

**Che Husna Azhari PhD. CEng**

FIMMM(UK) FIMM(Malaysia)

*Date of Birth: 8th November 1955**Place of Birth: Melor, Kelantan Darul Naim***Current Designation****Research and Technical Director**

Entruss Ventures Sdn Bhd
 9B, Jalan TC 2A/1, Taman Cemerlang
 531000, Kuala Lumpur

No	Past / Immediate Past Academic Appointments	Year
1.	DIRECTOR GENIUS Insan College Islamic Science University of Malaysia Bandar Baru Nilai, 71800 Nilai, Negeri Sembilan Darul Khusus, Malaysia	October 2017-October 2019
2.	ADJUNCT PROFESSOR OF MATERIALS Faculty of Engineering and the Built Environment Universiti Kebangsaan Malaysia, Malaysia	March 2017 –March 2018
3.	DAAD VISITING PROFESSOR Universität Duisburg –Essen Faculty of Engineering Universität Duisburg-Essen Ostrasse 99, BB, Raum 321, Duisburg Germany	October 2017- March 2018

No	Editorial Board	Year
1.	Journal Institute of Materials, Malaysia	1997-2003
2.	Journal of Physical Science, USM	2013-current
3.	Journal of Advanced Manufacturing Technology, UTeM	1997-2003
4.	Journal Institution of Engineers Malaysia	1997-2003
5.	Member of International Chamber of Commerce, Malaysia	1997-2003

No	Professional Appointments	Year
1.	DEPUTY PRESIDENT B.L.E.V.E (Boiling Liquid Expanding Vapour Explosion) Malaysia Association 79, Jalan Nova U5/N Subang Bestari, 40150 Shah Alam Selangor (husna.azhari@bleve-ngo.org)	2018-current
2.	PAST DEPUTY PRESIDENT Institute of Materials Malaysia Suite 515, Blok A, Kelanna Centre Point no3, Jalan SS7/19, Kelana Jaya.	2012-2014

No	Appointments	Year
MINISTRY OF HIGHER EDUCATION, MALAYSIA		
1.	DEPUTY DIRECTOR Division of Quality Assurance, Ministry of Higher Education, Malaysia. Was involved in the inception of the Malaysian Qualifications Agency and the formulation of the Malaysian Qualifications Framework.	2005-2006
2.	HEAD of Malaysian Higher Education Rating Project (SETARA) Phase One Phase Two Two projects were developed and used for ranking SETARA and ARES. ARES has been discontinued, SETARA was expanded and used since 2008.	May 2005- May 2007 Nov 2007- April 2008
3.	PANEL for Peer Review for Implementation of National Higher Education Plan at IIU, USIM and USM.	December 2009
4.	TASK FORCE for the Setting up of the Malaysian Citation Agency by the Ministry of Higher Education (2009 –2011). The Task Force provided a report for the rationale of setting up the Malaysian Citation Agency. The Ministry later set up Malaysian Citation Centre of MyCite.	2009-2011

No	Appointments	Year
INSTITUT KAJIAN STRATEGIK ISLAM MALAYSIA		
1.	HEAD OF CLUSTER: Project on Feminism in Malaysia	2015-2017
2.	PRINCIPAL FELLOW of the Institute	
UNIVERSITI KEBANGSAAN MALAYSIA (UKM)		
1.	HEAD OF DIVISION, STRATEGIC PLANNING, UKM Was involved in academic planning and restructuring. Coordinated the UKM Strategic Plan 1990-2000.	1998-2001
2.	DEPUTY DIRECTOR, CENTRE FOR ACADEMIC ADVANCEMENT, UKM Was responsible for Academic Quality Assurance for UKM, Academic Restructuring and Planning.	2001-2004
3.	DIRECTOR OF INSTITUTE OF THE MALAY WORLD AND CIVILISATION (ATMA) ATMA was the first research institute set up in UKM to research in the science and technology of the Malay world. Introduced research direction in Malay Science and Technology	March 2007- September 2008

4.	DIRECTOR, CENTRE FOR CORPORATE PLANNING AND LEADERSHIP, UKM A directorship in the Chancellery reporting directly to the Vice Chancellor. Was responsible for Academic Planning and Restructuring, Quality Assurance and Accreditation and Human Resource Planning and University Performance.	2009-2011
MEMBERS OF COMMITTEES AT THE UNIVERSITY LEVEL (UKM AND USIM)		
1.	UKM SENATE Committee Member of the Appointment of Visiting Scholars	2007-2011
2.	UKM SENATE MEMBER for Quality Assurance Special Appointment by the Vice Chancellor	2006-2007
3.	UKM SENATE MEMBER	2006-2011
4.	PROJECT MANAGEMENT OFFICER for UKM To report on UKM performance to Ministry of Higher Education	2009-2011
5.	DIRECTOR OF CORPORATE PLANNING AND LEADERSHIP AND MEMBER of University Quality Assurance Team for Quality Awards	2008-2011
6.	HEAD, COUNCIL OF PROFESSORS Faculty of Engineering and the Built Environment	2013-2016
7.	IMMEDIATE PAST DEPUTY CHAIRPERSON Advanced Materials and Nanotechnology Niche, Universiti Kebangsaan Malaysia.	2017-2019
8.	PRINCIPAL FELLOW	2017-2019
9.	MEMBER Project with National Literature Laurate, Prof Muhammad Haji Salleh at USIM	2019

