

## CURRICULUM VITAE

**Name** : **Assoc. Prof. Dr. Shamsul Bahri Hj Mohd Tamrin**

**Department** : Environmental & Occupational Health

**Faculty** : Medicine and Health Sciences

**Area of Specialization** : Industrial Hygiene/Occupational Ergonomics

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**Year of Commencement  
of Service** : 20/11/1997

**Date of Confirmation** : 29/01/2003

**Date of Appointment of  
Associate Prof** : 1/2/2013

**Year and Pass Grade for  
In-Service Training** : 29/01/2003

**Salary Grade** : DS54

**Basic Salary to Date** : RM9550

**Language Qualification** : Bahasa Malaysia : C4  
: English : C3  
: IELTS : 7

**H Index : 15**  
**I-10 Index : 20**



#### A. EDUCATIONAL BACKGROUND

Degree	Awarding University/Body	Year
Doctor of Veterinary Medicine	Universiti Putra Malaysia (UPM)	1997
Master of Medical Science (Public Health)	Universiti Kebangsaan Malaysia (UKM)	2002
Doctor of Philosophy in Medical Science	Mie University – Japan	2008

#### B. TEACHING ACTIVITIES

Course title	Code	Credit hours	Year	Status
Industrial Hygiene	EOH 3203	3	2003-now	Coordinator
Research Project	ENV 4999	9	2000-2011	Lecturer
Ergonomics	EOH 4201	3	2005-now	Lecturer
Industrial Training (3 <sup>rd</sup> Year)	EOH 3901	9	2010-2011	Lecturer
Health Management System and Occupational Safety	EOH4202	3	2009-now	Coordinator
Industrial Safety	EOH 3201	3	2005-now	Coordinator
Industrial Toxicology and Environment	EOH 4301	3	2010-2011	Lecturer
Advance in industrial hygiene	EOH 5203	3	2008-now	Coordinator
Environmental & Occupational Health Law	EOH 3301	3	2011-now	Coordinator
Health Management System and Occupational Safety	EOH5202	3	2009-now	Coordinator

#### C. SUPERVISION

Level	No. of students
Undergraduate supervision	81
Undergraduate co – supervision	22
Post graduate supervision (Master's)	16
Post graduate co-supervision (Master's)	5
Post graduate supervision (Ph.D)	15
Post graduate co-supervision (Ph.D)	7

107. Student supervision (Under graduate)

No	Project Title	Student Supervised	Year	Status
1	Implication of noise exposure to the hearing ability among steel workers in Gurun Industrial Area, Kedah	Zuraini Zainol B.Sc (Environmental and Occupational Health)	2000/2001	<b>Completed</b>
2	Concentration of indoor PM10 in school and at homes and the prevalence of acute and chronic respiratory symptoms among primary schoolchildren in Serdang, Selangor	Arividya Arimuthu B.Sc (Environmental and Occupational Health)	2000/2001	<b>Completed</b>
3	Schoolbag load and its effects on the stature profile and erector spinae muscle of primary schoolchildren in Seri Serdang, Selangor	Lim Poh Ai B.Sc (Environmental and Occupational Health)	2000/2001	<b>Completed</b>
4	Effect on Liver enzymes due to the exposure of pesticides among tobacco planters in Kampung Telaga Papan, Pasir Puteh, Kelantan Darul Naim	Israuha Mohamad B.Sc (Environmental and Occupational Health)	2000/2001	<b>Completed</b>
5	Prevalance of hearing loss among grass cutters in Perlis	Azlan Hamzah. B.Sc (Environmental and Occupational Health)	2000/2001	<b>Completed</b>
6	Muscles activities and its association with musculo-skeletal problem among nurses in Tengku Ampuan Afzan's Hospital in Kuantan, Pahang	Fakrul Razi Abu Bakar B.Sc (Environmental and Occupational Health)	2000/2001	<b>Completed</b>
7	Study of noise exposure and hearing loss among foggers from Vectorborne Unit, Department of Health, State of Negeri Sembilan	Muniandy M. Nathan B.Sc (Environmental and Occupational Health)	1999/2000	<b>Completed</b>

No	Project Title	Student Supervised	Year	Status
8	Whole body vibration and muscle activity associated with low back pain among drivers in Kuantan Health District	Abdul Rahim Muda B.Sc (Environmental and Occupational Health)	2000/2001	<b>Completed</b>
9	Exposure to hexavalent chromium compound and carcinoembryogenic antigen (CEA) level among stainless steel welders	Ridhuan Mhd Dan B.Sc (Environmental and Occupational Health)	2001/2002	<b>Completed</b>
10	Exposure to nickel compound and carcinoembryogenic antigen (CEA) level among stainless steel welders	Chiang Lee Juan B.Sc (Environmental and Occupational Health)	2001/2002	<b>Completed</b>
11	Noise exposure and it Relationship with Hearing problem among workers in textile industry	Yong Kui Jin B.Sc (Environmental and Occupational Health)	2002/2003	<b>Completed</b>
12	Hearing problem among workers in natural rubber processing plant in Kelantan	Norhaslinda Hassan B.Sc (Environmental and Occupational Health)	2002/2003	<b>Completed</b>
13	Wholebody Vibration exposure and its relation with erector spinae muscles activities and the prevalence of low back pain among commercial vehicle drivers in Kota Bahru, Kelantan	Mohd Rotpi Abdullah B.Sc (Environmental and Occupational Health)	2002/2003	<b>Completed</b>
14	Electromyography of the erector spinae muscles and it relationship with musculoskeletal problem among nurses in Hospital USM, Kelantan	Mohd Noor Mamat B.Sc (Environmental and Occupational Health)	2002/2003	<b>Completed</b>

No	Project Title	Student Supervised	Year	Status
15	Heat stress and the relationship with biological parameter among steel workers in Klang, Selangor	Victor Lazarus B.Sc (Environmental and Occupational Health)	2002/2003	<b>Completed</b>
16	Heat stress and the relationship with physiological changes among welders in Shah Alam, Selangor	Nurul Ainun Hamzah B.Sc (Environmental and Occupational Health)	2002/2003	<b>Completed</b>
17	Getaran seluruh badan dan kesannya ke atas otot trapezius di kalangan pemandu trak ATM	Mohd Afrul Nizam B.Sc (Environmental and Occupational Health)	2003/2004	<b>Completed</b>
18	Pendedahan bunyi bising dan hubungannya dengan ambang pendengaran di kalangan pekerja kilang kertas di Bentong, Pahang	Mohd Ridzuan Salleh B.Sc (Environmental and Occupational Health)	2003/2004	<b>Completed</b>
19	The use of wrist braces in reducing CTS among data processing operator in Jabatan Perangkaan Negara, Cyberjaya	Sham Poh Hai B.Sc (Environmental and Occupational Health)	2003/2004	<b>Completed</b>
20	Getaran seluruh badan dan kesannya ke atas otot spina erector di kalangan pemandu trak ATM	Amad Mahmud Muslim B.Sc (Environmental and Occupational Health)	2003/2004	<b>Completed</b>
21	Kesesuaian kerusi kepada pemandu-pemandu bas di Kuala Lumpur menggunakan kaedah pengukuran antropometri	Mohd Kamri Mamat B.Sc (Environmental and Occupational Health)	2004/2005	<b>Completed</b>
22	Keberkesanan penggunaan kusyen lembut dan lapik getah dalam mengurangkan getaran seluruh badan di kalangan pemandu bas SKMK, Kelantan	Lucy Dana B.Sc (Environmental and Occupational Health)	2004/2005	<b>Completed</b>

No	Project Title	Student Supervised	Year	Status
23	Keberkesanan Penyokong Lumbar Terhadap Aktiviti Otot Erektor Spina dikalangan pemandu bas, SKMK	Jenny Milin B.Sc (Environmental and Occupational Health)	2004/2005	<b>Completed</b>
24	Tekanan mental dan fizikal Serta hubungannya dengan perubahan fisiologi tubuh di kalangan pemandu bas sekitar Kota Bharu Kelantan.	Daliana Dali B.Sc (Environmental and Occupational Health)	2004/2005	<b>Completed</b>
25	Analisa spina dan Kaintannya Dengan Kapasiti Kekuatan Isometrik di kalangan Pekerja Ladang, UPM	Imelda Marazing B.Sc (Environmental and Occupational Health)	2004/2005	<b>Completed</b>
26	The use of Transcutaneous electro-nerve stimulation (TENS) in reducing erector spinae muscle fatigue among drivers.	Nor Hafizah Ramlan B.Sc (Environmental and Occupational Health)	2004/2005	<b>Completed</b>
27	School bag load capacity and relation with distribution of stepping force and motion.	Nurulhuda Hassan B.Sc (Environmental and Occupational Health)	2004/2005	<b>Completed</b>
28	Ovaco analysis of prolong seating and the association with the prevalence of back pain among commercial vehicle drivers	Puteri Yusnizawati B.Sc (Environmental and Occupational Health)	2004/2005	<b>Completed</b>
29	Use of forearms support in reducing static load in the trapezius muscles and supinator muscles during computer typing task.	Mohammad Zulhafni Ahmad B.Sc (Environmental and Occupational Health)	2004/2005	<b>Completed</b>

No	Project Title	Student Supervised	Year	Status
30	Association between extreme temperature, heart rate and body core temperature among acclimatize rice mill workers.	Nor Hidayah Daud B.Sc (Environmental and Occupational Health)	2004/2005	<b>Completed</b>
31	Prevalance of hearing loss and noise exposure in automobile manufacturing sector	Sarawanan A/L Subramaniam B.Sc (Environmental and Occupational Health)	2002/2003	<b>Completed</b>
32	Noise exposure and it relationship with hearing loss among workers from printing industry	Siti Sahartini Hanafi B.Sc (Environmental and Occupational Health)	2002/2003	<b>Completed</b>
33	Post Engineering control in reducing heat stress and extreme temperature in a canned soup manufacturing industry	Norhadi Kasah B.Sc (Environmental and Occupational Health)	2005/2006	<b>Completed</b>
34	Heat stress and physiological effects among workers in an automotive parts industry, negeri Sembilan	Khairunnisa Azizan B.Sc (Environmental and Occupational Health)	2005/2006	<b>Completed</b>
35	The effectiveness of transcutaneous electro nerve stimulation (TENS) in reducing trapezius muscle fatigue among female office workers of UPM	Khairunnisa Adenan B.Sc (Environmental and Occupational Health)	2005/2006	<b>Completed</b>
36	Relationship between heat exposure and stress among metal diecasting factory workers in Selangor	Nurul izzah Abd Samad B.Sc (Environmental and Occupational Health)	2006/2007	<b>Completed</b>
37	Penambahbaikan ergonomic dalam mengurangkan masalah otot rangka (MSD) di kalangan pekerja kilang kertas, Bentong, Pahang	Mohd Nasir B.Sc (Environmental and Occupational Health)	2006/2007	<b>Completed</b>

No	Project Title	Student Supervised	Year	Status
38	Getaran seluruh badan dan hubungannya dengan sakit belakang bawah di kalangan pemandu LRT	Nor Ain Zulkifli B.Sc (Environmental and Occupational Health)	2006/2007	<b>Completed</b>
39	Getaran seluruh badan dan hubungannya dengan sakit belakang bawah di kalangan pemandu komuter	Norliza Noridan B.Sc (Environmental and Occupational Health)	2006/2007	<b>Completed</b>
40	Postur bekerja dan masalah otot rangka di kalangan pekerja di jeti pemunggahan hasil laut di Kuala Rompin	Nurul Ashiqin Mohd Ali B.Sc (Environmental and Occupational Health)	2006/2007	<b>Completed</b>
41	Knowledge, attitude and practices of low back health among orthopedic ward nurses in HKL	Muhammad Ma'azee Abd Rahman Bachelor of Nursing	2006/2007	<b>Completed</b>
42	Vibrating hand tool and hand arm vibration syndrome among shipyard workers	Mohd Nazri B.Sc (Environmental and Occupational Health)	2009/2010	<b>Completed</b>
43	The effect of massaging system on driving performance during a long distance driving among young adult	Nurul Ain Zali B.Sc (Environmental and Occupational Health)	2009/2010	<b>Completed</b>
44	Static lifting strength in different lifting postures among students in UPM	Tan Choon Yee B.Sc (Environmental and Occupational Health)	2009/2010	<b>Completed</b>
45	Effect of LCD angle of a notebook computer on muscle activities, discomfortness and individual preference among students in UPM	Vivien How B.Sc (Environmental and Occupational Health)	2009/2010	<b>Completed</b>



No	Project Title	Student Supervised	Year	Status
46	Comparison of diagnostic method of evaluating vibration induced sensorineural impairment among power tool user' of shipyard construction	Ng Yee Guan B.Sc (Environmental and Occupational Health)	2009/2010	<b>Completed</b>
47	The prevalence of Hand-Arm Vibration (HAVS) among shipyard workers using "Semmes-Weinsten Monofilament"	Khairul Faizu B Ibrahim B.Sc (Environmental and Occupational Health)	2010/2011	<b>Completed</b>
48	Prevalence and risk factor Among baggage handlers in an airport.	Ahmad Farid Bin Zainudin B.Sc (Environmental and Occupational Health)	2010/2011	<b>Completed</b>
49	The prevalence of Hand-Arm Vibration (HAVS) among shipyard workers using "Vibrotactile Perception Threshold"	Mohd Yusri Bin Abdul Rahim B.Sc (Environmental and Occupational Health)	2010/2011	<b>Completed</b>
50	The prevalence of Hand-Arm Vibration (HAVS) among shipyard workers using "Purdue Pedboard"	Mohamad Hanafi Bin Ali B.Sc (Environmental and Occupational Health)	2010/2011	<b>Completed</b>
51	Risk factors of Computer Vision Syndrome in relation to Video Display Unit usage among government employees in Putrajaya.	Sharifah Nadirah Bt Syed Ahmad Alhabshi B.Sc (Environmental and Occupational Health)	2010/2011	<b>Completed</b>
52	Early Detection of Diabetes Using Vibration Perception Threshold	Adhitomo Sulistyo B. Eng. (Mechanical and Manufacturing)	2010/2011	<b>Completed</b>
53	The association between noise exposure level and occupational stress among oil palm mill workers in Johor	Nurul Syazani Yuswir B.Sc (Environmental and Occupational Health)	2011/2012	<b>Completed</b>

No	Project Title	Student Supervised	Year	Status
54	The neurobehavioral assessment among pesticide handlers of oil palm plantation in Felda Lok Heng, Johor	Norhana Abd Hamis B.Sc (Environmental and Occupational Health)	2011/2012	<b>Completed</b>
55	Prevalence of MSD and ergonomics risk factors of work processes in semiconductor in industry	Najihah Zainol Abidin B.Sc (Environmental and Occupational Health)	2011/2012	<b>Completed</b>
56	Prevalence of occupational accident in palm oil industry	Izyan Nadhirah bt Nor Azman B.Sc (Environmental and Occupational Health)	2011/2012	<b>Completed</b>
57	Effect of light, color temperature on task performance, individual visual, comfort level, and alertness among students of FPSK	Sia Chee Sai B.Sc (Environmental and Occupational Health)	2011/2012	<b>Completed</b>
58	Mouse position and sizes of mouse and their effects on task performance, discomfort and individual preference among 17college students	Chew May Yee B.Sc (Environmental and Occupational Health)	2011/2012	<b>Completed</b>
59	The association of risk factors with MSD and work productivity among FFB loaders in Felda	Yik Wai Mun B.Sc (Environmental and Occupational Health)	2011/2012	<b>Completed</b>
60	Working posture analysis and its association with Musculoskeletal symptoms among palm oil harvester in Felda Lok Heng	Nursyafiqah Ramli B.Sc (Environmental and Occupational Health)	2011/2012	<b>Completed</b>

No	Project Title	Student Supervised	Year	Status
61	The association of risk factors with the prevalence of MSD among harvester in oil palm plantation	Norhadibah Tokesno B.Sc (Environmental and Occupational Health)	2011/2012	<b>Completed</b>
62	Association between occupational heat exposure with physiological changes among palm oil mill workers	Nurizzate Mohd Said B.Sc (Environmental and Occupational Health)	2011/2012	<b>Completed</b>
63	Correlation Between Types of Lighting and Work Performance Among Students of FPSK: An Experimental Study	Sajidah Sofian B.Sc (Environmental and Occupational Health)	2012/2013	<b>Completed</b>
64	Comparison of hazard, risk and type of control in three selected agricultural industries	Norazlena Aumran B.Sc (Environmental and Occupational Health)	2013/2014	<b>Completed</b>
65	Occupational injuries reporting trend among selected agricultures industries in Johor, Melaka and Pahang	Mohamad Shoffrin Zakuan Abdul Razak B.Sc (Environmental and Occupational Health)	2013/2014	<b>Completed</b>
66	Knowledge, attitude and practice of pesticide use among managements and workers at selected agricultural industries	Nurul Amirah Jamiluddin B.Sc (Environmental and Occupational Health)	2013/2014	<b>Completed</b>
67	Prevalence of hearing loss and its association with risk factors among aircraft maintenance workers.	Afina Afandi B.Sc (Environmental and Occupational Health)	2013/2014	<b>Completed</b>
68	The effect using dual screens computer display setting to the neck-shoulder muscle activity among group of students university	Nur fitriyah binti muhamad akir B.Sc (Environmental and Occupational Health)	2014/2015	<b>Completed</b>

No	Project Title	Student Supervised	Year	Status
69	Knowledge, attitude and practice of safety helmet usage among harvester in palm oil plantation	Nurzuhairiza bt Zolkifli B.Sc (Environmental and Occupational Health)	2014/2015	<b>Completed</b>
70	Developing and improving a new PPE in enhancing the effectiveness on the use of hard hat among palm oil harvester using ergonomic method	Nor Shuhada binti Mohd Shukoor B.Sc (Environmental and Occupational Health)	2014/2015	<b>Completed</b>
71	The Association between Buddhism Teachings and Stress Level among Undergraduate Students	NG GIN SIONG B.Sc (Environmental and Occupational Health)	2014/2015	<b>Completed</b>
72	Usability Evaluation Of New Kansei Interface Feature Versus. Existing Interface Feature In Automotive Navigation System	Alwis Nazren B.Sc (Environmental and Occupational Health)	2015/2016	<b>Completed</b>
73	A Proposed Recommended Weight Limit For Lifting Activities Among Young Asian Adults	Ahmad Syamil Hamid (Environmental and Occupational Health)	2015/2016	Completed
74	Association Between Ergonomic Risk Factors And Musculoskeletal Discomfort Among The Hostel's Residence Of University Putra Malaysia	Fatin Nasuha Abdul Rahim (Environmental and Occupational Health)	2015/2016	Completed
75	The Prevalence Of Carpal Tunnel Syndrome Among Counter Workers In Telecommunication Company	NurSabreena Zakaria (Environmental and Occupational Health)	2015/2016	Completed

No	Project Title	Student Supervised	Year	Status
76	Association between reporting and non reporting accident at the construction sites	NorAdilla Abd Hadi	2017	Completed
77	The quality of life in OSH among Malaysian workers in different industries in Malaysia	Safiah Mazlan      Rohaizah	2017	Completed
78	The association between safety helmet usage and the prevalence of injury among oil palm plantation workers in Sandakan and Lahad datu, Sabah	Mohammad Nizarimi      Nazmi	2017	Completed
79	The effectiveness of OSHMP 15 in enhancing government leadership and practice	NorHafizah Yaacob	2017	Completed
80	An Approach in Increasing Awareness Regarding Safety Helmet usage Among Oil Palm Harvester	Siti Nur Atika Yap Binti Muhammad Taufik Yap	2018	On going
81	Reference of New Prototype Safety Helmet Device using Ergonomic Principles among Oil Palm Plantation Workers	Nur Al-Izzah Binti Nazri	2018	On going

ii. Student Co- Supervision (Under Graduate)

No	Project Title	Student Supervised	Year	Status
1	Peripheral neuropathy among Health Department Insecticide Applicators in the Klang Valley Area	Subramaniam Karupannan B.Sc (Environmental and Occupational Health)	1999/2000	<b>Completed</b>
2	Low back pain among male welders in automotive workers in Shah Alam, Selangor	Hisyamuddin Muhammad B.Sc (Environmental and Occupational Health)	2001/2002	<b>Completed</b>
3	Study of heat stress and its association with physiological changes among steel workers in Johore Bahru	Fawziah Mohd Noor B.Sc (Environmental and Occupational Health)	2001/2002	<b>Completed</b>
4	Prevalance of Carpal Tunnel Syndrome among government computer operators in Putra Jaya	Nurazlin Anuar B.Sc (Environmental and Occupational Health)	2001/2002	<b>Completed</b>
5	Trapezius muscles activities and wholebody vibration among commercial vehicle drivers in Kota Bahru, Kelantan	Asif Yahya B.Sc (Environmental and Occupational Health)	2002/2003	<b>Completed</b>
6	Heat stress and physiological changes among automotive workers	Muznita Mansur B.Sc (Environmental and Occupational Health)	2002/2003	<b>Completed</b>
7	Prevalance of hearing loss among printing workers in Petaling Jaya, Selangor	Lee Yie Yie B.Sc (Environmental and Occupational Health)	2002/2003	<b>Completed</b>
8	Prevalance of hearing loss among Petroleum Refinery workers in Miri, Sarawak	Mahani Maji B.Sc (Environmental and Occupational Health)	2002/2003	<b>Completed</b>
9	The use of wrist support in reducing extensor digitorum muscle fatigue among office workers in UPM	Rusnani Sardar Ali B.Sc (Environmental and Occupational Health)	2005/2006	<b>Completed</b>
10	Factors associated MSDs among nurses	Siti Hajar Bachelor of Nursing	2009/2010	<b>Completed</b>
11	An ergonomics risk factors study on musculoskeletal disorders among construction workers	Sharan Kaur B.Sc (Environmental and Occupational Health)	2009/2010	<b>Completed</b>

