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A. PERSONAL DETAILS

UMK JOIN DATE	25-Jul-2011
DATE OF APPOINTMENT FOR CURRENT POSITION	
DATE OF CONFIRMATION FOR CURRENT POSITION	
EDUCATION(S)	<ul style="list-style-type: none">• (2009) ALIGARH MUSLIM UNIVERSITY IJAZAH DOKTOR FALSAFAH GEOLOGY HYDROGEOLOGY• (2003) ALIGARH MUSLIM UNIVERSITY IJAZAH SARJANA SCIENCE APPLIED GEOLOGY
GROUP OF EXPERTISE	<ul style="list-style-type: none">• Ground Water Hydrology• Other Geology n.e.c.
AWARD(S)	<ul style="list-style-type: none">• Award Name: Anugerah Perkhidmatan Cemerlang (APC) 2019 (2020) Awarded by: Universiti Malaysia Kelantan• Award Name: ANugerah Gemilang g Universiti Tahun 2016- (Penyelidikan dan Inovasi) (2017) Awarded by: Universiti Malaysia Kelantan• Award Name: Research Innovation week UMK (category Silver) (2016) Awarded by: UMK• Award Name: Anugerah Perkhidmatan Cemerlang 2014 (2015) Awarded by: Universiti Malaysia Kelantan• Award Name: Award Senarai Jurnal Hadiah Sanjungan 2010, Publication (Journal), Category (Universiti Sains Malaysia). (2011) Awarded by: Universiti Sains Malaysia• Award Name: Senior Research Fellowship (2008) Awarded by: Council of Scientific and Industrial Research, Ministry of Human Resource Development, India
WORKING EXPERIENCE(S)	<ul style="list-style-type: none">• Post Doctoral Fellow (PDF) Universiti Sains Malaysia (USM) (P.Pinang) 15-Oct-2009-12-May-2011• Senior Lecturer University Malaysia Kelantan 25-Jul-2011-01-Dec-2021
PROFESIONAL MEMBERSHIP(S)	

B. TEACHING-LEARNING ACTIVITIES

	<ul style="list-style-type: none">• BFT1123 - EARTH PROCESSES• BFT2163 - GEOSCIENCE INTRODUCTION• BGE2033 - STRATIGRAPHY AND EARTH HISTORY• BGT2023 - PALEONTOLOGY• BGT2043 - GEOPHYSICS• BGT3073 - PETROLOGY• BNT4203 - RESEARCH PROJECT II• EFT1123 - EARTH PROCESSES
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COURSES TAUGHT	<ul style="list-style-type: none"> • EFT1273 - INTRODUCTION TO COMPUTERS • EFT2143 - RESEARCH METHODOLOGY AND SCIENTIFIC WRITING • EFT2163 - INTRODUCTION OF GEOSCIENCE • EFT4082 - STUDENT IN ENTERPRISE PROGRAMME • EGE2033 - STRATIGRAPHY AND EARTH HISTORY • EGE4302 - GROUNDWATER EXPLORATION AND PRODUCTION • EGE4312 - GROUNDWATER MONITORING • EGE4322 - BASIN ANALYSIS AND MODELLING • EGE4372 - GEOMORPHOLOGY • EGT2023 - PALEONTOLOGY • EGT3073 - PETROLOGY • EGT3142 - HYDROGEOLOGY • EGT3163 - RESEARCH PROJECT I • EGT3413 - ADVANCE TECHNOLOGY IN GEOSCIENCE • EGT4158 - INDUSTRIAL TRAINING • EGT4173 - RESEARCH PROJECT II
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C. RESEARCH AND DEVELOPMENT