No	Academic Tracks at Universiti Kebangsaan Malaysia (UKM)	Year
Faculty of Engineering and Built Environment (FKAB), UKM		
1.	ADJUNCT PROFESSOR Faculty of Engineering and Built Environment, Universiti Kebangsaan Malaysia	2017
2.	CONTRACT PROFESSOR VK6 (GRADE C) Department of Mechanical and Materials Engineering, FKAB, UKM	2015
3.	PROFESSOR VK5 (GRADE A) Department of Mechanical and Materials Engineering, FKAB, UKM	2009
4.	PROFESSOR VK6 (B GRADE) Department of Mechanical and Materials Engineering, FKAB, UKM	2006
5.	CHAIR OF PROFESSOR Department of Mechanical and Materials Engineering, FKAB, UKM	2000

6.	ASSOCIATE PROFESSOR Department of Mechanical and Materials Engineering, FKAB, UKM	1993
7.	REPORTED DUTY AS LECTURER IN FKAB After PhD graduated from Department of Chemical and Process Engineering, Brunel University, Middle Essex, United Kingdom	1985

No	Research Appointments at Institutes Of Higher Learning	Year
Appointments at UKM		
1.	HEAD OF CLUSTER Malay Thought, Civilisation and Technology	2007-2009
2.	HEAD OF GROUP Advanced Materials Processing and Integrity Research Group	2007 -2016
3.	EXPERT Group of the Nanotechnology and Advanced Materials Niche	2008-2016
4.	SECRETARIAT UKM Niche Committee	2009-2010
5.	DEPUTY CHAIRPERSON Nanotechnology and Advanced Materials Niche	2014-2016
6.	PRINCIPAL ASSOCIATE RESEARCH FELLOW The Institute for Solar Energy (SERI)	2006-2017
7.	PRINCIPAL ASSOCIATE RESEARCH FELLOW The Institute of the Malay World and Civilisation (ATMA)	2008-2017
8.	PRINCIPAL ASSOCIATE RESEARCH FELLOW Centre for Academic Advancement	2010-2012
9.	PRINCIPAL ASSOCIATE RESEARCH FELLOW Centre for Women Leadership UKM	2014-2016
10.	PRINCIPAL ASSOCIATE RESEARCH FELLOW Centre for Engineering Education, Faculty of Engineering and Built Environment, UKM	2014-2016
Appointments at UPM		
1.	EXPERT GROUP Department of Aeronautics Engineering, Universiti Putra Malaysia	2014-2016
2.	MEMBER Master's Programme Innovation and Design, Universiti Putra Malaysia	Dec 2016-Dec 2019

No	International Appointment (Visiting Professorships)	Year
University of Duisburg-Essen		
1.	VISITING PROFESSOR To teach Islam and Engineering University of Duisburg- Essen, Dusseldorf.	Jan 2003
2.	MEMBER of the pioneering group to teach Islam and Engineering for the Faculty of Engineering, UKM-UDE Double Degree programme. My host was Prof Axel Hunger.	Jan 2003

3.	VISITING PROFESSOR Under sponsorship of DAAD to teach Islam and Engineering, Culture and Design and Polymer Processing. My host was Prof Axel Hunger from the Institut of Microelectronics and Electrical Engineering.	October 2016-March 2017
Kazakh National Technical University KZNTU, Almaty, Kazakhstan		
1.	VISITING PROFESSOR Academic Visit organised by MTDS, Malaysia.	June 2011
Nagaoka University of Technology, Japan		
1.	VISITING PROFESSOR Advanced Nanomaterials to Systems Eng. Lab, invited by Prof Y. Mutoh, the Vice President and Professor of Systems Lab Engineering to study microstructures of Composites	October 2011
International Burch University, Sarajevo		
1.	VISITING PROFESSOR Advanced Nanomaterials. Conducted a course for postgraduates and young academics in Professional Development. https://www.ibu.edu.ba	Nov 2011
Shahid Beheshti University, Tehran, Iran		
1.	VISITING PROFESSOR I was the Organising Chairperson of the Joint Conference between UKM and the Institute of Institute for Social and Cultural Justice, Ministry of Science, Technology and Research, Islamic Republic of Iran, headed then by Prof J.Hatami to organize the joint Conference : Islam and Society Series with the theme " Justice in Islam".	June 2012
University of Bengkulu, Indonesia		
1.	VISITING PROFESSOR Materials Processing to the Mechanical Engineering Department, Faculty of Engineering.	Nov 2012
Suleyman Demirel University, Kazakhstan		
1.	VISITING PROFESSOR I conducted a workshop on Professional Development for Young Academics.	April -May2013
Suleyman Sah University, Istanbul, Turkey		
1.	VISITING PROFESSOR I gave seminars on Quality Assurance in Higher Education. My host was the Rector, Prof Hussein Ekiz.	December, 2013
UNJANI, Bandung, Indonesia		
1.	VISITING PROFESSOR I conducted a seminar on materials in defence	Feb 2014

YARSI, Jakarta, Indonesia		
1.	VISITING PROFESSOR I conducted seminars on dental materials to the students in the Faculty of Dentistry. My host was the Chairman, Prof Yurnalis Uddin.	September 2014
FATIH UNIVERSITY, Istanbul, Turkey		
1.	VISITING PROFESSOR Under the sponsorship of TUBITAK, Turkey. I taught Manufacturing Process to Industrial Engineering students. My host was the Dean of the Faculty of Engineering, Prof Cedet Meric.	Jan-Feb 2015
2.	VISITING PROFESSOR Research visit to look at research on nanomaterials, specifically microstructural characterisation of natural rubber composites/blends.	December 2013
AI Bukhary International University, Malaysia		
1.	VISITING PROFESSOR To teach Islam and Asian Civilisations	September 2016
Amir Kabir University		
1.	VISITING PROFESSOR Department of Mechanical Engineering, Amir Kabir University, Tehran, in collaboration with Prof Omidvar and MAPNA for the development of metal coatings.	Jan 2018 and November 2018
Bostwana International University of Science and Technology		
1.	VISITING PROFESSOR Department of Chemical, Materials and Metallurgical Engineering, Faculty of Engineering, BIUST, Palapye, Bostwana. This was a programme to collaborate on research on natural fibre composites, since Dr. Uchenna Ude who is at BIUST was a UKM PhD graduate.	November 2019
Appointments at UPM		
1.	EXPERT GROUP Department of Aeronautics Engineering, Universiti Putra Malaysia	2014-2016
2.	MEMBER Master's Programme Innovation and Design, Universiti Putra Malaysia	Dec 2016-Dec 2019

