <sup>nd</sup> International Conference on Information & Communication Technology (ICICTM) 2018, Kuala Lumpur, Malaysia.	International
19.	Siti Sarah Mohd Isnan, Hardy Azmir Anuar, Wan Baderul Hisan Wan Muda, Mohamad Abu Ubaidah Amir Abu Zarim, Mohd Norsyarizad Razali, Mohd Azzeri Md Naiem, Mohd Arif Ahmad, <b>Zulkifly M.R</b> , Nur Afiqah Rosly, Ainul Husna Abdul Rahman, Adenen Shuhada Abdul Aziz and Siti Nur Muhamad (2018) <b>The Influence of RTK GNSS Antenna Heights on Multipath Error</b> , 2 <sup>nd</sup> International Conference on Information & Communication Technology (ICICTM) 2018, Kuala Lumpur, Malaysia.	International

### 2.3 Presentation:

(Please list in chronological order)

No.	Event	Title of Paper Presented	Role (Keynote Speaker / Invited Speaker / Presenter)	Date	Organizer
1.	Seminar, UTHM, Batu Pahat, Johor, 2009	The Teaching and Learning on Maritime Education, paper presented at National Science and Technology	Presenter	26 <sup>th</sup> to 27 <sup>th</sup> October 2009	UTHM
2.	Paper presented at MOHE Maritime Action Committee, Pan Pacific, KLIA, 2009	The Direction of Shipping and Maritime Operation	Presenter	13 <sup>th</sup> to 14 <sup>th</sup> November 2009	MOHE
3.	Paper presented at Pendekar Hall, UPNM, 2009	Academic Excellence of UPNM	Presenter	21 <sup>st</sup> to 23 <sup>rd</sup> December 2009	UPNM
4.	UPNM, Seminar 2009	The Module on Bachelor Degree Project Paper for Maritime Technology Degree Programme	Presenter	2009	UPNM
5.	UPNM Industrial Training Seminar 2009	Industrial Training Module for Cadet Officer in Maritime Technology	Presenter	2009	UPNM
6.	UPNM Cadet Officer Seminar 2009	The Profile of Cadet Officer for Maritime Technology in Psychomotor and Affective	Presenter	2009	UPNM
7.	UPNM Graduate Officer Workshop 2010	Industrial Training Module and Marketability of FSTP Graduate at UPNM Industrial Training and Marketability of UPNM Graduate	Presenter	30 <sup>th</sup> June 2010	UPNM

		Workshop, Marine Centre			
8.	UPNM Industrial Training Seminar 2010	Industrial Training Module for Civilian Students of Maritime Technology	Presenter	2010	UPNM
9.	UPNM Leadership Seminar 2011	Intellectual Leader of Character for UPNM Student, UPNM Leadership Seminar	Presenter	25 <sup>th</sup> February 2011	UPNM
10.	International Conference on Marine and Maritime Affair (ICMMA 2011)	The Psychomotor and Affective Learning in Navigation Science Using Simulation Technology	Presenter	4 <sup>th</sup> to 6 <sup>th</sup> April 2011	University of Plymouth, UK
11.	Conference on Academic Development on Higher Education (ADHE 2011) at	The Assessment of Affective Learning in Navigation Using Simulation Technology	Presenter	2 <sup>nd</sup> to 4 <sup>th</sup> November 2011	MAEPS, UPM
12.	UPNM Training Seminar	Training Module on Psychomotor and Affective Training in Navigation Science Using Simulation Technology	Presenter	2011	UPNM
13.	IPHEX 2015, UTM/AKEPT	LAKSANA Module: The Psychomotor and Affective Learning in Navigation Science Using Simulation Technology	Presenter	2015	UTM/AKEPT
14.	I-PHEX Innovative Practices of Higher Education I-PHEX 2015	Hands on Learning Practices for the Ship Bridge Simulator	Presenter	2015	UTM/AKEPT
15.	Technology Expo 2016 (MTE '16)	LAKSANA Module: The Psychomotor and Effective Learning in Navigation Science Using Simulator Technology	Presenter	2016	Malaysian Association of Research Scientists (MARS)
16.	International Invention,	LAKSANA Module: The Psychomotor and	Presenter	2016	MOSTI