JOURNAL(S)	<ol style="list-style-type: none"> 1. STABLE ISOTOPE CHARACTERISTICS OF PRECIPITATION IN MALAYSIA: ESTABLISHMENT OF LOCAL METEORIC WATER LINE CO 2024 2. STABLE ISOTOPE CHARACTERISTICS OF PRECIPITATION IN MALAYSIA: ESTABLISHMENT OF LOCAL METEORIC WATER LINE CO 2024 3. STABLE ISOTOPE EVIDENCE ON MECHANISMS AND SOURCES OF GROUNDWATER RECHARGE IN QUATERNARY AQUIFERS OF KELANTAN, MALAYSIA CORRESPNDG 2021-08 4. STABLE ISOTOPE EVIDENCE ON MECHANISMS AND SOURCES OF GROUNDWATER RECHARGE IN QUATERNARY AQUIFERS OF KELANTAN, MALAYSIA MAIN 2021-08 5. UPSCALING OF SURFACE WATER AND GROUNDWATER INTERACTIONS IN HYPORHEIC ZONE FROM LOCAL TO REGIONAL SCALE CO 2022 6. UPSCALING OF SURFACE WATER AND GROUNDWATER INTERACTIONS IN HYPORHEIC ZONE FROM LOCAL TO REGIONAL SCALE CO 2022 7. AN ALTERNATIVE APPROACH TO ESTIMATE RIVER CROSS-SECTIONS USING LIDAR-BASED DIGITAL ELEVATION MODEL CO 2022 8. AN ALTERNATIVE APPROACH TO ESTIMATE RIVER CROSS-SECTIONS USING LIDAR-BASED DIGITAL ELEVATION MODEL CO 2022 9. NOVEL CORONAVIRUS (SARS-COV-2) IN WATER AND ENVIRONMENT-A SCOPING REVIEW CO 2022-04 10. NOVEL CORONAVIRUS (SARS-COV-2) IN WATER AND ENVIRONMENT-A SCOPING REVIEW CO 2022-04 11. APPLICATION OF GEO-ELECTRICAL METHODS FOR ESTIMATING WATER INFILTRATION IN SOILS CO 2022 12. DEVELOPMENT OF FLOOD VULNERABILITY AND RISK INDICES FOR KELANTAN DISTRICT, PENINSULAR MALAYSIA CO 2022 13. EVALUATING GROUNDWATER POLLUTION WITH EMPHASIZING HEAVY METAL HOTSPOTS IN AN URBANIZED ALLUVIUM WATERSHED OF YAMUNA RIVER, NORTHERN INDIA CO 2022-12 14. SPATIO-TEMPORAL VARIATION IN SOIL QUALITY AND ITS EFFECT ON PLANT GROWTH CO 2023
PROCEEDING(S)	<ol style="list-style-type: none"> 1. CUSTOMIZED RAINFALL COLLECTOR FOR ISOTOPE ANALYSIS CORRESPNDG 2021-09 2. DISTRIBUTION OF LIGHT (LHREE) AND HEAVY RARE EARTH ELEMENTS (HREE) IN KELANTAN GRANITIDS ROCK CO 2021-09 3. GEOCHEMICAL EVALUATION OF FLUORIDE AND NITRATE CONTAMINATION IN GROUNDWATER USING GRAPHICAL METHOD, KARNATAKA STATE, INDIA CO 2022 4. ASSESSMENT OF GROUNDWATER QUALITY IN THE COASTAL AQUIFERS OF BACHOK USING HYDROGEOCHEMICAL ANALYSIS CO 2022 5. PRELIMINARY STUDY OF GROUNDWATER RESOURCES IN UMK JELI CAMPUS, KELANTAN, MALAYSIA USING ELECTRICAL RESISTIVITY METHODS CO 2022 6. PHYSICAL AND CHEMICAL CHARACTERISTICS OF BOTTOM SEDIMENTS FROM THE KELANTAN RIVER, TUMPAT, KELANTAN CO 2022 7. LAND USE/LAND COVER CHANGE ANALYSIS USING GEOSPATIAL TECHNOLOGY IN MATHURA DISTRICT, UTTAR PRADESH, INDIA CO 2022 8. GROUNDWATER POTENTIAL USING ELECTRICAL RESISTIVITY IMAGING IN BATU MELINTANG, JELI, KELANTAN CO 2022 9. SPATIO-TEMPORAL ANALYSIS IN DETERMINATION OF FLOOD EXTENT BASED ON RAINFALL INTENSITY AND WATER LEVEL DATA IN KUALA KRAI, KELANTAN CO 2022 10. STATISTICAL AND SPATIAL ANALYSES OF THE KELANTAN BIG YELLOW FLOOD 2014 CO 2020-09 11. SEISMIC FACIES AND GEOLOGICAL STRUCTURE INTERPRETATION OF THE A-FIELD, MALAY BASIN, MALAYSIA CO 2020-09 12. POTENTIAL OF RARE EARTH ELEMENTS (REES) IN GUA MUSANG GRANITES, GUA MUSANG, KELANTAN CO 2020-09 13. INVESTIGATION OF SEAWATER INTRUSION IN COASTAL AQUIFERS OF KELANTAN, MALAYSIA USING GEOPHYSICAL AND HYDROCHEMICAL TECHNIQUES CO 2020-09 14. MAPPING OF GROUNDWATER POTENTIAL ZONES IN A CRYSTALLINE TERRAIN USING REMOTE SENSING, GIS TECHNIQUES AND FIELD OBSERVATIONS: A CASE STUDY IN PARTS OF TANAH MERAH, KELANTAN, MALAYSIA CO 2020-09 15. KELANTAN BIG YELLOW FLOOD 2014: STATISTICAL ANALYSIS ON RELATIONSHIP BETWEEN RAINFALL INTENSITY AND WATER LEVEL CO 2020-12-28 16. TRACE ELEMENTS CONCENTRATION IN DOMESTIC GROUNDWATER WELLS IN NORTHERN PARTS OF KELANTAN, MALAYSIA CO 2020-12-28