No	Industrial and Research Attachments	Year
Institut Francais Du Petrole, Solaize, Lyon, France		
1.	Rueil Malmaison, Paris, France	Dec 1988
2.	Grant by the Institut Francais du Petrole, Lyons. Project to study the pressure drop correlations in a packed bed industrial	Nov 1990- February 1991

	reactor. This project was submitted as part requirements for my application for Chartered Engineer in 1993.	
Bougues Offshore Technique, France		
1.	Travel Grant by Bouygues Malaysia.The Challenger, France	Dec 1988
Wolfson Institute Of Polymer Processing, Brunel University, UK		
1.	Sponsored by the Asian Development Bank. I was involved in a project to study the melt characteristics of melt processing of PA/PP thermoplastic blends using conventional polymer melt processing.	March-April 1991
2.	Sponsored by the Asian Development Bank. The one-month placement was to study the work on thermoplastic blends processing.	May 1992
Universite de Technologie de Compiegne, Compiegne, France		
1.	Research attachment at the Department of Chemical and Process Engineering with Prof Pierre Guigon. Sponsored by the ASEAN-EU Grant. This was a major project sponsored by an EU-ASEAN grant to build a 6m riser at UKM. This project saw researchers from both UKM and UTC working to build a CFB Plant in UKM.	Nov 1994-Nov 1997
Undergraduate Industrial Attachments		
Brunel University offered undergraduate programmes which were called thin sandwich courses which consisted of 6 months industrial training in the 3 years of a 4 year course. I underwent a total of 1.5 years industrial training.		
1.	Amalgamated Dental Chemicals, Alderstone Surrey,UK	March 1976-Sept 1976
2.	Rubber Research Institute of Malaysia, Jalan Ampang	March 1977-Sept 1977
3.	Alcan Foils , Wembley	March 1978-Sept 1978

No	Teaching	Year
Undergraduate Teaching		
1.	UKM Polymer Processing (elective 4 th year) Engineering Materials (2 nd year), Composites of Mechanic and Materials (Elective 4 th year) Manufacturing Process (2 nd year)	Dec 1988
2.	Al-Bukhary International University Culture and Design, Scientific Luminaries in Science, The Philosophy of Rumi and Ghazali	
3.	Fatih University Manufacturing Process	
Postgraduate Teaching		
1.	Masters of Engineering at Universitat Duisburg-Essen	Dec 1988

	Polymer Technology, Culture and Design, Islam and Engineering	
2.	Masters of Engineering at UKM Polymer and Composites Processing	
3.	Masters of Engineering at UKM Audit Course for Postgraduates Presentation Skills	

No	Qualifications/Products/Specialisation	Year
Tertiary Qualifications		
1.	BTech(Hon)Brunel University, Kingston Lane, Uxbridge, Middlesex, United Kingdom.. (Polymer Technology)	July 1979
2.	PhD. Brunel University, Kingston Lane, Uxbridge, Middlesex. United Kingdom.. (Catalysis/Reaction Engineering)	March 1985
Professional Qualifications		
1.	Chartered Engineer (United Kingdom) EuroIng. :Registration no:447496	since May 1993- current
Affiliations with Professional and Learned Bodies		
1.	FELLOW Institute of Materials, Mining and Minerals.UK. FIMMM Registration no:34827	2000-current
2.	APPROVED ASSESSOR IOM3 Institute of Materials, UK	2013-2016
3.	SCRUTINEER AND MENTOR Engineering and Technology Council, UK	
4.	FELLOW Institute of Materials, Malaysia. MIMM Registration no: F55	2005-current
5.	MEMBER Council, Institute of Materials, Malaysia	2000-2012
6.	MEMBER General Assembly, Network of Women Scientists/ Experts of the Islamic World	2010
7.	MEMBER Industry and Innovation Cluster. Council of Professors, Malaysia	2009-2014
8.	MEMBER University Accreditation Committee, UTM. A university appointment.	2013-2017
Patents/Trademark/Licensing		
1.	TRADEMARK 1 i-Art- Face Detector for Malaysian Multimedia Art and Database Collection. Salina Abdul Samad, Aini Hussain, Che Husna Azhari and Khairul AnuarI shak	

2.	TRADEMARK 2: Multimedia Angklung. Salina Abdul Samad, Aini Hussain, Che Husna Azhari and Mohd Ridzuwary MohdZainal. Trademark (Class 16 and 42)
3.	UTILITY APPLICATION FOR ENTRAP™: PI 2013701826 Multi Segmented Material of Reinforced Rubber and Natural Fibre for Producing Body Armour Che Husna Azhari , Noraiham Mohamad, Andanastuti Muchtar and Mariyam Jameelah Ghazali.
4.	TRADEMARK FOR ENTRAP™. PM2013002910
5.	INDUSTRIAL DESIGN FOR ENTRAP™. 14-00725-0101: Class 9.
6.	COPYRIGHT FOR FLEXI-TRAUMA PACK: Ly 2016000861.Noraiham Mohamed, Hairul Effendy Ab. Maulud, Jefferie Abdul Razak, Arsyadi Azam Mohd Abid, Mohd Hanafiah Mohd Isa and Che Husna Azhari.
7.	LICENSING to Alexandre Street Press. USA for Collection of Four Short Stories in the South East Collection www.alexanderstreetpress.com . Royalty holder: AZHARI0001