	Innovation & Technology Exhibition (ITEX 2016)	Effective Learning in Navigation Science Using Simulator Technology			
17.	1st International Conference on Information and Communication Technology 2016	The Leadership Teaching and Learning Using Simulation Technology.	Presenter	2016	UniKL, IEEE, UPNM
18.	Creative and Innovative (KIK) Project 2017	LAKSANA Module the Psychomotor and Affective Learning on Navigation Science.	Presenter	2017	UniMap/ MOHE
19.	iCGPA International Conference 2017	iCGPA Using The Framework Leader of Character	Presenter	2017	MOHE/UKM
20.	ICICTM 2021	Creation Ship Navigation Data for Leandar Class Frigate	Presenter	2021	UPNM/UniKL
21.	ICICTM 2021	Application of GIS: Maritime Accident Analysis in Malaysia Water Using Kernel Density Function	Presenter	2021	UPNM/UniKL
22.	ICICTM 2021	Risk Assessment of Wave Energy Converter Project at Kuantan Port, Pahang	Presenter	2021	UPNM/UniKL
23.	3rd International Conference on Marine and Advanced Technologies (ICMAT)	Maritime Leadership Module Using Ship Simulator	Presenter	2023	UniKL/MIMET

### 3.0 ACADEMIC RECOGNITION AND LEADERSHIP, CONSULTANCY, SERVICE TO THE UNIVERSITY AND SERVICE TO THE COMMUNITY

#### 3.1 Academic Recognition and Leadership

Academic recognition and leadership such as Academic Award, Academic Assessor/ /Promotion Assessor (External), Visiting Professor/Fellowship, Editorial Board and other academic recognition.

No.	Academic Recognition	Year	Level	Awarding Body / Name of Institution
1.	Royal Malaysian Navy Service Award	1979	RMN	National
2.	Selangor State Award	1990	State	DYMM Sultan Selangor
3.	Military Excellence Award	1998	MAF	DYMM Yang Dipertuan Agong
4.	UTM Excellence Service Award	2003	University	UTM
5.	National Excellence Award	2005	National	DYMM Yang Dipertuan Agong
6.	Armed Forces Excellence Award	2006	National	DYMM Yang Dipertuan Agong
7.	UPNM Excellence Service Award	2008	University	UPNM
8.	UPNM Excellence Service Award	2010	University	UPNM
9.	UPNM Academic Excellence Award on Teaching and Learning	2011	University	UPNM
10.	Bronze Medal, Malaysian Technology Exhibition (MTE '12) for <i>Fleet Training Simulator for Maritime Communication</i>	2012	National	MTE
11.	Silver Medal, International Innovative Practices of Higher Education (I-PHEX 2015) for LAKSANA Module: The Psychomotor and Affective Learning in Navigation Science Using Simulation Technology	2015	National	UTM/AKEPT
12.	Best Overall Presentation, Innovative Practices of Higher Education (I-PHEX2015) on	2015	National	UTM/AKEPT



	Hands on Learning Practices for the Ship Bridge Simulator			
13.	Bronze Medal, International Innovative Practices of Higher Education (I-PHEX2015) for Hands on Learning Practices for the Ship Bridge Simulator	2015	National	UTM/AKEPT
14.	Bronze medal, Malaysia Technology Expo 2016 (MTE '16) for LAKSANA Module: The Psychomotor and Effective Learning in Navigation Science Using Simulator Technology	2016	National	Malaysian Association of Research Scientists (MARS)
15.	Silver Medal, 27th International Invention, Innovation & Technology Exhibition 2016 (ITEX 2016) for LAKSANA Module: The Psychomotor and Effective Learning in Navigation Science Using Simulator Technology	2016	National	MOSTI
16.	1st International Conference on Information and Communication Technology (ICICTM'16). The Leadership Teaching and Learning Using Simulation Technology.	2016	National	UniKL, IEEE, UPNM
17.	Chartered Member Institute Logistics and Transport	2016	International	CILT
18.	Excellence Service Award	2016	University	UPNM
19.	Excellence Service Award	2017	University	UPNM
20.	Silver Medal, KIK Project: LAKSANA Module the Psychomotor and Affective Learning on Navigation Science.	2017	National	UniMap/MOHE