	<p>17. SLOPE FAILURE INVESTIGATION IN WEATHERED GRANITIC ROCK MASS USING ELECTRICAL RESISTIVITY IMAGING: CASE STUDY IN KG BUKIT SELAR, JELI, KELANTAN, MALAYSIA CO 2020-12</p> <p>18. GEOCHEMICAL STUDY ON IMPACT OF TARBALL ON CHENDERING BEACH KUALA TERENGGANU, MALAYSIA CO 2022</p> <p>19. EXPLORATION OF CHROMITE IN WADI KALBU AREA, NIZWA, SULTANATE OF OMAN CO 2022-06</p> <p>20. METAMORPHIC EVOLUTION OF THE BALING FORMATION AT BANDING ISLAND, PERAK, MALAYSIA CO 2022</p> <p>21. EVALUATION OF GROUNDWATER CHEMISTRY IN NORTHERN INDO-GANGETIC ALLUVIAL REGION CO 2022-06</p> <p>22. GROUNDWATER POTENTIAL ZONE IN BACHOK DISTRICT, MALAYSIA: APPLICATION OF REMOTE SENSING AND GIS TECHNIQUE CO 2023</p> <p>23. GENERAL GEOLOGY AND GROUNDWATER QUALITY ANALYSIS OF DOMESTIC WELLS AROUND KAMPUNG PANGLIMA BAYU, TANAH MERAH DISTRICT, KELANTAN, MALAYSIA CORRESPNDG 2023</p>
BOOK(S)	
CHAPTER(S)	<p>1. PENAWARAN PROGRAM AKADEMIK PRASISWAZAH CO 2021</p> <p>2. PEMBANGUNAAN SUMBER MANUSIA CO 2021</p> <p>3. PENGAJIAN PASCA SISWAZAH CO 2021</p> <p>4. CHAPTER 15: ROLE OF STABLE ISOTOPES IN GROUNDWATER RESOURCE MANAGEMENT CO 2023</p> <p>5. SPATIO-TEMPORAL VARIATION IN SOIL QUALITY AND ITS EFFECT ON PLANT GROWTH CO 2023</p>
OTHER(S)	<p>1. PROJEK PEMBINAAN TELAGA TIUB UMK KAMPUS BACHOK CO 2020</p> <p>2. PEMANTAUAN KUALITI AIR BAWAH TANAH TELAGA KOMUNITI CO 2020-07</p> <p>3. CUSTOMIZED RAINFALL COLLECTOR FOR ISOTOPE ANALYSIS CORRESPNDG 2021-09</p> <p>4. BULETIN FSB (JAN-JUN 2023) CO 2023</p>
RESEARCH(S)	<p>1. DELINEATION OF GROUNDWATER POTENTIAL ZONES USING GEOLOGICAL AND GEOPHYSICAL SURVEY IN UMK JELI CAMPUS HEAD SGJP 2017</p> <p>2. DELINEATION OF GROUNDWATER POTENTIAL ZONES USING GEOLOGICAL AND GEOPHYSICAL SURVEY IN UMK JELI CAMPUS MEMBER SGJP 2017</p> <p>3. DETERMINATION OF AQUIFER DEPTH AND SOURCE OF CONTAMINATION IN GROUNDWATER IN PARTS OF KELANTAN USING SILICA THERMOMETRY AND STABLE ISOTOPE ANALYSIS HEAD FRGS 2014</p> <p>4. DETERMINATION THE FRACTURE OF ACTIVE QUARRY USING UNMANNED AERIAL VEHICLE (UAV) PHOTOGRAMMETRY TECHNIQUES MEMBER FRGS 2021</p> <p>5. EVALUATION OF GEOTOURISM POTENTIAL SITES FOR THE STONG GEOPARK PROJECT IN JELI AND DABONG DISTRICTS, KELANTAN. MEMBER KERAJAAN 2022</p> <p>6. GEOSTATISTICAL MODELLING OF GROUNDWATER QUALITY IN KOTA BHARU, KELANTAN- A GIS BASED APPROACH MEMBER UMK-FUND 2022</p> <p>7. IMPACT OF SEAWATER INTRUSION ON GROUNDWATER QUALITY IN COASTAL AQUIFERS OF KELANTAN, MALAYSIA, USING HYDROGEOCHEMISTRY AND STABLE ISOTOPES HEAD FRGS 2020</p> <p>8. IMPACT OF CLIMATE CHANGE ON RECHARGE MECHANISM IN KLANG RIVER BASIN USING HYDROGEOCHEMISTRY AND STABLE ISOTOPE CHARACTERIZATIONS. MEMBER KPT 2021</p> <p>9. MINERALOGICAL IDENTIFICATION AND RARE EARTH ELEMENT (REE) RESOURCES IN GRANITOID ROCKS USING GEOLOGICAL AND GEOCHEMICAL METHODS IN KELANTAN MEMBER FRGS-RACER 2021</p> <p>10. UMK GROUNDWATER PROJECT: REALTIME WATER QUALITY MONITORING SYSTEM (WMS) MEMBER UMK-FUND 2020</p> <p>11. UMK GROUNDWATER PROJECT:GROUNDWATER POTENTIAL SOURCES IDENTIFICATION IN UMK BACHOK USING GIS APPROACH MEMBER UMK-FUND 2020</p> <p>12. IMPACT OF SEAWATER INTRUSION ON COASTAL AQUIFERS OF KELANTAN USING STABLE ISOTOPES AND HYDROGEOCHEMISTRY METHOD HEAD FRGS 2022</p>
SUPERVISION	<ul style="list-style-type: none"> • IMPACT OF SEAWATER INTRUSION ON GROUNDWATER QUALITY IN COASTAL AQUIFERS OF KELANTAN, MALAYSIA, USING HYDROGEOCHEMISTRY AND STABLEISOTOPES MAIN SUPERVISOR FOR A PHD'S STUDENT • METALLOGENY OF SUPERGENE COBALT & NICKEL MINERALIZATION, IBRA LATERITES, SULTANATE OF OMAN MAIN SUPERVISOR FOR A PHD'S STUDENT
	<ul style="list-style-type: none"> • Product Name: REGENERATIVE BRAKING SYSTEM FOR ELECTRIC VEHICLES Award: GOLD Role: Member Exhibition Name:CRI2021 • Product Name: WATER POLLUTION Award: SILVER Role: Member Exhibition Name:CRI2021 • Product Name: CUSTOMIZED RAINFALL COLLECTOR FOR ISOTOPE ANALYSIS (2H, 18O, TRITIUM) Award: SILVER Role: Member Exhibition Name:CRI2021