Research Specialisation

1.	Non-metallic materials: melt processing and structure-property relationship,
2.	Reaction and Process Engineering: gas-solid interaction in circulating fluidised beds, catalysis, heterogeneous catalysis.
3.	Malay Ethnotechnology: Materials fabrication technology
4.	Muslim Women in Science and Engineering (MWISE)

No	Publications
1.	Papers in Science and Engineering may be assessed using C.H.AZHARI from Google scholar. H-index 23 (Google Scholar).
2.	Citations in Science and Technology :1616. Selected Papers appended.
3.	Prof Che Husna is a published and studied author in English creative writing. The short story of Bunga Telor and Bally Shoes was used as text for Literature Component by Secondary Schools for 10 years
4.	The short stories Mariah and Pak De Samad's Cinema are currently used for Literature Component at University for Malaysian Literature in English.
5.	Licenser to Alexander Street Press , US, for short stores.in Southe East Asian Literature. www.alaxanderstreetpress.com/products/south and South East Asian Literature
6.	Selected Papers in Humanities are appended.

No	Selected Consultation for Academic and Industry	Year
1.	CONSULTANT Government Agencies such as SIRIM, Majlis Latihan Vokasional Kebangsaan for ISO Technical committees and Training.	Current
2.	CONSULTANT Bank Pembangunan to produce handbooks for Investment Porfolios	Current
3.	MEMBER ISOTC45 with SIRIM for Testing for Plastic Products	1996-1998

4.	ADVISORY BOARD MEMBER Participated in advisory capacities to several projects for the Malaysian Plastic Manufacturers Association	Current
5.	GOVERNING BOARD MEMBER CI Malaysia, a company that awards ISO certification in Malaysia for CI International (UK) in plastics manufacturing	2008-2014
6.	ADVISORY BOARD MTE College, for Materials Science and Engineering professional courses	2007-2009
7.	CONSULTANT Public universities for the preparation of Self Accreditation status by approval of Ministry of Higher Education	2007-2012
8.	CONSULTANT Public universities for the preparation of Autonomy Status by approval of Ministry of Higher Education	2008- current
9.	EXPERT GROUP MEMBER Department of Aerospace Engineering, UPM	2014-current

No	Academic Supervision	Year
1.	UNDERGRADUATE STUDENTS Have supervised more than 100 to completion	Current
2.	POSTGRADUATE SUPERVISION Have supervised more than 40 postgraduate theses to completion for Masters and 21 for PhD to completion.	Current

No	Selected National and International Advisory Appointments	Year
1.	PRO-TEM COMMITTEE ASIAN DEVELOPMENT Institute on Education on Education and Culture	1998-2000
2.	MEMBER OF ISO TC 45 FOR MALAYSIAN DELEGATION AT SIRIM for Rubbers in Technical applications	1995- 2000
3.	MEMBER COUNCIL of National Standards in Jabatan Standard Malaysia	1998-2000
4.	MEMBER OF CIVITAS GROUP from University of Asia and Pacific on Education and Culture, Asia-Pacific University, Manila, Philippines	2001-2004
5.	TASK FORCE for Society for Engineering Education, Society of Engineering Education, Malaysia (201402916)	Current

No	Academic Planning in UKM	Year
1.	SECRETARIAT AND MEMBER 1st UKM Strategic Plan	1999
2.	HEAD Academic Audit UKM	2003-2005
3.	HEAD OF TASK FORCE MQA Institutional Audit in UKM	2009
4.	SECRETARIAT Readiness for Autonomy Audit, UKM	2011

5.	SECRETARIAT UKM-JPT-AKEPT International Workshop on University Governance Towards Autonomy	July 2011
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No	Quality Assurance Projects In Higher Education	Year
1.	MALAYSIAN QUALIFICATIONS FRAMEWORK TEAM at the Ministry of Higher Education (Quality Assurance Divisiob)	2004-2006
2.	HIGHER EDUCATION QUALITY ASSURANCE: Development of Standards for both public and private institutions of higher learning in the Quality Assurance Division in the Ministry of Higher Education	
3.	PROJECTS IN THE QUALITY ASSURANCE DIVISION: Development of Rating System (SETARA)for Universities in Malaysia, Benchmarking and Accreditation, Curriculum Development According to Standards, Research management and Academic development	
4.	HIGHER EDUCATION MANAGEMENT: self- accreditation and performance measurement	

Malaysian Qualifications Agency and Ministry of Higher Education

1.	PERCEPTION SURVEY OF PUBLIC UNIVERSITIES Pilot Study called Academic Reputation Survey (ARES)	2005-2007
2.	RATING OF MALAYSIAN HIGHER EDUCATION, SETARA (Phase 1)	Feb 2007
3.	RATING OF MALAYSIAN HIGHER EDUCATION, SETARA (Phase 2)	February 2008
4.	REVIEWER FOR ENHANCING UNIVERSITY TRANSFORMATION PROGRAMME (UniTP) Income generation, Endowment and Waqf. Purple Book for the Ministry of Higher Education.	September 2016

No	External Academic Examiners For Theses/Grants/Programmes	Year
1.	EXTERNAL EXAMINER Materials Engineering Programme at the International Islamic University	2004-2012
2.	EXTERNAL EXAMINER Materials Engineering programme, Universiti Teknologi Malaysia	2007- 2009
3.	EXTERNAL EXAMINER Materials Engineering programme, UniversitiTeknikal Malaysia Melaka	2013-2014
4.	MEMBER OF FRGS EVALUATION PANEL Engineering and Technology Cluster, Department of Higher Education, Ministry of Education, Malaysia	Current
5.	MEMBER OF THE TRGS EVALUATION PANEL Engineering and Technology Cluster, Ministry of Education, Malaysia	Current