No	Project Title	Student Supervised	Year	Status
12	The horizontal position of the computer keyboard and the muscle activity among UPM students	Lim Yee Yee B.Sc (Environmental and Occupational Health)	2009/2010	<b>Completed</b>
13	Mismatch between chairs and anthropometric measures at Mersing Schools.	Zarith Afzan Binti Zainal B.Sc (Environmental and Occupational Health)	2010/2011	<b>Completed</b>
14	The effectiveness of ergonomic chair in aligning back bone among office workers	Nur Amalina Osman B.Sc (Environmental and Occupational Health)	2012/2013	<b>Completed</b>
15	The use of eye tracker in detecting key elements in OSH presentation package.	Sahidah Abdul Rashid B.Sc (Environmental and Occupational Health)	2012/2013	<b>Completed</b>
16	The assessment of respiratory symptoms among palm oil mill workers using lung function test	Putri Anis Syahira Mohamad Jamil B.Sc (Environmental and Occupational Health)	2013/2014	<b>Completed</b>
17	The evaluation of physiological changes and heat related illness among palm oil mill workers under heat stress condition	Nur Athirah Diyana Mohamad Yusof B.Sc (Environmental and Occupational Health)	2013/2014	<b>Completed</b>
18	Assessment of hazard, risk and control in palm oil mills	Hafiz Mohamed Hadi B.Sc (Environmental and Occupational Health)	2013/2014	<b>Completed</b>
19	Musculoskeletal Disorder: The assessment among palm oil mill workers in selected palm oil mills in Malaysia	Muhammad Shahmi Razak B.Sc (Environmental and Occupational Health)	2013/2014	<b>Completed</b>
20	Effectiveness combination of fabric in different color for workers clothing in reducing heat stress in hot humid Malaysia	Mohd Shahriza Khairi	2017	<b>Completed</b>
21	Subjective Preference of the Garments' Fabric in Relation to Occupational Safety and Health among Oil Palm Plantation Workers at Sandakan, Sabah	Lee Pei Xu'an	2018	On progress

No	Project Title	Student Supervised	Year	Status
22	Subjective Preference of the Garments' Colour in Relation to Occupational Safety and Health Among Oil Palm Plantation Workers at Sandakan, Sabah,	Amirah Aida Binti Madzlan	2018	On progress



### iii. Student Supervision (Post Graduate)

No	Project Title	Student Supervised	Year	Status
1	Development and Evaluation of New Prototype Seat for Commercial Vehicle Drivers in Reducing the Occurrence of Low Back Pain	Wan Chik Zaharah Wan Hassan MSc (OSH)	2004/2006	<b>Completed</b>
2	The association between VPT and acceleration magnitude with HAVs among vibrating hand tool users in Malaysia	Maizura Ahmad MSc (OSH)	2009	<b>Completed</b>
3	Evaluation of two ergonomics risk factors of MSD among School children	Syazwan Aizat MSc (OSH)	2009	<b>Completed</b>
4	Fatigue and driving performance among occupational and non occupational drivers in simulated prolonged driving	Kee Szee Sian MSc (OSH)	2007	<b>Completed</b>
5	Development of monitoring tool for occupational health and safety critical success factors in natural gas pipeline installation works	Hamdan Rahmat PhD (OSH)	2008	<b>Completed</b>
6	Development of ergonomics furniture for primary school children in Malaysia	Nurul Asyiqin Msc (Environmental Health)	2007	<b>Completed</b>
7	The effect of noise exposure towards noise induced hearing loss and neurobehavioral performance among palm oil worker.	Priya Rathanak Msc (OSH)	2011	<b>Completed</b>
8	Developing low cost ergonomics improvement in Agriculture industry	Ng Yee Guan PhD (OSH)	2010	<b>Completed</b>

No	Project Title	Student Supervised	Year	Status
9	The association between carbon foot print and heat related disorders among workers in Klang Valley	Nor Atikah Che Hassan MS (OSH)	2011	<b>Completed</b>
10	Implementation of Occupational Safety and Health Management System In Reducing Ergonomics Risk among Workers at an Automotive Industry.	Ikpegbu Amarachi Mavis MS (OSH)	2012	<b>Completed</b>
11	Association of Implementation Occupational Safety Health Management with Safety and Health Workers at Small Medium Furniture Industry in Shah Alam Selangor	Noradilla Mohd MS (OSH)	2012	<b>Completed</b>
12	The association between musculoskeletal disorders and ergonomics risk factors among service senter workers in Klang valley	Ahmad Faisal MS (OSH)	2012	<b>Completed</b>
13	The association between neurobehavioral disorders and VPT among service senter workers in Klang valley	Nurul Ain Zali MS (OSH)	2012	<b>Completed</b>
14	Association between Non-auditory Effect of Excessive Noise and Occupational stress level among palm oil mill workers	Roya Latifi MS (OSH)	2012	<b>Completed</b>
15	The development of ergonomics sickle among oil palm harvester	Irwan Syah Yusof MS (OSH)	2012	<b>Completed</b>
16	The intervention program in reducing chemical exposure among service senter workers in Klang valley	Mohd Zahrun Nizam PhD (OSH)	2013	<b>In progress</b>

No	Project Title	Student Supervised	Year	Status
17	A Prediction Of Heat Stress Index (I) In Tropical Condition To Improve Comfort Level Among Industrial Workers In Malaysia	Dayana Hazwani PhD (OSH)	2012	<b>Completed</b>
18	Cross cultural preferences in automotive design with Kansei Method	Muhammad Syafiq Bin Syed Mohamed PhD (OSH)	2013	<b>Completed</b>
19	The effectiveness of behavior based safety to reduce accidents in automotive industry	Nur Sabrina Mohd Nasir MS (OSH)	2013	<b>Completed</b>
20	Epidemiology and antimicrobial pattern of E.coli O157:H7 isolated from abattoir waster water and hands of butchers	Adamu Muhammed Tukur PhD (OSH)	2013	<b>Completed</b>
21	The effectiveness of intervention program in reducing MSD among office workers in Malaysian telecommunication industry.	Ardalan Shariat PhD (OSH)	2013	<b>Completed</b>
22	The effectiveness of eye aid in reducing cataract among fisherman in Jazan, Saudi Arabia	Ahmed Ali Ibrahim PhD (OSH)	2013	<b>Completed</b>
23	The effectiveness of ergonomics intervention programme for improving safety and health among local Oil palm harvesters who are exposed to multiple ergonomics risk factors of developing MSDs	Ishkandar Bin Md Yusoff PhD (OSH)	2013	<b>In progress</b>
24	Developing Occupational Safety and Health Management System (OSHS) Based on the Critical Success Factors among Hospitals in Makkah, Saudi Arabia.	Nayef Al Mutairi PhD (OSH)	2015	<b>In progress</b>
25	The effect of shiftwork as an occupational safety and health hazard among RISS employees	Khalaf Sail Khalaf Alsharafat MS (OSH)	2015	<b>Completed</b>

No	Project Title	Student Supervised	Year	Status
26	Effectiveness of improving safety helmet through a holistic integration of practice, ergonomics and engineering among oil palm plantation workers in peninsular Malaysia	Haroun		<b>In progress</b>
27	Intervention study on asthma among adolescent in LIBYA	Nadya Mohamed Elfeturi PhD	2014	<b>In progress</b>
28		Abid Hameed PhD	2017	<b>In progress</b>
29	Breast Cancer Intervention among University Students in Saudi Arabia	Almutairi Aeshah Hamdan M PhD	2015	<b>In progress</b>
30		Khairul Nazri Wahib Master	2017	<b>In progress</b>
31	Low Cost Improvement among government workers in reducing MSD	Ayman Ibrahim Sirelkhatim Al-Beeli PhD	2015	<b>In progress</b>

#### iv. Student Co-Supervision (Post-Graduate)

No	Project Title	Student Supervised	Year	Status
1	The prevalence of Low back pain among tank drivers in Malaysia	Dr Rozali Ahmad MPH	2006/2009	<b>Completed</b>
2	Prevalence of Standard Helmet Use among Postmen in Rural Areas in Malaysia	Kaviyarasu A/L Yellapan MSc(OSH)	2009	<b>Completed</b>
3	Effects of Back Packs weight on Primary School Children (UniMap)	Marina Bt Marzuki MSc (Eng))	2010	<b>Completed</b>
4	Chronic effects of welding exposure on pulmonary function tests and respiratory symptoms among welders in metal manufacturing factory	Nurul Ainun Hamzah PhD	2010	<b>Completed</b>
5	Assessment of Genotoxicity Effects of Pesticide Exposure on Paddy Workers and Residential Children	Vivien How PhD	2010	<b>Completed</b>
6	Sick Building Syndrome, Oxidative Stress And Workers™ Perception In Relation To Indoor Air Quality Among Office Workers In An Academic Institution, Klang Valley	Zarith Afzan Binti Zainal PhD	2011	<b>In Progress</b>
7	Effect of Lumbar support to reduce discomfort during prolonged riding among motorcyclist	Umi Kalsom Mohd Shafiei Master	2015	<b>Completed</b>
8	Risk Factors of Muscular Discomfort among Motorcyclist	Ayuni Nabilah Master Master	2015	<b>Completed</b>
9	The effectiveness of ergonomics intervention programme for improving safety and health among harvesters	Hajar Mariah Binti Hashim PhD	2015	<b>In progress</b>

No	Project Title	Student Supervised	Year	Status
10	Application of Occupational Radiation Dose Limit among Malaysian Radiation workers: A Review	Mohd Syubli Adnan PhD (OSH)	2015	<b>In progress</b>
11	EMG Analysis	Ezreen Farina Binti Shair PhD	2015	<b>In progress</b>
12	Relationship Between Sustainable Environmental Management And Safety Climate At	Mohd Firdaus Bin Abdul Malek PhD	2016	<b>In progress</b>

## D. PUBLICATION

i.Citation Indexed Journal			
No.	Name/Title	Year	Journal
1.	Abdul Mujid A, Zailina H, Juliana J & <b>Shamsul BMT</b> . Partikel Ternafas (PM10) dan hubungannya dengan Sistem respiratori di kalangan kanak – kanak sekolah di Sungai Siput Utara, Perak.	2003	<i>Malaysian Journal of Public Health Medicine. 2003, Vol 3(2); pp 23 - 32</i>
2.	<b>Shamsul BMT</b> , Lim P.A, Rosnan H, Yunus A & Siti S. School bag load and its effect on the erector spinae of primary schoolchildren and low back pain among children in Malaysia.	2005	<i>Malaysian Journal of Medicine and Health Sciences, Vol 1; pp 9 – 19</i>
3.	<b>Shamsul BMT</b> , Yokoyama K, Juliana J, Nasaruddin AA, Nizam J, Rusli N, Ayub LN, Yunus A & Mazlan A. The association between risk factors and low back pain among commercial vehicle drivers in Peninsular Malaysia: A preliminary result	2007	<i>Industrial Health, 45, pp 268–278</i>
4.	Nurul Asyiqin M.A., <b>Shamsul B.M.T.</b> , Mohd Shahrizal D., Mohamad Azhar M.N., Mohd Rafee B.B. & Zailina H. Neck, shoulder, upper back and lower back pain and associated risk factors among primary school children in Malaysia.	2009	<i>Journal of Medical Safety, 5, pp 37-47</i>
5.	Syazwan Aizat I, <b>Shamsul BMT</b> & Zailina H. Evaluation of Two Ergonomic Intervention Program in Reducing Ergonomic Risk Factors of MSD among School Children	2009	<i>Research Journal of Medical Sciences. Vol 4(1). Pp 1-10</i>
6.	<b>Shamsul B.M.T</b> , Muhammad Azhar M.N, Mohd Rafee B, Nurul A.M.A & Ng Y.G “Ergonomics Risk Factors and Health Effects Among Visual Display Unit (VDU) Government Servants”.	2009	<i>Journal of Medical Safety. Vol.8. pp 23-26</i>
7.	Nurul Asyiqin M.A., <b>Shamsul B.M.T.</b> , Mohd Shahrizal D., Mohamad Azhar M.N., Mohd Rafee B.B., Velu P. & Norhisham S. Development of ergonomics furniture for primary school in Malaysia.	2009	<i>International Journal on Sustainable Tropical Design Research and Practice Vol. 4 (1). Pp 17-28</i>
8.	Syazwan Aizat I, <b>Shamsul Bahri T</b> & Zailina H. The Association between Ergonomic Risk Factors, RULA Score, and Musculoskeletal Pain among School Children: A Preliminary Result.	2009	<i>Global Journal of Health Science. Vol. 1(2). Pp 73-89</i>

i.Citation Indexed Journal			
No.	Name/Title	Year	Journal
9.	A Rozali, KG Rampal, <b>MT Shamsul Bahri</b> , MS Sherina, S Shamsul Azhar, H Khairudin & A Sulaiman. Low Back Pain and Association with Whole Body Vibration Among Military Armoured Vehicle Drivers in Malaysia.	2009	<i>Medical Journal of Malaysia Vol 64 (3). Pp 197-204</i>
10.	Chiang LJ, <b>Shamsul BMT</b> , Syazwan AI, Roslan MRS, Ridhuan MD & Zailina HH. Relationship between Nickel exposure and the level of carcinoembryonic antigen among welders in an automotive plant	2009	<i>American Journal of Applied Sciences Vol 6 (12). Pp 2078-2084</i>
11.	Syazwan A. Ismail, Sham P. Hai, Shamsul <b>Bahri M. Tamrin</b> , Mohd R. Sulaiman & Noor I.Mohamed. The Effect of Wrist Braces on Current Perception Threshold (CPT) among Female Data Processing Operators in Malaysia	2009	<i>World Journal of Medical Sciences Vol 4 (2). Pp 79-84</i>
12.	<b>Shamsul Bahri MT</b> & Nurul Ain Z. Effects of A Massaging System on Driving Performance of Young Adults During Long Distance Driving	2011	<i>Journal of Medical Safety 2011, pp 28-39</i>
13.	Sze Seen Kee, <b>Shamsul BMT</b> , Yong Meng Goh. Driver Fatigue and Driving Performance among Occupational Drivers in Simulated Prolong Driving.	2010	<i>Global Journal of Health Science. Vol. 2 (1).</i>
14.	Mohd AK, Zailina HH, <b>Shamsul BMT</b> , Nurul AMA, Mohd A MN & Syazawan A Neck, Upper back and lower back pain and associated risk factors among primary school children.	2010	<i>Journal of Applied Sciences, Vol 10 (5) pp 431-435</i>
15.	Sze Seen Kee, <b>Shamsul BMT</b> , Yong Meng Goh. Differences of Drivers' Driving Performance in Simulated Driving.	2010	<i>Research Journal of applied Sciences Vol 4(6) pp 230-237</i>
16.	Kavitha M, Jalaludin J, Abdah MdA, <b>Shamsul BMT</b> , & Syazwan AI. Human Sputum Interleukin-6 by Exposure to PM10 among Bus Drivers in Klang Valley.	2010	<i>Journal of Applied Sciences, Vol 10 (4). Pp 269-276</i>



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No.	Name/Title	Year	Journal
17.	Nurul IAS, Haslinda A, Saidi M, <b>Shamsul BMT</b> & Zailina HH. Prevalence of Low Back Pain and its risk factors among school teacher	2010	<i>American Journal of Applied Sciences Vol 7 (5). Pp 634-639.</i>
18.	K. Karmegam, S. M. Sapuan, M. Y. Ismail, N. Ismail, <b>M. T. Shamsul Bahri</b> , S. Shuib, G. K. Mohana, P. Seetha, P. Tamil Moli & M. J. Hanapi. Anthropometric study among adults of different ethnicity in Malaysia	2011	<i>International Journal of the Physical Sciences Vol 6(4), pp. 777-788</i>
19.	Nurul Ainun Hamzah & <b>Shamsul Bahri Mohd Tamrin</b> . Ketegasan Haba dan hubungannya dengan perubahan Fisiologi di kalangan Pekerja Lelaki Kilang Pembuatan Komponen Automotif Shah Alam	2009	<i>Malaysia Journal of Public Health Medicine 2010, Vol 11 (1)</i>
20.	<b>B. M. T. Shamsul</b> & C. Y. Tan. Static Lifting Strength in Different Lifting Postures among Malaysian Adults.	2011	<i>Human Factors and Ergonomics in Manufacturing &amp; Service Industries, Vol 22 (3) pp. 248-255</i>
21.	K. Karmegam, S. M. Sapuan, M. Y. Ismail, N. Ismail & <b>Shamsul B. M. Tamrin</b> . Conceptual design of motorcycle's lumbar support using motorcyclists' anthropometric characteristics.	2011	<i>Maejo Int. J. Sci. Technol. Vol 5 (01), pp. 69-82</i>
22.	K. Karmegam M.Y. , Ismail S.M. Sapuan, N. Ismail, <b>Shamsul Bahri M.T.</b> , G.K. Mohana, P. Seetha, P. Thiyagu. The anthropometric database for young adults in Malaysia	2011	<i>Journal of Human Ergology</i>
23.	<b>Shamsul Bahri M.Tamrin</b> , Kazuhito Yoyama, Nasaruddin Aziz & Setsuo Maeda. Association of Risk Factors with Musculoskeletal Disorders among Male Commercial Bus Drivers in Malaysia	2014	<i>Human Factors and Ergonomics in Manufacturing &amp; Service Industries – Vol 24(4): 369-365</i>
24.	<b>Shamsul Bahri M.Tamrin</b> , Mohd Nazri Jamallohdin, Ng Yee Guan, Setsuo Maeda, Nurul M.A The Characteristics of Vibrotactile Perception Threshold among Shipyard Workers in a Tropical Environment	2012	<i>Industrial Health. Vol 51(1),pp 147-156</i>

i.Citation Indexed Journal			
No.	Name/Title	Year	Journal
25.	<b>Shamsul Bahri M.Tamrin</b> , Mohd Nazri Jamallohdin, Ng Yee Guan, setsuo Maeda. The association between hand arm vibration syndrome and vibrotactile perception threshold among shipyard workers.	2012	<i>Southeast Asian Network of Ergonomics Societies Conference (SEANES). IEEE (ISBN: 978-1-4673-1732-0)</i>
26.	Zarith Afzan Z., Azizan Hadi S., <b>Shamsul B.T</b> , Zailina H., Nada I., Siti Rahmah A.R. Mismatch between School Furniture and Anthropometric Measures among Primary School Children in Mersing, Johor, Malaysia	2012	<i>Southeast Asian Network of Ergonomics Societies Conference (SEANES). IEEE (978-1-4673-1732-0).</i>
27.	Ashok S., Sajidah S., <b>Shamsul BMT</b> . Preliminary Assessment on alertness, visual comfort and preference and task performance for office workers under different lighting temperature. 9 <sup>th</sup> International Conference in on cognitive Sciences.	2013	<i>Procedia-Social and Behavioral Sciences Elsevier. 97 (2013): PP 638-647</i>
28.	Sahidah R, Shi-TS, Ashok S, Hassan SN & <b>Shamsul BMT</b> . Preliminary Usability Testing with Eye Tracking and FCAT Analysis on Occupational Safety and Health Websites. 9 <sup>th</sup> International Conference in on cognitive Sciences	2013	<i>Procedia-Social and Behavioral Sciences Elsevier. 97 (2013): pp 737-744</i>
29.	<b>Shamsul BMT</b> , Nursajidah S & Ashok S. Alertness, visual comfort, subjective preference and task performance assessment under three different light's colour temperature among office workers	2013	<i>Advance Engineering Forum. Vol 10 (2013): pp 77-82</i>
30.	Ng YG, <b>Shamsul BMT</b> , Irwan SMY Ergonomics observation: harvesting tasks in oil palm plantation.	2013	<i>Journal of Occupational Health. Vol 55:pp 405-414.</i>
31.	<b>Shamsul BMT</b> , Sia CC, Ng YG & Karmegam K. Effect of light's colour temperature on visual comfort level, task performance and alertness among students	2013	<i>American Journal of Public Health Research, Vol 1 (7): PP 159 – 165</i>
32.	Ardalan S, <b>Shamsul BMT</b> , Mahmoud D & Hossein K. The response of white blood cells to weight loss among young male judoist	2013	<i>Russian Open Medical Journal. (2013). 2: 0311</i>