RESEARCH AWARD (S)	<ul style="list-style-type: none"> • Product Name: Development of Crude oil Acidity measurement Award: SILVER Role: Member Exhibition Name: CRI2023 • Product Name: DUAL AXIS SUN TRACKING SYSTEM Award: SILVER Role: Member Exhibition Name: CRI2022 • Product Name: SOIL DISTRIBUTION IN TRACE, TASIK BANDING, PERAK Award: SILVER Role: Member Exhibition Name: AGRO RIC • Product Name: MULTITEMPORAL DRONE SURVEYS FOR FRACTURE MAPPING AND CHARACTERIZATION Award: BRONZE Role: Member Exhibition Name: CRI2022 • Product Name: Most commented Certificate award in IconBet 2021 Award: NONE Role: Head Exhibition Name: ICONBET2021
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D. CONSULTATION

CONSULTATION(S)	<ol style="list-style-type: none"> 1. HYDROGEOLOGY CONSULTANT HEAD 2020 2. ERI CONSULTANCY WITH AIR KELANTAN MEMBER 2021 3. CONSULTANCY WITH FERRIGEO HEAD 2021 4. CONSULTATION WITH GULF TRIANGLE OMAN HEAD 2021 5. CONSULTATION WITH FERRIGEO HEAD 2021 6. MINI WATER TREATMENT PLANT FEASIBILITY STUDY AT PEMBINAAN BANGUNAN GUNASAMA PERSEKUTUAN KOTA BHARU, TUNJONG, KELANTAN- GEOPHYSICAL STUDY MEMBER 2022
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E. COMMUNITY SERVICES

COMMUNITY SERVICES	
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