6.	MEMBER OF THE LRGS EVALUATION PANEL Engineering and Technology Cluster, Ministry of Education, Malaysia	Current
7.	MEMBER OF THE PRGS EVALUATION PANEL Engineering and Technology Cluster, Ministry of Education, Malaysia	Current

No	Research Awards	Year
INTERNATIONAL AWARDS		
1.	Special Award for Generation of Research Funds, for EC-ASEAN Research Project Development of CFB pilot plant at UKM (Project no : CONT-CEE-CII-CT93-0356)	1995
2.	ITEX Silver Medal for NS and NS/PE composites. Terengganu Silk Composites for Soft Body Armour and Applications	2003
3.	ITEX Silver Medal for Image Processing-I Face Detector. i-Aert-Face Detection for Malaysian Multi Media Art and database Collection	2005
4.	MTE Silver Medal for Multi Media Angklung	2007
5.	ITEX Silver Medal for Solar Car Silk Body. SuteraSolar : Solar Car body from Natural Silk /Polyester	2007
6.	ITEX Bronze Medal for Car Energy Absorber System	2008
7.	SIIF International Gold Medal for Multimedia Angklung (Korea)	Dec 2008
8.	Gold Medal for MyGSI at the MTE Expo. MyGSI : Malaysian Generic Skills Inventory	Feb 2009
9.	The Best Award for MyGSI at the MTE Expo. MyGSI :Malaysian Generic Skills Inventory.	Feb 2009
10.	Silver Medal for ENTRAP at the MTE Expo. Soft Body Armour from Natural Materials.	Feb 2011
11.	ITC Tokyo. Excellent Paper Award. Maryam Jameelah Ghazali, Hasrawati Abu Hassan, Che Husna Azhari and Fatma Azura Mamat. The Bioadhesion Behaviour of Banana Leaves as Soil Remover at Elevated Temperatures Awarded by the Society of Mechanical Engineers, Japan	2015
UKM RESEARCH AWARDS		
1.	Innovation Award: Research Award for Group. (Certificate of Mention)	2011
2.	Innovation Award: Winner of Anugerah Citra UKM.	2011
3.	Innovation Award: Research Award for group. Nanotechnology and Advanced Materials Niche	2012
4.	Innovation Award: Winner of Anugerah Citra UKM	2012
5.	Innovation Award: Winner of Research Group (Group) of Malay World and Civilisation Niche	2013
6.	Excellence in Research Award: (Faculty of Engineering and the Built Environment) for Book Publishing	2014
SERVICE AWARDS		

1.	UKM Excellence Service Award	2003
2.	Pingat Setia Mahkota Kelantan from the Kelantan State Government	2004
3.	Women Award from Kelantan. Ministry of Women , Family and Community	2013
HONORIS CAUSA		
1.	Hon Causa from Bauyan Royal Institute of Culture, Mindanao	2015

SPECIAL PILOT PLANT

A pilot CFB with 6m riser built at the Faculty of Engineering, UKM a project undertaken with the Universite de Technologie de Compiègne, France, funded by the EU Commission under the EU-ASEAN Project Fund.

(In the book Che Husna Azhari et al.2005. Titian Cemerlang Teraju Ilmu: Traversing Excellence, Pioneering Knowledge. Pusat Kejuruteraan Termaju. Faculty of Engineering, UKM).

No	Reviewers	Year
INTERNATIONAL Q1 JOURNALS		
1.	Composite structures	Current
2.	Polymer Composites	Current
3.	Materials and Design	Current
MINISTRY FOR HIGHER EDUCATION		
1.	Reviewer for the Ministry of Higher Education to evaluate and monitor proposals in the: FRGS (Fundamental Research Grant Scheme) LRGS (Long Term Research Grant Scheme) TRGS (Trans Disciplinary Research Grant Scheme) PRGS (Prototype Research Grant Scheme) and FRGS-MRS (FRGS Malaysian Rising Star Research Grant Scheme)	2012-2019

No	Selected Research Projects (2011-2014)	Year
1.	A Predictive Model for Evaluation of Strength in Bimodal Distributed Nanostructured Composites (FRGS)	
2.	Fabrication and Materials performance of Carbon and Natiral Silk Laminate Composites for Light weight vehicles. Science Fund RMK-9	2010-2012
3.	Structure-Property, Processing, Performance, Recycle and Reuse (RR) of Advanced Materials	2012-2014
4.	Development of Wear Model of Semi-Metallic Friction Materials	2011-2012
5.	Development of Nanostructured Materials for Dental Applications. (GeranArusPerdana)	2010-2012

6.	Development of Low Cost Technique for Wear Monitoring of Connecting Rod Bore. (FRGS)	2007-2010
7.	Corrosion Resistance Performance of Submerged Nanostructured Ceramic Coated Metallic Components Tropical Seawaters. (FRGS)	2010-2013
8.	Development of New Ceramic Coating for Marine Structure Application.	2008-2010
9.	Development of A Novel Method to Produce Polymer Fibre Using Electrospinning. (FRGS)	2009-2011
10.	Impact of Attenuation in Epoxidised Natural Rubber-Alumina Nanocomposites (ENRAN) Soft Body Armour. (FRGS)	2007-2010
11.	Development of A Novel Framework for Designing Life Cycle Engineering (LCE) Into Products/Systems at The Conceptual Design Stage (FRGS)	2012-2014
12.	The Development of polymer binders in pavement materials. FRGS Grant	
13.	The Development of banana leaves as bio-adhesives at elevated temperatures. FRGS.	2013-
14.	The Development of Bamboo fibres: i.the optimisation of steam explosion process for making mesoscale fibres ii. Chemical modification of fibres to make bamboo fibre/kenaf/epoxy composites.	2013