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No.	Name/Title	Year	Journal
33.	Ng YG, <b>Shamsul BMT</b> , Yik WM, Irwan SMY & Mori I. The prevalence of musculoskeletal disorders and association with productivity loss: A preliminary study among labour intensive manual harvesting activities in oil palm plantation	2013	<i>Industrial Health. 52, 78–85</i>
34.	<b>Shamsul, B.M.T.</b> , S. Khairunnisa, N.G. Yee Guan & M.Y. Irwan Syah. Stress: The vulnerability and association with driving performance	2014	<i>American Journal of Applied Sciences. 11 (3): 448-454, 2014</i>
35.	Ng Yee Guan, <b>Shamsul Bahri Mohd Tamrin</b> , Ismi Arif Ismail, Gede Pramudya Ananta, Zailina Hashim, Irwan Syah Mohd Yusoff, Baba Md Deros, Shahrman Abu Bakar Effectiveness of a participatory action oriented training intervention approach among harvesters in oil palm plantation	2014	<i>American Journal of Applied Sciences 11 (4): 681-693</i>
36.	<b>Shamsul Bahri Mohd Tamrin</b> , Kazuhito Yokoyama, Ayub Li Naing & Ng Yee Guan. The effectiveness of simplified intervention program for prevention and reducing low back pain among Malaysian bus drivers	2014	<i>American Journal of Applied Sciences 11 (5): 818-832</i>
37.	Ardalan Shariat, Mehdi Kargarfard, <b>Shamsul Bahri Mohd Tamrin</b> , Mahmoud Danaee & Hossein Karimi. Strength-Training and Biological Rhythm of Male Sex Hormone among Judoists	2014	<i>Biological Rhythm Research. DOI: 10.1080/09291016.2014.884304</i>
38.	Arghavan Shariat, Ardalan Shariat, Ahmad Abedi, <b>Shamsul Bahri Mohd Tamrin</b> . Physical activity as a prescription for the children with cerebral palsy	2014	<i>Russian Open Medical Journal, 3: 0108</i>
39.	Nurul Ainun Hamzah, <b>Shamsul Bahri Mohd Tamrin</b> , Noor Hashim Ismail. Respiratory Symptoms and Pulmonary Function among Male Steel Mill workers in Trengganu, Malaysia	2014	<i>Malaysian Journal of Public Health Medicine, Vol 14 (1): 10-18</i>
40.	Vivien H, Hashim Z, Ismail P, Md Said S, Omar D, <b>Bahri Mohd Tamrin SH.</b> (2013). Biological monitoring of genotoxicity to organophosphate pesticide exposure among rice farmers: Exposure-effect continuum study.	2013	<i>Journal of Occupational Health and Epidemiology. Winter-Spring 2 (1-2)</i>

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No.	Name/Title	Year	Journal
41.	S. Sivasankar, K. Karmegam, M. T. <b>Shamsul Bahri</b> , H. Sadeghi Naeini & S. Kulanthayan. Safety System for Child Pillion Riders of Underbone Motorcycles in Malaysia	2014	<i>Traffic Injury Prevention. Vol 15 (564-571).</i>
42.	Roya L.N and <b>Shamsul BMT</b> . The Prevalence of Occupational Stress as a Non-Auditory Effect of Noise among Palm Oil Mill Workers in 7 Sections of Two Selected Mills	2014	<i>Asian J. Med. Pharm. Res. 4(2): 78-84, 2014</i>
43.	Roya L.N and <b>Shamsul BMT</b> (2014). The Association between Noise Exposure Level and Occupational Stress Level as a Non-Auditory Effects of Noise among Palm oil Mill Workers	2014	<i>Asian J. Med. Pharm. Res. 3(4): 91-96, 2014</i>
44.	M.L. Norzan, Shahrman, A.B., <b>Shamsul. B.M.T.</b> , B.M. Deros, A.S. Rambely, Khairunizam Wan, Ng Y.G., Mohd Afendi, E.M.Cheng, Shafriza N.B., S.K. Zaaba. (2014). Overcoming Issues of Oil Palm Plantations Manual Work with Ergonomic and Engineering Considerations	2014	<i>Australian Journal of Basic and Applied Sciences, 8(4) Special 2014, Pages: 393-397</i>
45.	Ardalan Shariat, Mehdi Kargarfard, Mahmoud Danaee, <b>Shamsul Bahri Mohd Tamrin</b> . (2014). Intensive Resistance Exercise and Circadian Salivary Testosterone Concentrations among Young Male Recreational lifters	2014	<i>Journal of Strength and Conditioning Research. DOI: 10.1519/JSC.0000000000 0000632.</i>
46.	Adamu MT, <b>Shamsul BMT</b> , Desa MN, Khairani-Bejo S. A Review on Escherichia coli O157:H7- The Super Pathogen	2014	<i>Health and the Environment Journal, Vol 5, No 2: pp 118-134</i>
47.	Nurlzzate, *M.T. <b>Shamsul Bahri</b> , K. Karmegam, Ng Yee Guan, Study on Physiological Effects on Palm Oil Mill Workers Exposed to Extreme Heat Condition,	2015	<i>Journal of Scientific &amp; Industrial Research. Vol 74. July 2015. 406-410</i>
48.	Hassan Sadeghi Naeini, Karmegam Karuppiah, <b>Shamsul Bahri Tamrin</b> and Koustuv Dalal. Ergonomics in agriculture: An Approach in Prevention of Work-related Musculoskeletal Disorders (WMSDs)	2014	<i>Journal of Agriculture and Environmental Sciences, Vol. 3, No. 2, pp. 33-51</i>

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No.	Name/Title	Year	Journal
49.	Ahmad Faisal AHMAD NASARUDDIN, <b>Shamsul Bahri MOHD TAMRIN</b> , Karmegam KARUPPIAH. The Prevalence of Musculoskeletal Disorder and the Association with Risk Factors among Auto Repair Mechanics in Klang Valley	2014	<i>Iranian Journal of Public Health. 2014, Vol 43 (3): 34-41</i>
50.	Nurul Ainun HAMZAH, <b>Shamsul Bahri MOHD TAMRIN</b> , Noor Hassim ISMAIL. Metal Dust Exposure and Respiratory Health of Male Steel Workers in Terengganu, Malaysia	2014	<i>Iranian Journal of Public Health. 2014, Vol 43 (3): 154-166</i>
51.	Irwan Syah MOHD YUSOFF, <b>Shamsul Bahri MOHD TAMRIN</b> , Aini MAT SAID, Yee Guan NG, Mori IPPEI. Oil Palm Workers: Designing Ergonomics Harvesting Tool Using User Centered Design Approach to Reducing Awkward Body Posture by Catia Simulation	2014	<i>Iranian Journal of Public Health. Vol 43 (3): 72-80</i>
52.	Nur Athirah Diyana Mohammad Yusof, Karmegam Karuppiah, <b>Shamsul Bahri Mohd Tamrin</b> . Heat Related Illness in Palm Oil Mill Workers under Heat Stress	2014	<i>Advances in Environmental Biology, 8(15) Special: 171-176</i>
53.	Hafiz Mohamed Hadi, <b>Shamsul Bahri Mohd Tamrin</b> , Karmegam Karuppiah. Hazard and Risk Analysis of Different Sterilizer Technology in Palm Oil Mills.	2014	<i>Advances in Environmental Biology, 8(15) Special 2014 : 85-90</i>
54.	Dayana Hazwani Mohd Suadi Nata and <b>Shamsul Bahri Mohd Tamrin</b> . Assessment on Physiological Effects of Heat Stress among Palm Oil Mill in Tropical Climate Condition	2014	<i>Advances in Environmental Biology, 8(15) Special 2014 : 67-71.</i>
55.	Nurul A Hasan, <b>Shamsul Tamrin</b> , Sharifah Ismail, Ahmad Abdullah. The Evaluation of Heat Stress on Steel Mill Workers through Monitoring of Environmental and Acute Physiological Changes.	2014	<i>Advances in Environmental Biology, 8(15) Special 2014 : 177-183.</i>
56.	Mohd Syafiq Syed Mohamed, <b>Shamsul Bahri, Rahman R.</b> The Efficacy of a Quantitative Cross Cultural Product Design Survey Instrument	2014	<i>Advances in Environmental Biology, 8(15) Special 2014 : 207-212.</i>

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No.	Name/Title	Year	Journal
57.	Umi K.M.S., Karmegam K., <b>Shamsul B.M.T.</b> , Irniza R. and Ayuni N.A. Interventions to Reduce Musculoskeletal Disorders among Motor Vehicle Workers	2014	<i>A Review. Advances in Environmental Biology, 8(15) Special 2014 : 219-224</i>
58.	Ikpegbu Amarachi Mavis, Anita Abdul Rahman & <b>Shamsul Bahri MT.</b> Ergonomics Risks Reduction: In Osh Certified and Uncertified automotive Parts Manufacturing Industry Workers	2014	<i>Middle-East Journal of Scientific Research 22 (9): 1272-1280, 2014.</i>
59.	Roya Latifi Naeini, <b>Shamsul Bahri Hj Mohd Tamrin</b> , Zailina Hashim, Ali Ahmadian Mazraeh. Environmental Noise and the Association with Occupational Stress among Palm Oil Mill Workers	2014	<i>International Journal of Scientific &amp; Engineering Research. 5 (2) 2014: 54-64</i>
60.	Putri Anis Syahira M.J., <b>Shamsul Bahri M.T.</b> and Karmegam K. The Prevalence of Lung Function and Respiratory Symptoms Among Palm Oil Mill Workers	2014	<i>Advances in Environmental Biology, 8(15) Special 2014 : 238-242</i>
61.	Mehdi Kargarfard, Ardalan Shariat, Brandon S. Shaw, Ina Shaw, Eddie T. C. Lam, Ali Kheiri, Amin Eatemadyboroujeni, <b>Shamsul B. M. Tamrin.</b> Effects of Polluted Air on Cardiovascular and Hematological Parameters After Progressive Maximal Aerobic Exercise	2014	<i>Lung. DOI 10.1007/s00408-014-9679-1</i>
62.	Karmegam Karuppiah, Mohd S. Salit, Mohd Y. Ismail, Napsiah Ismail & <b>Shamsul B.M. Tamrin.</b> Evaluation of Motorcyclist's Discomfort during Prolonged Riding Process with and without Lumbar Support	2012	<i>Anais da Academia Brasileira de Ciências (2012) 84(4): 1169-1188</i>
63.	Nurul Ainun Hamzah, <b>Shamsul Bahri Mohd Tamrin</b> , Noor Hassim Ismail. Metal Dust Exposure and Respiratory Symptoms among Steel Workers: A Dose-Response Relationship	2015	<i>International Journal of Collaborative Research on Internal Medicine &amp; Public Health. (2015).Vol 7 (3)</i>
64.	Yee Guan Ng, <b>Shamsul Bahri Mohd Tamrin</b> , Irwan Syah Mohd Yusoff, Zailina Hashim, Baba MD Deros, Shahrman Abu Bakar, Vivien How. Risk factors of musculoskeletal disorders among oil palm fruit harvesters during early harvesting stage	2015	<i>Annals of Agricultural and Environmental Medicine 2015, Vol 22, No 2, 285–291.</i>

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No.	Name/Title	Year	Journal
65.	M.S.S. Mohamed, <b>B.M.T. Shamsul</b> , R. Rahman, N. A. Abdul Jalil, "Issues Surrounding Car Center Stack Designs in Malaysia: An Exploratory Study	2015	<i>Applied Mechanics and Materials</i> , Vol 761, pp. 693-697, May. 2015
66.	A. Shariat, <b>Sh. Bahri Mohd Tamrin</b> , A. Daneshjoo, H. Sadeghi. The Adverse Health Effects of Shift Work in Relation to Risk of Illness/Disease: A Review	2015	<i>Acta Medica Bulgarica</i> . Volume 42, Issue 1, Pages 63–72, ISSN (Online) 0324-1750
67.	Nurul Ainun Hamzah, <b>Shamsul Bahri Mohd Tamrin</b> , Noor Hassim Ismail. Respiratory health of male steel workers in eastern coast of peninsular Malaysia.	2015	<i>American Journal of Applied Sciences</i> . 12 (5): 321.328
68.	LN Muhammad, AB Shahrman, <b>BMT Shamsul</b> , BM Deros, AS Rambely, YG Ng, MR Zuradzman, K Wan, H Desa, EM Cheng, M. Afendi. Conceptual design for oil palm evacuation to improve ergonomics issues of collecting fresh fruit bunch	2015	<i>Applied mechanics and materials</i> , Vol 78, pp 281-286
69.	How V, Zailina Hashim, Patimah 31smail, Dzolkhifli Omar, <b>Shamsul Bahri BMT</b> , Salmiah Md Said. Review of genotoxic effects for pesticides exposure among rural community in a farming village	2015	<i>British Journal of Medicine and Medical Research</i> . Vol 10 no 2
70.	Mehdi Kargafard, Eddite TC Lam, Ardalan shariat, Ina Shaw, Brandon Shaw, <b>Shamsul BM Tamrin</b> . Efficacy of massage on muscle soreness, perceived recovery, physiological restoration and physical performance, in male body builders	2015	<i>Journal of Sport Sciences</i> , 34(10). DOI 10.1080/02640414
71.	Baba Md Deros, Nor Hassanil Hanief Hassan, Dian Darina Indah Daruis & <b>Shamsul Bahri Mohd Tamrin</b> . Incorporating Malaysian's Population Anthropometry Data in the Design of an Ergonomic Driver's Seat	2015	<i>Procedia – Social and Behavioral Sciences</i> 195 2753 – 2760
72.	Ardalan Shariat, <b>Shamsul BMT</b> , Manohar A, Rajesh The Bahasa Melayu Version of Cornell Musculoskeletal Discomfort questionnaire (CMDQ): Reliability and validity study in Malaysia.	2016	<i>Work: Journal of Prevention, Assessment and Rehabilitation</i> . Vol 54(1). 10.3233/WOR-162269



i.Citation Indexed Journal			
No.	Name/Title	Year	Journal
73.	Nurzuhairiza Zolkifli, <b>Shamsul Bahri Mohd Tamrin</b> , Ng Yee Guan, Nur Shuhada Mohd Shukoor, Nur Fitriyah Md Akir, Ng Gin Siong, Nur Sabrina Mohd Nasir. Knowledge, Attitude And Practice On The Usage Of Safety Helmet Among Oil Palm Harvesters	2016	<i>Malaysian Journal of Public Health Medicine 2016, Special Volume 1: 44-49</i>
74.	Nur Fitriyah Muhamad Akir, <b>Shamsul Bahri Mohd Tamrin</b> , Ng Yee Guan, Vivien How and NurZuhairiza Zolkifli. The Effect Of Using Dual Screen Computer Panel To The Neck-Shoulder Muscle Activity Among Group Of Students	2016	<i>Iran Journal of Public Health. Vol. 45, Suppl. Issue No. 1, Feb 2016, pp.61-67</i>
75.	Nur Sabrina Mohd Nasir, <b>Shamsul Bahri Md Tamrin</b> , Kulanthayan Subramaniam, Nor Shuhada Shukoor, Zuhairiza Zolkifli, Gin Siong Ng, Nur Fitriyah Muhamad Akir, Gede Pramudya Ananta. Association of workplace stressors with salivary alpha-amylase activity levels among fresh fruit bunch cutters in Selangor	2016	<i>Iran Journal of Public Health. Vol. 45, Suppl. Issue No. 1, Feb 2016, pp.68-76</i>
76.	Hamdan Bin Haji Ramat*, <b>Shamsul Bahri Bin Hj. Mohd Tamrin</b> , Mohd Rafee Bin Baharuddin and Mansor Bin Ahmad (2015). A preliminary result of occupational safety and health management system compliance among gas contractor (Petroleum Pipeline) in Peninsular Malaysia	2015	<i>International Journal of Current Research and Academic Review. Special issue (1). 38-43</i>
77.	Hamdan Bin Ramat; <b>Shamsul Bahri Bin Mohd Tamrin</b> ; Mohd Rafee Bin Baharuddin; Mansor Bin Ahmad (2014). Questionnaires results for data consolidation on occupational safety and health management system among gas contractor in peninsular Malaysia	2014	<i>Journal of Occupational Safety and Health (Volume 11, No. 1, 2014, Pages 39 to 45</i>
78.	M. S. S. Mohamed, R. Rahman, <b>B. M. T. Shamsul</b> , Nawal Aswan Abdul Jalil, and Aini Mat Said. (2015) Investigation of Malaysian Consumers' Personal Values Related to Car Interiors	2015	<i>Adv. Sci. Lett. 21, Vol 77 (27) 1628-1632</i>
79.	<b>Shamsul Bahri MOHD TAMRIN</b> , Nurul Ain ZALI, Karmegam KARUPPIAH. The Relationship between Vibrotactile Perception and Chemical Exposure among Vehicle Service Technicians in Klang Valley, Malaysia	2016	<i>Iran J Public Health, Vol. 45, Suppl. Issue No. 1, Feb 2016, pp.25-34</i>
80.	Ayuni Nabilah ALIAS, *Karmegam KARUPPIAH, <b>Shamsul Bahri MOHD TAMRIN</b> , Emilia ZAINAL ABIDIN, Umi Kalsom MOHD SHAFIE, Sivasankar SAMBASIVAM. Risk Factors of Muscular Discomfort among Motorcyclist- Review Article	2016	<i>Iran J Public Health, Vol. 45, Suppl. Issue No. 1, Feb 2016, pp.35-43</i>



i. Citation Indexed Journal			
No.	Name/Title	Year	Journal
81.	Nor Ashikin SOPIAN, Juliana JALALUDIN, <b>Shamsul Bahri MOHD TAMRIN</b> . Risk of Respiratory Health Impairment among Susceptible Population Living near Petrochemical Industry- A Review Article	2016	<i>Iran J Public Health, Vol. 45, Suppl. Issue No. 1, Feb 2016, pp.9-16</i>
82.	Ardalan SHARIAT, <b>Shamsul BAHRI MOHD TAMRIN</b> , Manohar ARUMUGAM, Rajesh RAMAS AMY, Mahmoud DANAEE. Package of Office Exercise Training as a New Idea for Office Workers	2016	<i>Iran J Public Health, Vol. 45, No.4, Apr 2016, pp.544-545</i>
83.	Umi Kalsom Mohd Shafiei, Karmegam Karuppiah, <b>Shamsul Bahri Mohd Tamrin</b> , Goh Yong Meng, Irniza Rasdi, Ayuni Nabilah Alias. The Effectiveness Of New Model Of Motorcycle Seat With Built-In Lumbar Support	2016	<i>Jurnal Teknologi (Sciences &amp; Engineering) 77:27 (2015) 97–103</i>
84.	Ayuni Nabilah Alias, Karmegam Karuppiah, <b>Shamsul Bahri Mohd Tamrin</b> , Emilia Zainal Abidin, Umi Kalsom Mohd Shafiei. A Systematic Review Of Intervention To Reduce Musculoskeletal Disorders: Hand And Arm Disorders	2016	<i>Jurnal Teknologi (Sciences &amp; Engineering) 77:27 (2015) 105–111</i>
85.	Ardalan Shariat, <b>Shamsul Bahri Mohd Tamrin</b> , Manohar Arumugam, Mahmoud Danaee, Rajesh Ramasamy. Musculoskeletal Disorders And Their Relationship With Physical Activities Among Office Workers: A Review	2016	<i>Malaysian Journal of Public Health Medicine 2016, Vol. 16 (1): 62-74</i>
86.	Ardalan Shariat, <b>Shamsul Bahri Mohd Tamrin</b> , Manohar Arumugam, Mahmoud Danaee, Rajesh Ramasamy. The Need For Evidence-Based Exercise Prescription For Office Workers	2016	<i>Malaysian Journal of Public Health Medicine 2016, Vol. 16 (3): 52-55</i>
87.	Shamsul Bahri Mohd Tamrin, Nor MaizuraYusoff, Anita Abd Rahman, Dayana Hazwani MSN, Mansour A. Balkhyour. The Prevalence Of Hand Arm Vibration Syndrome Among Automobile Assembly Workers	2016	<i>Malaysian Journal of Public Health Medicine 2016, Volume 16 (Suppl. 2): 128-136</i>
88.	Sukadarin EH, Deros BM, Naw NSM, Tamrin SBM, Bakar SA, Rambely AS. Pen and paper based observational method to assess postural problems: a review.	2016	<i>Malaysian Journal of Public Health Medicine 2016, Volume 16 (Suppl. 2): 78-83</i>