21.	Winner at iCGPA International Conference 2017 – Best Presenter	2017	International	MOHE/UKM
22.	Excellence Service Award	2020	University	UPNM
23.	Bronze Medal iPerlis. Smart Weapon Detector System	2021	International	UNIMAP
24.	Gold Medal Defence, Security and Sustainability Exhibition 2022 (DSS 2022) – UPNM	2022	University	UPNM
25.	Effective Post-Graduate Supervision Course	19- 21 Sept 2022	University	ILD UiTM, Bandar Enstek

### 3.2 Consultancy work that benefited to the University.

(Please list in chronological order and state: title, year, sponsor, value and duration of consultancy)

No.	Title	Year	Sponsor	Value	Duration
1.	To design, develop, install and test of the Navigation Simulator at the Maritime Laboratory, UPNM	2004 – 2005	Consultant to Atlas Defence Technology Sdn. Bhd	-	2 Years
2.	To design the new building for Faculty of Science and Defence Technology	2008 – 2010	Consultant to Shahrom Architects Sdn. Bhd.	-	2 Years
3.	To design new Maritime Laboratory for teaching and learning in Navigation Science	2008 – 2011	Consultant to NRY Architects Sdn. Bhd.	-	2 Years
4.	Malaysian Maritime Simulator Initiative Programme for Ship Navigation Simulator	2011 – 2013	Consultant to Secure Technology and Innovation Sdn. Bhd.	-	2 Years
5.	To design, develop and installation of Fleet Work Training Simulator	2009 – 2011	Consultant to Altriz Technology Sdn. Bhd.	-	2 Years
6.	To design, construct and install Ship Bridge Simulator	2014 – 2015	Consultant to HJS	-	2 Years

No.	Title	Year	Sponsor	Value	Duration
			Maritime Sdn. Bhd		
7.	To design, construct and install Engine Room Simulator	2015 – 2016	Consultant to HJS Maritime Sdn. Bhd	-	2 Years
8.	Kajian Pembangunan Terminal 2 Pelabuhan Lumut di Pusat Maritim, UPNM	2018	HJS Maritime Sdn. Bhd	RM 11,583.00	1 Week
9.	Kursus Hidrografi Kategori A di Pusat Maritim, UPNM	2018	Pusat Hidrografi Negara	RM 5,000.00	1 Week
10.	Person in Overall Advisory Control onboard ship (Knowledge Transfer Programme)	2021	Pusat Maritim UPNM	RM 10,000.00	06 Apr – 09 Apr 2021

### 3.3 Service to the University

Service to the university such as Vice Chancellor/Deputy Vice Chancellor/Dean/Director, Deputy Dean/Deputy Director/Unit Coordinator/Hostel Warden, Programme Chairperson/ Assistant Warden/Fellow. Representing University in Sports and Other Non-Academic Activities. Professional/Academic Association (Committee Member).

(Please list in chronological order and state: position/membership and duration)

No.	Position/Membership	Duration
1.	Founding Dean of Science and Defence Technology Faculty, UPNM	June 2007 to Dec 2007
2.	Dean of Science and Defence Technology Faculty, UPNM	Jan 2008 to July 2012
3.	Leader of CAP7, iPMO UPNM	May 09 until Oct 2011
4.	Head of Task Force for Academic Performance Audit UPNM	May 2009 to Oct 2011
5.	Acting Deputy Vice Chancellor UPNM	Mar 2009 to Apr 2009
6.	Deputy Manager MS ISO 9001:2000	Jan 2008 to Oct 2011
7.	Patron FSTP Colloquium 2009	Apr 2009 to May 2009
8.	Chief Operation Officer, Maritime Training and Development Centre, UPNM	Aug 2012 to Jan 2014