No	Recent Journal Publications	Year
1.	Influences of the Processing Method And Sintering Temperature on the Translucency of Polycrystalline Ytria-Stabilized Tetragonal Zirconia for Dental Applications CH Chin, A Muchtar, CH Azhari, M Razali, M Aboras Ceramics International	2018
2.	Effect of nano-and micro-alumina fillers on some properties of poly (methyl methacrylate) denture base composites F Kundie, CH Azhari, ZA Ahmad J. Serb. Chem. Soc. 83 (1), 75-91	2018
3.	Crashworthiness characteristics of natural ramie/bio-epoxy composite tubes for energy absorption application MJ Ghoushji, R Alebrahim, R Zulkifli, AB Sulong, S Abdullah, CH Azhari Iranian Polymer Journal, 1-13	2018
4.	Effects of Filler Size on the Mechanical Properties of Polymer-filled Dental Composites: A Review of Recent Developments F Kundie, CH Azhari, A Muchtar, ZA Ahmad Journal of Physical Science 29 (1), 141-165	2018
5.	Enhancing remanufacturing efficiency in Malaysia through a knowledge support system: a case study of brake callipers LW Lie, NA Aziz, DA Wahab, MNA Rahman, CH Azhari International Journal of Industrial and Systems Engineering 28 (4), 451-467	2018

6.	Review of titanate coupling agents and their application for dental composite fabrication NW Elshereksi, M Ghazali, A Muchtar, CH Azhari Dental materials journal 36 (5), 539-552	2017
7.	Crashworthy characteristics of axial quasi-statically compressed Bombyx mori composite cylindrical tubes: Experimental AU Ude, RA Eshkoo, CH Azhari Fibers and Polymers 18 (8), 1594-1601	2017
8.	Energy absorption capability of axially compressed woven natural ramie/green epoxy square composite tubes MJ Ghoushji, RA Eshkoo, R Zulkifli, AB Sulong, S Abdullah, CH Azhari Journal of Reinforced Plastics and Composites 36 (14), 1028-1037	2017
9.	The Spinster of Molo CH Azhari SARE: Southeast Asian Review of English 50 (1), 166-178	2017
10.	Kenaf Fiber Composite in Automotive Industry: An Overview F Hassan, R Zulkifli, MJ Ghazali, CH Azhari International Journal on Advanced Science, Engineering and Information ...	2017
11.	Engineering characterisation of epoxidized natural rubber-modified hot-mix asphalt RA Al-Mansob, A Ismail, NIM Yusoff, RAOK Rahmat, MN Borhan, ... PloS one 12 (2), e0171648	2017
12.	Sains & teknologi alam Melayu H Azhari Penerbit Universiti Kebangsaan Malaysia	2017
13.	Wax Effect on Hydrophobic Properties of Banana Leaves H Abu Hassan, MJ Ghazali, NM Zainuddin, CH Azhari JURNAL KEJURUTERAAN 29 (1), 1-7	2017
14.	Flexural Properties of Kenaf Fibre Mat Reinforced PLA Composites F Hassan, R Zulkifli, MJ Ghazali, CH Azhari J. Appl. Environ. Biol. Sci 7 (1), 30-35	2017
15.	Microstructural effects of banana leaf on adhesion and self cleaning behaviour HA Hassan, MJ Ghazali, CH Azhari, C Meric MATEC Web of Conferences 87, 02026	2017
16.	Studies on the effects of titanate and silane coupling agents on the performance of poly (methyl methacrylate)/barium titanate denture base nanocomposites NW Elshereksi, MJ Ghazali, A Muchtar, CH Azhari Journal of dentistry 56, 121-132	2017

No	Advances in Materials Processing Series-Published by Institute of Materials Malaysia and AMPI	Year
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1.	Che Husna Azhari, Andanastuti Muchtar & Ahmad Kamal Ariffin Mohd Ihsan. Advances in Materials Processing Volume 1. Institute of Materials Malaysia, Bangi.	2003
2.	Che Husna Azhari, Andanastuti Muchtar, Mohd Zaidi Omar & Mariyam Jameelah Ghazali. Advances in Materials Processing Volume 2. Institute of Materials Malaysia, Bangi.	2009
3.	Che Husna Azhari, Mariyam Jameela Ghazali, Andanastuti Muchtar & Mohd Zaidi Omar.. Advances in Materials Processing Volume 3. Institute of Materials Malaysia, Bangi.	2014

No	Advances in Materials Processing Series-Published By UKM Press	Year
1.	Che Husna Azhari, Rozli Zulkifli, Abu Bakar Sulung. Advances In Materials Processing And Intergrity. Non Metals And Hybrids. Penerbit Ukm.	2017
2.	Che Husna Azhari, Mohd Zaidi Omar, Shahrum Abdullah. Advances in Materials and Intergrity Metals and Semi Metallics. Penerbit UKM.	2018

INAUGURAL/PROFESSORIAL LECTURE

Che Husna Azhari. 2005. Bahan Tempatan dalam Ungkapan Ilmuan Penyelidikan. Siri Syarahan Perdana UKM. Penerbit UKM.