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89.	Ardalan SHARIAT, Shamsul Bahri MOHD TAMRIN, Manohar ARUMUGAM2, Mahmoud DANAEE, Rajesh RAMASAMY. Office Exercise Training to Reduce and Prevent the Occurrence of Musculoskeletal Disorders among Office Workers: A Hypothesis	2016	<i>Malays J Med Sci.</i> 2016; 23(4):xx-xx. Doi: 10.21315/mjms2016.23.4.7
90	Vivien How, Zailina Hashim, Patimah Ismail, Dzolkhifli Omar, Salmiah Md Said, and Shamsul Bahri Mohd Tamrin Characterization of risk factors for DNA damage among paddy farm workers exposed to mixture of organophosphate	2015	<i>Archives Of Environmental &amp; Occupational Health</i> Vol. 70 , Iss. 2. Doi.org/10.1080/19338244.2013.823905
91	How V, Hashim Z, Ismail P, Md Said S, Omar D, Bahri Mohd Tamrin S. Exploring cancer development in adulthood: cholinesterase depression and genotoxic effect from chronic exposure to organophosphate pesticide	2014	<i>Journal Agromedicine.</i> 19(1):35-43. Doi: 10.1080/1059924X.2013.866917.
92.	Nurul Ainun Hamzah, Shamsul Bahri Mohd Tamrin & Noor Hassim Ismail. Metal dust exposure and lung function deterioration among steel workers: an exposureresponse relationship	2016	<i>International Journal of Occupational and Environmental Health, DOI: 10.1080/10773525.2016.1207040</i>
93.	Adamu Mt, Shamsul BMT, Desa MN, Khairani Bejo S. Evaluation of potential public health risk associated with waste water treatment in some halal abattoirs of Malaysia	2016	<i>Indian Journal of Public Health reseach &amp; development, vol 7(3)</i>
94.	Nur Syazwani MN1, Baba MD, Mohd Nizam AR, Ezrin Hani S, Norani N, Shamsul Bahri MT, Shahrman AB, Azmin Sham R. ergonomic risk assessment of manual handling tools by oil palm collectors and loaders	2016	<i>Malaysian Journal of Public Health Medicine</i> 2016, Volume 16 (Suppl. 2): 56-60
95.	A. Shariat, Sh. Bahri Mohd Tamrin, M. Arumugam, M. Danaee and R. Ramasamy Prevalence Rate Of Musculoskeletal Discomforts Based On Severity Level Among Office Workers	2016	<i>Acta Medica Bulgarica,</i> Vol. XLIII, 2016, № 1 // Original articles

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96	MSS. Mohamed, <b>Shamsul B.M.T</b> , Rahman, R, Aini M.S. and Nawal Aswan Abdul Jalil. Integrating usability in automotive navigation user interface design via Kansei Engineering	2016	Modern Applied Science: Vol. 10, No. 7: 2016
97	M.Y Iskandar and B.M.T Shamsul. Developing Ergonomics Intervention For Improving Safety and Health Among Smallholders in Melaka Oil Palm Plantation: A Participatory Action Oriented Approach.	2016	<i>Malaysian Journal of Public Health Medicine</i> 2016, Accepted
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99	Ng Y.G., Shamsul B.M.T., Jamalohdin M.N. Comparison Of Diagnostic Method Of Evaluating Vibration Induced Sensorineural Impairment Among Shipyard's Grinders	2016	<i>Malaysian Journal of Public Health Medicine</i> 2016, Accepted
100.	Putri Anis Syahira M.J., Karmegam K., Irniza R., <b>Shamsul Bahri M. T.</b> and Sivasankar S. Review of Respiratory Health Problems Among Traffic Policemen in Malaysia	2016	Indian J. Environmental Protection, Vol. 36, No. 11:880 -886
101.	Haroun Zerguine , Juliana Jalaludin, <b>Shamsul Bahri Mohd Tamrin</b> Behaviour Based Safety Approach And Factors Affecting Unsafe Behaviour in Construction Sector: A Review	2016	Asia Pacific Environmental and Occupational Health Journal. Vol. 2(2): 1-12
102.	Nurul, Ainun Hamzah, <b>Bahri Mohd Tamrin</b> , Noor Hassim, Ismail Assessment of dust exposure in a steel plant in the eastern coast of peninsular Malaysia	2016	WORK. Vol. 55(3): 655-622

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103.	Nur Athirah D.M.Y., Karmegam K., <b>Shamsul B. M. T.</b> , Shahmi R., Sivasankar S., Putri A. S. Risk factors of musculoskeletal disorders (MSD) among palm oil mill workers	2016	UPM Sage Publications Young Writer's Awards 2015. 158-175
104.	Mohamed, M. S. S.; <b>Shamsul, B. M. T.</b> ; Rahman, R.; Jalil, Nawal Aswan Abdul; Said, Aini Mat Determination of Salient Variables Related to Automotive Navigation User Interface Research Survey for Malaysian Consumers	2015	Advanced Science Letters, Vol 21(6): 2089-2091
105.	S. Sivasankar, K. Karmegam, <b>M.T.S. Bahri</b> , S. Kulanthayan, Z.A. Emilia, H.N. Sadeghi, A.K. Haszeme, S.M Ya Children Pillion Rider Safety Awareness among Motorcycle Users in Malaysia	2016	International Journal of Vehicle Structures & Systems. Vol 8 (3): 150-156
106.	K. Karmegam, S. M. Sapuan, M. Y. Ismail, N. Ismail, <b>M. T. Shamsul Bahri</b> and P. Seetha Motorcyclist's Riding Discomfort in Malaysia: Comparison of BMI, Riding Experience, Riding Duration and Riding Posture	2013	Human Factors and Ergonomics in Manufacturing & Service Industries Vol 23(4): 267-278
107.	Ng Yee Guan, MSS Mohamed, <b>Shamsul B.M.T.</b> , Challenges in Establishing the Professional Ergonomist Certification Scheme in Malaysia	2017	The Japanese Journal of Ergonomics Vol.53, Supplement: 42-47
108.	E.Shair, M. H. Marhaban, <b>Shamsul B.M.T.</b> , Siti A. Ahmad; S. A. Ahmad, Siti Anom Ahmad. EMG Processing Based Measures of Fatigue Assessment during Manual Lifting: A Review	2017	BioMed Research International Vol 12: 1-10
109.	Nur Adilla Ab Hadi, <b>Shamsul Bahri Md Tamrin</b> , Ng Yee Guan, Vivien How, Rozana Abd Rahman. Association between Non-Reporting of Accident and Contributing Factors in Malaysia's Construction Industry	2017	The Japanese Journal of Ergonomics Vol.53, Supplement: 648-651

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111.	E. F. Shair, A. Ahmad, M. H. Marhaban, <b>S. B. Mohd Tamrin</b> , and A. R. Abdullah EMG Processing Based Measures of Fatigue Assessment during Manual Lifting	2017	BioMed Research International Volume 2017, Article ID 3937254, 12 pages <a href="https://doi.org/10.1155/2017/3937254">https://doi.org/10.1155/2017/3937254</a>
112.	Shair, E. F., Ahmad, S. A., Abdullah, A. R., Marhaban, M. H. and <b>Mohd Tamrin, S. B.</b> Impact of Different Lifting Height and Load Mass on Muscle Performance using Periodogram	2017	Pertanika J. Sci. & Technol. 25 (S): 1 - 8 (2017)
113.	M.Y. Ishkandar, Yee Guan Ng, <b>B.M.T. Shamsul</b> Malaysia Occupational Safety and Health Status in Agriculture: Overview	2017	The Japanese Journal of Ergonomics Vol.53, Supplement: 656-659
114.	M K Faiz, A B Shahrman, M S Abdul Majid, Z A Ahmad, <b>B M T Shamsul</b> , YG Ng The effect of alkaline treatments soaking time on oil palm empty fruit bunch (OPEFB) fibre structure	2017	Journal of Physics: Conf. Series 908 (2017) 012033 doi :10.1088/1742-6596/908/1/012033
115.	Ardalan Shariat, Joshua A. Cleland, Mahmoud Danaee, Mehdi Kargarfarde, Bahram Sangelaji, <b>Shamsul Bahri Mohd Tamrin</b> Effects of stretching exercise training and ergonomic modifications on musculoskeletal discomforts of officeworkers: a randomized controlled trial	2017	Brazilian Journal of Physical Therapy 2017; xxx(xx):xxx---xxx <a href="http://dx.doi.org/10.1016/j.bjpt.2017.09.003">http://dx.doi.org/10.1016/j.bjpt.2017.09.003</a>

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117.	Shariat, Ardalan, Lam Eddie T.C, Kargarfard, Mehdi, <b>Tamrin, Shamsul B.M.</b> , Danaee, Mahmoud The application of a feasible exercise training program in the office setting	2017	Work, vol. 56, no. 3, pp. 421-428, 2017
118.	Nur Athirah Diyana, Karmegam Karuppiah, Irniza Rasdi, Sivasankar Sambasivam, <b>Shamsul Bahri Mohd Tamrin</b> , Kulanthayan K. C. Man2, Putri Anis Syahira, Ihtifazuddeen Azmi Vibration exposure and work-musculoskeletal disorders among traffic police riders in Malaysia: A review	2017	Annal of Tropical Medicine and Public Health, Volume : 10 (2), Page : 334—340
119.	S. Sivasankar, K. Karmegam, <b>M. T. Shamsul Bahri</b> , H.Sadeghi N., S. Kulanthayan, Z.A. Emilia, A.P. Puvanasvaran, MengYa Su How Safe Are Our Children In Vehicles On The Road? A Malaysian Perspective	2017	Malaysian Journal of Public Health Medicine 2017, Special Volume (1): 63-71
120.	Putri Anis Syahira M.J., Karmegam K., Irniza R., <b>Shamsul Bahri M. T.</b> and Sivasankar S. Review of Respiratory Health Problems Among Traffic Policemen in Malaysia	2106	Indian J. Environmental Protection, Vol. 36 (11), pp: 880 – 887

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121.	Chiang L.J, <b>Shamsul B.M.T</b> , Zarida H, Ridhuan MD, Rosnan H, Yunus A, & Roslan S. Urinary Nickel And Carcinoembryonic Antigen Among Welders In A Metal Based Automotive Parts Manufacturing Plant	2002	<i>Malaysian Journal of Public Health Medicine</i> 2 (Suppl) 15. pp 1
122.	Mahani M, Heryati A.H & <b>Shamsul B.M.T</b> . Exposure to noise and the effect to standard hearing threshold among male workers at Electrical Power Station in Kuching, Serawak	2003	<i>Malaysian Journal of Public Health Medicine.</i> Vol 3 (Suppl) pp 45
123.	Rosnan H, Sim L.L, <b>Shamsul B.M.T</b> , Juliana J & Heryati H. Single day exposure to Organophosphate and Carbamate in spraying and health effects among pesticide applicators in three oil palm estates	2003	<i>Malaysian Journal of Public Health Medicine.</i> Vol 3 (Suppl) pp 49
124.	<b>Shamsul B.M.T</b> , Mohd R.A., Rasidah B. M.,Rosnan H, Shamsul B.S, Yunus A & Rosniza M.M. Getaran Seluruh Badan dan kesannya ke atas otot erektor spina di kalangan pemandu bas di Negeri Kelantan	2003	<i>Malaysian Journal of Public Health Medicine.</i> Vol 3 (Suppl) pp 53
125.	<b>Shamsul B.M.T</b> , Mohd NM, Rashidah B.M, Rosnan H, Shamsul BS, Yunus A & Rosniza MM. Spinae Erector muscles activities and its association with the prevalence of low back pain among nurses in USM Hospital, Kelantan	2003	<i>Malaysian Journal of Public Health Medicine.</i> Vol 3 (Suppl ) pp 53
126.	Rosnan H, Muznita M, <b>Shamsul B.M.T</b> & Shamsul B.S. Exposure to high temperatures and its effect on physiological changes among automotive parts factory workers in Klang	2003	<i>Journal of Public Health Medicine.</i> Vol 3 (Suppl) pp 49
127.	Rosnan H, Asif Y, <b>Shamsul B.M.T</b> & Mohd Rotpi A. Whole Body Vibration And It's Effect On The Trapezius Muscles Among Public Transport Drivers.	2003	<i>Malaysian Journal of Public Health Medicine.</i> Vol 3 (Suppl) pp 49 – 50
128.	Heryati A.H, Ning C.Y, <b>Shamsul B.M.T</b> & Juliana J. Neurobehavioral effect of exposure to organic solvents among male printing factory workers in Selangor	2003	<i>Malaysian Journal of Public Health Medicine.</i> Vol 3 (Suppl) pp 41
129.	Heryati A.H, Lim C.H, <b>Shamsul B.M.T</b> & Juliana J. Neurobehavioral effects among workers exposed to organic solvents in a textile factory in Johor	2003	<i>Malaysian Journal of Public Health Medicine.</i> Vol 3 (Suppl) pp 42

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130.	<b>Shamsul BMT.</b> Recent Trend in Ergonomics Research: Methodological Issues.	2005	<i>Malaysian Journal of Public Health Medicine. Vol 5 (Suppl 3) pp 15</i>
131.	Edimansyah BA, Rusli BN, Naing L, Mazlan BA, KG Rampal, <b>Shamsul BMT</b> , Nik KR, Ahmad SBY, Azwan BA, Mazalisah BM & Kamarudin BH. The quality of life of the automotive assembly workers in Malaysia	2005	<i>Malaysian Journal of Public Health Medicine. Vol 5 (Suppl 3) pp 15</i>
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133.	Nasir S, Azlihanis AH, Mazlan A, Aziah AM, Zainul AH, Razlan M, Azwan A, Rusli N, Naing L, <b>Shamsul BMT</b> , Rampal KG & Zulfazli H. Relationship of respiratory symptoms and lung function test among workers in rice mills	2005	<i>Malaysian Journal of Public Health Medicine. Vol 5 (Suppl 3) pp 34</i>
134.	<b>Shamsul BMT</b> , Wan CZWH, Lucy D, Jenny MM, Siti SH, Salawati Y, Juliana J, Nizam J, Nasaruddin AZ, Rosnan H, Rizal AR, Yunus A, Rusli N, Ayub N & Mazlan A. The effectiveness of lumbar support, soft cushion and rubber mat to reduce muscle fatigue and whole body vibration among bus drivers	2005	<i>Malaysian J. P. Health. Vol 5(Suppl 3) pp 38</i>
135.	Edimansyah BA, Rusli BN, Naing L, Mazlan BA, KG Rampal, <b>Shamsul BMT</b> , Nik KR, Ahmad SBY, Azwan BA, Mazalisah BM & Kamarudin H. Job strain and associated factors in automotive assembly workers in Selangor	2005	<i>Malaysian Journal of Public Health Medicine. Vol 5(Suppl 3) pp 39</i>
136.	Juliana J, Mohamad A, Salawati Y, Abdah MA, Nasaruddin AA & <b>Shamsul BMT.</b> , The relationship if fine particle (PM2.5) exposure to lung function among public bus driver in Klang Valley	2005	<i>Malaysian Journal of Public Health Medicine. Vol 5 (Suppl 3) pp 42</i>
137.	Juliana J, Abdah MA, Kavitha M, Salawati Y, Nasaruddin AA & <b>Shamsul BMT.</b> Relationship between exposure to ultrafine particles and interleukin -6 among bus drivers in Klang Valley	2005	<i>Malaysian Journal of Public Health Medicine. Vol 5 (Suppl 3) pp 43</i>



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No.	Name/Title	Year	Journal
138.	<b>Shamsul BMT</b> , Siti SH, Daliana D, Nasaruddin AA, Juliana J, Rosnan H, Yunus A, Wan CZWH, Salawati Y, Azlan A, Nizam J, Mohd RAM, Rusli N, Ayub N & Mazlan A. Physical And Mental Stress And Its Relationship With Body Physiological Changes Among Bus Drivers In Kota Bharu, Kelantan	2005	<i>Malaysian Journal of Public Health Medicine. Vol 5 (Suppl 3) pp 45</i>
139.	<b>Shamsul BMT</b> , Siti SH, Puteri YMY, Nasaruddin AA, Juliana J, Rosnan H, Yunus A, Salawati Y, Wan CZWH, Azlan A, Nizam J, Mohd RAM, Rusli N, Ayub N & Mazlan A. OWAS (Ovaco Working Posture Analysis) Of Prolonged Sitting And The Association With The Prevalence Of Low Back Pain Among Commercial Vehicle Drivers	2005	<i>Malaysian Journal of Public Health Medicine. Vol 5 (Suppl 3) pp 50</i>
140.	<b>Shamsul BMT</b> , Nor HR, Wan CZWH, Siti SH, Azlan A, Nasaruddin AZ, Juliana J, Rosanan H, Nizam J, Mohd RAM, Yunus A, Rusli N, Ayub N & Mazlan A. The role of transcutaneous electro nerve stimulation (TENS) in reducing erector spinae muscle fatigue among commercial vehicle drivers	2005	<i>Malaysian J. P. Health. (2005) 5(Suppl 3) pp 38</i>
141.	Nurul AH, <b>Shamsul BMT</b> , Rosnan H & Tengku MA. Relationship of heat stress and physiological changes among males workers in an automotive manufacturing plant in Shah Alam, Selangor	2005	<i>Journal of Public Health Medicine. Vol 5 (Suppl 3) pp 53</i>
142.	Nurul AH, Azlihanis AH, Mazlan A, Aziah AM, Zainul AH, Razlan M, Azwan A, Rusli N, Naing L, <b>Shamsul BMT</b> , Rampal KG & Nasir S. The Effects Of Smoking On Lung Function Among Workers In A Steel Factory	2005	<i>Malaysian Journal of Public Health Medicine. Vol 5 (Suppl 3) pp 56</i>
143.	Edimansyah BA, Rusli BN, Naing L, Mazlan BA, KG Rampal, <b>Shamsul BMT</b> , Nik KR, Ahmad SBY, Azwan BA, Mazalisah BM & Kamarudin H. Reliability and concurrent Validity of the Malay version of depression anxiety stress scale (DASS) in automotive assembly workers in Malaysia	2005	<i>Malaysian Journal of Public Health Medicine. Vol 5 (Suppl 3) pp 58</i>
144.	Juliana J, Zainuddin Z, Salawati Y, Nasaruddin AA, <b>Shamsul BMT</b> , Norela S., Azman ZA & Rozali MO. Indoor Air quality inside buses and its implications to respiratory health among bus drivers in Klang Valley	2005	<i>Malaysian Journal of Public Health Medicine. Vol 5 (Suppl 1) pp 60</i>

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145.	Mazalisah M, Rusli N, Lin Naing, Mazlan A, KG Rampal, <b>Shamsul BMT</b> , Edimansyah A, Nik Khairol Reza MY, Ahmad Syaarani Y, Azwan A & Kamarudin H. Lung function status among workers in Batik Industry	2005	<i>Malaysian Journal of Public Health Medicine. Vol 5 (Suppl3) pp 61</i>
146.	Siti. SH, Wan CZWH, <b>Shamsul BMT</b> , Nasaruddin AZ, Juliana J, Rosnan H, Mohd NJ, Mohd RAM & Yunus A. Prevalance of musculoskeletal disorder among Malaysian Commercial Vehicle Drivers	2005	<i>Malaysian Journal of Public Health Medicine. Vol 5 (Suppl 1) pp 50</i>
147.	Wan CZWH, Hamiraj AF, <b>Shamsul BMT</b> , Rosnah MY, Nasaruddin AZ, Juliana J, Rosnan H & Yunus A. Anthropometric Measurement of Malaysian Bus drivers for Malaysian Bus Seat Design	2005	<i>J. Malaysian Journal of Public Health Medicine. Vol 5 (Suppl 1) pp 50</i>
148.	Zainuddin Z, Juliana J, Salawati Y, Nasaruddin A.A, <b>Shamsul BMT</b> , Norela S, Azman ZA & Rozali M.O. Indoor Air Quality Inside Buses and Its Implicaions to respiratory Health among Drivers in Klang Valley	2005	<i>Malaysian Journal of Public Health Medicine. Vol 5 (Suppl 1) pp 51</i>
149.	Kavitha M, Juliana J, Abdah MA, <b>Shamsul BMT</b> , Nasaruddin AA, Nizam J, Rusli N, Naing L & Mazlan A. Study on Inflammation Biomarkers Of Exposure to Particulate Matter Among Bus Drivers At Klang Valley	2007	<i>Malaysian Journal of Public Health Medicine. Vol 7 (Suppl 3)</i>
150.	Nurul Izzah AH & <b>Shamsul Bahri MT</b> . Relationship Between Heat Exposure and Occupational Stress Among Automotive Factory Workers in Selangor.	2007	<i>Malaysian Journal of Public Health Medicine. Vol 7(Suppl 3). pp 29</i>
151.	Nurul Asyiqin & <b>Shamsul Bahri MT</b> . Working posture and musculoskeletal disorders among Fisheries Jetty workers in Kuala Rompin, Pahang	2007	<i>Journal of Public Health Medicine 7 (Suppl) pp 28.</i>
152.	Juliana J, Salawati Y, <b>Shamsul BMT</b> , Kavitha M, Nasaruddin AA, Nizam J, Yunus A, Mohd RM, Rusli N, Naing L & Mazlan A. Indoor Air Quality of Buses and its Implications to Respiratory Health among Drivers in peninsular	2007	<i>Journal of Public Health Medicine. Vol 7 (Supp 3) pp 33</i>
153.	<b>Shamsul Bahri MT</b> , Yokoyama K, Hanafi SS, Jalaludin J, Aziz N, Hamzah R, Jemoin MN & Nordin R. Evaluation and Prevention of Occupational Injuries among commercial vehicle drivers	2007	<i>Journal of Public Health Medicine. Vol 7 (Supp 3) pp 17</i>