9.	Deputy Dean of Faculty Science and Defence Technology, UPNM	Feb 2014 to Jul 2014
10.	Dean of Faculty of Science and Defence Technology, UPNM	Aug 2014 – Aug 2017
11.	Board of Study UniKL- MIMET Programme Master in Maritime Operation	2017
12.	Director of Maritime Research and Excellence Centre, UPNM	1 Jan 2018 – 14 June 2023
13.	Auditor and jury for 7 <sup>th</sup> Innovation Day Year 2021, UPNM	Jan – Dec 2021
14.	Chairman for MQA-01 Bachelor in Maritime Technology Industrial Mode 2u1i Committee	2020 – Dec 2021
15.	Internal Assessor for Post- Graduate Independent Committee, Faculty Science and Defence Technology	Feb – Dec 2021
16.	Deputy Chairman Reception Committee for 11 <sup>th</sup> & 12 <sup>th</sup> Convocation Ceremony 2021	Jan – Dec 2022
17.	Panel Assessor Accreditation of Prior Experiential Learning (APEL)	Sept 2020 – 2022
18.	Mentor for Academic Staff (Incomplete PhD Studies) – Lt Kdr Mohd Najib bin Abdul Ghani Yolhamid	June 2020 - 2022
19.	Committee Member for Memorandum of Agreement (MOA) UPNM, Ecole Centrales De Nantes (ECN) and Naval Group France	Feb 2020 – Dec 2022
20.	Deputy Chairman for Professor Academy of Malaysia Defence and Security Cluster	Jul 2020 – Jul 2022
21.	UPNM APEL Panel Assessor	Sept 2020 –Sept 2022
22.	Head of Programme Master in Maritime Technology	02 Jan 2020 – Dec 2022
23.	Deputy Chairman Liaison Officer – 12 <sup>th</sup> UPNM Convocation 2022	06 – 07 Dec 2022

### 3.4 Service to the community

(Please list in chronological order)

No.	Organization	Role	Start Date	End Date	Level
1.	Steering Committee for Royal Malaysian Navy Officer Career Structure	Committee Member	1998	2001	National
2.	Parents and Teachers Association, Royal Military College	President	2001	2002	National

3.	Science and Technology Encyclopaedia UTM-DBP	Head of Maritime	2008	2010	National
4.	Old Putera Association, Royal Military College	Life Member	2001		National
5.	National Maritime Education and Training Committee, MOHE	Committee Member	2009	2011	National
6.	Science and Mathematics Dean Council	Committee Member	2008	2012	National
7.	Royal Malaysian Navy Education and Training Board of Governor	Committee Member	2010	2014	National
8.	Programme Grand Stand RTM1 - Search and Rescue of MH 370	Panel Discussion	2014	-	National
9.	Programme Agenda on MH370 Astro	Panel Discussion	2014	-	National
10.	Langkawi International Maritime and Aerospace 2017 (LIMA 2017)	Exhibition on Module LAKSANA	Mac 2017	-	National
11.	Opening Ceremony UPNM Research and Innovation Centre	Exhibition on CoE MAREC	Aug 2018	-	National
12.	STEM Programme	Exhibition on Ship Simulator at SMK Taman Desa, KL	Oct 2018	-	National
13.	Langkawi International Maritime & Aerospace 2019 (LIMA 2019)	Exhibition on Ship Simulator	Mac 2019	-	International
14.	Akademi Professor Malaysia, Kluster Pertahanan dan Keselamatan	Deputy Chairman	July 2020	July 2022	National

15.	UniKL Board of Study – Diploma of Maritime Operations	Panel Member	Oct 2019	Oct 2020	National
16.	The Chartered Institute of Logistics and Transport Malaysia	Member	2016	2022	National
17.	Technologists in Maritime Technology	Graduate	14 <sup>th</sup> Aug 2020	2021	National
18.	AMET International Conference in Shipping and Nautical Science (ICSNS 2021), India	Chairperson and Keynote Speaker	23 Jul 2021	-	International
19.	Wacana Akademi Profesor Malaysia – Kesan Covid-19 Terhadap Keselamatan dan Pertahanan Negara	Panel Speaker	08 Apr 2021	-	National
20.	Ahli Pertubuhan Akademi Profesor Malaysia (APM)	Ahli	11 Oct 2019	10 Oct 2022	National
21.	Defence Service Asia (DSA) Exhibition – MITEC, KL	Exhibitor Ship Simulator - Module LAKSANA	28 Mac 2022	31 Mac 2022	International
22.	Defence, Security and Sustainability Exhibition 2022 (DSS 2022) – UPM	Exhibitor - LAKSANA Module	3 Aug 2022	4 Aug 2022	National

I declare that all the information in this form is true and correct. The University has the right to withdraw or reject the application if any information in this form found to be untrue.

Signature : 

Name : Capt Prof. Dr. Hj. Zulkify bin Mat Radzi TLDM (Retired)

Faculty/Centre : Faculty of Defence Science and Technology

Date : 18 September 2023

I verify that, to the best of my knowledge, all the information provided in the forms are true.

Dean  
Faculty of Defence Science and Technology

Signature and Stamp :

Date :