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Expertise and Current Research



No	Selected Publications in the Humanities/History of Science and Technology/Philosophy of Science	Year
Books and Chapters in Books		
1.	Che Husna Azhari. Sains dan Teknologi Alam Melayu. ATMA. Universiti Kebangsaan Malaysia. 1st Edition.	2009

2.	Che Husna Azhari Sains dan Teknologi Alam Melayu. Ed. Penerbit UKM. Bangi.Malaysia	2017
3.	Che Husna Azhari. Pemikiran. In Maryam Jameelah Ghazali. Ed. Ensiklopedia Kejuruteraan Melayu. Aras Mega Sdn Bhd. Bangi.	2015
4.	Che Husna Azhari, Nik Hassan Shuhaimi Abdul Rahman, Abdullah Zaidi Hassan and Abdul Razak Mahmud. Gagasan Perjuangan Penubuhan UKM. Muzium Warisan Akademik. UKM	2013
5.	Che Husna Azhari. Reka Melayu. Teknologi Alam Melayu. A. Latif Samian et al. Penerbit UKM. Bangi.	2013
6.	Che Husna Azhari, Kamarul Afizi Kosman and Rosdan Abdul Manan. Artifak Teknologi Melayu. ATMA. Universiti Kebangsaan Malaysia.	2010

Journal Papers-Selected Papers

1.	Che Husna Azhari. Gaya Kepimpinan Wanita Daripada Lensa Malaysia. Kepimpinan Kualiti : Profesor Tan Sri Dr. Dato' Seri Sharifah Hapsah Syed Hasan Shahabudin. Bahagian II : Bab 5, halaman 76-94. Penerbit UKM.	2015
2.	M.J. Ghazali, M. Daud, A. Muhammad, M.Z. Omar & C.H. Azhari. Microstructural Analyses of Malay Keris and Its Relation to Properties. Acta Physica Polonica A.	2015
3.	Hermayulis, Frengki Hardian, Hernadewita, Dian Amelia, Che Husna Azhari, Noor Inayah Yaakub & Rohimi Shapiee. An analysis of the leasehold concept in the land management system of Indonesia and Malaysia. The Social Sciences. 7(3):391-404.	2012
4.	G.A. Ibrahim, C.H. C. Haron and C.H. Azhari. Sustainable Rural Energy: Traditional Water Wheels in Padang. Int. Journal of Renewable Energy Technology. 2.1: 23-31.	2011
5.	Che Husna Azhari. Emancipation, Women and The State: A competing agenda in 20th century Malaysia. Intl. Discourse. 9.2 (127-144). International Islamic University. Kuala Lumpur	2001
6.	Che Husna Azhari. 1997. Teknologi Warna Alam Melayu. Akademika. 51(Julai): 53-63.	1997

No Selected Publications in the Humanities/History of Science and Technology/Philosophy of Science

Year

Selected Proceedings

1.	Che Husna Azhari and Wan Ikhlas Wan Mohtar. The Technology of Malay Cannonry: Cultural Heritage of Malay-Ottoman Ingenuity. International Symposium on Turkey-East and Southeast Asia Relations.	2014
2.	Che Husna Azhari & Mohamed Zain Musa. Acces to Educational Opportunities and Empowerment of Cham Women. International Conference on Islam and Society (Justice in Islam). Book of abstract.	2012
3.	Haziyah Hussain, Che Husna Azhari, Dzuraidah Abdul Wahab, Syaimak Andul Shukor & Alshah @ Eshah Haji Mohamed. Satu penentuan saiz badan wanita Melayu berdasarkan ukuran piawaian S, M, L dan XL. Persidangan Antarabangsa Sains dan	2010

	Teknologi di Alam Melayu (Salam 1): Perkembangan Sains dan Teknologi di Alam Melayu, Institut Alam dan Tamadun Melayu UKM.	
4.	Che Husna Azhari. Reka Melayu: suatu tafsiran. Prosiding Persidangan Antarabangsa Sains dan Teknologi di Alam Melayu (Salam 1): Perkembangan Sains dan Teknologi di Alam Melayu, Institut Alam dan Tamadun Melayu UKM.	2010
5.	Maryam Jameelah Ghazali, Mohd Zaidi Omar, Che Husna Azhari, Kamarul Afizi Kosman & Shahril Mohamad. Kajian awal ke atas bilah keris Melayu - suatu pandangan saintifik. Prosiding Persidangan Antarabangsa Sains dan Teknologi di Alam Melayu (Salam 1): Perkembangan Sains dan Teknologi di Alam Melayu, Institut Alam dan Tamadun Melayu, UKM.	2010

No	Creative Writing-Selected Works	Year
Books		
1.	Che Husna Azhari in M.A. Quayum. Peninsular Muse. Peter Lang. London	2009
2.	Che Husna Azhari. An English Sojourn. Furada Publishing House. Bandar Baru Bangi, Selangor. (Listed the complete work of Che Husna Azhari until 2008 in literature)	2008
3.	Che Husna Azhari in Amin Malak. Muslim narratives and the Discourse of English: Muslim women autobiographical narratives, Fatima Mernissi's Dreams of Trespass and CheHusnaAzhari's A Rambutan Orchard. SUNY. Albany, New York.	2005
4.	Che Husna Azhari. Puisi Ambo. Furada Publishing House. Bandar Baru Bangi, Selangor.	1994
5.	Che Husna Azhari. Melor in Perspectives. Furada Publishing House. Bandar Baru Bangi, Selangor. (Two stories "Mariah" and "Pak De Samad's Cinema" are used as teaching materials for English for Matriculation students and at University for TOEFL courses).	1993
6.	Che Husna Azhari. The Rambutan Orchard. Furada Publishing House. Bandar Baru Bangi, Selangor.	1993
7.	Che Husna Azhari. Kelantan Tales: An Anthology of Short Stories. Furada Publishing House. Bandar Baru Bangi, Selangor. (The story of Bunga Telur and Bally Shoes is used as a teaching material for secondary school students by the Ministry of Education, Malaysia and published by Dewan Bahasa and Pustaka).	1992
Selected Papers in Journal		
1.	Che Husna Azhari. The Spinster in Molo. Southeast Asian Review of English. 50: 166-178. Malaysian Association of Commonwealth Literature and Language Studies (MACLALS) with the College of Humanities, Arts and Social Sciences, Nanyang Technological University. Singapore.	2011