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154.	Dahlan, I., <b>B.M.T. Shamsul</b> and Aidi M. Buffalo draught power for oil palm plantations.	1997	<i>Buffalo Bulletin, Vol 16 (3) pp 64-67</i>

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155.	Nurul AH, Tengku MA, <b>Shamsul BMT</b> & Rosnan H. A study on Healt stress and physiological changes among male workers in automotive manufacturing plant in Shah Alam, Selangor	2006	Journal of Occupational Safety and Health, Vol 3(1), pp 13-20 Non sin
156.	Wan, C.Z.W.H., <b>Shamsul B.M.T.</b> , Hamiraj F.A.H., and Rosnah M.Y & Ahmad R.A.R. An ergonomic bus driver's seat fitted to a biomechanical lumbar suppor	2008	Asian Journal of Ergonomics, Vol 8, pp 47-66 lor senior
157.	K. Karmegam, M.Y. Ismail, S.M. Sapuan, N. Ismail, <b>M.T. Shamsul Bahri, S. Shuib &amp; P.Seethae</b> . A study on motorcyclist's riding discomfort in Malaysia	2009	Engineering e-Transaction Vol 4 (1). pp 39-46.
158.	Syed Mohamed MS, <b>Shamsul BMT</b> & Rahman R. The suitability of cross cultural models in predicting car center stack design preferences	2013	International Journal of Educational research. Vol 1 (6): PP 12
159.	Fatin Nasuha Abdul Rahim, <b>Shamsul Bahri Mohd Tamrin</b> Association Between Ergonomic Risk Factors And Musculoskeletal Discomfort Among The Hostel's Residence Of University Putra Malaysia	2016	Malaysian Journal of Human Factors and Ergonomics 2016, Vol. 1 (1): 77 -85
160.	<b>Shamsul Bahri Mohd TAMRIN</b> , Nur Sabreena ZAKARIA The Prevalence Of Carpal Tunnel Syndrome Among Counter Workers In Telecommunication Company	2016	Malaysian Journal of Human Factors and Ergonomics 2016, Vol. 1 (1): 68 – 76
161.	Alwis N, Muhammad Syafiq Syed Mohamed and <b>Shamsul BMT</b> Usability Evaluation Of New Kansei Interface Feature Versus. Existing Interface Feature In Automotive Navigation System	2016	Malaysian Journal of Human Factors and Ergonomics 2016, Vol. 1 (1): 9 - 15

162.	Ahmad Syamil Mohd HAMID, <b>Shamsul Bahri Mohd TAMRIN</b> A Proposed Recommended Weight Limit For Lifting Activities Among Young Asian Adults	2016	Malaysian Journal of Human Factors and Ergonomics 2016, Vol. 1 (1): 62 - 67
163.	Irwan Syah, Md YUSOFF, Ahmad Zuhairi ABDUL MAJID, <b>Shamsul Bahri Mohd TAMRIN.</b> Determinants of characteristics and discomfort on seating posture among elderly taxi drivers: A pilot study result	2016	Malaysian Journal of Human Factors and Ergonomics 2016, Vol. 1 (1): 86-96
164.	Ammar ADNAN, Roya LATIFI, <b>Shamsul Bahri MOHD TAMRIN</b> , Yee Guan NG, Khairul Nazri ABD WAHIB, Ahmad Rizal ABDUL RAHMAN2, Shahrman ABU BAKAR A CASE STUDY OF ON THE USAGE OF SAFETY HELMET AMONG AGRICULTURAL WORKERS IN PALM OIL PLANTATION	2016	Malaysian Journal of Human Factors and Ergonomics 2016, Vol. 1 (2): 53 - 57
165.	Ayman Albeeli, <b>Shamsul Bahri Mohd Tamrin</b> , Ng Yee Guan, Karmegam Karuppiah Potential Of Participatory Ergonomic Intervention Approaches To Reduce Work-Related Musculoskeletal Disorders Among Office Workers: A Review	2017	Malaysian Journal of Human Factors and Ergonomics 2017, Vol. 2 (2): 1-14
166.	Quinta Ewoh ENCHO, Rozanah AB. RAHMAN, <b>Shamsul Bahri MOHD TAMRIN</b> , Vivien HOW Safety At Work And Current Legal Framework For The Transport Sector In Anglophone Cameroon	2017	Human Factors and Ergonomics Journal 2017, Vol. 2 (3): 34 – 38
167.	Ardalan Shariat, <b>Shamsul Bahri Mohd Tamrin</b> , Mahmoud Danaee Absence Of Physical Exercise And Incidence Of Musculoskeletal Discomforts Among Office Workers: A Short Review	2016	Malaysian Journal of Human Factors and Ergonomics 2017, Vol 1 (2) : 16 – 21
168.	Nur Aisyah binti ALIAS, Yee Guan NG, <b>Shamsul Bahri Md TAMRIN</b> The Ergonomics Of Seat Design In Lecture Hall At Faculty Of Medicine And Health Sciences (Fmhs), Universiti Putra Malaysia (Upm)	2017	Malaysian Journal of Human Factors and Ergonomics 2017, Vol. 2(2): 34 - 40

Iv. Books, Technical Report & Paper Cutting			
No.	Title	Year	Publisher
1.	Faktor risiko Ergonomik dengan kesan kesihatan di kalangan pengguna unit paparan video (VDU) bagi kakitangan kerajaan di Malaysia	2009	Department of Occupational Safety and Health, Ministry of Human Resource
2.	Faktor risiko ergonomik dengan masalah kecederaan belakang bawah akut dan kronik di kalangan jururawat di Malaysia	2009	Department of Occupational Safety and Health, Ministry of Human Resource
3.	The effect of prolong sitting from ergonomics aspect among office workers	2008	Department of Occupational Safety and Health, Ministry of Human Resource
4.	Malaysian Occupational and Safety Profile 2009: Summary version	2010	Department of Occupational Safety and Health, Ministry of Human Resource
5.	Malaysian Occupational and Safety Profile 2009: Complete version	2010	Department of Occupational Safety and Health, Ministry of Human Resource
6.	Ergonomic Assessment: Emerson Process Management & Manufacturing (M) Sdn. Bhd	2008	Emerson Process Management & Manufacturing (M) Sdn. Bhd
7.	Ergonomics Assessment: Malaysian Transformer Manufacturing Sdn Bhd	2009	Malaysian Transformer Manufacturing Sdn Bhd
8.	Ergonomics Assessment: Elektrisola (M) Sdn Bhd	2010	Elektrisola (M) Sdn Bhd
9.	Health Promotion manual: Manual Pencegahan Sakit Pinggang di kalangan Pemandu Kenderaan Komersil.	2007	National Occupational Risk Management Study (NORMS), MOSTI
10.	Health Promotion manual: Tata amalan Keselamatan dan kesihatan Pekerjaan bagi sector pengangkutan	2010	National Occupational Risk Management Study (NORMS), MOSTI, DOSH & MOHR
11.	CBSB ERGO SEAT, Kurangkan sakit belakang bawah pemandu kenderaan komersil	2007	Majalah Millenia
12.	Kerusi bas untuk pemandu kenderaan komersil	2008	Harian Kosmo
13.	Whole body vibration exposure assessment (North Port Sdn Bhd).	2010	North Port Sdn Bhd
14.	Initial Noise Monitoring Survey at the Universiti Tenaga Nasional (UNITEN).	2010	UNITEN

15.	Indoor Air Quality Assessment at <i>Tenaga Switchgear Sdn Bhd</i>	2010	UNITEN
16.	Initial Noise Monitoring	2011	Tenaga Nasional Berhad
17.	Initial Noise Monitoring	2011	George Jordan Malaysia Sdn. Bhd.
18.	Chemical Health Risk Assessment Report for Georg Jordan	2011	George Jordan Malaysia Sdn. Bhd.
19.	Office Ergonomics Assessment at International Islamic University, Malaysia	2011	Student Development Division, International Islamic University Of Malaysia.
20.	Initial Noise Monitoring	2011	JCY HDD Technology Sdn. Bhd.
21.	Chemical Health Risk Assessment Report	2011	JCY HDD Technology Sdn. Bhd.
22.	Assessment of Exhaust Air Monitoring for Dust	2011	JCY HDD Technology Sdn Bhd
23.	Indoor Air Quality Assessment at Malaysia Transformer Manufacturing Sdn Bhd.	2010	Transformer Manufacturing Sdn. Bhd.
24.	Chemical Health Risk Assessment Report	2013	Technofit Sdn Bhd.
25.	Office Ergonomics Assessment Report	2013	Murphy oil, KLCC
26.	Ergonomics Assessment Repor	2013	Jabatan Ukur dan Pemetaan Malaysia
27.	Application of anthropometry database in developing ergonomics furniture in school: A case study in Malaysian Anthropometry Research	2013	Published by NIOSH (Malaysia)
28.	Occupational Safety And Health In Commodity Agriculture: Case Studies From Malaysian Agricultural Perspective	2015	UPM
29.	Ergonomics Assessment Report	2014	SOCOSO SG Petani
30.	Ergonomics Assessment Report	2014	TELEKOM (Malaysia)
31.	Ergonomics Assessment Report	2015	SOCOSO Alor Setar
32.	Ergonomics Assessment Report	2015	Malaysian Airport Berhad

33.	Office Ergonomics Assessment report	2015	Sime Darby Jomalina
34.	Manual Handling Ergonomics Assessment report	2015	Sime Darby Jomalina
35.	Office Ergonomics Assessment report	2015	KLIA - Malaysian Airport Berhad (Sepang)
36.	Manual Handling Ergonomics Assessment report	2015	KLIA - Malaysian Airport Berhad (Sepang)
37.	Office Ergonomics Assessment report	2015	Sime Darby NURI Refinery
38.	Manual Handling Ergonomics Assessment report	2015	Sime Darby NURI Refinery
39.	Office Ergonomics Assessment report	2015	UITM Shah Alam Fakulti Kejuruteraan
40.	General ergonomics assessment report	2015	UITM Shah Alam Fakulti Kejuruteraan
41.	Office Ergonomics Assessment report	2015	Makhostia Putra Jaya (Sdn Bhd)
42.	Manual Handling Ergonomics Assessment report	2015	Makhostia Putra Jaya (Sdn Bhd)
43.	Ergonomics Assessment Report	2015	SOCSCO Gombak
44.	Ergonomics Assessment Report	2015	SOCSCO Kelang
45.	OSH Profile Interim Report 1	2016	MOHR
46.	OSH Profile Inception Report 1	2016	MOHR
47.	Malaysian Occupational and Safety Profile 2016: Infographic	2017	Department of Occupational Safety and Health, Ministry of Human Resource
48.	Malaysian Occupational and Safety Profile 2016: Complete version	2017	Department of Occupational Safety and Health, Ministry of Human Resource
49.	Guidelines on Ergonomics Risk Assessment at the workplace 2017	2017	Department of Occupational Safety and Health, Ministry of Human Resource

50.	Guideline on Manual Handling Management	2018	Department of Occupational Safety and Health, Ministry of Human Resource
51.	Ergonomics Risk Assessment at Sepanggar Port	2016	Sepanggar Port
52.	Ergonomics Risk Assessment at Infineon Kulim	2018	Infineon, Kedah
53.	Ergonomics risk assessment	2017	Syabas Sdn Bhd
54.	Ergonomics risk assessment	2017	Hospital Putra, Melaka
55.	Malaysian Palm Oil Milling Industry: Analyses on Economics, Social, Safety and Health,” focuses on issues related to Economics, Social, Safety and Health in the Palm Oil Milling Industry in Malaysia	2017	Universiti Putra Malaysia



#### E. CONFERENCES/ PROCEEDINGS (NATIONAL & INTERNATIONAL)

No.	Title	Conference	Year
1	<b>Shamsul B.M.T</b> , Jamal H.H and Dayang A.A. Pendedahan Individu kepada partikel ternafas dan kaitannya dengan gejala masalah pernafasan di kalangan penduduk Lembah Kelang	Kolokium Kebangsaan Kesihatan Masyarakat Ke Lima, HUKM, UKM	1998
2	Muniandy M.N dan <b>Shamsul B.M.T</b> . Kajian pendedahan bunyi bising dan hilang pendegaran di kalangan penyembur asap Unit Kawalan Penyakit Bawaan Vektor, Jabatan Kesihatan Negeri Sembilan	Kolokium Kebangsaan Kesihatan, UKM, HUKM.	2000
3	<b>Shamsul B.M.T</b> , Zarida H, Israuha A, Zailina H, Juliana J and Shamsul B.S. Effect on Liver enzymes due to the exposure of pesticides among tobacco planters in Kampung Telaga Papan, Pasir Puteh, Kelantan Darul Naim	<sup>nd</sup> 2 <sup>nd</sup> National Public Health Proceeding, Hotel Summit, Subang Jaya	2001
4	Murugan S, Juliana J, <b>Shamsul B.M.T</b> , Shamsul B.S and Zailina H. Association of respirable dust (PM10) with lung functions of quarry workers in Hulu Langat District, Selangor	<sup>nd</sup> 2 <sup>nd</sup> National Public Health Proceeding, Hotel Summit, Subang Jaya	2001
5	<b>Shamsul B.M.T</b> , Jamal H.H and Dayang A.A. Personal respirable particles (PM10) levels among outdoor and indoor workers and its association with respiratory symptoms.	<sup>nd</sup> 2 <sup>nd</sup> National Public Health Proceeding, Hotel Summit, Subang Jaya	2001
6	Zailina H, Chua S.K, <b>Shamsul B.M</b> . Comparative study on the effects of noise exposure on hearing thresholds of the students involved in Reserved Officer Training Unit (Rotu) activities	<sup>nd</sup> 2 <sup>nd</sup> National Public Health Proceeding, Hotel Summit, Subang Jaya	2001
7	Juliana J, Shahida M, <b>Shamsul B.M.T</b> , Shamsul B.S and Zailina H. Respirable Dust (PM10) exposure and lung functions of workers in a paper recycling factory, Mentakab, Pahang.	<sup>nd</sup> 2 <sup>nd</sup> National Public Health Proceeding, Hotel Summit, Subang Jaya	2001
8	Wan.C.Z.W.H, Hamiraj F.A.H, <b>Shamsul B.M.T</b> , Rosnah M.Y, Rosnan H, Juliana J, Rusli N, Ayub N, & Mazlan A. Development of Biomechanical Lumbar Support. For Ergonomics Bus Seat In Reducing Low Back Pain.	In. Advan. Technol. Congress 2005, pp 170	2005

No.	Title	Conference	Year
9	Kavitha M, Juliana J, Salawati Y, Nasaruddin AA & <b>Shamsul BMT</b> . Relationship between exposure to Ultrafine Particles and Interleukin-6 among Bus Drivers in Klang Valley	8 <sup>th</sup> NIOSH Conference and Exhibition on Occupational Safety and Health	2005
10	Mohamad Aidil, Juliana J, Salawati Y, Nasaruddin A A & <b>Shamsul BMT</b> . The Relationship of Fine Particle (PM2.5) Exposure to Lung Function Among Public Bus Driver in Klang Valley	8 <sup>th</sup> NIOSH Conference and Exhibition on Occupational Safety and Health	2005
11	<b>Shamsul Bahri BMT</b> & Mohamad Zulhafni A. The Use of Forearm Support in Reducing Static Load of the Supinator Muscles and Trapezius Muscles During Computer Typing	8 <sup>th</sup> NIOSH Conference and Exhibition on Occupational Safety and Health	2005
12	<b>Shamsul B.M.T</b> , Lim P.A., Jalaludin D, Zailina H, Vidjadaran M.K, Juliana J, & Shamsul B. S. School bag load and its effect on the erector spinae of primary schoolchildren and low back pain among children in Sri Kembangan	National Public Health Colloquium	2005
13	Siti S.H., <b>Shamsul B.M.T.</b> , Nasaruddin A.A, Juliana J., Rosnan H., Yunus A., Salawati Y., Wan C.Z.W.H., Azlan A., Nizam J., Mohd. R.A.M., Rusli N., NaingL., and Mazlan A. Preliminary Study of Low Back Pain Among Bus Drivers in Malaysia: The Contribution of Vibration and Awkward Posture	Kolokium Kebangsaan, UKM Crown Princess Hotel, Kuala Lumpur	2006
14	Juliana J, Zainuddin Z, Salawati Y, Nasarudin AA, <b>Shamsul BMT</b> , Norela S, Azman ZA, Rozali MO, Azlan A, Nizam J, Yunus A, Mohd RAM, Rusli N, Ayub N & Mazlan A. Indoor air quality inside buses and its implications to respiratory health among drivers	Ergo Future	2006
15	Wan C.Z.W.H., <b>Shamsul B.M.T.</b> , Rosnah M.Y., Nasaruddin A.A., Hamiraj A.F., Rosnan H., Juliana J & Yunus. A. Seat Suitability Among Malaysian Bus Drivers Using Anthropometric Measurement Method	Ergo Future 2006 ISBN: 979-15168-0-4	2006
16	<b>Shamsul BMT</b> , Yokoyama K, Juliana J, Nasaruddin AA, Nizam J, Rusli N, Ayub LN, Yunus A & Mazlan A. The association between risk factors and low back pain among commercial vehicle drivers in Peninsular Malaysia	Ergo Future 2006 ISBN: 979-15168-0-4	2006

No.	Title	Conference	Year
17	Ahmad R.A.R, <b>Shamsul B.M.T</b> ,Wan C.Z.W.H Developing new concept of Commercial Bus Drivers' Seat Design : A Concurrent Engineering within the Design Process, Prototyping and Model Making	DECON pp 14	2006
18	<b>B.M.T. Shamsul</b> , Ahmad Rizal Abdul Rahman, H. Rosnan, J. Juliana, C.Z. Wan, A. Yunus, N. Rusli . Ergonomics research in Malaysia: UPM's experience in research and development of ergonomics products	Industrially developing countries and Primary industries. IEA2006: 16 <sup>th</sup> World Congress on Ergonomics. ISSN 0003-6870 pp 8	2006
19	M.Y. Rosnah, Y.M. Shahir, M.T. <b>Shamsul Bahari</b> , W.C. Zaharah. Developing bus seat design parameters for Malaysian bus drivers	ASEAN ergonomics symposium. IEA2006: 16 <sup>th</sup> World Congress on Ergonomics. ISSN 0003-68706	2006
20	Siti S.H., <b>Shamsul B.M.T.</b> , Nasaruddin A.A, Juliana J., Rosnan H., Yunus A., Salawati Y., Wan C.Z.W.H., Azlan., Nizam., Rusli N., NaingL. Preliminary Study of Low Back Pain Among Bus Drivers in Malaysia: The Contribution of Vibration and Awkward Posture	Journal of Community Health 2006, pp 2	2006
21	Salawati Y, Juliana J, <b>Shamsul B.M.T</b> , Nasaruddin A.A, Nizam J, Yunus A, Kavitha M, Mohd RM, Rusli N, Naing L & Mazlan A. Indoor Air Quality of Buses and Its Implication to Respiratory Health Among Drivers in Northern Region	Journal of Community Health 2006, pp 40	2006
22	<b>Shamsul Bahri Mohd Tamrin</b> , Kazuhito Yokoyama, Juliana Jalaludin, Nasaruddin Abdul Aziz, Nizam Jemoin, Rusli Nordin, Ayub LN, Yunus A & Mazlan A. The association between risk factors and low back pain among commercial vehicle drivers	Ergo Future 2006.	2006
23	Ahmad R.A.R, <b>Shamsul B.M.T</b> ,Wan C.Z.W.H. Developing new concept of Commercial Bus Drivers' Seat Design A Concurrent Engineering within the Design Process, Prototyping and Model Making	National Conference on Design and Concurrent Engineering (DECON 2006)	2006
24	<b>B.M.T. Shamsul</b> , Ahmad Rizal Abdul Rahman, H. Rosnan, J. Juliana, C.Z. Wan, A. Yunus, N. Rusli* Ergonomics research in Malaysia: UPM's experience in research and development of ergonomics products. Industrially developing countries and Primary industries.	EA2006: 16 <sup>th</sup> World Congress on Ergonomics. ISSN 0003-6870	2006

No.	Title	Conference	Year
25	M.Y. Rosnah, Y.M. Shahir, M.T. <b>Samsul Bahari</b> , W.C. Zaharah. Developing bus seat design parameters for Malaysian bus drivers. ASEAN ergonomics symposium.	IEA2006: 16 <sup>th</sup> World Congress on Ergonomics. ISSN 0003-6870	2006
26	Salawati Y, Juliana J, <b>Shamsul B.M.T</b> , Nasaruddin A.A, Nizam J, Yunus A, Kavitha M, Mohd RM, Rusli N, Naing L & Mazlan A. Indoor Air Quality of Buses and Its Implication to Respiratory Health Among Drivers in Northern Region	Kolokium Kebangsan, UKM Crown Princess Hotel, Kuala Lumpur	2006
27	Nurul Asyiqin MA & <b>Shamsul Bahri MT</b> . Working Posture and Musculoskeletal Disorders among Fisheries Jetty Workers in Kuala Rompin, Pahang	4 <sup>th</sup> Asia Pacific Conference on Risk Management for Preventive Medicine.	2007
28	<b>Shamsul BMT</b> , Yokoyama K, Juliana J, Nasaruddin AA, Nizam J, Rusli N a& Ayub LN. Health Promotion in preventing and reducing low back pain among commercial bus drivers	The 8 <sup>th</sup> Pan-Pacific Conference on Occupational Ergonomics (PPCOE 2007)	2007
29	<b>Shamsul Bahri Mohd Tamrin</b> , Kazuhito Yokoyama, Juliana Jalaludin, Nasaruddin Abdul Aziz, Nizam Jemoin, Rusli Nordin and Ayub Li Naing. The association between risk factors and Musculoskeletal disorders among commercial vehicle drivers	2 <sup>nd</sup> National Industrial Hygiene Conference (Malaysian Industrial Hygiene Association)	2007
30	Kavitha M, Juliana J, Abdah MA, <b>Shamsul BMT</b> , Nasaruddin AA, Nizam J, Rusli N, Naing L & Mazlan A. Study on Inflammation Biomarkers Of Exposure to Particulate Matter Among Bus Drivers At Klang Valley	4 <sup>th</sup> Asia Pacific Conference on Risk Management for Preventive Medicine.	2007
31	<b>Tamrin SBM</b> , Yokoyama K, Hanafi SS, Jalaludin J, Aziz N, Hamzah R, Jemoin MN & Nordin R. Evaluation and Prevention of Occupational Injuries Among Commercial Vehicle Drivers.	4 <sup>th</sup> Asia Pacific Conference on Risk Management for Preventive Medicine.	2007
32	Nurul Izzah AS & <b>Shamsul Bahri MT</b> . Relationship Between Heat Exposure And Occupational Stress Among Automotive Factory Workers In Selangor	4 <sup>th</sup> Asia Pacific Conference on Risk Management for Preventive Medicine.	2007
33	Juliana J, Salawati Y, <b>Shamsul BMT</b> , Kavitha M, Nasaruddin AA, Nizam J, Yunus A, Mohd RM, Rusli N, Naing L & Mazlan A. Indoor Air Quality Inside Buses And Its Implications To Respiratory Health Among Drivers In Peninsular Malaysia	4 <sup>th</sup> Asia Pacific Conference on Risk Management for Preventive Medicine.	2007

No.	Title	Conference	Year
34	Nurul AMA, <b>Shamsul BMT</b> , Velu P, Mohd SD, Mohd RB & Azhar MN. Development of ergonomics furniture for primary school in Malaysia: Industrial Design Process	National symposium on advancement in ergonomics and safety (ERGOSYM2009)	2009
35	Syazwan Aizat Ismail, <b>Shamsul Bahri Mohd Tamrin</b> , Zailina Hashim. The Association between Ergonomic Risk Factors, RULA Score, and Musculoskeletal Pain among School Children: A Preliminary Result	National symposium on advancement in ergonomics and safety (ERGOSYM2009)	2009
36	Sze Seen Kee, Shamsul BMT, Goh YM. Driver Fatigue and Driving Performance Among Occupational Drivers in Simulated Prolonged Driving	National symposium on advancement in ergonomics and safety (ERGOSYM2009)	2009
37	Nurul Asyiqin MA, <b>Shamsul BMT</b> , Mohd Shahrizal D, Mohd Rafee BB & Muhamad Azhar MN. Recommended Furniture Dimension for Primary School Children in Malaysia	National Symposium on Advancements in Ergonomics and Safety (ERGOSYM2009).	2009
38	Nazri J, <b>Shamsul BMT</b> , Ng YG, Maeda S & Nawal A. The characteristics of hand arm vibration syndrome among grinders in tropical environment	The 3 <sup>rd</sup> Regional Conference on noise, vibration and comfort (NVC)	2010
39	Irwan SY, <b>Shamsul BMT</b> & Afiq I. Mismatch of harvesting tool dimensions with hand parameters among oil palm workers in Johor	National Research & Innovation Conference for graduate students in Social Sciences	2012
40	<b>Shamsul BMT</b> , Nursyafiqah R, Ng YG & Irwan SY. The relationship between working posture analysis with musculoskeletal disorders among oil palm's harvesters.	International Society for environmental epidemiology East Asia Chapter. ISEE-EAC 2012	2012
41	Karmegam K, <b>Shamsul BMT</b> , Mohd Sapuan S, Mohd Yusof I, Napsiah I & Seetha P. Proyototype of a lumbar support for motorcycle seat.	International Society for environmental epidemiology East Asia Chapter. ISEE-EAC	2012
42	Vivien H & <b>Shamsul BMT</b> . Effect of notebook computer display tilt angle on muscle activity among note book user	South east Asian Network of ergonomics societies conference (SEANES), Langkawi	2012

No.	Title	Conference	Year
43	Zarith AZ, <b>Shamsul BMT</b> , Jamal HH, Ahmad Zaid F, Norback D & Zailina H. Indoor air quality assessment in old and new buildings in Klang valley, Selangor	International Society for environmental epidemiology East Asia Chapter. ISEE-EAC	2012
44	Lim FL, Salmiah MS, Norback D, Jamal HH, <b>Shamsul BMT</b> & Zailina H. A pilot study of microbes and indoor air quality in an office building in Klang Valley	International Society for environmental epidemiology East Asia Chapter. ISEE-EAC	2012
45	Nurul AH, Noor Hassim I, <b>Shamsul BMT</b> & Atikah CH. (2013). Respiratory symptoms and pulmonary function of male steel workers in Terengganu, Malaysia	International Conference on Medical & Health Sciences. 18 <sup>th</sup> ICMHS, Kota Baharu, Malaysia.	2013
46	Dayana H & <b>Shamsul BMT</b> . (2013). Method for measuring thermal stress.	HFEM 2013 Conference on Human factors & Ergonomics. Best western Hotel. 25 <sup>th</sup> September 2013	2013
47	Dayana H & <b>Shamsul BMT</b> . (2013). Modelling of heat stress among palm oil mill workers in Malaysia	Palm oil milling technology colloquium. 16 – 17 <sup>th</sup> December. Auditorium Jurutera. UPM	2013
48	Atikah CH, <b>Shamsul BMT</b> & Syarifah Norkhadijah SI. (2013). The Association Between Extreme Heat Exposure and Acute Physiological Change Among Steel Mill Workers: A Preliminary Finding.	International Conference on Medical & Health Sciences. 18 <sup>th</sup> ICMHS, Kota Baharu, Malaysia	2013
49	<b>Shamsul BMT</b> , Sajidah S & Ashok S. (2013). Alertness, Visual Comfort, Subjective Preference and Task Performance Assessment under Three Different Light's Colour Temperature Among Office Workers	2 <sup>nd</sup> International Conference on Ergonomics (ICE 2014). Berjaya Times Square Hotel. 3 <sup>rd</sup> to 4 <sup>th</sup> September 2013	2013
50	Irwan SY, <b>Shamsul BMT</b> & Ng YG. Evaluation musculoskeletal disorders (MSD) risk factors using chisel tool for harvesting task among oil palm workers plantations, Malaysia.	2 <sup>nd</sup> Recoup International Conference on Ergonomics. RICE 2013, Bangalore, India	2013
51	Ng Yee Guan, <b>Shamsul BMT</b> & Irwan SY. Comparison of different postural risk analysis method in assessing musculoskeletal disorders among harvesters in oil palm plantation	2 <sup>nd</sup> Recoup International Conference on Ergonomics. RICE 2013, Bangalore, India	2013

No.	Title	Conference	Year
52	<b>Shamsul BMT</b> & Sia CC. Effects of light's color temperatures on visual comfort level, task performances and alertness among students	2 <sup>nd</sup> Recoup International Conference on Ergonomics. RICE 2013, Bangalore, India	2013
53	Nur Fitriyah Muhamad Akir, <b>Shamsul Bahri Mohd Tamrin</b> , Ng Yee Guan, Vivien How and NurZuhairiza Zolkifli. The Effect Of Using Dual Screen Computer Panel To The Neck-Shoulder Muscle Activity Among Group Of Students	3 <sup>rd</sup> ICE & ICIE, Kuala Lumpur	2014
54	Hamdan Rahmat & <b>Shamsul BMT</b> (2014). A preliminary result of occupational safety and health management system compliance among gas contractor (petroleum pipeline)	International Conference on Environmnetal and Occupational Health (ICEOH 2014), 7-8 April	2014
55	<b>Shamsul B M.T</b> , Norazlena A, Mohamad S. Z, Nurul A. J, Irwan S M.Y &Ng. Y.G (2014). Risk Rating In Rubber Plantation: A Qualitative Method Between Trained Observations Versus Employees Opinion	3 <sup>rd</sup> South East Asian Network of Ergonomics Societies International Conference 2014, Singapore	2014
56	Roya LN & <b>Shamsul BMT</b> (2014). Environmental noise and the association with occupational stress among palm oil mill workers	2 <sup>nd</sup> International Environmental & Health Conference 2014, 27 <sup>th</sup> to 28 <sup>th</sup> August	2014
57	Nurul AH,Noor Hassim I, <b>Shamsul BMT</b> . (2014). Assessment of dust exposure in integrated iron and steel manufactiuring.	International Conference on Environmnetal and Occupational Health (ICEOH 2014), 7-8 April	2014
58	Dayana HMS & <b>Shamsul BMT</b> (2014). Study in Modelling of heat stress Index among glass manufacturing workers in tropical climate country	International Conference on Environmnetal and Occupational Health (ICEOH 2014), 7-8 Apri	2014
59	Irwan SMY, <b>Shamsul BMT</b> , Aini MS & Ng YG (2014). Oil palm workers, Malaysia: Design of ergonomics harvesting tool using user centered design approach in reducing awkward posture by Catia simulation	International Conference on Environmental and Occupational Health (ICEOH 2014), 7-8 April	2014
60	Nurul Atikah CH, <b>Shamsul BMT</b> , Sharifah NSI & Ahmad MA (2014). The association between extreme heat exposure and acute physiological change among steel mill workers	International Conference on Environmnetal and Occupational Health (ICEOH 2014), 7-8 April	2014



No.	Title	Conference	Year
61	Nur Syazwani MN, Baba MD, Ezrin HS, <b>Shamsul BMT</b> , Shahriman AB & Azmin SR. (2014). The effect of manual handling tools to oil palm collector and loader	International Conference on Environmnetal and Occupational Health (ICEOH 2014), 7-8 April	2014
62	Muhammad S & <b>Shamsul BMT</b> & Rizal R. (2014). The efficacy of quantitive cross cultural product design survey instrument	International Conference on Environmnetal and Occupational Health (ICEOH 2014), 7-8 April	2014
63	Noradila M, <b>Shamsul BMT</b> , Huda Z and Subramaniam K (2014). Relationship between safety climate perception, job satisfaction and occupational safety and health management system with accident at small and medium	International Conference on Environmnetal and Occupational Health (ICEOH 2014), 7-8 April	2014
64	Ezrin HS, Baba MD, Nursyazwani MN, <b>Shamsul BMT</b> , Shahriman AB & Azmin SR (2014). Pen and paper based observational method to assess postural problem	International Conference on Environmnetal and Occupational Health (ICEOH 2014), 7-8 April	2014
65	Nurul Ainun Hamzah, <b>Shamsul BMT</b> & Noor Hashim I (2014). Respiratory health of male steel workers in Trengganu, Malaysia	International Conference on Environmnetal and Occupational Health (ICEOH 2014), 7-8 April	2014
66	Ahmad Faisal AN, <b>Shamsul BMT</b> & Karmegam K. (2014).Work related MSD and the association with risk factors among vehicle technicians in Klang Valley.	International Conference on Environmnetal and Occupational Health (ICEOH 2014), 7-8 April	2014
67	Vivien How, Zailina Hashim, Patimah Ismail, Dzolkhifli Omar, Salmiah Md Said, <b>Shamsul BMT</b> (2014). Pesticide dermal and micro environmental interaction between farmer and children in the farming community	International Conference on Environmnetal and Occupational Health (ICEOH 2014), 7-8 April	2014
68	Nurul Ain Zali & <b>Shamsul BMT</b> (2014). The association between vibrotactile perception and chemical exposure among vehicle service technician in Klang Valley	International Conference on Environmnetal and Occupational Health (ICEOH 2014), 7-8 April	2014
69	<b>Shamsul Bahri</b> , Irwan Syah, Ng Yee Guan (2015). Developing low cost harvesting tool using ergonomics concept for oil palm fresh fruit bunch harvesters in Malaysia. A case study	19 <sup>th</sup> Triennial Congress of the International Ergonomics Association. Melbourne Australia	2015



No.	Title	Conference	Year
70	Nur Sabrina Mohd Nasir, <b>Shamsul Bahri Md Tamrin</b> , Kulanthayan Subramaniam, Nor Shuhada Shukoor, Zuhairiza Zolkifli, Gin Siong Ng, Nur Fitriyah Muhamad Akir, Gede Pramudya Ananta. Association of workplace stressors with salivary alpha-amylase activity levels among fresh fruit bunch cutters	3 <sup>rd</sup> ICE & ICIE, Kuala Lumpur	2015
71	<b>Shamsul bahri Mohd Tamrin</b> (2015). ASEAN Ergonomics – South East Asian Ergonomics Checkpoints for indoor. – Manufacturing	19 <sup>th</sup> Triennial Congress of the International Ergonomics Association. Melbourne Australia	2015
72	<b>Shamsul bahri Mohd Tamrin</b> . ASEAN Ergonomics. South East Asian Ergonomics Checkpoints for Outdoor workers, SEAPORT & Airport	19 <sup>th</sup> Triennial Congress of the International Ergonomics Association. Melbourne Australia	2015
73	NP Tumit, A.S. Rambelya, <b>Shamsul BMT</b> , Shahrman A.B., Ng Y.G., B.M. Deros, Zailina H., Goh, Y.M., Manohar Arumugam, Ismail, I.A. and Abdul Hafiz A.R. An Upper Limb Mathematical Model of an Oil Palm Harvester	The 2015 UKM FST Postgraduate Colloquium. AIP Conference Proceedings 1614, 973 (2014); doi: 10.1063/1.4895333	2015
74	NP Tumit, A.S. Rambelya, <b>Shamsul BMT</b> , Shahrman A.B., Ng Y.G., B.M. Deros, Zailina H., Goh, Y.M., Manohar Arumugam, Ismail, I.A. and Abdul Hafiz A.R. A Full Body Mathematical Model of an Oil Palm Harvester	The 2015 UKM FST Postgraduate Colloquium. AIP Conference Proceedings 1678, 060019 (2015); doi: 10.1063/	2015
75	E.F. Shaira,c, S.A. Ahmada, A.R. Abdullah, M.H. Marhaban, <b>S.B. Mohd Tamrin</b> , Impact of Different Lifting Height and Load Mass on Muscle Performance using Periodogram	International Conference on Electrical & Electronic Technology 2016	2016
76	M.K. Faizi, Shahrman A.B., M.S. Abdul Majid, Shamsul B.M.T., Ng Y.G., S.N. Basah, E.M. Cheng, M. Afendi, Zuradzman M.R., Khairunizam WAN, D. Hazry. An overview of the Oil Palm Empty Fruit Bunch (OPEFB) potential as reinforcing fibre in polymer composite for energy absorption applications	The 2 <sup>nd</sup> International Conference on Automotive Innovation and Green Energy Vehicle (AiGEV 2016) Automotive Engineering Centre (AEC)	2016
77	Nor Shuhada MOHD SHUKOOR, Yee Guan NG, Shamsul Bahri MOHD TAMRIN, Velu PERUMAL, Nurzuhairiza ZOLKIFLI, Gin Siong NG, Nur Fitriyah MD AKIR, Nur Sabrina MOHD NASIR. Development of New Hard Hat Dimension Using User-Centered Design Approach among Oil Palm Harvester	Spring Conference of the Ergonomics Society of Korea and 18 <sup>th</sup> Korea-Japan Joint Symposium (2 <sup>nd</sup> June 2016)	2016

No.	Title	Conference	Year
78	Ng Yee Guan, MSS Mohamed, <b>Shamsul B.M.T</b> , Challenges in Establishing the Professional Ergonomist Certification Scheme in Malaysia	The 2nd Asian Conference on Ergonomics and Design, Tsudanuma Campus, Nihon University. 1 <sup>st</sup> June – 4 <sup>th</sup> June 2017	2017
79	Nur Adilla Ab Hadi, <b>Shamsul Bahri Md Tamrin</b> , Ng Yee Guan, Vivien How, Rozana Abd Rahman. Association between Non-Reporting of Accident and Contributing Factors in Malaysia's Construction Industry	The 2nd Asian Conference on Ergonomics and Design, Tsudanuma Campus, Nihon University. 1st June – 4th June 2017	2017
80	Haroun Zerguine, Shamsul Bahri Bin Mohd Tamrin, Juliana Jalaludin Evaluation of Safety Behavior and Work-related Injuries among Foreign Construction Workers in Malaysia	The 2nd Asian Conference on Ergonomics and Design, Tsudanuma Campus, Nihon University. 1 <sup>st</sup> June – 4 <sup>th</sup> June 2017	2017
81	M.Y. Ishkandar, Yee Guan Ng, B.M.T. Shamsul Malaysia Occupational Safety and Health Status in Agriculture: Overview	The 2nd Asian Conference on Ergonomics and Design, Tsudanuma Campus, Nihon University. 1 <sup>st</sup> June – 4 <sup>th</sup> June 2017	2017
82	Ng Yee Guan and Shamsul Bahri Md Tamrin Occupational Health and Safety of agricultural worker in Malaysia	Occupational safety and health of agricultural workers. Symposium in Japan Society for Occupational Health annual meeting, Tokyo Big Sight in May 2017	2017
83	Guidelines on Ergonomic Risk Assessment (ERA)	FMM NS SHE Conference 2017: Leading towards Sustainable SHE Work Culture October 10-12, 2017	2017
84	Ergonomics Assessment for OSH Practitioners: What You Should Know?	Safety & Health Conference <b>"Moving Ahead-Powering Up"</b> 14 and 15 March 2017 at the E & O Hotel, Penang.	2017
85	National OSH Profile 2017	<b>"OSH: Preventive Culture - Where We Are Now?"</b> Seminar Kebangsaan Keselamatan Dan Kesihatan Pekerjaan 2017 16 <sup>th</sup> – 17 <sup>th</sup> November	2017

## RESEARCH

### i. As principal investigator

No.	Research Titles	Source of Fund	Amount (RM)	Year/ status	Title
1	Developing new personal protective devices using ergonomics principles in improving Occupational Safety and Health practices among oil palm plantation workers in Malaysia.	FRGS	147000	2015 On-going	Project Leader
2	The integrated ergonomics approach of agricultural sustainability in Malaysia	RMC	32,000	2011 completed	Project Leader
3	The effectiveness of third brake light for commercial vehicles and speed indicator signage in preventing road accident in Malaysia	RUGS	121,000	2007 completed	Project Leader
4	Ergonomic, Social and Environmental impacts of new Technologies in Malaysia Palm Oil Milling	LRGS	400,000	2012 On-going	Project Leader
5	Evaluation and Prevention of Occupational Injuries among commercial vehicle drivers in Malaysia	Ministry of Science IRPA	1.13 Million	2005 Completed	Project Leader
6	Ergonomics Improvement Methods in promoting safety and health for Malaysian schools environment	RUGS	130,500	2007 completed	Project Leader
7	Occupational ergonomics injuries and diseases of agricultural workers in Malaysia	RUGS-6	15,000	2012 completed	Project Leader
8	Stress: vulnerability and relationship with fatigue and driving performance in the influence of time and prolong driving	RUGS 6	15,000	2012 Completed	Project Leader

9	Carbon footprint level and the relationship with the prevalence of heat related disorders among outdoor workers	RUGS 6	15,000	2012 Completed	Project Leader
10	The integrated ergonomics approach in reducing MSD among harvester in oil palm plantation	Science fund	277,000	2012 completed	Project Leader
11	Solar Uv Provoked Anterior Segment Eye Diseases In Jazani Fishermen: Association Of Risk Factors With Disease Prevalence And Means Of Prevention In Jazan Region	Maha Optical, Saudi Arabia	RM 56801.40	2015 Completed	Project Leader
12	Association between Non-auditory Effect of Excessive Noise and Occupational Stress among Palm Oil Mill Workers	RUGS	15,000	2014 completed	Project Leader
13	Prevalence of work-related injuries and its association with working conditions and safety behaviour among construction workers in Klang Valley	RUGS	15,000	2016 completed	Project Leader
14	Developing new personal protective devices using ergonomics principles in improving Occupational Safety and Health practices among Sime Darby Plantation workers	SIME DARBY	351,000	2017 On going	Project Leader
15	Developing low cost intervention program for office workers	Putra	18000	2017	Project Leader

ii. **As co-researcher**

No	Research Titles	Source of Fund	Amount (RM)	Year/ status	Title
16	Indoor Air Quality (IAQ) Assessment and Sick Building Syndrome (SBS) with Awareness Program among Building Inhabitants	RUGS	190,000	Year On-going	Co-Researcher
17	Prototype development of a safety backrest system for children motorcycle pillion riders	PRGS	116,000	2016 On-going	Co-Researcher
18	Evaluating Occupational Health among Traffic Policemen in Kuala Lumpur and Johor Bahru	FRGS	84,400	2015 On-going	Co-Researcher
19	Development of a novel vibration isolation system for severe whole-body vibration exposure in agricultural vehicles based on biomechanics of human body	FRGS	134000	2014	Co-Researcher
20	An investigation on children pillion safety in motorcycle: an approach using hazard identification, risk assessment and risk control (hirarc)	FRGS	64,000	2013	Co-Researcher
21	The Fundamental Health Risk of Electronic cigarettes and vaping: chamber experiment and field study to determine carcinogenic and non-carcinogenic risk	FRGS	83,000	2014	Co-Researcher