2.	Che Husna Azhari. My Paper Father. Tenggara: Journal of SEAsian Literature. JPM. Penerbit UKM.	2000
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No	Publications in Bahasa Melayu	Year
Senarai Penerbitan dalam Bahasa Melayu		
1.	Che Husna Azhari. Sains & Teknologi Alam Melayu. Dlm. Che Husna Azhari (pnyt.). Pembuka Tirai: Kerangka Intelektual, hlm. 17. Bangi: Penerbit Universiti Kebangsaan Malaysia.	2017
2.	Che Husna Azhari. Sains & Teknologi Alam Melayu. Dlm. Che Husna Azhari (pnyt.). Peranti Pengubatan, hlm. 303. Bangi: Penerbit Universiti Kebangsaan Malaysia.	2017
3.	Hermaliyus, Che Husna Azhari, Frengki Hardian & Kamarul Afizi Kosman. Sains & Teknologi Alam Melayu. Dlm. Che Husna Azhari (pnyt.). Kebijaksanaan Tempatan: Manfaat Lingkungan, hlm. 169. Bangi: Penerbit Universiti Kebangsaan Malaysia.	2017
4.	Salina Abdul Samad, Aini Hussain, Che Husna Azhari & Mohd Ridzuwary Mohd Zainal. Sains & Teknologi Alam Melayu. Dlm. Che Husna Azhari (pnyt.). Pandai Bunyi Angklung Maya, hlm. 233. Bangi: Penerbit Universiti Kebangsaan Malaysia.	2017
5.	Che Husna Azhari. Teknologi Alam Melayu. Dlm. Nazri Muslim, Abdul Latif Samian (pnyt.). Reka Melayu: Satu Tafsiran, hlm. 61. Bangi: Penerbit Universiti Kebangsaan Malaysia.	2016
6.	Mariyam Jameelah Ghazali, Mohd Zaidi Omar, Che Husna Azhari, Kamarul Afizi Kosman & Shahril Mohamad. Teknologi Alam Melayu. Dlm. Nazri Muslim, Abdul Latif Samian (pnyt.). Bilah Keris Melayu: Analisis dari Pandangan Saintifik, hlm. 162. Bangi: Penerbit Universiti Kebangsaan Malaysia.	2016
7.	Che Husna Azhari. Gaya Kepimpinan Wanita Daripada Lensa Malaysia. Dlm. Madeline Berma, Bahiyah Abdul Hamid & Shamshubaridah Ramlee (pnyt.). Kepimpinan Kualiti: Profesor Tan Sri Dr. Dato' Seri Sharifah Hapsah Syed Hasan Shahabudin, hlm. 76. Bangi: Penerbit Universiti Kebangsaan Malaysia.	2015
8.	Che Husna Azhari. Ensiklopedia Kejuruteraan Alam Melayu. Dlm. Mariyam Jameelah Ghazali (pnyt.). Pemikiran: Pemikiran Sains Dunia Melayu, hlm. 2. Bangi: Aras Mega (M) Sdn Bhd.	2015
9.	Namazi Azhari & Che Husna Azhari. Ensiklopedia Kejuruteraan Alam Melayu. Dlm. Mariyam Jameelah Ghazali (pnyt.). Pemikiran: Kreativiti dan Inovasi, hlm. 37. Bangi: Aras Mega (M) Sdn Bhd.	2015
10.	Dzuraidah Abdul Wahab & Che Husna Azhari. Ensiklopedia Kejuruteraan Alam Melayu. Dlm. Mariyam Jameelah Ghazali (pnyt.). Pemikiran: Produktiviti Saintifik Negara Islam dan Alam Melayu, hlm. 49. Bangi: Aras Mega (M) Sdn Bhd.	2015
11.	Che Husna Azhari. Ensiklopedia Kejuruteraan Alam Melayu. Dlm. Mariyam Jameelah Ghazali (pnyt.). Pemikiran: Seni dan Reka Dunia Melayu Islam, hlm. 55. Bangi: Aras Mega (M) Sdn Bhd.	2015
12.	Wan Ikhlas Wan Mokhtar & Che Husna Azhari. Ensiklopedia Kejuruteraan Alam Melayu. Dlm. Mariyam Jameelah Ghazali	2015

	(pnyt.). Pemikiran: Resapan Teknologi Uthmaniyyah, hlm. 67. Bangi: Aras Mega (M) Sdn Bhd.	
13.	Che Husna Azhari. Ensiklopedia Kejuruteraan Alam Melayu. Dlm. Mariyam Jameelah Ghazali (pnyt.). Pemikiran: Estetika Melayu, hlm. 73. Bangi: Aras Mega (M) Sdn Bhd.	2015
14	Salina Abdul Samad, Hafizah Husain, Aini Hussain & Che Husna Azhari.. Ensiklopedia Kejuruteraan Alam Melayu. Dlm. Mariyam Jameelah Ghazali (pnyt.). Seni Kreatif: Alat Muzik Berasaskan Buluh, hlm. 203. Bangi: Aras Mega (M) Sdn Bhd.	2015
15.	Che Husna Azhari. Syarahan Perdana. Bahan Tempatan dalam Ungkapan Ilmu dan Penyelidikan. Bangi: Penerbit Universiti Kebangsaan Malaysia	2005