**F. AWARDS**

i. **Research Awards**

No.	Title of Award	Award Authority	Year
1.	Anugerah Penyelidikan Antarabangsa 2006	UPM	2006
2.	Award of excellence, Product Invention & innovation Exhibition , UPM 2006	UPM INPEX	2006
3.	Inpex (USA) International Award on Innovative Product	INPEX	2006
4.	Gold award on development of ergonomics bus seat for bus drivers in Malaysia, 2006	UPM	2006
5.	Silver award on low cost anthropometric chair for seat measurements, 2006	UPM	2006

No.	Title of Award	Award Authority	Year
6.	Silver award on health promotion program in reducing low back pain among bus drivers	UPM	2006
7.	Bronze award on Tumor marker for nickel and chromium exposure among stainless steel workers	UPM	2006
8.	Bronze medal on transportation product (National Level) (MTE 2007)	Malaysian Technology Exhibition (MTE)	2007
9.	Pingat RONPAKU (disertasi Ph.D) bagi 2007	Universiti Malaya	2007
10.	Anugerah penyelidik cemerlang Anugerah kecemerlangan antarabangsa	UPM (RMC)	2007
11.	Anugerah Perunding UPM 2008 (3rd Place)	UPM	2008
12.	Silver award on development of ergonomics school furniture for Malaysia	UPM	2010
13.	Evaluation of Two Ergonomics intervention program in reducing ergonomics risk factors of musculoskeletal disorder among school children	pameran rekacipta, penyelidikan	2010
14.	Silver award on Health promotion as intervention program in reducing ergonomics risk factors in school	UPM	2010
15.	Bronze award on prototype of ergonomic lumbar support for motorcyclist	Malaysian Biotechnology Corp	2012
16.	Ergonomics furniture for primary school in malaysia	pameran rekacipta, penyelidikan dan inovasi (PRPI)	2014
17.	Motorcycle seat with built in lumbar support	pameran rekacipta, penyelidikan dan inovasi (PRPI)	2014
18.	Silver Award, Built-in Lumbar Support for Motorcycle seat	BioInnovatio Awards	2014
19.	On involvement in the publication of books Antropometric Research in Malaysia	NIOSH	2014
20.	Bronze: Minigo. Ergosawit loader, low cost solution for smallholders in improving security and increasing efficiency in oil palm industry	Pecipta	2015
21.	Anugerah penyeliaan pelajar siswazah terbaik	UPM	2015
22.	Best 10 Researchers award	Faculty of medicine and health science	2015

No.	Title of Award	Award Authority	Year
23.	Gold Award on Development of Safety Helmet	National. Human Factors and Ergonomics Competition	2016

**ii. Service Awards**

NO	Title of Award	Award Authority	Year
1.	Sebagai penyumbang pertama kepada kPI jabatan kesihatan persekitaran dan pekerjaan	UPM	2013
2.	Cemerlang dalam perundingan	UPM	2002
3.	Cemerlang dalam perundingan	UPM	2003
4.	Cemerlang dalam perundingan	UPM	2005
5.	Cemerlang dalam perundingan	UPM	2006
6.	Cemerlang dalam perundingan	UPM	2007
7.	Cemerlang dalam perundingan	UPM	2008
8.	Cemerlang dalam perundingan	UPM	2009
9.	Cemerlang dalam perundingan	UPM	2010
10.	Cemerlang dalam perundingan	UPM	2012
11.	Anugerah perkhidmatan cemerlang	UPM	2013
12.	Anugerah penyelidik cemerlang Anugerah kecemerlangan antarabangsa	UPM (RMC)	2007
13.	Anugerah perkhidmatan cemerlang	UPM	2015

## G. ACADEMIC LEADERSHIP & CONTRIBUTION TO THE UNIVERSITY

### i. Administrative Post

NO	A.Current	Year
1.	Head of Occupational Safety and health unit, Department of Environmental & Occupational Health	2013 - 2014
2.	University's Safety and health Technical Committee	Year
3.	Post graduate Program Coordinator for Department of Environmental & Occupational Health	2013 - 2016
4.	Chairman of International Conference of Environmental and occupational health (ICEOH 2014)	2013-2014
5.	Deputy Dean – Faculty of Medicine and Health Sciences, UPM	2017 -
No	Previous	
1.	Head of Occupational Safety and health unit, Department of Community Health	
2.	Member of Department's Curriculum Committee	
3.	Member of department's Post graduate Curriculum Committee	
4.	Faculty's Animal House committee members	
5.	Faculty research committee	
6.	Committee in re-structuring of BS (Environmental and Occupational Health) curriculum	
7.	Chairman of "Buku Panduan Projek" for BS (EOH)	
8.	Chairman of BS(EOH) program endorsement by DOSH	
9.	Member of Faculty Health Sciences Curriculum Committee	
10.	Chairman of BS (EOH) Curriculum review Committee	
11.	Chairman for Faculty Fire-safety Committee	
12.	Chairman for Faculty Hari Penyampaian Hadiah Committee	
13.	Representing the department/program in meeting such as: <ul style="list-style-type: none"> <li>• Faculty Advisory Board meeting</li> <li>• Presenting new re structured curriculum of BS (EOH) to Faculty and University Curriculum meeting</li> <li>• Developing and planning of New Department (Occupational Safety and Health) laboratory facilities</li> </ul> Representing the department in BS (EOH) endorsement by JPA	



## Recognition

No	Role	Agency	Year
1.	Adjunct Professor at Mechanical Engineering School, UNITEN	UNITEN	2014 –now
2.	external examiner	UMM AL QURA University	2014 –now
3.	external examiner	Segi College	2011 - now
4.	<p>Malaysian Quality Assurance Assessor for health sciences program</p> <p>1) CUCMS_Master, PhD, Bachelore</p> <p>2) RETI</p> <p>3) Consist</p> <p>4) Pacific</p> <p>5) I_System</p> <p>6) Mahsa</p> <p>7) Masterskills</p> <p>8) City College</p> <p>9) QUP</p> <p>10) KLIUC</p> <p>11) IMU</p> <p>12) Unimap</p>	MQA	2012 –now
5.	External Examiner PhD (UTM)	UTM	2012 –now
6.	External Examiner Master (UITM)	UITM	2012 –2015
7.	External Examiner PhD (UIA)	UIA	2012 –now
8.	External Examiner Master (UTM)	UTM	2009- now
9.	External Examiner Master (MMU)	MMU	2010-now
10.	External Examiner Master (Calcutta)	Calcutta uni	2010-now
11.	<p>Editor/ Journal reviewer</p> <p>1) Asia Pacific Journal of Public Health</p> <p>2) Industrial Health</p>	Various	2010-now

No	Role	Agency	Year
	3) Malaysian Journal of Public Health Medicine Safety Journal 4) Safety Journal 5) Malaysian Journal of Medicine and Health Sciences 6) Applied Ergonomics 7) AHFE 8) European Journal of Dentistry 9) Journal of Teknologi 10) Human Factors and Ergonomics in Manufacturing and Services 11) Archives of Environmental and Occupational Health Journal		
12.	External Examiner PhD (India)	Mysore Uni	2015-now
13.	External Examiner PhD (Melbourne)	Melbourne Uni	2015-now
14.	External Examiner PhD (UMP)	UMP	2016
15.	FRGS Reviewer	MOHE	2016
16.	Examiner for hadiah cuti belajar	MOHE/JPA	2014-now

## ii. Academic Leadership

No.	University/College	Programme	Status
1.	Mahsa	Bachelor in Environmental Health	<b>Completed</b>
2.	QUIP	Bachelor in Environmental Technology	<b>Completed</b>
3.	Pacific	Diploma in Environmental Health	<b>Completed</b>
4.	Masterskill	Bachelor in Occupational Health	<b>Completed</b>
5.	CyberJaya Medical University (CUCMS)	PhD (Health Sciences)	<b>Completed</b>
6.	CyberJaya Medical University (CUCMS)	Master in OSH	<b>Completed</b>
7.	KLMUC	Diploma in Environmental Health	<b>Completed</b>

**iii. Committee Member**

<b>No.</b>	<b>Post</b>	<b>Year</b>
1.	Chairman of Faculty Post Graduate Committee	2017
2.	Chairman of Faculty Industrial and Community Linkages	2017
3.	Members of University Post Graduate intake	2017
4.	Members of University Post Graduate Examiner Committee	2017
5.	Members of University Post Graduate Curriculum Committee	2017
6.	Member of Department's Curriculum Committee	2013
7.	Member of department's Post Graduate Curriculum Committee	2013
8.	Faculty's Animal House committee members	2003
9.	Faculty research committee	2005
10.	Committee in re-structuring of BS (Environmental and Occupational Health) curriculum	2009
11.	Member of Faculty Health Sciences Curriculum Committee	2009
12.	Chairman of BS (EOH) Curriculum review Committee	2009
13.	Chairman of "Buku Panduan Projek" for BS (EOH)	2004
14.	Chairman of BS(EOH) program endorsement by DOSH	2003
15.	Chairman for Faculty Fire-safety Committee	2010
16.	Chairman for Faculty Hari Penyampaian Hadiah Committee	2009

## V. Committee Member Of Workshops / Seminars / Events

Program	Organizer	Venue	Position	Year
Outward bound program	FMHS	Templer's Park	Deputy Director	1998
Health Risk Assessment	FMHS,	UPM	Committee members	1999
Outward bound Experience program	FMHS	Janda Baik	Deputy Director	2000
Outward bound Experience program	FMHS	Templer's Park	Deputy Director	2001
Outward bound Experience program	FMHS	Janda Baik	Director	2002
Outward bound Experience program	FMHS	Janda Baik	Advisor	2003
Program Penghayatan Islam	FMHS	Morib	Committee members	2002
Program Penghayatan Islam	FMHS	Morib	Committee members	2003
Program Penghayatan Islam	FMHS	Janda Baik	Committee members	2005
Rukun Tetangga	Persatuan Penduduk, (TPP)	Taman Putra Perdana	Committee members	2004 – 2006
Persatuan Penduduk IT Admiral, Taman Putra Perdana	Persatuan Penduduk, TPP	Taman Putra Perdana	Secretary	2003 – 2006
Persatuan Penduduk IT Admiral, Taman Putra Perdana	Persatuan Penduduk, TPP	Taman Putra Perdana	Chairman	2006 – 2008
Motivation Program for school children	Persatuan Penduduk, TPP	Taman Putra Perdana	Chairman	2007
South east Asian Network of ergonomics societies conference (SEANES), Langkawi	Pelangi Meritus	Langkawi	Committee members	2012

## VI. Examiner

### a. Internal Examiner (Thesis)

No.	Name	level	Role
1.	Tee Yee Sim	Master	Chairman
2.	Noor Azira Binti Abdul Mutalib	Master	Chairman
3.	Vinoshini A/P soopiappragasarao	Master	Chairman
4.	Sharifah Nazariah bt Syed Noh	Master	Chairman
5.	Nur Aida Binti Aziz	Master	Chairman
6.	Foong May Chi	Master	Internal examiner
7.	RevatheeA/P Rajajendram	Master	Internal examiner
8.	Chua Pohchoo	Phd	Internal examiner
9.	Farrah Atiqah Bintimohd Noor	Master	Internal examiner
10.	Ahmad Qadri Basri	Master	Internal examiner
11.	Foo Chai Nien	PhD	Internal examiner
12.	ATHEER KADHIM IBADI	PhD	Internal examiner
13.	Abdu Mustapha	PhD	Chairman
14.	Ratnakala A/P Sithravel	PhD	Internal Examiner
15.	Khaw wan Fei	PhD	Chairman
16.	Odu Josiah Oluwaseun	Master	Internal Examiner
17.	Maryam Khadem Ghasemi	PhD	Internal examiner

### b. External Examiner (Thesis)

No.	Name	level	university
1.	Ahmad Rasdan Ismail	PhD	UTM
2.	Nor Sazarina Mad@ Yahya	Master	UKM
3.	Mohd Yusri Mohd Yusof	Master	UKM
4.	Nur Shuhada Mohamed	Master	UM
5.	Sri Tirthankar Ghosh	PhD	University of Calcutta
6.	Mohd Khairul Faizi	Master	Unimap
7.	Muhammad Izzat	PhD	UITM

No.	Name	level	university
8.	Aruwolo Mathew	PhD	UTM
9.	Rabiatul Adawiyah	Master	UM
10.	Idyawati Hussein	PhD	UIA
11.	Farhad Nami	Master	MMU
12.	Erna Faryza Mohd Poot	Master	UITM
13.	Rozlina Md Sirat	PhD	UTM
14.	Chan Hui Xuan	Master	UM
15.	OUACHE RACHID	PhD	UMP
16.	Sumie Sarmiza	Master	UTM
17.	Amitava Pal	PhD	Vidyasagar University
18.	Ahmad Rithaudeen Yusoff	PhD	UKM
19.	Dzulqarnain Abu Bakar	PhD	UMP
20.	LIM MING HAN	PhD	UTM

**iv. Acaademic advisor**

No	Name	Matrix No
1	Nur nieza natasya binti junaidi	175014
2	Muhamad zulkhaly bin tajul	175336
3	Ahmad syamil bin Mohamad hamid	169686
4	Alwis Nazreen bin mohd jefri chand	169922
5	Nurul fatihah binti kamal huyok	167289
6	Siti norain binti ismail	166987
7	Nur hydayah binti rani	169551
8	Muhammad asyraf bin mohd khair	170807
9	Nur adila binti ab hadi	175273
10	Intan idayu binti abd kharni	169478
11	Nurul nadiah binti mokhta	183737
12	Putri nurshahira binti abdul papar	175407
13	Ain farisya binti ahmad fuaad	182240
14	Nur akhmar binti Ibrahim	182578
15	Farhanah hanani binti yunus	172203
16	Ahmad shakir bin mohd ishak	176714
17	Asna syahiran binti mohammad salihin	176525
18	Mohamad fahzeli b mohd nazri	180542
19	Amirah aida binti madzlan	180227
20	Lim suk han	164043
21	Mohammad nurfakhrin bin mohd azmi	164786
22	Adib asymawi bin mohd yusoff	164184

## Expert Linkages

No	Title
1	Member of Federated International Ergonomics Association (IEA)
2	Research MOU with TELEKOM BERHAD
3	Research with Sime Darby Plantation (Occupational Safety and Health)
4	Research collaboration with University Jazan, Saudi Arabia
5	Research collaboration with King Abdulaziz University, Saudi Arabia
6	Research collaboration with Umm Al qura University, Saudi Arabia
7	Collaboration with South East Asia Network of Ergonomics <ul style="list-style-type: none"> <li>a) Singapore – Ergonomics Society Singapore</li> <li>b) Thailand – Ergonomics Society of Thailand</li> <li>c) Indonesia – Perhimpunan Ergonomi Indonesia</li> <li>d) Phillipine - Human Factors and Ergonomics Society of Malaysia</li> <li>e) Australia – Human Factors and Ergonomics Society of Australia</li> <li>f) New Zealand Human Factors and Ergonomics Society of New Zealand</li> <li>g) Korea Ergonomics Society</li> <li>h) Japanese Ergonomics Society</li> </ul>
8	Department of Occupational Safety and Health (Malaysia) – Development of National guidelines for ergonomics assessment – National Level
9	Human Factors & ergonomics Society of Malaysia Chairman of Development of Industrial Code of Practice for ergonomics assessment
10	Department of Occupational Safety and Health (Malaysia) – Development of National Guidelines on Manual handling – National Level (member)
11	Petronas – Planning and governance, Upstream HSE
12	Petronas – Malaysian HSE Governance   Health   Health, Safety and Environment, Malaysia Petroleum Management
13	Jutendo University - Department of Epidemiology and Environmental Health, Faculty of Medicine
14	Kinki University - Department of Applied Sociology, Faculty of Applied Sociology, Osaka
15	University Brunei Darul Salam – Faculty of Medicine
16	National University of Singapore – Department of Industrial and System Engineering
17	Ergonomics Collaboration with Samsung Electronics Malaysia



No	Title
18	Ergonomics Collaboration with Sabah Port Ergonomics Collaboration with Scandinavian Bussiness Seating, Sweden
19	Ergonomics collaboration with Infineon Malaysia
20	Research MOU with SIME DARBY Plantations
21	Collaboration with Federation of Malaysian Manufacturing

#### V. Reviewer

No.	Title	Editorial board/Reviewer
1.	Applied Ergonomics	Elsevier
2.	Penerbit UMS	UMS
3.	Asia Pasific environmental and occupational health journal	Environmental and occupational health society /UPM
4.	Safety science	Elsevier
5.	3 <sup>rd</sup> scientific conference on occupational safety and health 2014	Niosh Malaysia
6.	International Journal of Environment and Waste Management	Inderscience publishers
7.	Malaysian Journal of Ergonomics	Unimap
8.	Review of Bs Program in occupational Health	Umm Al Qura University
9.	Review of Ms Program in occupational Health	University Perubatan Antarabangsa (IMU)
10	International Journal of Global Environmental Issues (IJGENVI)	Inderscience
11	European Journal of Dentistry	Wolters Kluwer - Medknow
12	Archives of Environmental and Occupational Health	Elsevier
13	Malaysian Journal of Medicine and Health Sciences	UPM
14	Journal of Teknologi	UTM
15	Review of Diploma for OSH and Security	SMART COLLEGE
16	FRGS Grant Review	MOHE
17	Putra Grant Review	UPM
18	External Grant Evaluator	UTP-Pertamina
19	External Moderator	Segi College

## vi. Editor of book chapter

No	Publication	Title	Year
1	Niosh	Application of Anthropometric Data for Designing a Workstation in Science Laboratory	2014
2	UPM	An Unusual Occupational Injury caused by a Falling Palm Oil Fruit Resulting in Brachial Plexus Injury in Occupational Safety and Health in Commodity	2013 - 2014
3	UPM	Musculoskeletal Disorders: A Case Study in Palm Oil Mills in Occupational Safety and Health in Commodity Agriculture	2013 - 2014
4	UPM	Hazards in Workplace in Occupational Safety and Health in Commodity Agriculture	2013
5	UPM	The Trend of Agricultural Accidents in Malaysia: A Case Study of Rubber, Vegetable and Pineapple Plantations in Occupational Safety and Health in Commodity Agriculture	2013 - 2014
6	UPM	A Comparison of The Hazards, The Risks, and The Types of Control in Three Selected Agricultural Industries in Occupational Safety and Health in Commodity Agriculture	2015
7	UPM	Knowledge, Attitude, and Practice of Pesticide Application at Selected Agricultural Industries in Occupational Safety and Health in Commodity Agriculture	2015
8	UPM	Occupational Health Hazards of Rice Cultivation among Paddy Farmers in Occupational Safety and Health in Commodity Agriculture	2013 – 2014
9	UPM	Application of HIRARC in Palm Oil Mill Industry: A Case Study in Occupational Safety and Health in Commodity Agriculture	2013 – 2014

No	Publication	Title	Year
10	UPM	A Biomechanical Study on The Upper Limb of an Oil Palm Harvester: A Case Study in Occupational Safety and Health in Commodity Agriculture	2013 – 2014
11	UPM	WRMP and Evaluation of Ergonomics Assessment Method among Harvesters of Oil Palm Plantation in Occupational Safety and Health in Commodity Agriculture	2013 – 2014
12	UPM	Designing an Ergonomics Harvesting Tool for Oil Palm Plantation Workers : A Case Study in Reducing Ergonomics Risk in Occupational Safety and Health in Commodity Agriculture	2013 – 2014
13	UPM	Harvesting Task in Oil Palm Plantation: A Case Study of Early Harvesting Stage in Occupational Safety and Health in Commodity Agriculture	2013 – 2014
14	UPM	Developing Ergonomic Motorized Transporter for Oil Palm Collector Usage: A Case Study in Occupational Safety and Health in Commodity Agriculture	2013 – 2014
15.	UTHM	Garis Panduan Orang yang kompeten Bunyi Bising	2016
16.	UPM	Malaysian Palm Oil Milling Industry: Analyses on Economics, Social, Safety and Health,” focuses on issues related to Economics, Social, Safety and Health in the Palm Oil Milling Industry in Malaysia	2017

#### H. CONTRIBUTION TO SOCIETY AND COUNTRIES

Program	Organizer	Venue	Position	Year
Outward bound program	FMHS	Templer's Park	Deputy Director	1998
Outward bound Experience program	FMHS	Janda Baik	Deputy Director	2000
Outward bound Experience program	FMHS	Templer's Park	Deputy Director	2001
Outward bound Experience program	FMHS	Janda Baik	Director	2002
Outward bound Experience program	FMHS	Janda Baik	Advisor	2003
Program Penghayatan Islam	FMHS	Morib	Committee members	2002
Program Penghayatan Islam	FMHS	Morib	Committee members	2003
Program Penghayatan Islam	FMHS	Janda Baik	Committee members	2005
Rukun Tetangga	Persatuan Penduduk, (TPP)	Taman Putra Perdana	Committee members	2004 – 2006
Persatuan Penduduk IT Admiral, Taman Putra Perdana	Persatuan Penduduk, TPP	Taman Putra Perdana	Secretary	2003 – 2006
Persatuan Penduduk IT Admiral, Taman Putra Perdana	Persatuan Penduduk, TPP	Taman Putra Perdana	Chairman	2006 – 2008
Motivation Program for school children	Persatuan Penduduk, TPP	Taman Putra Perdana	Chairman	2007

## I. CONSULTATION

NO	Consultation	Client	Venue	Status
1	Environmental Health Impact Assessment	Department of Environment's officers	Malacca	Completed
2	Environmental Health Impact Assessment	Department of Environment's officers	Kedah	Completed
3	Health Risk Assessment	Ministry of Health officers	UPM	Completed
4	Environmental impact assessment for anshin steel mil	Anshin Steel Mill	Department of Environment	Completed
5	Chemical risk assessment for Golden Hope Fibreboard	Golden Hope Fibreboard	Nilai, Negeri Sembilan	Completed
6	Safety officer short course: Introduction to ergonomics	Private Companies Safety Officer	Niosh, Bangi	Completed
7	Environmental Impact Assessment (agriculture sector) guideline for Ministry of Science and Technology	Department of Environment	Putrajaya	Completed
8	Development of Safety and Health Policy	UPM	UPM	Completed
9	Occupational Safety and Health Seminar for UPM's Senior Management	Registrar Office, UPM	Putrajaya	Completed
10	Introduction to Occupational safety and Health for Management & Professional	UPM lecturers and assistant registrar	UPM	Completed
11	Introduction to Occupational safety and Health for Office's supporting staff	UPM's supporting staff	Port Dickson	Completed (Series of program)
12	Introduction to Occupational safety and Health for laboratories supporting staff	UPM's supporting staff	Port Dickson	Completed
13	Profil Keselamatan dan Kesihatan Pekerjaan di Malaysia	Department of Occupational Safety and Health	National	Completed
14	The Effects of Prolong Sitting from Ergonomics Aspect Among Office Workers in Klang	Department of Occupational Safety and Health	National	Completed

NO	Consultation	Client	Venue	Status
15	Kajian Bagi Melihat Hubungan Diantara Faktor Ergonomik Dengan Kesan Kesihatan Di kalangan Pengguna Unit Paparan Video (VDU) Bagi Kakitangan Kerajaan Di Malaysia	Department of Occupational Safety and Health	National	<b>Completed</b>
16	Kajian Bagi Melihat Hubungan Di Antara Factor Risiko Ergonomic Dengan Masalah Acute Back Injury Dan Chronic Back Pain Di Kalangan Jururawat Di Malaysia	Department of Occupational Safety and Health	National	<b>Completed</b>
17	Indoor Air Quality Monitoring and training	Uniten	Bangi and Muadzam Branch campus	<b>Completed</b>
18	Noise measurement training	Uniten	Bangi and Muadzam Branch campus	<b>Completed</b>
19	Ergonomics Assessment	MTM Sdn Bhd	Wangsa Maju, Selangor	<b>Completed</b>
20	Ergonomics Assessment	Electrisola Sdn Bhd	Janda Baik, Pahang	<b>Completed</b>
21	Indoor Air Quality	TSG Sdn Bhd	TSG Sdn Bhd	<b>Completed</b>
22	Indoor Air Quality Monitoring	MTM Sdn Bhd	Wangsa Maju, Selangor	<b>Completed</b>
23	CPR Training	Uniten	Bangi and Muadzam Branch campus	<b>Completed</b>
24	Ergonomics Assessment	Emerson Sdn Bhd	Negeri Sembilan	<b>Completed</b>
25	Whole body vibration monitoring in truck lift	Petlin, Sdn Bhd	Kerteh, Terengganu	<b>Completed</b>
26	Whole body vibration exposure assessment	North Port Sdn Bhd	North Port, Klang	<b>Completed</b>
27	Noise Monitoring -Genset	Tenaga Nasional Berhad	Kelana Jaya	<b>Completed</b>
28	Noise Monitoring	Karich (M) Sdn. Bhd	Meru, Klang	<b>Completed</b>
29	Noise Monitoring & Chemical Health Risk Assessment	Georg-Jordan (M) Sdn Bhd	Balakong, Selangor	<b>Completed</b>
30	Hazard Risk, Risk Control & Risk Assessment (HIRARC)	Universiti Tenaga Nasional (UNITEN)	Bangi, Selangor	<b>Completed</b>

NO	Consultation	Client	Venue	Status
	Training			
31	CPR Training	Universiti Tenaga Nasional (UNITEN)	Universiti Tenaga Nasional (UNITEN)	Completed
32	Ergonomic & Office Safety Assessment	Universiti Islam Antarabangsa Malaysia (UIAM)	Gombak, Kuala Lumpur	Completed
33	CPR & First Aid Training	Universiti Tenaga Nasional (UNITEN)	Bangi and Muadzam Branch campus	Completed
34	CPR & First Aid Training	Universiti Tenaga Nasional (UNITEN)	Bangi and Muadzam Branch campus	Completed
35	CPR & First Aid Training	Universiti Tenaga Nasional (UNITEN)	Bangi and Muadzam Branch campus	Completed
36	Personal Protective Equipment (PPE) Training	Universiti Tenaga Nasional (UNITEN)	Bangi and Muadzam Branch campus	Completed
37	Office Safety Training	Tenaga Nasional Berhad (TNB)	Bangi and Muadzam Branch campus	Completed
38	Noise Monitoring	JCY HDD Technology Sdn Bhd	Bukit Minyak, Seberang Prai, Penang	Completed
39	Chemical Health Risk Assessment (CHRA)	JCY HDD Technology, Sdn Bhd	Bukit Minyak, Seberang	Completed
40	Assessment of Exhaust Air Monitoring for Dust	JCY HDD Technology Sdn Bhd	Bukit Minyak, Seberang Prai, Penang	Completed
41	Hazard Risk, Risk Control & Risk Assessment (HIRARC) Training	Jabatan Ukur dan Pemetaan Malaysia	Jalan Semarak, Kuala Lumpur	Completed
42	Personal Protective Equipment (PPE) Training	Jabatan Ukur dan Pemetaan Malaysia	Jalan Semarak, Kuala Lumpur	Completed
43	Develop ERP & Fire Safety Training	JCY HDD Technology Sdn Bhd	Bukit Minyak, Seberang Prai, Penang	Completed
44	Initial Noise Monitoring - Karich	Karich Sdn Bhd	Klang, Selangor	Completed
45	Stack Monitoring	Jeebco (M) sdn Bhd	Sungai Buloh, Selangor	In progress
46	Water Analysis	Jeebco (M) sdn Bhd	Sungai Buloh, Selangor	Completed

<b>NO</b>	<b>Consultation</b>	<b>Client</b>	<b>Venue</b>	<b>Status</b>
47	Chemical Monitoring	Jeebco (M) sdn Bhd	Sungai Buloh, Selangor	<b>Completed</b>
48	Audiometric Testing	Jeebco (M) sdn Bhd	Sungai Buloh, Selangor	<b>Completed</b>
49	Audiometric Testing	Tenaga Nasional Berhad (TNB)	Bangsar, Selangor	<b>Completed</b>
50	Audiometric Testing	Karich (M) Sdn Bhd	Meru, Klang, Selangor	<b>Completed</b>
51	Indoor Air Quality (IAQ) Assessment	TNB Sdn Bhd	Bangunan Dua Sentral, KL	<b>Completed</b>
52	Water Analysis	Tenaga Nasional Research	Bangi, Selangor	<b>Completed</b>
53	Ergonomics Assessment	JUPEM	Wisma JUPEM, KL	<b>Completed</b>
54	Audiometric Testing	Tenaga Nasional Berhad (TNB) – PutraJaya	Putra Jaya, Selangor	<b>Completed</b>
55	Ergonomics Assessment	Murphy Oil	KLCC, KL	<b>Completed</b>
56	Ergonomics Assessment	Petrofac Oil	KLCC, KL	<b>Completed</b>
57	Chemical Health Risk Assessment (CHRA)	Technofit Sdn Bhd	Manjung, Lumut, Perak	<b>Completed</b>
58	Ergonomics Assessment	Interpress Sdn Bhd	Shah Alam	<b>Completed</b>
59	Noise Monitoring	Tenaga Nasional Berhad (TNB) – PutraJaya	Putra Jaya, Selangor	<b>Completed</b>
60	Noise Monitoring	Tenaga Nasional Berhad (TNB) – Kenyir	Kenyir, Selangor	<b>Completed</b>
61	Noise Monitoring	Technofit Sdn Bhd	Manjung, Lumut, Perak	<b>Completed</b>
62	Indoor Air quality	Remaco Sdn Bhd	Petaling Jaya	<b>Completed</b>
63	Audiometric testing	Jabatan Muzik	UPM	<b>Completed</b>
64	Ergonomics Assessment	IPP Sdn Bhd	Shah Alam	<b>Completed</b>
65	Office Ergonomics awareness	Petrofac, KLCC	Kuala Lumpur	<b>Completed</b>
67	Indoor Air quality	TNEC Sdn Bhd	Petaling Jaya	<b>Completed</b>
68	Ergonomics Intervention Program	Technip Sdn Bhd/Niosh	Pasir Gudang	<b>Completed</b>
69	Ergonomics Assessment Method	International Conference of EOH	Marriot Hotel, Putra Jaya	<b>Completed</b>
70	Ergonomics at the workplace	UMP	UMP	<b>Completed</b>
71	Ergonomics assessment	SOCISO	Sg Petani	<b>Completed</b>
72	Ergonomics awareness	Cadbury Sdn Bhd/Mondelez	Shah Alam	<b>Completed</b>



NO	Consultation	Client	Venue	Status
73	Ergonomic training for office	JUPEM	Kuala Lumpur	Completed
74	Ergonomics Assessment	TMnet	Cyberjaya	On-going
75	Ergonomic training for office	UPM Halal Hub	Serdang	Completed
76	Ergonomic training for office	UPM Bahagian Pembangunan	Serdang	Completed
77	Ergonomic training for office	Hitachi	Bangi	Completed
78	Ergonomics: Manual Handling Assessment	MAB (KLIA)	KLIA	Completed
79	Ergonomics for health care workers	Institut Jantung Negara	Institut Jantung Negara	Completed
80	Ergonomic training for office	INTROP	Serdang	Completed
81	Ergonomics assessment	SOCISO	Alor Setar	Completed
82	Ergonomics assessment Training	MNLG, Petronas	Bintulu	Completed
83	Ergonomics Assessment	Honsin Apparel Sdn Bhd	Batu Pahat	Completed
84 - 91	Audiometric Assessment	KLIA UMW Bank Rakyat La Farge Percetakan Negara TNB Connought Silverstone Sdn Bhd Kellogs Malaysia Spring Energy Sdn Bhd	Malaysia	Completed
92	Ergonomics (office and factory)	Jomalina Sdn Bhd	Klang	Completed
93	Ergonomics (office and factory)	Nori Sdn Bhd	Banting	Completed
94	Ergonomics (office and factory)	Universiti Teknologi Mara	Shah Alam	Completed
95	Ergonomics Risk Assessment (Series)	Federation of Malaysian Manufacturing	Penang	On Going
96	Ergonomics Compensation	Syabas Sdn Bhd	Kuala Selangor	Completed
97	Ergonomics Compensation	Putra Hospital	Melaka	Completed
98	Ergonomics Risk Assessment	Sepanggar Port	Kota Kinabalu	Completed
99	Ergonomics Risk Assessment	Infineon Kulim	Kulim, Kedah	Completed
100	Ergonomics Risk Assessment Training	Astro	Kuala Lumpur	Completed
101	Profil Keselamatan dan Kesihatan Pekerjaan di	Department of Occupational Safety	National	Completed

NO	Consultation	Client	Venue	Status
	Malaysia 2016	and Health		

#### J. MEMBERSHIP (Professional Bodies)

No	Professional Bodies	Role	year
1.	Chartered Institute of Environmental Health	Voting Member	2012
2.	Pan Pacific Council of Ergonomics	Member	2005
3.	Human Factors and Ergonomics Society Malaysia	President and Voting member	2015
4.	Malaysian Industrial Hygiene Association	Member	2008
5.	International Ergonomics Association	Malaysian representative	2015
6.	Asian Council of Ergonomics Design (ACED)	Malaysian representative	2016

# K. CONFERENCES/ WORKSHOPS AND SEMINARS ATTENDED

No	Conference	Venue	Participation
1	Kolokium Kebangsaan Kesihatan Masyarakat Ke Lima, HUKM, UKM	1998, HUKM, Cheras	Oral and poster presenter
2	2 <sup>nd</sup> National Public Health Conference	17 – 19 April 2001, Hotel Summit, Subang Jaya	Oral and poster presenter
3	Kolokium Kebangsaan Kesihatan Masyarakat ke 9	24 – 25 September 2002, Blue wave Hotel, Shah Alam	Oral presenter
4	3 <sup>rd</sup> National Public Health Conference	28 -30 <sup>th</sup> April, 2003, Hilton Hotel, Seremban	Poster presenter
5	4 <sup>th</sup> National Public Health Conference	16-18 March 2005, J.W Marriot Hotel, Putra Jaya	Poster presenter
6	Indoor Air Quality	1997, Ikram, Bangi	Participant
7	Health Risk Assessment	April 1999. FMHS, UPM	Committee members
8	Audiometric test and analysis	14 <sup>th</sup> May 2002, Niosh, Bangi	Participant
9	Lung Function test and analysis	15 <sup>th</sup> May, Niosh, Bangi	Participant
10	Seminar in Enviromental and Occupational Health	April 2003, FMHS. UPM	Organizer
11	Ergonomics measures to prevent the onset of work related musculoskeletal disorders	3 <sup>rd</sup> – 20 <sup>th</sup> August 2004, Niosh, Bangi	Participant
12	Ergonomics improvement in the workplace	12th – 17th August 2005, Niosh Bangi	Participant
13	2 <sup>nd</sup> Asia Pacific Conference on Risk Management for preventive medicine	1st to 3rd October, Renaissance Hotel, Kota Bharu, Kelantan	Symposium speaker
14	Ergo Future 2006 International Symposium On Past, Present and Future Ergonomics, Occupational Safety And Health	University of Udayana, Bali, Indonesia 26 – 30th August 2006	Speaker
15	2 <sup>nd</sup> National Industrial Hygiene Conference (Malaysian Industrial Hygiene Association)	Sheraton Subang Hotel & Tower, Malaysia 10 – 11 April 2007	Symposium speaker
16	Seminar Keselamatan dan Kesihatan Pekerjaan di Sektor awam	(ESSET), Bangi 6 – 7 July 2009	Symposium Speaker

No	Conference	Venue	Participation
17	Risk Management Seminar for Health and Safety 2009	Tokyo University 26 – 29 March 2009	Speaker
18	The 8 <sup>th</sup> Pan-Pacific Conference on Occupational Ergonomics (PPCOE 2007)	Sofitel Hotel Plaza 17-19 October 2007	Speaker
19	Seminar Tata Amalan Keselamatan dan kesihatan Pekerjaan Kenderaan Perdagangan	German Malaysian Institute, Bangi 23rd June 2010	Symposium Speaker
20	Seminar Tata Amalan Keselamatan dan kesihatan Pekerja Kenderaan Perdagangan	Pulau Pinang 21 Julai 2010	Symposium Speaker
21	Seminar Tata Amalan Keselamatan dan kesihatan Pekerjaan Kenderaan Perdagangan	Batu Pahat 21 Julai 2010	Symposium Speaker
22	Seminar Tata Amalan Keselamatan dan kesihatan Pekerjaan Kenderaan Perdagangan	Kota Bharu 21 Julai 2010	Symposium Speaker
23	Seminar Tata Amalan Keselamatan dan kesihatan Pekerjaan Kenderaan Perdagangan	Sabah 21 Julai 2010	Symposium Speaker
24	Seminar Tata Amalan Keselamatan dan kesihatan Pekerjaan Kenderaan Perdagangan	Sarawak 21 Julai 2010	Symposium Speaker
25	The 3rd Regional Conference on noise, vibration and comfort (NVC)	Putrajaya	Speaker
26	Seminar on developing Malaysian Occupational Safety and Health Profile	Grand Season Hotel, Kuala Lumpur (2008)	Main speaker & moderator
27	Gap Analysis in developing Malaysia Occupational Safety and Health Profile	Hotel Uniten, Bangi	Main speaker & moderator
28	Ergonomics Hazard in the workplace	Chorus Hotel, Kuala Lumpur, 24th November 2010	Speaker
29	Lindungi tulang belakang anda	Institut Kesihatan Umum, 1 November 2010	Speaker
30	Cradle Discovery Clinic 2010	Gallery 2, Faculty of Engineering UPM	Participant
31	COSH 2012	Sunway Hotel	Participants
32	International Society for environmental epidemiology East Asia Chapter. ISEE-EAC 2012	Renaissance Hotel	Speaker
33	South east Asian Network of ergonomics societies conference (SEANES), Langkawi	Pelangi Meritus	Speaker and committee

No	Conference	Venue	Participation
34	Recoup 2nd Ergonomics conference of ergonomics	Bangalore, India	Speaker
35	HFEM National Seminar on Ergonomics	Kuala Lumpur	Speaker
36	2nd International Conference on Ergonomics	Kuala Lumpur	Workshop trainer
37	Current Issues in Malaysian Ergonomics	International Conference of Environmental and Occupational Health 2014	PlenarySpeaker
38	Ergonomics Legislation Forum	Petronas Carigali SKO	Plenary Speaker
39	OSH in Agriculture: Current Researchs	World Osh day: Mapa & Sime Darby	Plenary Speaker
40	Ergonomics intervention in agriculture	NIOSH Seminar on Empowering ergonomics in agricultural sector	Speaker
41	Current Issues in Malaysian Ergonomics	2nd International Environmental Health Conference	Plenary speaker
42	3rd South east Asian Network of ergonomics socities conference	Holiday Inn Singapore	Speaker and commitee
43	Seminar on Human Factors and Ergonomics 2014	Mimos Berhad, Technology Park Malaysia, Kuala Lumpur	Plenary speaker
44	Third Safety Forum for KSA Universities, King Abdulaziz University, Saudi Arabia	King Abdul Aziz Convention Center	Plenary speaker
45	Chemical Handling in OSH	Faculty of Science, Jazan University, Saudi Arabia	Guest Lecturer
46	Heat exposure in OSH	Faculty of Engineering, Jazan University, Saudi Arabia	Guest Lecturer
47	Office Ergonomics	Faculty of Public Health, Jazan University, Saudi Arabia	Guest Lecturer
48	From Farmers to Corporate: Malaysian Experience in Improving Safety and Health through Ergonomics Intervention	International Symposium on Advancements in Ergonomics and Safety (ERGOSYM2015)	Plenary speaker
49	<b>"OSH: Preventive Culture - Where We Are Now?"</b> Seminar Kebangsaan Keselamatan Dan Kesihatan Pekerjaan 2017	Sunway Putra Hotel	Plenary Speaker

No	Conference	Venue	Participation
	16 <sup>th</sup> – 17 <sup>th</sup> November		
50	19 <sup>th</sup> Triennial Congress of the International Ergonomics Association. Melbourne Australia	Melbourne, Australia	Speaker
51	Spring Conference of the Ergonomics Society of Korea and 18 <sup>th</sup> Korea-Japan Joint Symposium (2 <sup>nd</sup> June 2016)	Jeju, Korea	Speaker
52	Human Factors and Ergonomics Conference 2016	Segi College	Speaker
53	The 2nd Asian Conference on Ergonomics and Design, Tsudanuma Campus, Nihon University. 1 <sup>st</sup> June – 4 <sup>th</sup> June 2017	Japan	Co-speaker
54	Occupational safety and health of agricultural workers. Symposium in Japan Society for Occupational Health annual meeting, Tokyo Big Sight in May 2017	Japan	Co-speaker
55	FMM NS SHE Conference 2017: Leading towards Sustainable SHE Work Culture October 10-12, 2017	Seremban	Speaker
56	Safety & Health Conference “ <b>Moving Ahead-Powering Up</b> ” 14 and 15 March 2017 at the E & O Hotel, Penang.	Penang	Speaker
57	The 4TH Seminar on Developing and Sustaining Safety Culture in Malaysia (DSSCM IV)	Sunway Putra Hotel	Speaker

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